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US EPA ARCHIVE DOCUMENT

Olin Corporation

Wilmington, Massachusetts Facility

Supplemental Phase II Report

Volume II

June 1997

Prepared by:

ABB Environmental Services, Inc.

Geomega

PTI Environmental Services

SMITH Technology Corporation

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Olin Corporation

Wilmington, MA

Supplemental Phase II Report

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Tables

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TABLE 1-1

Chronology of Regulatory Communication
June 25, 1993 to Present

Olin Corporation
Wilmington, MA Facility

Date	Description of Communication
25-Jun-93	Submittal of "Comprehensive Site Assessment Phase II Field Investigation Report" (CRA).
14-Jul-93	MADEP Reclassification of Wilmington, MA Facility (Release Tracking Number (RTN) 3-0471) as a priority disposal site.
1-Aug-93	Submittal of work plan entitled "Phase III Field Investigation Work Plan"(BCM).
1-Sep-93	Submittal of report entitled "Public Health Risk Assessment"(ABB).
1-Dec-93	Submittal of report entitled "Screening Level Environmental Risk Asssessment"(ABB).
31-Mar-94	MADEP Notification of legal responsibilities and interim deadline to all potentially responsible parties.
18-May-94	MADEP Issuance of Tier 1A Permit # 83004.
30-Jun-94	MADEP Conditions of Interim Action Plan - West Ditch Precipitate.
1-Jul-94	MADEP Conditional approval for work plan entitled "Phase III Field Investigation Work Plan" as Supplemental Phase II activities pending approval of locations.
23-Sep-94	MADEP Permit # 83004 Effective Date for field activities associated with RTN 3-0471.
17-Oct-94	Submittal of detailed locations of Supplemental Phase II work.
26-Oct-94	MADEP Approval of Supplemental Phase II Activity Locations.
Nov-94	Submittal of "Imminent Hazard Evaluation" concerning Drum Areas (ABB).
16-Nov-94	Submittal of Proposal entitled "PTI Proposal- A Geochemical Approach to Mitigating Chromium in Groundwater" (PTI).
17-Nov-94	MADEP Notice of Responsibility and Interim Deadline for the "Imminent Hazard Evaluation, Nov. 1994." (RTN 3-11816).
6-Dec-94	MADEP Approval of additional Supplemental Phase II Activity Locations.
19-Dec-94	MADEP Partial Approval of proposal entitled "A Geochemical Approach to Mitigating Chromium in Groundwater." (Phase I - Phase VI approved for Phase II Investigation)
22-Mar-95	MADEP Comments related to Public Health and Environmental Risk Assessements submittals dated September 1993 and December 1993, respectively.
27-Mar-95	Submittal of "Status Report-South Ditch Weir" (BCM).
1-May-95	Submittal of report entitled "Seismic Reflection Survey and Terrain Conductivity Survey Results" (includes proposed additional monitoring well installation) (Smith).
15-Jun-95	MADEP Approval of installation of seven additional monitoring wells
26-Sep-95	Submittal of "Status Report-South Ditch Weir" (Smith Environmental).
13-Oct-95	Request for minor permit modification to link RTN-3-11816 to Permit #83004.
16-Nov-95	MADEP Approval of Minor Modification to Tier IA Permit request made October 13, 1995.
14-Dec-95	Submittal of IRA Status Report concerning Drum Areas (Smith).
14-Dec-95	Submittal of proposal for additional seismic surveys in Maple Meadow Brook wetland (Smith Environmental).
14-Dec-95	Submittal of proposal of South Ditch Flume Study (Smith Enivironmental).
14-Dec-95	Submittal of proposal for Multi-Port Piezometers (Smith Environmental).
19-Dec-95	MADEP Approval of workplan for additional seismic surveys in Maple Meadow Brook wetland.
19-Dec-95	MADEP Approval of workplan for South Ditch Flume Study.
19-Dec-95	MADEP Approval of workplan for Multi-Port Piezometers.
23-Jan-96	Submittal of proposal for additional sampling for the Human Health and Environmental Risk Assessments (ABB).
23-Jan-96	Submittal of Scope of Work entitled "Statement of Work for Supplemental Sampling in Support of Environmental Risk Assessment" (ABB).
23-Jan-96	Submittal of Scope of Work entitled "Statement of Work for Supplemental Sampling in Support of Human Health Risk Assessment and Disscusion of Risk Assessment Issues" (ABB).
1-Mar-96	Submittal of "Status Report-South Ditch Weir" (Smith Environmental).

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TABLE 1-1

Chronology of Regulatory Communication
June 25, 1993 to Present

Olin Corporation
Wilmington, MA Facility

Date	Description of Communication
26-Mar-96	MADEP Approval supplemental sampling outlined in January 23, 1996 submittal as related to Human Health and Environmental Risk Assessments.
29-Mar-96	Submittal of proposal of South Ditch Flume Study (Smith Environmental).
15-Apr-96	Submittal of Scope of Work for revised Human Health Risk Assessment (ABB) which addresses MADEP's comments (March 22, 1995).
16-May-96	MADEP Conditional approval for Scope of Work for the Revised Human Health Risk Assessment.
1-Jun-96	Submittal of report entitled "Interim Update on Supplemental Phase II Field Investigation" (Smith Environmental).
1-Jun-96	Submittal of work plan entitled "Work Plan for Groundwater Monitoring Program-Western Bedrock Valley" (Smith Environmental).
28-Jun-96	Submittal of Scope of Work entitled "Stage II Environmental Risk Characterization" (ABB).
28-Jun-96	Submittal of report entitled "Immediate Response Action Completion Report" concerning Drum Areas (ABB).
16-Jul-96	MADEP Approval of work plan entitled "Work Plan for Groundwater Monitoring Program-Western Bedrock Valley"
28-Aug-96	Submittal for Scope of Work for additional sampling for the Human Health Risk Assessment to obtain updated information (ABB).
30-Aug-96	Submittal of Scope of Work entitled, "Borings to Define Bedrock Surface" (Smith Environmental).
13-Sep-96	MADEP Approval for collection of environmental samples associated with the Environmental Risk Assessment.
16-Sep-96	MADEP Approval for work plan for collection of additional sampling for Human Health Risk Assessment.
23-Sep-96	MADEP Approval for work plan entitled,"Borings to Define Bedrock Surface".
26-Sep-96	Submittal of "Status Report-South Ditch Weir" (Smith Environmental).
26-Sep-96	Transmittal of Residential Well Sampling results
5-Dec-96	Submittal of Scope of Work for Surface Soil and Additional Groundwater Investigation.
11-Dec-96	MADEP Approval of Scope of Work for Surface Soil and Additional Groundwater Investigation.
10-Jan-97	MADEP Notification of need for Groundwater Recovery/Treatment System Operation and Monitoring Plan.
17-Jan-97	Transmittal of MMB well logs and first section of groundwater analytical results from first round of sampling at Maple Meadow Brook wells.
27-Jan-97	MADEP Notification to Cook Avenue Residents of further sampling for MTBE.
31-Jan-97	Transmittal of second section of groundwater analytical results from first round of sampling at Maple Meadow Brook wells.
7-Feb-97	Submittal of "Quarterly Status Report - Monthly Town Well Sampling Program", July 1996-October 1996 (Smith Technology).
10-Feb-97	Submittal of Scope of Work for Downhole Conductivity Logging.
12-Feb-97	MADEP Verbal approval of Scope of Work for Downhole Conductivity Logging.
24-Mar-97	Submittal of "Quarterly Status Report - Monthly Town Well Sampling Program", October 1996-December 1996 (Smith Technology)
25-Mar-97	Submittal of "Status Report-South Ditch Weir" (Smith Technology).
23-Apr-97	Submittal of "Quarterly Status Report - Monthly Town Well Sampling Program", January 1997-March 1997 (Smith Technology)
15-May-97	Submittal of "Wilmington Supply Well Sentinel Monitoring Program" (Smith).
27-May-97	MADEP approval of extension for submittal of Phase II Report from 5/31/97 to 6/23/97

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TABLE 2-1

Bedrock Elevations from Seismic Reflection Survey

Olin Corporation
Wilmington, MA Facility

Station Number	Line Number and Bedrock Elevation						
	BCM-94-1	BCM-94-2	BCM-94-3	BCM-94-4	BCM-95-5	BCM-94-6	BCM-95-7
101.0		2.1	24.9	10.8		25.7	65.1
105.0	21.8	0.3	31.3	20.6	41.6	28.0	64.3
110.0	20.6	1.7	19.1	24.3	45.0	31.6	56.8
115.0	22.9	0.9	30.1		41.6	34.1	56.0
120.0		5.2	19.5	-15.0	40.4	34.6	55.1
125.0				-4.5	40.4	37.7	52.7
130.0	15.7		-22.0	-4.3	40.4	41.2	52.7
135.0	-0.3	-28.7	-25.8	-14.7	36.9	47.5	51.0
140.0	-6.4	-28.9	-7.3	-22.7	40.4	53.5	51.0
145.0	-12.3	-20.5	28.7	-22.4	41.6	51.8	53.5
150.0	-26.1	-20.1	42.6		41.6	44.6	52.7
155.0	-29.8	-22.8	48.6	1.9	45.0	40.2	56.0
160.0	-27.2	-22.8	27.7	-10.5	49.6	19.4	59.3
165.0	-22.8	-11.5	15.7	6.7	50.7	21.5	
170.0	-11.5	-10.4	-2.5	11.7	51.9	28.3	
172.5			-3.2				
175.0	-0.3	-3.5		-11.3			
180.0		6.3		-20.2			
185.0		12.1		6.4			
190.0		23.4		37.9			
195.0		21.2		38.0			
200.0				40.4			
205.0				37.3			
210.0				36.3			
215.0				30.2			
220.0				14.2			
225.0				26.0			
230.0				53.6			
235.0				27.9			
240.0							
245.0							
250.0							
255.0							
260.0							
265.0							
270.0							
280.0							
290.0							
300.0							
310.0							

Notes: Bedrock elevations reported in feet above mean sea level (ft MSL)
Data collected by Raypath Inc. Cheltenham, PA
Source: Smith Environmental Technologies Corporation (Project No. 00-7074-0102)

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TABLE 2-1

Bedrock Elevations from Seismic Reflection Survey

Olin Corporation
Wilmington, MA Facility

Station Number	Line Number and Bedrock Elevation						
	BCM-95-8	BCM-95-10	BCM-95-10 EXT	BCM-95-12	SE-95-3X	SE-95-14	SE-95-16
101.0	46.0	60.1		60.1	48.1	53.7	
105.0	46.4	58.5		59.0	52.2	50.4	-17.2
110.0	47.5	58.5		54.0	44.8	48.0	-3.7
115.0	48.1	62.6	82.4	58.0	35.0	45.6	
120.0	67.0	63.4	72.4	59.0	43.9	44.2	35.5
125.0	68.0	63.4		63.0	51.5	43.9	37.1
130.0	69.0	65.1	62.4	63.0	50.1	41.7	37.5
135.0	69.0	65.9	54.9		36.3	34.0	35.8
140.0	69.6	67.5	56.4	58.0	42.1	22.2	
145.0	70.8	67.5	54.0	53.0	42.1	18.8	
150.0	69.5	65.1	46.5		42.4	18.7	
155.0	71.2	65.1	51.5	58.0	27.2	18.5	
160.0	72.0	69.2	49.0	63.0	21.7	25.0	
165.0	72.4	70.9	45.7	61.0	21.4	24.7	
170.0	73.7		41.5	61.0	19.6	30.9	
172.5							
175.0	72.0		49.9	60.0		29.7	
180.0	72.0			63.0		28.5	
185.0	73.0		54.0				
190.0	74.0		53.2				
195.0	72.0		53.2				
200.0	71.9		56.5				
205.0	71.5		53.2				
210.0	67.3		65.7				
215.0							
220.0							
225.0							
230.0							
235.0							
240.0							
245.0							
250.0							
255.0							
260.0							
265.0							
270.0							
280.0							
290.0							
300.0							
310.0							

Notes: Bedrock elevations reported in feet above mean sea level (ft MSL)
Data collected by Raypath Inc. Cheltenham, PA
Source: Smith Environmental Technologies Corporation (Project No. 00-7074-0102)

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TABLE 2-1

Bedrock Elevations from Seismic Reflection Survey

Olin Corporation
Wilmington, MA Facility

Station Number	Line Number and Bedrock Elevation						
	SE-95-16X	SE-95-18	SE-95-20	SE-96-2X	SE-96-9	SE-96-22	SE-96-24
101.0	34.2	53.1		-2.3	45.0	29.0	72.0
105.0	50.2	54.3		0.1	27.0	22.0	
110.0	60.3	54.3		14.8	26.0	17.0	79.0
115.0	59.1	47.4	47.8	19.8	33.0	20.0	
120.0	51.7	26.6	47.5	18.5	35.0	23.0	64.0
125.0	43.8	43.3	46.0	19.3	32.0	20.0	
130.0		51.1	44.1	32.8	29.0	35.0	58.0
135.0	-5.4	43.3	39.6	30.9	37.0		
140.0	-16.4	28.0	26.3	44.2	31.0		57.0
145.0	-35.1	8.2	18.9	46.1	55.0		
150.0	-29.8	0.0	22.9	46.1	44.0		54.0
155.0		-3.9	18.7	48.0	47.0		
160.0		-9.5	14.6	49.9	30.0		53.0
165.0		-6.0	14.1	49.9	30.0		
170.0		-4.8	9.5	49.9	28.0		46.0
172.5							
175.0		3.0	18.2	48.0	17.0		
180.0		19.1	21.2		9.0	15.0	42.0
185.0		34.0	20.1		18.0	11.0	
190.0		31.2	19.1		13.0	12.0	36.0
195.0		29.7	19.8		28.0	22.0	
200.0		35.1	23.0		32.0	24.0	49.0
205.0			23.8			32.0	
210.0			22.6			37.0	38.0
215.0			24.4			29.0	
220.0						19.0	33.0
225.0						19.0	
230.0						22.0	54.0
235.0						18.0	
240.0						15.0	50.0
245.0						-6.0	
250.0						-15.0	46.0
255.0						-26.0	
260.0						-15.0	35.0
265.0						-6.0	
270.0							46.0
280.0							42.0
290.0							29.0
300.0							41.0
310.0							30.0

Notes: Bedrock elevations reported in feet above mean sea level (ft MSL)
Data collected by Raypath Inc. Cheltenham, PA
Source: Smith Environmental Technologies Corporation (Project No. 00-7074-0102)

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TABLE 2-2

Monitoring Well Construction Details
Olin Corporation
Wilmington, MA Facility

Monitoring Well	Date Completed	Ground Elevation (ft. MSL)	Top of Casing (ft. MSL)	Monitored Interval Elevation (ft.MSL)	Monitored Interval Depth (ft. bgs)	Sand Pack Interval Elevation (ft. MSL)	Sand Pack Interval Depth (ft. bgs)	Well Materials	Top of Bedrock Elevation (ft. MSL)	Top of Bedrock Depth (ft. bgs)
BR-1	12/17/87	?	?	? to ?	21 to 50	NA to NA	NA to NA	6"steel casing/grout/3" open rock	*	*
GW-1	10/26/77	87.8	88.89	73.3 to 68.3	14.5 to 19.5	87.8 to 67.8	0 to 20	1.5" PVC casing/screen	*	*
GW-3 S	11/1/77	84.0	86.69	74.0 to 69.0	10 to 15	84.0 to 69.0	0 to 15	1.5" PVC casing/screen	*	*
GW-3 D	6/25/86	84.0	85.23	71.1 to 61.1	12.9 to 22.9	? to 61.1	? to 22.9	1.5" PVC casing/screen	61.1	22.9
GW-4	10/31/77	81.3	82.12	71.8 to 68.3	9.5 to 13	81.3 to 68.3	0 to 13	1.5" PVC casing/screen	*	*
GW-4 D	6/21/91	77.5	79.23	68.5 to 58.5	9 to 19	75.5 to 56.5	2 to 21	2" PVC casing/screen	63.3	14.2
GW-5	10/3/77	76.4	79.46	71.4 to 66.4	5 to 10	76.4 to 66.4	0 to 10	1.5" PVC casing/screen	*	*
GW-6 S	10/28/77	87.0	88.72	78.8 to 73.8	8.2 to 13.2	87.0 to 72.0	0 to 15	1.5" PVC casing/screen	*	*
GW-6 D	6/17/86	87.0	89.43	69.6 to 59.6	17.4 to 27.4	? to 59.6	? to 27.4	1.5" PVC casing/screen	59.6	27.4
GW-7	10/27/77	82.8	84.81	74.3 to 69.3	8.5 to 13.5	82.8 to 68.8	0 to 14	1.5" PVC casing/screen	*	*
GW-8	10/28/77	80.8	83.19	77.6 to 72.6	3.2 to 8.2	80.8 to 70.8	0 to 10	1.5" PVC casing/screen	*	*
GW-10 S	11/2/77	87.2	89.61	82.4 to 77.4	4.8 to 9.8	87.2 to 77.2	0 to 10	1.5" PVC casing/screen	*	*
GW-10 D	7/11/86	83.5	84.19	66.3 to 56.3	17.2 to 27.2	? to 56.3	? to 27.2	1.5" PVC casing/screen	56.3	27.2
GW-11	10/31/77	85.6	87.22	76.6 to 71.6	9 to 14	85.6 to 70.6	0 to 15	1.5" PVC casing/screen	*	*
GW-12	11/2/77	82.0	84.62	77.2 to 72.2	4.8 to 9.8	82.0 to 72.0	0 to 10	1.5" PVC casing/screen	*	*
GW-13	12/3/80	88.6	90.62	75.1 to 70.1	13.5 to 18.5	76.1 to 70.1	12.5 to 18.5	3" PVC casing/screen	*	*
GW-14	12/4/80	86.8	88.70	79.3 to 74.3	7.5 to 12.5	80.3 to 74.3	6.5 to 12.5	4" PVC casing/screen	*	*
GW-15	12/7/80	88.4	90.07	73.9 to 68.9	14.5 to 19.5	74.9 to 68.9	13.5 to 19.5	3" PVC casing/screen	*	*
GW-16	12/4/80	90.0	91.18	80.0 to 75.0	10 to 15	81.0 to 75.0	9 to 15	3" PVC casing/screen	*	*
GW-17 S	3/4/81	79.4	82.10	76.4 to 71.4	3 to 8	77.4 to 71.4	2 to 8	1.5" PVC casing/screen	*	*
GW-17 D	3/3/81	79.4	81.46	72.4 to 67.4	7 to 12	72.4 to 67.4	7 to 12	2" PVC casing/screen	66.4	13
GW-18 S	2/25/81	86.7	89.64	81.7 to 76.7	5 to 10	83.7 to 76.7	3 to 10	2" PVC casing/screen	*	*
GW-18 D	2/24/81	86.8	88.96	72.3 to 67.3	14.5 to 19.5	76.8 to 66.8	10 to 20	2" PVC casing/screen	66.9	19.9
GW-19 S	2/12/81	87.9	89.88	82.9 to 77.9	5 to 10	84.4 to 77.9	3.5 to 10	2" PVC casing/screen	*	*
GW-19 D	2/9/81	87.9	89.78	73.2 to 68.2	14.7 to 19.7	77.9 to 67.9	10 to 20	2" PVC casing/screen	67.9	20
GW-20	2/26/81	83.5	85.60	73.8 to 68.8	9.7 to 14.7	75.5 to 68.5	8 to 15	2" PVC casing/screen	68.5	15
GW-21 S	6/25/86	89.6	90.90	80.2 to 70.2	9.4 to 19.4	? to 70.2	? to 19.4	1.5" PVC casing/screen	*	*
GW-21 D	3/5/81	83.9	86.08	74.4 to 69.4	9.5 to 14.5	79.9 to 68.9	4 to 15	2" PVC casing/screen	68.9	15
GW-22 S	3/5/81	85.2	87.32	75.2 to 70.2	10 to 15	77.2 to 70.2	8 to 15	2" PVC casing/screen	*	*
GW-22 D	3/4/81	85.2	87.06	55.2 to 50.2	30 to 35	70.2 to 49.2	15 to 36	2" PVC casing/screen	49.2	36
GW-23	1981	88.3	90.93	? to ?	? to ?	? to ?	? to ?	2" SS casing/screen	73.3	15
GW-24	1981	81.9	83.57	? to 70.9	? to 11	? to ?	? to ?	2" SS casing/screen	*	*
GW-25	1981	83.1	85.99	? to 68.1	? to 15	? to ?	? to ?	2" SS casing/screen	*	*
GW-26	1981	84.9	84.96	? to 76.9	? to 8	? to ?	? to ?	2" SS casing/screen	*	*
GW-27 S	6/19/86	88.1	89.40	78.1 to 68.1	10 to 20	? to 68.1	? to 20	2" PVC casing/screen	*	*
GW-27 D	6/20/86	88.4	89.40	62.6 to 52.6	25.8 to 35.8	? to 52.6	? to 35.8	2" PVC casing/screen	57.6	30.8
GW -28 S	6/27/86	83.6	85.57	81.6 to 71.6	2 to 12	? to 71.6	? to 12	1.5" PVC casing/screen	*	*
GW- 28 D	6/27/86	83.6	84.81	79.3 to 69.3	4.3 to 14.3	? to 69.3	? to 14.3	1.5" PVC casing/screen	69.3	14.3
GW- 29 S	7/3/86	83.9	84.27	79.9 to 69.9	4 to 14	? to 69.9	? to 14	1.5" PVC casing/screen	*	*

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Monitoring Well Construction Details

Olin Corporation
Wilmington, MA Facility

Monitoring Well	Date Completed	Ground Elevation (ft. MSL)	Top of Casing (ft. MSL)	Monitored Interval Elevation (ft.MSL)	Monitored Interval Depth (ft. bgs)	Sand Pack Interval Elevation (ft. MSL)	Sand Pack Interval Depth (ft. bgs)	Well Materials	Top of Bedrock Elevation (ft. MSL)	Top of Bedrock Depth (ft. bgs)
GW-29 D	7/10/86	83.8	84.58	64.8 to 54.8	19 to 29	? to 54.8	? to 29	1.5" PVC casing/screen	*	*
GW-30 DR	11/18/87	88.0	89.32	56.5 to 46.5	31.5 to 41.5	? to 46.5	? to 41.5	2" PVC casing/screen	48.5	39.5
GW-31 S	4/12/88	90.1	91.41	84.1 to 74.1	6 to 16	? to 74.1	? to 16	2" SS casing/screen	*	*
GW-31 D	4/12/88	90.1	91.68	78.1 to 68.1	12 to 22	? to 68.1	? to 22	2" SS casing/screen	67.2	22
GW-32 S	4/14/88	87.6	87.74	82.6 to 72.6	5 to 15	? to 72.6	? to 15	2" SS casing/screen	*	*
GW-32 D	4/14/88	87.6	89.20	66.6 to 56.6	21 to 31	? to 56.6	? to 31	2" SS casing/screen	61.6	26
GW-33 S	11/13/89	88.2	89.88	78.2 to 68.2	10 to 20	79.2 to 68.2	9 to 20	2" PVC casing/screen	*	*
GW-33 D	11/13/89	88.1	89.64	72.1 to 62.1	16 to 26	74.1 to 62.1	14 to 26	2" PVC casing/screen	67.1	21
GW-34 S	11/17/89	88.1	90.21	78.1 to 68.1	10 to 20	79.1 to 68.1	9 to 20	2" PVC casing/screen	*	*
GW-34 D	11/20/89	88.0	90.27	65.3 to 55.3	22.7 to 32.7	68.0 to 55.0	20 to 33	2" PVC casing/screen	<57 B	31?
GW-35 S	11/28/89	88.1	89.57	78.1 to 68.1	10 to 20	80.1 to 68.1	8 to 20	2" PVC casing/screen	*	*
GW-35 D	11/25/89	88.1	89.76	57.3 to 47.3	30.8 to 40.8	60.1 to 48.1	28 to 40	2" PVC casing/screen	53.1	35
GW-36	11/16/89	84.3	85.77	57.3 to 47.3	27 to 37	61.3 to 57.3	23 to 27	2" PVC casing/screen	47.8	36.5
GW-37	11/1/89	81.8	83.51	62.5 to 52.5	19.3 to 29.3	67.8 to 52.3	14 to 29.5	2" PVC casing/screen	54.8	27
GW-38	11/13/89	85.9	86.95	65.0 to 55.0	20.9 to 30.9	71.9 to 55.4	14 to 30.5	2" PVC casing/screen	57.9	28
GW-39	11/28/89	81.7	83.55	78.6 to 68.6	3.1 to 13.1	80.7 to 68.7	1 to 13	2" PVC casing/screen	73.7	8
GW-40 S	7/26/91	86.4	88.46	76.4 to 66.4	10 to 20	78.4 to 66.4	8 to 20	2" PVC casing/screen	*	*
GW-40 D	7/26/91	86.4	88.00	51.4 to 41.4	35 to 45	53.4 to 41.4	33 to 45	2" PVC casing/screen	46.4	40
GW-42 S	7/21/91	84.5	84.16	76.0 to 66.0	8.5 to 18.5	78.5 to 66.0	6 to 18.5	2" PVC casing/screen	*	*
GW-42 D	7/21/91	84.4	84.17	50.4 to 40.4	34 to 44	54.4 to 40.4	30 to 44	2" PVC casing/screen	45.4	39
GW-43 S	7/18/91	85.6	87.36	77.6 to 67.6	8 to 18	79.6 to 67.6	6 to 18	2" PVC casing/screen	*	*
GW-43 D	7/18/91	85.6	87.97	60.6 to 50.6	25 to 35	65.6 to 50.6	20 to 35	2" PVC casing/screen	56.6	29
GW-44 S	4/24/92	84.0	85.70	74.0 to 64.0	10 to 20	76.0 to 64.0	8 to 20	2" PVC casing/screen	*	*
GW-44 D	4/24/92	83.5	85.24	28.5 to 18.5	55 to 65	30.5 to 16.5	53 to 67	2" PVC casing/screen	22.5	61
GW-45 S	12/11/92	89.9	89.43	77.9 to 67.9	12 to 22	81.9 to 67.9	8 to 22	2" PVC casing/screen	*	*
GW-45 D	12/11/92	89.8	89.36**	37.3 to 27.3	52.5 to 62.5	41.8 to 25.3	48 to 64.5	2" PVC casing/screen	29.8	60
GW-46 D	1/31/92	84.2	85.90	76.2 to 66.2	8 to 18	78.2 to 66.2	6 to 18	2" PVC casing/screen	70.2	14
GW-47	8/2/91	91.6	93.18	87.6 to 77.6	4 to 14	88.6 to 77.6	3 to 14	2" PVC casing/screen	87.6	4
GW-48 S	7/16/91	88.9	91.14	76.9 to 66.9	12 to 22	78.9 to 66.9	10 to 22	2" PVC casing/screen	*	*
GW-48 D	7/16/91	89.0	90.86	58.0 to 48.0	31 to 41	60.0 to 48.0	29 to 41	2" PVC casing/screen	53.0	36
GW-49 D	12/14/92	79.2	81.37	71.2 to 61.2	8 to 18	73.2 to 61.2	6 to 18	2" PVC casing/screen	*	*
GW-50 S	6/27/91	77.0	79.71	72.0 to 62.0	5 to 15	73.0 to 62.0	4 to 15	2" PVC casing/screen	*	*
GW-50 D	6/27/91	77.4	80.11	47.4 to 37.4	30 to 40	49.4 to 37.4	28 to 40	2" PVC casing/screen	42.4	35
GW-51 S	6/19/91	82.9	84.59	79.9 to 74.9	3 to 8	80.4 to 74.9	2.5 to 8	2" PVC casing/screen	*	*
GW-51 D	6/19/91	82.8	84.52	71.8 to 61.8	11 to 21	75.0 to 63.8	7.8 to 19	2" PVC casing/screen	68.8	14
GW-52 S	6/13/91	85.6	87.99	80.4 to 75.4	5.2 to 10.2	82.6 to 75.1	3 to 10.5	2" PVC casing/screen	*	*
GW-52 D	6/18/91	85.8	88.00	73.8 to 63.8	12 to 22	76.8 to 63.8	9 to 22	2" PVC casing/screen	70.8	15
GW-53 S	6/13/91	89.3	91.86	83.8 to 78.8	5.5 to 10.5	86.3 to 78.8	3 to 10.5	2" PVC casing/screen	*	*
GW-53 D	6/17/91	89.0	90.67	77.5 to 67.5	11.5 to 21.5	79.5 to 67.0	9.5 to 22	2" PVC casing/screen	74.0	15

US EPA ARCHIVE DOCUMENT

Monitoring Well Construction Details

Olin Corporation
Wilmington, MA Facility

Monitoring Well	Date Completed	Ground Elevation (ft. MSL)	Top of Casing (ft. MSL)	Monitored Interval Elevation (ft.MSL)	Monitored Interval Depth (ft. bgs)	Sand Pack Interval Elevation (ft. MSL)	Sand Pack Interval Depth (ft. bgs)	Well Materials	Top of Bedrock Elevation (ft. MSL)	Top of Bedrock Depth (ft. bgs)
GW-54 S	6/13/91	86.4	88.85	81.4 to 76.4	5 to 10	82.4 to 76.2	4 to 10.2	2" PVC casing/screen	*	*
GW-54 D	6/14/91	86.6	89.15	76.1 to 66.1	10.5 to 20.5	77.6 to 66.1	9 to 20.5	2" PVC casing/screen	71.3	15.3
GW-55 S	7/2/91	79.8	81.44	74.8 to 69.8	5 to 10	75.8 to 69.8	4 to 10	2" PVC casing/screen	*	*
GW-55 D	7/2/91	79.7	81.73	69.7 to 59.7	10 to 20	69.7 to 59.7	10 to 20	2" PVC casing/screen	65.7	14
GW-56 S	7/9/91	80.6	83.01	75.6 to 65.6	5 to 15	77.6 to 65.6	3 to 15	2" PVC casing/screen	*	*
GW-56 D	7/9/91	80.5	82.76	65.5 to 55.5	15 to 25	67.5 to 55.5	13 to 25	2" PVC casing/screen	61.0	19.5
GW-57 D	1/29/91	95.3	94.99	74.3 to 64.3	21 to 31	77.3 to 64.3	18 to 31	2" PVC casing/screen	69.3	26
GW-58 S	8/3/92	96.0	98.21	78.0 to 68.0	18 to 28	80.0 to 68.0	16 to 28	2" PVC casing/screen	*	*
GW-58 D	8/3/92	96.1	98.19	26.1 to 16.1	70 to 80	29.1 to 16.1	67 to 80	2" PVC casing/screen	22.1	74
GW-59 S	2/7/92	85.3	85.08	75.3 to 65.3	10 to 20	77.3 to 65.3	8 to 20	2" PVC casing/screen	*	*
GW-59 D	2/7/92	85.2	85.06	36.2 to 21.2	49 to 64	38.2 to 20.2	47 to 65	2" PVC casing/screen	25.2	60
GW-60 S	4/29/92	88.9	90.48	81.9 to 71.9	7 to 17	83.9 to 70.9	5 to 18	2" PVC casing/screen	*	*
GW-60 D	4/29/92	88.6	90.73	67.6 to 57.6	21 to 31	70.6 to 57.6	18 to 31	2" PVC casing/screen	62.6	26
GW-61 S	4/30/92	81.7	83.51	71.7 to 61.7	10 to 20	73.7 to 61.7	8 to 20	2" PVC casing/screen	*	*
GW-61 D	4/30/92	81.5	83.66	40.5 to 30.5	41 to 51	43.5 to 29.5	38 to 52	2" PVC casing/screen	33.5	48
GW-61 BR	12/17/92	81.6	83.67	9.6 to -10.4	72 to 92	? to ?	NA to NA	4" PVC casing/3" open rock	33.6	48
GW-62 S	5/5/92	82.3	84.61	77.3 to 67.3	5 to 15	79.3 to 67.3	3 to 15	2" PVC casing/screen	*	*
GW-62 M	5/5/92	82.4	84.38	52.4 to 42.4	30 to 40	54.4 to 42.4	28 to 40	2" PVC casing/screen	*	*
GW-62 D	5/4/92	82.4	83.84	21.4 to 11.4	61 to 71	24.4 to 7.4	58 to 75	2" PVC casing/screen	16.4	66
GW-62 BR	7/22/92	81.9	83.70	6.9 to -19.1	75 to 101	? to ?	NA to NA	4" PVC casing/3" open rock	15.9	66
GW-62 BRD	1/6/93	82.0	83.66	-23.0 to -63.0	105 to 145	? to ?	NA to NA	4" PVC casing/3" open rock	16.0	66
GW-63 S	8/5/92	81.1	82.82	73.1 to 63.1	8 to 18	75.1 to 63.1	6 to 18	2" PVC casing/screen	*	*
GW-63 D	8/5/92	81.1	83.32	57.1 to 47.1	24 to 34	62.1 to 47.1	19 to 34	2" PVC casing/screen	52.1	29
GW-64 S	7/31/92	84.6	86.70	74.1 to 64.1	10.5 to 20.5	76.1 to 64.1	8.5 to 20.5	2" PVC casing/screen	*	*
GW-64 D	7/31/92	84.1	85.96	28.1 to 18.1	56 to 66	37.1 to 16.1	47 to 68	2" PVC casing/screen	20.6	63.5
GW-65 S	8/7/92	82.4	84.14	74.4 to 64.4	8 to 18	76.4 to 64.4	6 to 18	2" PVC casing/screen	*	*
GW-65 D	8/5/92	82.4	84.19	-2.6 to -18.1	85 to 101	-1.1 to -18.1	83.5 to 101	2" PVC casing/screen	-13.1	95.5
GW-65 BR	9/21/95	82.8	84.77	-27.2 to -57.2	110 to 140	? to ?	NA to NA	8" PVC casing/6" open rock	-21.2	104
GW-66 S	8/3/92	88.4	90.15	79.4 to 69.4	9 to 19	81.4 to 69.4	7 to 19	2" PVC casing/screen	*	*
GW-66 D	7/22/92	88.3	90.32	55.3 to 45.3	33 to 43	57.3 to 40.8	31 to 47.5	2" PVC casing/screen	48.3	40
GW-67 S	11/2/92	98.4	100.61	80.9 to 70.9	17.5 to 27.5	83.4 to 70.4	15 to 28	2" PVC casing/screen	*	*
GW-67 D	11/2/92	98.2	100.39	25.7 to 10.7	72.5 to 87.5	30.2 to 10.2	68 to 88	2" PVC casing/screen	17.2	81
GW-68 D	7/23/92	90.3	90.16	83.3 to 73.3	7 to 17	85.3 to 72.3	5 to 18	2" PVC casing/screen	79.3	11
GW-68 BR	12/10/92	90.2	89.83	59.2 to 14.2	31 to 76	? to ?	NA to NA	4" PVC casing/3" open rock	79.2	11
GW-69 S	7/27/92	90.9	92.28	77.9 to 67.9	13 to 23	82.4 to 67.9	8.5 to 23	2" PVC casing/screen	*	*
GW-69 D	7/27/92	91.1	93.05	55.1 to 45.1	36 to 46	57.1 to 45.1	34 to 46	2" PVC casing/screen	46.1	45
GW-70 S	7/26/92	92.2	91.99	78.2 to 68.2	14 to 24	80.2 to 68.2	12 to 24	2" PVC casing/screen	*	*
GW-70 D	7/28/92	92.3	92.10	40.3 to 30.3	52 to 62	42.3 to 30.3	50 to 62	2" PVC casing/screen	35.3	57
GW-71 S	11/17/92	93.9	95.60	80.9 to 70.9	13 to 23	87.9 to 70.9	6 to 23	2" PVC casing/screen	*	*

US EPA ARCHIVE DOCUMENT

Monitoring Well Construction Details
Olin Corporation
Wilmington, MA Facility

Monitoring Well	Date Completed	Ground Elevation (ft. MSL)	Top of Casing (ft. MSL)	Monitored Interval Elevation (ft.MSL)	Monitored Interval Depth (ft. bgs)	Sand Pack Interval Elevation (ft. MSL)	Sand Pack Interval Depth (ft. bgs)	Well Materials	Top of Bedrock Elevation (ft. MSL)	Top of Bedrock Depth (ft. bgs)
GW-71 D	11/19/92	94.4	96.65	54.4 to 44.4	40 to 50	57.4 to 44.1	37 to 50.3	2" PVC casing/screen	49.9	44.5
GW-72 D	11/17/92	86.0	88.19	74.0 to 64.0	12 to 22	76.0 to 61.0	10 to 25	2" PVC casing/screen	72.0	14
GW-73 S	4/19/93	83.4	83.39	68.4 to 58.4	15 to 25	70.4 to 58.4	13 to 25	2" PVC casing/screen	•	•
GW-73 D	4/19/93	83.8	83.49	29.5 to 19.5	54.3 to 64.3	31.3 to 19.3	52.5 to 64.5	2" PVC casing/screen	25.8	58
GW-74 S	3/31/93	77.7	77.43	67.7 to 57.7	10 to 20	69.7 to 57.7	8 to 20	2" PVC casing/screen	•	•
GW-74 D	3/31/93	77.7	77.22	57.2 to 47.2	20.5 to 30.5	59.7 to 47.2	18 to 30.5	2" PVC casing/screen	52.7	25
GW-75 S	5/6/93	81.1	83.28	71.1 to 61.1	10 to 20	73.1 to 61.1	8 to 20	2" PVC casing/screen	•	•
GW-75 D	5/6/93	81.4	83.49	45.4 to 35.4	36 to 46	47.4 to 35.4	34 to 46	2" PVC casing/screen	40.4	41
GW-76 S	1/17/95	85.9	87.10	82.9 to 72.9	3 to 13	84.4 to 72.9	1.5 to 13	2" PVC casing/screen	•	•
GW-77 S	1/17/95	84.0	85.51	83.0 to 73.0	1 to 11	83.0 to 73.0	1 to 11	2" PVC casing/screen	•	•
GW-78 S	1/16/95	82.5	84.87	82.5 to 73.5	0 to 9	82.5 to 73.5	0 to 9	2" PVC casing/screen	73.5	9
GW-79 S	1/16/95	79.3	81.39	79.3 to 69.3	0 to 10	79.3 to 69.3	0 to 10	2" PVC casing/screen	•	•
GW-80 S	7/24/95	79.6	79.17	76.6 to 70.6	3 to 9	77.1 to 69.6	2.5 to 10	4" PVC casing/screen	•	•
GW-80 D	7/24/95	79.4	79.06	69.7 to 59.7	9.7 to 19.7	71.4 to 58.9	8 to 20.5	4" PVC casing/screen	61.2	18.2
GW-80 BR	7/21/95	79.3	78.91	49.3 to 9.3	30 to 70	? to ?	NA to NA	8" PVC casing/6" open rock	61.3	18
GW-81 D	7/26/95	86.1	85.86	81.1 to 71.1	5 to 15	82.1 to 71.1	4 to 15	4" PVC casing/screen	72.6	13.5
GW-81 BR	7/26/95	86.2	86.01	65.2 to 36.2	21 to 50	? to ?	NA to NA	8" PVC casing/6" open rock	72.6	13.6
GW-82 S	9/28/96	80.2	87.57	66.2 to 56.2	14 to 24	69.2 to 56.2	11 to 24	2" PVC casing/screen	•	•
GW-82 D	9/27/96	80.2	87.09	30.2 to 20.2	50 to 60	33.2 to 20.2	47 to 60	2" PVC casing/screen	20.2	60
GW-83 S	10/2/96	79.9	88.23	40.9 to 30.9	39 to 49	44.9 to 30.9	35 to 49	2" PVC casing/screen	•	•
GW-83 M	10/1/96	79.9	88.35	15.9 to -4.1	64 to 84	17.9 to -4.1	62 to 84	2" PVC casing/screen	•	•
GW-83 D	9/29/96	79.9	87.28	-30.7 to -40.9	111 to 121	-25.1 to -40.9	105 to 121	2" PVC casing/screen	-36.1	116
GW-84 S	11/11/96	79.4	87.94	44.4 to 34.4	35 to 45	47.4 to 34.4	32 to 45	2" PVC casing/screen	•	•
GW-84 M	11/11/96	79.4	88.17**	19.4 to 4.4	60 to 75	21.4 to 4.4	58 to 75	2" PVC casing/screen	•	•
GW-84 D	11/8/96	79.4	87.61	-10.6 to -25.6	90 to 105	-7.6 to -25.6	87 to 105	2" PVC casing/screen	-20.6	100
GW-85 M	10/14/96	79.1	87.13	35.1 to 15.1	44 to 64	39.1 to 15.1	40 to 64	2" PVC casing/screen	•	•
GW-85 D	10/15/96	79.1	87.24	-0.9 to -10.9	80 to 90	3.1 to -10.9	76 to 90	2" PVC casing/screen	-5.9	85
GW-86 S	11/23/96	77.9	87.21	63.4 to 53.4	14.5 to 24.5	65.9 to 52.9	12 to 25	2" PVC casing/screen	•	•
GW-86 M	11/22/96	77.9	87.16	30.9 to 15.9	47 to 62	33.9 to 10.9	44 to 67	2" PVC casing/screen	•	•
GW-86 D	11/20/96	77.9	86.76**	-2.1 to -12.1	80 to 90	0.9 to -12.1	77 to 90	2" PVC casing/screen	-7.1	85
GW-87 D	11/21/96	78.3	87.45**	-18.7 to -28.7	97 to 107	-15.7 to -28.7	94 to 107	2" PVC casing/screen	-25.7	104
SL-1 S	11/11/87	84.1	86.47	79.1 to 69.1	5 to 15	? to ?	? to ?	2" PVC casing/screen	?	?
SL-1 D	11/12/87	84.2	86.44	79.7 to 69.7	4.5 to 14.5	? to 14.6	? to 69.6	2" PVC casing/screen	71.7	12.5
SL-2	11/13/87	83.5	85.80	78.5 to 68.5	5 to 15	? to 15.0	? to 68.5	2" PVC casing/screen	70.5	13
SL-3	11/20/87	90.5	92.64	79.5 to 69.5	11 to 21	? to 21.0	? to 69.5	2" PVC casing/screen	71.5	19
SL-4	11/16/87	100.8	103.19	95.1 to 90.1	5.7 to 10.7	? to 10.8	? to 90	2" PVC casing/screen	92.8	8
SL-5	11/17/87	92.6	94.41	87.6 to 77.6	5 to 15	? to 14.8	? to 77.8	2" PVC casing/screen	79.6	13
SL-6	11/18/87	90.1	92.71	79.1 to 69.1	11 to 21	? to 21.0	? to 69.1	2" PVC casing/screen	71.1	19

US EPA ARCHIVE DOCUMENT

Monitoring Well Construction Details
Olin Corporation
Wilmington, MA Facility

Monitoring Well	Date Completed	Ground Elevation (ft. MSL)	Top of Casing (ft. MSL)	Monitored Interval Elevation (ft.MSL)	Monitored Interval Depth (ft. bgs)	Sand Pack Interval Elevation (ft. MSL)	Sand Pack Interval Depth (ft. bgs)	Well Materials	Top of Bedrock Elevation (ft. MSL)	Top of Bedrock Depth (ft. bgs)
SL-7	11/19/87	93.3	95.54	88.3 to 83.3	5 to 10	? to 10.0	? to 83.3	2" PVC casing/screen	86.3	7
SL-8	11/19/87	90.9	92.42	89.9 to 84.9	1 to 6	? to 6.0	? to 84.9	2" PVC casing/screen	87.9	3
GT-4 S	?	?	86.39	? to ?	4 to 9	? to ?	? to ?	2" PVC casing/screen	?	?
GT-4 D	?	86.3	88.51	77.3 to 62.3	9 to 24	? to ?	? to ?	2" PVC casing/screen	58.3	28
GT-5	?	84.1	88.03	67.6 to 52.6	16.5 to 31.5	? to ?	? to ?	2" PVC casing/screen	50.1	34
GT-6 S	?	?	87.40	? to ?	3.5 to 8.5	? to ?	? to ?	2" PVC casing/screen	?	?
GT-6 D	?	86.5	87.25	68.5 to 53.5	18 to 33	? to ?	? to ?	2" PVC casing/screen	50.0	36.5
GT-7	?	?	90.51	? to ?	0.3 to 25.3	? to ?	? to ?	2" PVC casing/screen	?	?
GT-8	?	91.6	?	? to ?	? to ?	? to ?	? to ?	2" PVC casing/screen	60.6	31
GT-9 S	?	?	86.97	? to ?	4 to 9	? to ?	? to ?	2" PVC casing/screen	?	?
GT-9 D	?	?	97.62	? to ?	18 to 33	? to ?	? to ?	2" PVC casing/screen	?	?

Source- Comprehensive Site Assessment (CRA, 1993)
Smith Environmental Well Logs

B -Refusal at reported depth. Bedrock contact not confirmed.
* -Bedrock not encountered during construction of the well
? -Depth/elevation unknown
NA -Not applicable
** -Well repaired in early March 1997, new inner casing elevations are as follows:

GW-45-D	89.43 ft msl
GW-84-M	88.05 ft msl
GW-86-D	86.88 ft msl
GW-87-D	87.42 ft msl

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DATE:03/13/97 Smith Environmental Technologies WL-1

Water Level Report

Table 2-3

Site-Wide Water Level Monitoring: October 1995

Olin Corporation

Wilmington, MA Facility

Location	Date	Casing	Reference Elevation	Measurement	Water Elevation
GT-04-D	10/09/95	Inner	88.51	9.22	79.29
GT-04-S	10/09/95	Inner	86.39	6.81	79.58
GT-06-D	10/09/95	Inner	87.25	8.03	79.22
GT-06-S	10/09/95	Inner	87.40	5.28	82.12
GT-07	10/08/95	Inner	90.51	11.12	79.39
GW-03-D	10/09/95	Inner	85.23	6.83	78.40
GW-03-S	10/09/95	Inner	86.69	8.16	78.53
GW-04	10/09/95	Inner	82.12	6.45	75.67
GW-04-D	10/09/95	Inner	79.23	3.43	75.80
GW-05	10/08/95	Inner	79.46	3.78	75.68
GW-06-D	10/09/95	Inner	89.43	10.21	79.22
GW-06-S	10/09/95	Inner	88.72	9.12	79.60
GW-08	10/08/95	Inner	83.19	6.24	76.95
GW-10-D	10/09/95	Inner	84.19	5.61	78.58
GW-10-S	10/08/95	Inner	89.61	10.87	78.74
GW-11	10/09/95	Inner	87.22	7.41	79.81
GW-12	10/08/95	Inner	84.62	4.35	80.27
GW-13	10/09/95	Inner	90.62	12.62	78.00
GW-14	10/08/95	Inner	88.70	10.51	78.19
GW-15	10/09/95	Inner	90.07	10.27	79.80
GW-16	10/08/95	Inner	91.18	10.99	80.19
GW-17-D	10/09/95	Inner	81.46	3.77	77.69
GW-17-S	10/09/95	Inner	82.10	4.13	77.97
GW-18-D	10/08/95	Inner	88.96	14.09	74.87
GW-18-S	10/08/95	Inner	89.64	999.99	-910.35

US EPA ARCHIVE DOCUMENT

DATE:03/13/97 Smith Environmental Technologies WL-2

Water Level Report

Table 2-3

Site-Wide Water Level Monitoring: October 1995

Olin Corporation

Wilmington, MA Facility

Location	Date	Casing	Reference Elevation	Measurement	Water Elevation
GW-19-D	10/09/95	Inner	89.78	10.44	79.34
GW-19-S	10/09/95	Inner	89.88	10.42	79.46
GW-20	10/09/95	Inner	85.60	10.24	75.36
GW-21-D	10/09/95	Inner	86.08	4.67	81.41
GW-21-S	10/09/95	Inner	90.90	8.40	82.50
GW-22-D	10/09/95	Inner	87.06	8.04	79.02
GW-22-S	10/09/95	Inner	87.32	7.52	79.80
GW-24	10/08/95	Outer	83.57	3.89	79.68
GW-25	10/08/95	Outer	85.99	5.91	80.08
GW-26	10/08/95	Outer	84.96	6.28	78.68
GW-27-D	10/09/95	Inner	89.40	10.23	79.17
GW-27-S	10/09/95	Inner	89.40	10.23	79.17
GW-28-D	10/09/95	Inner	84.81	4.45	80.36
GW-28-S	10/09/95	Inner	85.57	5.14	80.43
GW-29-D	10/09/95	Inner	84.58	5.78	78.80
GW-29-S	10/09/95	Inner	84.27	2.03	82.24
GW-30-DR	10/09/95	Inner	89.32	11.21	78.11
GW-31-D	10/09/95	Inner	91.68	12.66	79.02
GW-31-S	10/09/95	Inner	91.41	12.65	78.76
GW-32-D	10/09/95	Inner	89.20	10.08	79.12
GW-32-S	10/09/95	Inner	87.74	10.05	77.69
GW-33-D	10/09/95	Inner	89.64	10.41	79.23
GW-33-S	10/09/95	Inner	89.88	10.72	79.16
GW-34-D	10/09/95	Inner	90.27	11.16	79.11
GW-34-S	10/09/95	Inner	90.21	11.04	79.17

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Water Level Report

Table 2-3

Site-Wide Water Level Monitoring: October 1995

Olin Corporation

Wilmington, MA Facility

Location	Date	Casing	Reference Elevation	Measurement	Water Elevation
GW-35-D	10/09/95	Inner	89.76	10.53	79.23
GW-35-S	10/09/95	Inner	89.57	10.59	78.98
GW-36	10/09/95	Inner	85.77	6.77	79.00
GW-37	10/09/95	Inner	83.51	4.23	79.28
GW-38	10/09/95	Inner	86.95	7.25	79.70
GW-39	10/08/95	Inner	83.55	3.11	80.44
GW-40-D	10/08/95	Inner	88.00	11.97	76.03
GW-40-S	10/08/95	Inner	88.46	12.27	76.19
GW-42-D	10/09/95	Inner	84.17	4.62	79.55
GW-42-S	10/09/95	Inner	84.16	4.38	79.78
GW-43-D	10/08/95	Inner	87.97	9.46	78.51
GW-43-S	10/08/95	Inner	87.36	8.81	78.55
GW-44-D	10/08/95	Inner	85.24	7.11	78.13
GW-44-S	10/08/95	Inner	85.70	7.36	78.34
GW-45-D	10/08/95	Inner	89.36	10.90	78.46
GW-45-S	10/08/95	Inner	89.43	11.08	78.35
GW-46-D	10/08/95	Inner	85.90	4.61	81.29
GW-47	10/08/95	Inner	93.18	9.63	83.55
GW-48-D	10/08/95	Inner	90.86	11.94	78.92
GW-48-S	10/08/95	Inner	91.14	12.05	79.09
GW-49-D	10/08/95	Inner	81.37	5.92	75.45
GW-50-D	10/09/95	Inner	80.11	4.57	75.54
GW-50-S	10/09/95	Inner	79.71	4.11	75.60
GW-51-D	10/09/95	Inner	84.52	7.53	76.99
GW-51-S	10/09/95	Inner	84.59	7.12	77.47

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Water Level Report

Table 2-3

Site-Wide Water Level Monitoring: October 1995

Olin Corporation

Wilmington, MA Facility

Location	Date	Casing	Reference Elevation	Measurement	Water Elevation
GW-52-D	10/09/95	Inner	88.00	9.71	78.29
GW-52-S	10/09/95	Inner	87.99	9.54	78.45
GW-53-D	10/09/95	Inner	90.67	8.03	82.64
GW-53-S	10/09/95	Inner	91.86	8.72	83.14
GW-54-D	10/09/95	Inner	89.15	6.44	82.71
GW-54-S	10/09/95	Inner	88.85	5.37	83.48
GW-55-D	10/09/95	Inner	81.73	2.92	78.81
GW-55-S	10/09/95	Inner	81.44	2.77	78.67
GW-56-D	10/08/95	Inner	82.76	6.97	75.79
GW-56-S	10/08/95	Inner	83.01	7.28	75.73
GW-57-D	10/08/95	Inner	94.99	16.88	78.11
GW-58-D	10/08/95	Inner	98.19	19.82	78.37
GW-58-S	10/08/95	Inner	98.21	19.90	78.31
GW-59-D	10/08/95	Inner	85.06	6.08	78.98
GW-59-S	10/08/95	Inner	85.08	6.57	78.51
GW-60-D	10/08/95	Inner	90.73	12.15	78.58
GW-60-S	10/08/95	Inner	90.48	11.64	78.84
GW-61-BR	10/08/95	Inner	83.67	6.45	77.22
GW-61-D	10/08/95	Inner	83.66	6.37	77.29
GW-61-S	10/08/95	Inner	83.51	6.68	76.83
GW-62-BR	10/08/95	Inner	83.70	5.67	78.03
GW-62-BRD	10/08/95	Inner	83.66	5.41	78.25
GW-62-D	10/08/95	Inner	83.84	5.44	78.40
GW-62-M	10/08/95	Inner	84.38	5.97	78.41
GW-62-S	10/08/95	Inner	84.61	6.16	78.45

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Water Level Report

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Site-Wide Water Level Monitoring: October 1995

Olin Corporation

Wilmington, MA Facility

Location	Date	Casing	Reference Elevation	Measurement	Water Elevation
GW-63-D	10/08/95	Inner	83.32	13.52	69.80
GW-63-S	10/08/95	Inner	82.82	13.20	69.62
GW-64-D	10/08/95	Inner	85.96	17.20	68.76
GW-64-S	10/08/95	Inner	86.70	18.46	68.24
GW-65-BR	10/08/95	Inner	84.77	16.15	68.62
GW-65-D	10/08/95	Inner	84.19	15.14	69.05
GW-65-S	10/08/95	Inner	84.14	14.47	69.67
GW-66-D	10/08/95	Inner	90.32	11.87	78.45
GW-66-S	10/08/95	Inner	90.15	11.72	78.43
GW-67-D	10/08/95	Inner	100.39	22.24	78.15
GW-67-S	10/08/95	Inner	100.61	22.45	78.16
GW-68-BR	10/08/95	Inner	89.93	8.55	81.38
GW-68-D	10/08/95	Inner	90.16	9.92	80.24
GW-69-D	10/08/95	Inner	93.05	14.65	78.40
GW-69-S	10/08/95	Inner	92.28	13.94	78.34
GW-70-D	10/08/95	Inner	92.10	13.67	78.43
GW-70-S	10/08/95	Inner	91.99	13.56	78.43
GW-71-D	10/08/95	Inner	96.65	18.22	78.43
GW-71-S	10/08/95	Inner	95.60	17.06	78.54
GW-73-D	10/08/95	Inner	83.49	15.14	68.35
GW-73-S	10/08/95	Inner	83.39	15.40	67.99
GW-74-D	10/08/95	Inner	77.22	4.18	73.04
GW-74-S	10/08/95	Inner	77.43	4.42	73.01
GW-75-D	10/08/95	Inner	83.49	7.42	76.07
GW-75-S	10/08/95	Inner	83.28	7.93	75.35

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Water Level Report

Table 2-3

Site-Wide Water Level Monitoring: October 1995

Olin Corporation

Wilmington, MA Facility

Location	Date	Casing	Reference Elevation	Measurement	Water Elevation
GW-76-S	10/08/95	Inner	87.10	8.34	78.76
GW-77-S	10/08/95	Inner	85.51	5.07	80.44
GW-78-S	10/08/95	Inner	84.87	5.28	79.59
GW-79-S	10/08/95	Inner	81.39	3.68	77.71
GW-80-BR	10/08/95	Inner	78.91	3.34	75.57
GW-80-D	10/08/95	Inner	79.06	3.46	75.60
GW-80-S	10/08/95	Inner	79.17	3.28	75.89
GW-81-BR	10/08/95	Inner	86.01	16.56	69.45
GW-81-D	10/08/95	Inner	85.86	6.35	79.51
GW-98	10/08/95	Inner	87.22	9.10	78.12
GW-99	10/08/95	Inner	90.81	12.20	78.61
PZ-11	10/08/95	Inner	84.45	5.71	78.74
PZ-11-SW	10/08/95	Outer	84.45	999.99	-915.54
PZ-12	10/09/95	Inner	84.11	3.79	80.32
PZ-12-SW	10/09/95	Outer	84.11	3.75	80.36
PZ-13	10/09/95	Inner	83.90	3.68	80.22
PZ-13-SW	10/09/95	Outer	83.90	3.57	80.33
PZ-14	10/09/95	Inner	83.96	3.59	80.37
PZ-14-SW	10/09/95	Outer	83.96	3.59	80.37
PZ-15	10/09/95	Inner	79.03	3.58	75.45
PZ-15-SW	10/09/95	Outer	79.03	3.58	75.45
PZ-16	10/09/95	Inner	80.83	3.33	77.50
PZ-16-SW	10/09/95	Outer	80.83	999.99	-919.16
PZ-17	10/09/95	Inner	83.33	3.83	79.50
PZ-17-SW	10/09/95	Outer	83.33	4.32	79.01

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Water Level Report

Table 2-3

Site-Wide Water Level Monitoring: October 1995

Olin Corporation

Wilmington, MA Facility

Location	Date	Casing	Reference Elevation	Measurement	Water Elevation
SL-01-D	10/08/95	Inner	86.44	7.96	78.48
SL-01-S	10/08/95	Inner	86.47	7.91	78.56
SL-02	10/08/95	Inner	85.80	9.27	76.53
SL-03	10/08/95	Inner	92.64	16.85	75.79
SL-04	10/08/95	Inner	103.19	999.99	-896.80
SL-05	10/08/95	Inner	94.41	999.99	-905.58
SL-06	10/08/95	Inner	92.71	17.48	75.23
SL-07	10/08/95	Inner	95.25	11.19	84.06
SL-08	10/08/95	Inner	92.42	5.59	86.83
SP-01	10/08/95	Inner	83.07	2.50	80.57
SP-02	10/08/95	Inner	84.27	3.35	80.92
SP-03	10/08/95	Inner	87.87	7.59	80.28
SP-04	10/08/95	Inner	89.51	999.99	-910.48
SP-05	10/08/95	Inner	94.35	999.99	-905.64
SP-08	10/09/95	Outer	89.70	21.96	67.74
WEIR	10/04/95	Outer	79.09	-0.07	79.16
	10/08/95	Outer	79.09	-1.20	80.29
	10/13/95	Outer	79.09	-1.20	80.29
	10/17/95	Outer	79.09	-1.41	80.50
	10/24/95	Outer	79.09	-1.52	80.61

Wells GW-45-D, GW-84-M, GW-86-D, and GW-87-D were repaired in early March 1997, thus inner casing elevations changed.

999.99 entered as depth to water in wells which are dry or frozen at time of sampling

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Water Level Report

Table 2-4

Site-Wide Water Level Monitoring: April/May 1996

Olin Corporation

Wilmington, MA Facility

Location	Date	Casing	Reference Elevation	Measurement	Water Elevation
GT-04-D	05/01/96	Inner	88.51	6.96	81.55
GT-04-S	05/01/96	Inner	86.39	4.86	81.53
GT-06-D	05/01/96	Inner	87.25	5.71	81.54
GT-06-S	05/01/96	Inner	87.40	5.57	81.83
GT-07	04/30/96	Inner	90.51	7.51	83.00
GT-09-D	05/01/96	Inner	87.62	6.04	81.58
GW-03-D	05/01/96	Inner	85.23	4.53	80.70
GW-03-S	05/01/96	Inner	86.69	5.36	81.33
GW-04	05/01/96	Inner	82.12	5.52	76.60
GW-04-D	05/01/96	Inner	79.23	2.25	76.98
GW-05	04/30/96	Inner	79.46	2.74	76.72
GW-06-D	05/01/96	Inner	89.43	7.51	81.92
GW-06-S	05/01/96	Inner	88.72	5.97	82.75
GW-07	05/01/96	Outer	84.81	4.41	80.40
GW-08	05/01/96	Inner	83.19	4.10	79.09
GW-10-D	04/30/96	Inner	84.19	4.06	80.13
GW-10-S	05/01/96	Inner	89.61	8.47	81.14
GW-11	05/01/96	Inner	87.22	5.91	81.31
GW-12	05/01/96	Inner	84.62	2.98	81.64
GW-13	04/30/96	Inner	90.62	11.87	78.75
GW-15	04/30/96	Inner	90.07	8.56	81.51
GW-16	04/30/96	Inner	91.18	9.55	81.63
GW-17-D	05/01/96	Inner	81.46	2.29	79.17
GW-17-S	05/01/96	Inner	82.10	2.88	79.22
GW-18-D	05/01/96	Inner	88.96	11.12	77.84

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Water Level Report

Table 2-4

Site-Wide Water Level Monitoring: April/May 1996

Olin Corporation

Wilmington, MA Facility

Location	Date	Casing	Reference Elevation	Measurement	Water Elevation
GW-18-S	05/01/96	Inner	89.64	11.37	78.27
GW-19-D	05/01/96	Inner	89.78	8.27	81.51
GW-19-S	05/01/96	Inner	89.88	7.97	81.91
GW-20	05/01/96	Inner	85.60	5.42	80.18
GW-21-D	04/30/96	Inner	86.08	2.45	83.63
GW-21-S	04/30/96	Inner	90.90	6.98	83.92
GW-22-D	04/30/96	Inner	87.06	5.22	81.84
GW-22-S	04/30/96	Inner	87.32	4.55	82.77
GW-24	05/01/96	Outer	83.57	1.97	81.60
GW-25	05/01/96	Outer	85.99	4.77	81.22
GW-26	05/01/96	Outer	84.96	3.84	81.12
GW-27-D	05/01/96	Inner	89.40	8.03	81.37
GW-27-S	05/01/96	Inner	89.40	7.91	81.49
GW-28-D	04/30/96	Inner	84.81	1.62	83.19
GW-28-S	04/30/96	Inner	85.57	2.38	83.19
GW-29-D	04/30/96	Inner	84.58	3.16	81.42
GW-29-S	04/30/96	Inner	84.27	1.36	82.91
GW-30-DR	05/01/96	Inner	89.32	8.83	80.49
GW-31-D	04/30/96	Inner	91.68	10.29	81.39
GW-31-S	04/30/96	Inner	91.41	9.97	81.44
GW-32-D	04/30/96	Inner	89.20	7.81	81.39
GW-32-S	04/30/96	Inner	87.74	7.01	80.73
GW-33-D	04/30/96	Inner	89.64	7.77	81.87
GW-33-S	04/30/96	Inner	89.88	8.03	81.85
GW-34-D	04/30/96	Inner	90.27	8.64	81.63

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Water Level Report

Table 2-4

Site-Wide Water Level Monitoring: April/May 1996

Olin Corporation

Wilmington, MA Facility

Location	Date	Casing	Reference Elevation	Measurement	Water Elevation
GW-34-S	04/30/96	Inner	90.21	8.42	81.79
GW-35-D	05/01/96	Inner	89.76	8.06	81.70
GW-35-S	05/01/96	Inner	89.57	7.80	81.77
GW-36	04/30/96	Inner	85.77	4.26	81.51
GW-37	05/01/96	Inner	83.51	2.25	81.26
GW-38	05/01/96	Inner	86.95	5.67	81.28
GW-39	05/01/96	Inner	83.55	2.59	80.96
GW-40-D	05/01/96	Inner	88.00	6.31	81.69
GW-40-S	05/01/96	Inner	88.46	6.09	82.37
GW-42-D	04/30/96	Inner	84.17	2.25	81.92
GW-42-S	04/30/96	Inner	84.16	2.78	81.38
GW-43-D	04/30/96	Inner	87.97	7.01	80.96
GW-43-S	04/30/96	Inner	87.36	6.22	81.14
GW-44-D	04/30/96	Inner	85.24	4.94	80.30
GW-44-S	04/30/96	Inner	85.70	4.55	81.15
GW-45-D	04/30/96	Inner	89.36	8.19	81.17
GW-45-S	04/30/96	Inner	89.43	8.31	81.12
GW-46-D	04/30/96	Inner	85.90	3.32	82.58
GW-47	04/30/96	Inner	93.18	10.30	82.88
GW-48-D	04/30/96	Inner	90.86	9.84	81.02
GW-48-S	04/30/96	Inner	91.14	9.94	81.20
GW-49-D	04/30/96	Inner	81.37	5.33	76.04
GW-50-D	05/01/96	Inner	80.11	3.35	76.76
GW-50-S	05/01/96	Inner	79.71	2.94	76.77
GW-51-D	05/01/96	Inner	84.52	6.13	78.39

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Water Level Report

Table 2-4

Site-Wide Water Level Monitoring: April/May 1996

Olin Corporation

Wilmington, MA Facility

Location	Date	Casing	Reference Elevation	Measurement	Water Elevation
GW-51-S	05/01/96	Inner	84.59	4.96	79.63
GW-52-D	04/30/96	Inner	88.00	8.09	79.91
GW-52-S	04/30/96	Inner	87.99	7.93	80.06
GW-53-D	04/30/96	Inner	90.67	5.22	85.45
GW-53-S	04/30/96	Inner	91.86	6.05	85.81
GW-54-D	04/30/96	Inner	89.15	3.96	85.19
GW-54-S	04/30/96	Inner	88.85	3.09	85.76
GW-55-D	05/01/96	Inner	81.73	1.75	79.98
GW-55-S	05/01/96	Inner	81.44	1.48	79.96
GW-56-D	05/01/96	Inner	82.76	4.75	78.01
GW-56-S	05/01/96	Inner	83.01	4.99	78.02
GW-57-D	04/30/96	Inner	94.99	13.76	81.23
GW-58-D	04/30/96	Inner	98.19	17.14	81.05
GW-58-S	04/30/96	Inner	98.21	17.12	81.09
GW-60-D	04/30/96	Inner	90.73	9.34	81.39
GW-60-S	04/30/96	Inner	90.48	8.79	81.69
GW-61-BR	04/30/96	Inner	83.67	2.96	80.71
GW-61-D	04/30/96	Inner	83.66	2.99	80.67
GW-61-S	04/30/96	Inner	83.51	3.04	80.47
GW-62-BR	04/30/96	Inner	83.70	2.92	80.78
GW-62-BRD	04/30/96	Inner	83.66	2.90	80.76
GW-62-D	04/30/96	Inner	83.84	2.80	81.04
GW-62-M	04/30/96	Inner	84.38	3.33	81.05
GW-62-S	04/30/96	Inner	84.61	3.58	81.03
GW-63-D	04/30/96	Inner	83.32	3.80	79.52

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Water Level Report

Table 2-4

Site-Wide Water Level Monitoring: April/May 1996

Olin Corporation

Wilmington, MA Facility

Location	Date	Casing	Reference Elevation	Measurement	Water Elevation
GW-63-S	04/30/96	Inner	82.82	3.26	79.56
GW-64-D	04/30/96	Inner	85.96	7.43	78.53
GW-64-S	04/30/96	Inner	86.70	8.54	78.16
GW-65-BR	04/30/96	Inner	84.77	8.86	75.91
GW-65-D	04/30/96	Inner	84.19	6.22	77.97
GW-65-S	04/30/96	Inner	84.14	4.72	79.42
GW-66-D	04/30/96	Inner	90.32	9.20	81.12
GW-66-S	04/30/96	Inner	90.15	9.03	81.12
GW-67-D	04/30/96	Inner	100.39	19.39	81.00
GW-67-S	04/30/96	Inner	100.61	19.60	81.01
GW-68-BR	05/01/96	Inner	89.93	7.10	82.83
GW-69-D	04/30/96	Inner	93.05	11.96	81.09
GW-69-S	04/30/96	Inner	92.28	11.22	81.06
GW-70-D	04/30/96	Inner	92.10	10.91	81.19
GW-70-S	04/30/96	Inner	91.99	10.81	81.18
GW-71-D	04/30/96	Inner	96.65	15.46	81.19
GW-71-S	04/30/96	Inner	95.60	14.34	81.26
GW-73-D	04/30/96	Inner	83.49	5.15	78.34
GW-73-S	04/30/96	Inner	83.39	5.17	78.22
GW-74-D	04/30/96	Inner	77.22	4.02	73.20
GW-74-S	04/30/96	Inner	77.43	4.30	73.13
GW-75-D	04/30/96	Inner	83.49	3.46	80.03
GW-75-S	04/30/96	Inner	83.28	3.94	79.34
GW-76-S	05/01/96	Inner	87.10	5.92	81.18
GW-77-S	04/30/96	Inner	85.51	4.23	81.28

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Water Level Report

Table 2-4

Site-Wide Water Level Monitoring: April/May 1996

Olin Corporation

Wilmington, MA Facility

Location	Date	Casing	Reference Elevation	Measurement	Water Elevation
GW-78-S	05/01/96	Inner	84.87	3.93	80.94
GW-79-S	05/01/96	Inner	81.39	2.43	78.96
GW-80-BR	04/30/96	Inner	78.91	2.67	76.24
GW-80-D	04/30/96	Inner	79.06	2.77	76.29
GW-80-S	04/30/96	Inner	79.17	2.87	76.30
GW-81-BR	05/01/96	Inner	86.01	5.83	80.18
GW-81-D	05/01/96	Inner	85.86	3.61	82.25
GW-98	04/30/96	Inner	87.22	7.44	79.78
GW-99	04/30/96	Inner	90.81	9.66	81.15
MMB-SG-1	04/30/96	Inner	82.60	0.55	82.05
MMB-SG-2	04/30/96	Inner	81.89	1.32	80.57
PZ-11	05/01/96	Inner	84.45	3.32	81.13
PZ-11-SW	05/01/96	Outer	84.45	3.38	81.07
PZ-12	05/01/96	Inner	84.11	2.99	81.12
PZ-12-SW	05/01/96	Outer	84.11	3.03	81.08
PZ-13	05/01/96	Inner	83.90	2.79	81.11
PZ-13-SW	05/01/96	Outer	83.90	2.82	81.08
PZ-14	05/01/96	Inner	83.96	2.87	81.09
PZ-14-SW	05/01/96	Outer	83.96	2.91	81.05
PZ-15	05/01/96	Inner	79.03	3.04	75.99
PZ-15-SW	05/01/96	Outer	79.03	3.10	75.93
PZ-16	05/01/96	Inner	80.83	1.82	79.01
PZ-16-SW	05/01/96	Outer	80.83	1.75	79.08
PZ-17	05/01/96	Inner	83.33	2.78	80.55
PZ-17-SW	05/01/96	Outer	83.33	4.04	79.29

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DATE:03/13/97 Smith Environmental Technologies WL-7

Water Level Report

Table 2-4

Site-Wide Water Level Monitoring: April/May 1996

Olin Corporation

Wilmington, MA Facility

Location	Date	Casing	Reference Elevation	Measurement	Water Elevation
SL-01-D	04/30/96	Inner	86.44	3.47	82.97
SL-01-S	05/01/96	Inner	86.47	3.55	82.92
SL-02	05/01/96	Inner	85.80	2.98	82.82
SL-03	05/01/96	Inner	92.64	9.71	82.93
SL-04	05/01/96	Inner	103.19	999.99	-896.80
SL-05	05/01/96	Inner	94.41	13.99	80.42
SL-06	05/01/96	Inner	92.71	10.98	81.73
SL-07	05/01/96	Inner	95.25	11.55	83.70
SL-08	05/01/96	Inner	92.42	5.54	86.88
SP-01	04/30/96	Inner	83.07	1.26	81.81
SP-02	04/30/96	Inner	84.27	1.67	82.60
SP-03	04/30/96	Inner	87.87	5.82	82.05
SP-05	04/30/96	Inner	94.35	13.12	81.23
SP-06	04/30/96	Inner	94.30	13.15	81.15
SP-08	04/30/96	Outer	89.70	12.06	77.64
WEIR	05/01/96	Outer	79.09	-2.01	81.10
	05/03/96	Outer	79.09	-2.00	81.09
	05/09/96	Outer	79.09	-2.00	81.09

Wells GW-45-D, GW-84-M, GW-86-D, and GW-87-D were repaired in early March 1997, thus inner casing elevations have changed.

999.99 entered as depth to water in wells which are dry or frozen at time of sampling

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TABLE 2-5

Hydraulic Heads Corrected for Density Effects

Olin Corporation
Wilmington, MA Facility

Well	Elevation of Screen (feet)	Elevation of Interface in Aquifer (1) (feet)	Elevation of Interface within Well (2) (feet)	Specific Gravity	October 1995 Measured Head (feet)	October 1995 Corrected Head (feet)	October 1995 Maximum Correction (4) (feet)	April/May 1996 Measured Head (feet)	April/May 1996 Corrected Head (feet)	April/May 1996 Maximum Correction (4) (feet)
GW-4D	58.5 to 68.5	68	(3)		75.80			76.98		
GW-10D	56.3 to 66.3	61	(3)		78.58			80.13		
GW-22D	50.2 to 55.2	59.1	63	1.05	79.02	79.7	80.5	81.84	82.5	83.4
GW-27D	52.6 to 62.6	62	(3)		79.17			81.37		
GW-30DR	46.5 to 56.5	59.2	61	1.09	78.11	79.4	81.0	80.49	81.8	83.5
GW-35D	47.3 to 57.3	58.1	(3)		79.23			81.70		
GW-36	47.3 to 57.3	60.3	60	1.07	79.00	79.9	81.2	81.51	82.4	83.9
GW-37	52.5 to 62.5	58.3	(3)		79.28			81.26		
GW-38	55.0 to 65.0	63.4	(3)		79.70			81.28		
GW-42D	40.4 to 50.4	63.4	54	1.10	79.55	80.9	83.5	81.92	83.3	86.1
GW-43D	50.6 to 60.6	71.1	78.5	1.07	78.51	80.5	80.5	80.96	82.9	83.1
GW-44D	18.5 to 28.5	47.5	51	1.05	76.86	78.5	79.8	79.03	80.7	82.1
GW-45D	27.3 to 37.3	47.3	45	1.04	78.46	79.2	80.5	81.17	81.9	83.3
GW-55D	59.7 to 69.7	70.0	(3)		78.81			79.98		
GW-58D	16.1 to 26.1	29.6	30	1.01	78.37	78.5	79.0	81.05	81.2	81.7
GW-59D	21.2 to 36.2	43.2	43	1.03	78.98	79.6	80.7	na		
GW-69D	45.1 to 55.1	65.6	66	1.01	78.40	78.6	78.7	81.09	81.3	81.4
GW-70D	30.3 to 40.3	44.3	45	1.03	78.43	78.9	79.9	81.19	81.6	82.7

(1) The elevations of the interface in the aquifer are from one of the following sources: (a) electrical inductance logging performed during the CSA; (b) specific conductance profiling; (c) interpolation between other data points.
(2) The elevations of the interface within the well are from one of the following sources: (a) specific conductance profiling; (b) estimated value assumed similar to elevation in aquifer.
(3) Influence of density difference likely to be insignificant due to proximity to screened interval.
(4) Maximum correction assumes well filled with dense layer (i.e., interface at the water surface within well)

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TABLE 2-6

Results of Aquifer Pumping Test Re-analysis

Olin Corporation
Wilmington, MA Facility

	Well Locations	Transmissivity (sq ft/day)	Hydraulic Conductivity (ft/day)	Storage	Specific Yield	Ratio of Vertical to Horizontal Conductivity
Town Park Observation Wells	1A	8,600	160	1.80E-04	0.63	2.8
	1B	6,000	110	1.50E-05	0.87	2.8
	2-3-13	4,000	75	3.70E-03	0.09	0.03
	8	2,800	53	3.80E-04	0.16	0.13
	9	2,400	45	1.50E-03	0.14	0.15
	Average Result *	4,800	89	1.20E-03	0.38	
Chestnut Street *Observation Wells* (24 Hour Test)	2	12,000	230	3.00E-03	0.26	0.45
	3	10,000	190	3.10E-03	0.18	0.40
	4/C	13,000	250	3.00E-03	0.14	0.21
	5/B	13,000	250	1.60E-04	0.06	0.11
	Average Result *	12,000	230	2.30E-03	0.16	
Chestnut Street *Observation Wells* (48 Hour Test)	1o	4,500	80	8.50E-04	0.50	0.13
	2	12,000	210	2.60E-04	0.50	0.32
	3	12,000	210	1.40E-02	0.30	0.13
	4/C	11,000	200	5.60E-02	0.33	0.36
	5/B	1,300	23	2.30E-02	0.06	0.005
	Average Result *	8,200	140	1.90E-02	0.34	

*Average based on a geometric mean
Ratio of vertical to horizontal conductivity for 48-hr test at Chestnut Street approximate only due to multiple pumping wells.

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TABLE 2-7

SLUG TEST RESULTS
AUGUST 1995

Olin Corporation
Wilmington, MA Facility

Overburden Well	Calculated Hydraulic Conductivity (feet/day) Test 1	Test 2	Test 3	Average*	Material noted on Log
GW-19D	76	120		98	Silt and sand, Sand and gravel (GP)
GW-53S	1.9	2.9	1.7	2.2	Coarse sand, outwash (SW)
GW-53D	94	130	96	110	Silty gravel, ice-contact (GP/GW)
GW-63S	410	140		270	Medium sand (SW)
GW-63D	130	83		98	Clayey sand, till (SW)
GW-64S	200	250		230	Sand (SW)
GW-64D	160	110		130	Sandy silt (ML), silty sand (SP)
GW-73S	280			280	Sand (SW)
GW-73D	79	67		73	Sand (SP)
GW-48S	13	13		13	Fill (SC), Silty sand (SW), S&G (GP)
GW-48D	43	32		38	Silty gravely sand, ice-contact (SW)
GW-51S	15	6.4		11	Gravelly sand, outwash (SW)
GW-51D	4140	650		3000	Sandy gravel, ice-contact (GC)
GW-61S	29	31		30	Sand (SW), silt (ML)
GW-61D	69	44		57	Sandy, silty gravel (GM)
GW-78S	13	4.0		7.0	Sand and gravel (GP)
GW-79S	6.6	0.65		4.6	Sand (SW)
GW-85D	150	100		130	S&G (GP), gravel and cobbles
Average				60	

Bedrock Well	Transmissivity (sq ft/day)	Storage
GW-61BR	0.035	0.01
GW-62BR	2.3	0.00013
GW-68BR	0.76	0.0047

*Average value is calculated as a weighted average with weighting based on the hydrogeologist's judgement of the reliability of individual test results.

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TABLE 2-8

Results of Horizontal Groundwater Flow Monitoring

Olin Corporation
Wilmington, MA Facility

Shallow Well	Depth of Measurement (feet)	Direction of Flow	Rate of Flow (ft/day)	Deep Well	Depth of Measurement (feet)	Direction of Flow	Rate of Flow (ft/day)
GT-6S	7	346° NW	1.82	**GT-6D**	25	182° S	0.82
					29	292° NW	0.38
					29	221° SW	0.23
GW-27S	11.2	125° SE	2.15	**GW-27D**	23	230° SW	0.60
	13.7	247° W	1.8		26	255° W	0.54
	16.2	178° S	1.34		28	310° NW	0.36
				GW-30DR	33	54° NE	6.75
					37	282° NW	1.6
				GW-36	30	40° NE	3.5
					34	250° SW	1.8
GW-42S	12	198° S	0.74	**GW-42D**	36.5	2° N	0.4
	16	184° S	0.84		36.5	77° NE	0.4
					36.5	214° SW	0.4
					41.5	20° N	0.6
GW--43S	11	303° NW	3.43	**GW-43D**	27	62° NE	1.4
	15	280° W-N	2.68		27	102° E	1.1
					32	62° NE	3.7
GW-44S	13	346° NW	0.2	**GW-44D**	58	71° NE	1.02
	17	26° N	0.31		63	189° SW	2.8
					63	234° SW	0.47
GW-45S	15	206° SW	2.97	**GW-45D**	55	262° W	0.85
	19	194° S	2.33		60	305° NW	0.58
GW-50S	8	219° SW	1.28	**GW-50D**	32.5	315° NW	0.6
	12	152° SE	3.52		37.5	319° NW	0.6
GW-58S	21	272° W	1.51	**GW-58D**	72	295° NW	0.5
	25	232° SW	2.11		77	305° NW	0.61
GW-62S	7	338° NW	0.38	**GW-62D**	64	73° NE	0.55
	13	327° NW	0.82		68	77° NE	0.57
GW-62M	33	206° SW	15.9				
	37	205° SW	1.6				

[ ] *Well screened in dense layer*

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TABLE 2-9

Results of Vertical Groundwater Flow Monitoring

Olin Corporation
Wilmington, MA Facility

Well	Depth of Measurement (ft. bgs)	Average Flow (cc./min)	Flow (gpm)	Direction
GW62-BR	78.7	0.34	0.00009	Down
	78.7	0.32	0.00008	Down
	88.2	0.20	0.00005	Up
	98.2	0.15	0.00005	Down
GW62-BRD	118.5	0.35	0.00009	Down
	129	0.30	0.00008	Down
	139	0.33	0.00009	Up
	139	0.34	0.00009	Down
GW68-BR	45	0.08	0.00002	Down
	55	0.18	0.00005	Down
	65	0.18	0.00005	Down
	75	0.27	0.00007	Down
GW80-BR	35	0.10	0.00003	Up
	40	0.10	0.00003	Up
	45	0.15	0.00004	Down
	50	0.13	0.00003	Down
	55	0.10	0.00003	Down
	60	0.10	0.00003	Up

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TABLE 2-10

Summary of Surface Soil Sample Locations and Analyses

Olin Corporation
Wilmington, MA Facility

SUPPLEMENTAL PHASE II AREA / SAMPLE ID	LABORATORY SAMPLE ID	CSA COMPOSITE SAMPLE AREA(S)	Ammonia	Chromium	Sulfate	TAL Metals	TCL Volatiles	TCL Semivolatile	TCL Pesticides	EPH / VPH
DRUM AREA A										
DRMA(COMP A)	N. W. OF SWMU (COMPA)	Area 2	X	X	X	X		X	X	
GA1-DRMA	N. W. OF SWMU-G1A	Area 2					X			
GA2-DRMA	N. W. OF SWMU-G2A	Area 2					X			
GA3-DRMA	N. W. OF SWMU-G3A	Area 2					X			
GA4-DRMA	N. W. OF SWMU-G4A	Area 2					X			
DRMA(COMP B)	N. W. OF SWMU (COMPB)	Area 2	X	X	X	X		X	X	
GB1-DRMA	N. W. OF SWMU-G1B	Area 2					X			
GB2-DRMA	N. W. OF SWMU-G2B	Area 2					X			
GB3-DRMA	N. W. OF SWMU-G3B	Area 2					X			
GB4-DRMA	N. W. OF SWMU-G4B	Area 2					X			
DRUM AREA B										
DRMB-(COMP)	S. E. OF SWMU (COMP)	Area 7 & Area 8	X	X	X	X		X	X	
G1-DRMB	S. E. OF SWMU-G1	Area 7 & Area 8					X			
G2-DRMB	S. E. OF SWMU-G2	Area 7 & Area 8					X			
G3-DRMB	S. E. OF SWMU-G3	Area 7 & Area 8					X			
G4-DRMB	S. E. OF SWMU-G4	Area 7 & Area 8					X			
LAKE POLY										
LAKE POLY-1	LAKE POLY-1	Area 3	X	X	X	X	X	X	X	
LAKE POLY-2 and Dup.	LAKE POLY-2 and Dup.	Area 3	X	X	X	X	X	X	X	
LAKE POLY-3	LAKE POLY-3	Area 3	X	X	X	X	X	X	X	

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TABLE 2-10

Summary of Surface Soil Sample Locations and Analyses

Olin Corporation
Wilmington, MA Facility

SUPPLEMENTAL PHASE II AREA / SAMPLE ID	LABORATORY SAMPLE ID	CSA COMPOSITE SAMPLE AREA(S)	Ammonia	Chromium	Sulfate	TAL Metals	TCL Volatiles	TCL Semivolatile	TCL Pesticides	EPH / VPH
SWMU-26										
SWMU26 COMP	BLK E OF SWMU26 COMP	SWMU 26	X	X	X			X	X	
SWMU26-1	BLK E OF SWMU26-1	SWMU 26					X			
SWMU26-2	BLK E OF SWMU26-2	SWMU 26					X			
SWMU26-3	BLK E OF SWMU26-3	SWMU 26					X			
SWMU26-4	BLK E OF SWMU26-4	SWMU 26					X			
AREA 01										
AREA 1(COMP)	AREA 1(COMP)	Area 1	X	X	X	X		X	X	
AREA 1-1	AREA 1-1	Area 1					X			
AREA 1-2	AREA 1-2	Area 1					X			
AREA 1-3	AREA 1-3	Area 1					X			
AREA 1-4	AREA 1-4	Area 1					X			
AREA 1-5	AREA 1-5	Area 1					X			
AREA 1-6	AREA 1-6	Area 1					X			
AREA 08										
Central Pond Drainage										
CPDA-1	CNTR POND DR.-1	Area 8	X	X	X		X	X	X	X
CPDA-2	CNTR POND DR.-2	Area 8	X	X	X		X	X	X	X
CPDA-3	CNTR POND DR.-3	Area 8	X	X	X		X	X	X	X
CPDA-4	CNTR POND DR.-4	Area 8	X	X	X		X	X	X	X
CPDA-5	CNTR POND DR.-5	Area 8	X	X	X		X	X	X	X
CPDA-6	CNTR POND DR.-6	Area 8	X	X	X		X	X	X	X
CPDA-7	CNTR POND DR.-7	Area 8	X	X	X		X	X	X	X
CPDA-8	CNTR POND DR.-8	Area 8	X	X	X	X	X	X	X	X
CPDA-9 and Dup.*	CNTR POND DR.-9 and Dup.*	Area 8	X	X	X	X	X	X	X	X

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TABLE 2-10

Summary of Surface Soil Sample Locations and Analyses

Olin Corporation
Wilmington, MA Facility

SUPPLEMENTAL PHASE II AREA / SAMPLE ID	LABORATORY SAMPLE ID	CSA COMPOSITE SAMPLE AREA(S)	Ammonia	Chromium	Sulfate	TAL Metals	TCL Volatiles	TCL Semivolatile	TCL Pesticides	EPH / VPH
Central Wetland										
A8CW-1	CNTR WETLND-A8-1	Area 8	X	X	X		X	X	X	
A8CW-2	CNTR WETLND-A8-2	Area 8	X	X	X		X	X	X	
A8CW-3	CNTR WETLND-A8-3	Area 8	X	X	X		X	X	X	X
A8CW-4	CNTR WETLND-A8-4	Area 8	X	X	X	X	X	X	X	X
Area Outside Drainage & Wetlands										
AREA8-1	O/S CNTR PND A8-1	Area 8	X	X	X	X	X	X	X	
AREA8-2	O/S CNTR PND A8-2	Area 8	X	X	X		X	X	X	
AREA8-3	O/S CNTR PND A8-3	Area 8	X	X	X		X	X	X	
AREA8-4	O/S CNTR PND A8-4	Area 8	X	X	X		X	X	X	
AREA 09										
Central Wetland										
A9CW-(COMP)	CNTR WETLND-A9 (COMP)	Area 9	X	X	X	X		X	X	
A9CW-1	CNTR WETLND-A9-1	Area 9					X			
A9CW-2	CNTR WETLND-A9-2	Area 9					X			
A9CW-3	CNTR WETLND-A9-3	Area 9					X			X
A9CW-4	CNTR WETLND-A9-4	Area 9					X			X

*Note: Duplicate was not analyzed for EPH/VPH.

TABLE 2-11

Description of Surface Soil Sampling Intervals

Olin Corporation
Wilmington, MA Facility

Sample Location	Interval (inches)	Soil Description
AREA 1-#		
1	0-12	Dark brown topsoil with fine gravel
	12-18	Mixture of white and brown sand, drier than first 12"
2	0-12	Dark brown topsoil with fine-coarse gravel
	12-18	Dark brown sand
3	0 - 6	Dark brown humus
	6-12	Brown sand to orange sand
	12-18	Orange sand
4	0-12	Brown soil with some coarse gravel
	12-16	Brown sand
	16-18	Dark brown to brown-black peat with sticks
5	0-12	Dark brown humus and silt with roots
	12-18	Orange-brown sand
6	0-12	Dark brown humus with rootlets
	12-16	Dark brown clayey sand
	16-18	Gray sand
SWMU26-#		
1	0 - 3	Dark brown topsoil
	3-12	Dark gray-brown fine sand
	12-18	Brown, moist fine sand
2	0 - 1	Dark brown topsoil
	1-12	Brown sand
	12-18	Orange sand with a black sand layer at 18"
3	0-14	Brown sand with swirls of tan, orange, and white sand
	14-18	White to gray sand with black mottling
4	0 - 4	Dark brown topsoil
	4-17	Brown sand and topsoil
	17-18	Coarse sand and fine gravel

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TABLE 2-11

Description of Surface Soil Sampling Intervals

Olin Corporation
Wilmington, MA Facility

Sample Location	Interval (inches)	Soil Description
CPDA-#		
1	0-12	Dark brown to brown black humus and sand
	12-18	Dark brown to reddish sand
2	0 - 1	Humus with rootlets
	1-18	White sludge
3	0 - 1	Brown humus
	1-10	Brown sand
	10-12	Dark brown humus
	12-18	Brown sand with gray-white sand from 15"-18"
4	0 - 1	Humus and rootlets
	1-18	White sludge with green tint from 16"-18"
5	0-14	Dark brown humus with c. rock frags. and rootlets
	14-18	Gray-white sand
6	0 - 2	Brown humus
	2-12	Brown-orange sand
7	0-0.5	Brown humus
	0.5-18	White sludge
8	0 - 2	Humus and rootlets
	2 - 4	White-gray sludge
	4-12	Dark brown humus and sand
	12-18	Brown sand
9	0 - 1	Brown humus and rootlets
	1-12	Brown sand with some fine gravel
	12-18	Sand with thin layer or brown soil at bottom
A8CW-#		
1	0 - 2	Dark brown humus
	2 - 6	Green-gray sludge
	6-12	Dark brown humus
	12-16	White-gray sand
	16-18	Brown-orange sand
2	0 - 4	Brown humus with many rootlets
	4-12	Dark brown sandy humus
	12-18	Tan-white sand
3	0 - 3	Brown humus with rootlets
	3 - 8	Dark brown sand
	8-16	Gray-brown sand
	16-18	Brown-red sand
4	0-10	Dark brown to brown-black humus
	10-16	Gray sand
	16-18	Brown-red sand

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TABLE 2-11

Description of Surface Soil Sampling Intervals

Olin Corporation
Wilmington, MA Facility

Sample Location	Interval (inches)	Soil Description
A9CW-#		
1	0 - 6 6-12 12-18	Brown humus Dark brown humus and sand Dark brown sand
2	0-12 12-18	Dark brown humus Brown sand
3	0-12 12-18	Dark brown humus and rootlets Brown-gray sand
4	0 - 6 6-12 12-18	Brown humus with rootlets Dark brown sand Tan-gray sand
LAKE POLY-#		
1	0 - 2 2-14 14-18	Dark brown soil Brown sand and soil with angular gravel (ballast) Orange-brown sandy soil
2	0 - 4 4-10 10-18	Dark brown soil Medium brown sand Tan sand with little-trace angular gravel (ballast)
3	0 - 4 4-18	Brown sand Tan sand mottled with orange-brown, dark brown, and thin black layers
#-DRMA		
GA1	0-18	Red trap rock and tan-brown sand
GA2	0-12 12-18	Brown sandy soil with f. gravel, black plastic, and a thin layer of gray material Light tan sand
GA3	0-12 12-18	Brown sandy soil with little fine-coarse gravel Same as 0"-12" but with some fine-coarse gravel
GA4	0 - 6 6-18	Light brown sandy topsoil with little fine-coarse gravel Dark brown-gray sand with red angular gravel (ballast)
GB1	0-12 12-18	Brown clay topsoil Orange to gray-brown sand
GB2	0 - 4 4-14 14-18	Dark brown topsoil Brown sandy topsoil Light brown-tan sand, coarser than above
GB3	0-14 14-18	Brown sandy soil with angular gravel (ballast) Dark brown sand with some orange mottling
GB4	0-18	Brown soil with thin layer of white powder at 4"

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TABLE 2-11

Description of Surface Soil Sampling Intervals

Olin Corporation
Wilmington, MA Facility

Sample Location	Interval (inches)	Soil Description
AREA8-#		
1	0 - 4 4-12 12-18	Brown humus with many rootlets Dark brown topsoil with rootlets Brown to orange sand
2	0-10 10-12 12-18	Dark brown humus with many rootlets Brown sand with some orange mottling Brown to orange sand
3	0 - 4 4-12 12-18	Humus with many rootlets Brown topsoil with orange mottling and little f.-c. gravel Brown sand
4		No description
#-DRMB		
G1	0-12 12-16 16-18	Dark brown topsoil with little f.-c. gravel Brown sand Brown-gray sand
G2	0-12 12-14 14-18	Dark brown soil Brown sand Gray clay-like material
G3	0-12 12-18	Dark brown soil Brown sand
G4	0-12 12-18	Dark brown sand Brown to orange sand

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TABLE 2-12
Surface Soil Analytical Results
Supplemental Phase II Investigations
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
A8CW-1								
			Volatile Organics					
		V003	Benzene	< 6		ug/kg	12/16/96	1461473
		V005	Bromoform	< 6		ug/kg	12/16/96	1461473
		V006	Carbon Tetrachloride	< 6		ug/kg	12/16/96	1461473
		V007	Chlorobenzene	< 6		ug/kg	12/16/96	1461473
		V008	Dibromochloromethane	< 6		ug/kg	12/16/96	1461473
		V009	Bromodichloromethane	< 6		ug/kg	12/16/96	1461473
		V010	Chloroethane	< 13	uj	ug/kg	12/16/96	1461473
		V012	Chloroform	< 6		ug/kg	12/16/96	1461473
		V015	1,1-Dichloroethane	< 6		ug/kg	12/16/96	1461473
		V016	1,2-Dichloroethane	< 6		ug/kg	12/16/96	1461473
		V017	1,1-Dichloroethene	< 6		ug/kg	12/16/96	1461473
		V018	1,2-Dichloropropane	< 6		ug/kg	12/16/96	1461473
		V019	cis-1,3-Dichloropropene	< 6		ug/kg	12/16/96	1461473
		V020	Trans-1,3-Dichloropropene	< 6		ug/kg	12/16/96	1461473
		V021	Ethylbenzene	< 6		ug/kg	12/16/96	1461473
		V022	Bromomethane(MethylBromide)	< 13		ug/kg	12/16/96	1461473
		V023	Chloromethane (Methyl Chloride)	< 13		ug/kg	12/16/96	1461473
		V024	Methylene Chloride	< 7	Bu	ug/kg	12/16/96	1461473
		V025	1,1,2,2-Tetrachloroethane	< 6		ug/kg	12/16/96	1461473
		V026	Tetrachloroethene (PCE)	< 6		ug/kg	12/16/96	1461473
		V027	Toluene	0.6	Jj	ug/kg	12/16/96	1461473
		V029	1,1,1-Trichloroethane	13		ug/kg	12/16/96	1461473
		V030	1,1,2-Trichloroethane	< 6		ug/kg	12/16/96	1461473
		V031	Trichloroethene (TCE)	< 6		ug/kg	12/16/96	1461473
		V033	Styrene	< 6		ug/kg	12/16/96	1461473
		V034	Vinyl Chloride	< 13		ug/kg	12/16/96	1461473
		V039	Xylenes, Total	< 6		ug/kg	12/16/96	1461473
		V040	Acetone	< 15	Bu	ug/kg	12/16/96	1461473
		V041	2-Butanone (MEK)	< 13		ug/kg	12/16/96	1461473
		V042	Carbon Disulfide	< 6	uj	ug/kg	12/16/96	1461473
		V043	2-Hexanone	< 13	uj	ug/kg	12/16/96	1461473
		V044	4-Methyl-2-Pentanone (MIBK)	< 13		ug/kg	12/16/96	1461473
		V045	Vinyl Acetate	< 13		ug/kg	12/16/96	1461473
		V075	1,2-Dichloroethene(total)	< 6		ug/kg	12/16/96	1461473
		V155	2,4,4-Trimethyl-1-pentene	< 6	uj	ug/kg	12/16/96	1461473
		V253	2,4,4-Trimethyl-2-Pentene	< 6		ug/kg	12/16/96	1461473
			Acid Extractable Organics					
		A001	Benzoic Acid	< 770000		ug/kg	12/16/96	1461473
		A002	2-Chlorophenol	< 160000		ug/kg	12/16/96	1461473
		A003	2,4-Dichlorophenol	< 160000		ug/kg	12/16/96	1461473
		A004	2,4-Dimethylphenol	< 160000		ug/kg	12/16/96	1461473
		A006	4,6-Dinitro-2-methylphenol	< 770000		ug/kg	12/16/96	1461473
		A007	2,4-Dinitrophenol	< 770000		ug/kg	12/16/96	1461473
		A008	2-Nitrophenol	< 160000		ug/kg	12/16/96	1461473
		A009	4-Nitrophenol	< 770000		ug/kg	12/16/96	1461473
		A011	Pentachlorophenol	< 770000		ug/kg	12/16/96	1461473
		A012	Phenol	< 160000		ug/kg	12/16/96	1461473
		A013	2,4,6-Trichlorophenol	< 160000		ug/kg	12/16/96	1461473
		A014	2,4,5-Trichlorophenol	< 770000		ug/kg	12/16/96	1461473
		A015	2-Methylphenol (o-Cresol)	< 160000		ug/kg	12/16/96	1461473
		A016	4-Methylphenol(p-Cresol)	< 160000		ug/kg	12/16/96	1461473
		A020	4-Chloro-3-methylphenol	< 160000		ug/kg	12/16/96	1461473
			Base/Neutral Organics					
		B001	Acenaphthene	170000		ug/kg	12/16/96	1461473
		B002	Acenaphthylene	420000		ug/kg	12/16/96	1461473
		B003	Anthracene	290000		ug/kg	12/16/96	1461473
		B005	Benzo(a)anthracene	140000	Jj	ug/kg	12/16/96	1461473
		B006	Benzo(a)Pyrene	100000	Jj	ug/kg	12/16/96	1461473
		B007	Benzo(b)fluoranthene	44000	Jj	ug/kg	12/16/96	1461473

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TABLE 2-12
Surface Soil Analytical Results
Supplemental Phase II Investigations
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
A8CW-1								
			Base/Neutral Organics					
		B008	Benzo(k)fluoranthene	66000	Jj	ug/kg	12/16/96	1461473
		B010	Benzo(g,h,i)perylene	29000	Jj	ug/kg	12/16/96	1461473
		B011	bis(2-Chloroethoxy)methane	< 160000		ug/kg	12/16/96	1461473
		B012	bis(2-Chloroethyl)ether	< 160000		ug/kg	12/16/96	1461473
		B013	bis(2-EthylHexyl)phthalate	< 160000		ug/kg	12/16/96	1461473
		B014	4-Bromophenyl-phenylether	< 160000		ug/kg	12/16/96	1461473
		B015	Butylbenzylphthalate	< 160000		ug/kg	12/16/96	1461473
		B016	2-Chloronaphthalene	< 160000		ug/kg	12/16/96	1461473
		B017	4-Chlorophenyl-phenylether	< 160000		ug/kg	12/16/96	1461473
		B018	Chrysene	150000	Jj	ug/kg	12/16/96	1461473
		B019	Dibenzo(a,h)anthracene	< 160000		ug/kg	12/16/96	1461473
		B020	1,2-Dichlorobenzene	< 160000		ug/kg	12/16/96	1461473
		B021	1,3-Dichlorobenzene	< 160000		ug/kg	12/16/96	1461473
		B022	1,4-Dichlorobenzene	< 160000		ug/kg	12/16/96	1461473
		B023	3,3'-Dichlorobenzidine	< 320000		ug/kg	12/16/96	1461473
		B024	Diethylphthalate	< 160000		ug/kg	12/16/96	1461473
		B025	Dimethylphthalate	< 160000		ug/kg	12/16/96	1461473
		B026	Di-n-butylphthalate	< 160000		ug/kg	12/16/96	1461473
		B027	2,4-Dinitrotoluene	< 160000		ug/kg	12/16/96	1461473
		B028	2,6-Dinitrotoluene	< 160000		ug/kg	12/16/96	1461473
		B029	Di-n-octylphthalate	< 160000		ug/kg	12/16/96	1461473
		B031	Fluoranthene	410000		ug/kg	12/16/96	1461473
		B032	Fluorene	430000		ug/kg	12/16/96	1461473
		B033	Hexachlorobenzene	< 160000		ug/kg	12/16/96	1461473
		B034	Hexachlorobutadiene	< 160000		ug/kg	12/16/96	1[illegible]73
		B035	Hexachlorocyclopentadiene	< 160000		ug/kg	12/16/96	1[illegible]3
		B036	Hexachloroethane	< 160000		ug/kg	12/16/96	14[illegible]/3
		B037	Indeno (1,2,3-cd) pyrene	24000	Jj	ug/kg	12/16/96	1461473
		B038	Isophorone	< 160000		ug/kg	12/16/96	1461473
		B039	Naphthalene	530000		ug/kg	12/16/96	1461473
		B040	Nitrobenzene	< 160000		ug/kg	12/16/96	1461473
		B042	N-Nitroso-di-n-propylamine	< 160000		ug/kg	12/16/96	1461473
		B043	N-Nitrosodiphenylamine (1)	< 160000		ug/kg	12/16/96	1461473
		B044	Phenanthrene	1000000		ug/kg	12/16/96	1461473
		B045	Pyrene	320000		ug/kg	12/16/96	1461473
		B046	1,2,4-Trichlorobenzene	< 160000		ug/kg	12/16/96	1461473
		B051	Benzyl Alcohol	< 160000		ug/kg	12/16/96	1461473
		B052	4-Chloroaniline	< 160000		ug/kg	12/16/96	1461473
		B053	Dibenzofuran	39000	Jj	ug/kg	12/16/96	1461473
		B054	2-Methylnaphthalene	560000		ug/kg	12/16/96	1461473
		B055	2-Nitroaniline	< 770000		ug/kg	12/16/96	1461473
		B056	3-Nitroaniline	< 770000		ug/kg	12/16/96	1461473
		B057	4-Nitroaniline	< 770000		ug/kg	12/16/96	1461473
		B058	bis(2-Chloroisopropyl)ether	< 160000		ug/kg	12/16/96	1461473
			Pesticides, PCB's, and Herbicides					
		P001	Aldrin	< 2.2		ug/kg	12/16/96	1461473
		P002	Alpha-BHC	< 2.2		ug/kg	12/16/96	1461473
		P003	Beta-BHC	< 2.2		ug/kg	12/16/96	1461473
		P004	Delta-BHC	< 2.2		ug/kg	12/16/96	1461473
		P005	Gamma-BHC (Lindane)	0.21	Jj	ug/kg	12/16/96	1461473
		P006	4,4'-DDT	< 4.2	uj	ug/kg	12/16/96	1461473
		P007	4,4'-DDE	< 4.2		ug/kg	12/16/96	1461473
		P008	4,4'-DDD	< 4.2		ug/kg	12/16/96	1461473
		P009	Dieldrin	< 4.2		ug/kg	12/16/96	1461473
		P010	Endosulfan I	< 2.2		ug/kg	12/16/96	1461473
		P011	Endosulfan II	< 4.2		ug/kg	12/16/96	1461473
		P012	Endosulfan Sulfate	< 4.2	uj	ug/kg	12/16/96	1461473
		P013	Endrin	< 4.2		ug/kg	12/16/96	1461473
		P014	Endrin Aldehyde	< 4.2		ug/kg	12/16/96	1461473

TABLE 2-12
Surface Soil Analytical Results
Supplemental Phase II Investigations
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
A8CW-1								
			Pesticides, PCB's, and Herbicides					
		P015	Endrin Ketone	< 4.2	uj	ug/kg	12/16/96	1461473
		P016	Heptachlor	< 2.2		ug/kg	12/16/96	1461473
		P017	Heptachlor Epoxide	< 2.2		ug/kg	12/16/96	1461473
		P018	Methoxychlor	< 22	uj	ug/kg	12/16/96	1461473
		P020	Toxaphene	< 42		ug/kg	12/16/96	1461473
		P047	Alpha-Chlordane	< 2.2		ug/kg	12/16/96	1461473
		P048	Gamma-Chlordane	< 2.2	uj	ug/kg	12/16/96	1461473
			Metals					
		M008	Chromium	4.2		mg/kg	12/16/96	1461473
			Inorganic Non-metals					
		I009	Nitrogen, Ammonia	34.6		mg/kg	12/16/96	1461473
		I018	Sulfate as SO4	< 430		mg/kg	12/16/96	1461473
A8CW-2								
			Volatile Organics					
		V003	Benzene	< 6		ug/kg	12/16/96	1461474
		V005	Bromoform	< 6		ug/kg	12/16/96	1461474
		V006	Carbon Tetrachloride	< 6		ug/kg	12/16/96	1461474
		V007	Chlorobenzene	< 6		ug/kg	12/16/96	1461474
		V008	Dibromochloromethane	< 6		ug/kg	12/16/96	1461474
		V009	Bromodichloromethane	< 6		ug/kg	12/16/96	1461474
		V010	Chloroethane	< 13	uj	ug/kg	12/16/96	1461474
		V012	Chloroform	< 6		ug/kg	12/16/96	1461474
		V015	1,1-Dichloroethane	< 6		ug/kg	12/16/96	1461474
		V016	1,2-Dichloroethane	< 6		ug/kg	12/16/96	1461474
		V017	1,1-Dichloroethene	< 6		ug/kg	12/16/96	1461474
		V018	1,2-Dichloropropane	< 6		ug/kg	12/16/96	1461474
		V019	cis-1,3-Dichloropropene	< 6		ug/kg	12/16/96	1461474
		V020	Trans-1,3-Dichloropropene	< 6		ug/kg	12/16/96	1461474
		V021	Ethylbenzene	< 6		ug/kg	12/16/96	1461474
		V022	Bromomethane(MethylBromide)	< 13		ug/kg	12/16/96	1461474
		V023	Chloromethane (Methyl Chloride)	< 13		ug/kg	12/16/96	1461474
		V024	Methylene Chloride	< 4	JBu	ug/kg	12/16/96	1461474
		V025	1,1,2,2-Tetrachloroethane	< 6		ug/kg	12/16/96	1461474
		V026	Tetrachloroethene (PCE)	< 6		ug/kg	12/16/96	1461474
		V027	Toluene	< 6		ug/kg	12/16/96	1461474
		V029	1,1,1-Trichloroethane	< 6		ug/kg	12/16/96	1461474
		V030	1,1,2-Trichloroethane	< 6		ug/kg	12/16/96	1461474
		V031	Trichloroethene (TCE)	< 6		ug/kg	12/16/96	1461474
		V033	Styrene	< 6		ug/kg	12/16/96	1461474
		V034	Vinyl Chloride	< 13		ug/kg	12/16/96	1461474
		V039	Xylenes, Total	< 6		ug/kg	12/16/96	1461474
		V040	Acetone	< 54	Bu	ug/kg	12/16/96	1461474
		V041	2-Butanone (MEK)	< 13		ug/kg	12/16/96	1461474
		V042	Carbon Disulfide	< 6	uj	ug/kg	12/16/96	1461474
		V043	2-Hexanone	< 13	uj	ug/kg	12/16/96	1461474
		V044	4-Methyl-2-Pentanone (MIBK)	< 13		ug/kg	12/16/96	1461474
		V045	Vinyl Acetate	< 13		ug/kg	12/16/96	1461474
		V075	1,2-Dichloroethene(total)	< 6		ug/kg	12/16/96	1461474
		V155	2,4,4-Trimethyl-1-pentene	< 6	uj	ug/kg	12/16/96	1461474
		V253	2,4,4-Trimethyl-2-Pentene	< 6		ug/kg	12/16/96	1461474
			Acid Extractable Organics					
		A001	Benzoic Acid	< 2700		ug/kg	12/16/96	1461474
		A002	2-Chlorophenol	< 560		ug/kg	12/16/96	1461474
		A003	2,4-Dichlorophenol	< 560		ug/kg	12/16/96	1461474
		A004	2,4-Dimethylphenol	< 560		ug/kg	12/16/96	1461474
		A006	4,6-Dinitro-2-methylphenol	< 2700		ug/kg	12/16/96	1461474
		A007	2,4-Dinitrophenol	< 2700		ug/kg	12/16/96	1461474
		A008	2-Nitrophenol	< 560		ug/kg	12/16/96	1461474

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TABLE 2-12
Surface Soil Analytical Results
Supplemental Phase II Investigations
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
A8CW-2								
			Acid Extractable Organics					
		A009	4-Nitrophenol	< 2700		ug/kg	12/16/96	1461474
		A011	Pentachlorophenol	< 2700		ug/kg	12/16/96	1461474
		A012	Phenol	< 560		ug/kg	12/16/96	1461474
		A013	2,4,6-Trichlorophenol	< 560		ug/kg	12/16/96	1461474
		A014	2,4,5-Trichlorophenol	< 2700		ug/kg	12/16/96	1461474
		A015	2-Methylphenol (o-Cresol)	< 560		ug/kg	12/16/96	1461474
		A016	4-Methylphenol(p-Cresol)	< 560		ug/kg	12/16/96	1461474
		A020	4-Chloro-3-methylphenol	< 560		ug/kg	12/16/96	1461474
			Base/Neutral Organics					
		B001	Acenaphthene	< 560		ug/kg	12/16/96	1461474
		B002	Acenaphthylene	< 560		ug/kg	12/16/96	1461474
		B003	Anthracene	< 560		ug/kg	12/16/96	1461474
		B005	Benzo(a)anthracene	< 560		ug/kg	12/16/96	1461474
		B006	Benzo(a)Pyrene	< 560		ug/kg	12/16/96	1461474
		B007	Benzo(b)fluoranthene	< 560		ug/kg	12/16/96	1461474
		B008	Benzo(k)fluoranthene	< 560		ug/kg	12/16/96	1461474
		B010	Benzo(g,h,i)perylene	< 560		ug/kg	12/16/96	1461474
		B011	bis(2-Chloroethoxy)methane	< 560		ug/kg	12/16/96	1461474
		B012	bis(2-Chloroethyl)ether	< 560		ug/kg	12/16/96	1461474
		B013	bis(2-EthylHexyl)phthalate	130	Jj	ug/kg	12/16/96	1461474
		B014	4-Bromophenyl-phenylether	< 560		ug/kg	12/16/96	1461474
		B015	Butylbenzylphthalate	< 560		ug/kg	12/16/96	1461474
		B016	2-Chloronaphthalene	< 560		ug/kg	12/16/96	1461474
		B017	4-Chlorophenyl-phenylether	< 560		ug/kg	12/16/96	1461474
		B018	Chrysene	< 560		ug/kg	12/16/96	1[illegible]4
		B019	Dibenzo(a,h)anthracene	< 560		ug/kg	12/16/96	1[illegible]
		B020	1,2-Dichlorobenzene	< 560		ug/kg	12/16/96	14[illegible]74
		B021	1,3-Dichlorobenzene	< 560		ug/kg	12/16/96	1461474
		B022	1,4-Dichlorobenzene	< 560		ug/kg	12/16/96	1461474
		B023	3,3'-Dichlorobenzidine	< 1100		ug/kg	12/16/96	1461474
		B024	Diethylphthalate	< 560		ug/kg	12/16/96	1461474
		B025	Dimethylphthalate	< 560		ug/kg	12/16/96	1461474
		B026	Di-n-butylphthalate	< 560		ug/kg	12/16/96	1461474
		B027	2,4-Dinitrotoluene	< 560		ug/kg	12/16/96	1461474
		B028	2,6-Dinitrotoluene	< 560		ug/kg	12/16/96	1461474
		B029	Di-n-octylphthalate	< 560		ug/kg	12/16/96	1461474
		B031	Fluoranthene	< 560		ug/kg	12/16/96	1461474
		B032	Fluorene	< 560		ug/kg	12/16/96	1461474
		B033	Hexachlorobenzene	< 560		ug/kg	12/16/96	1461474
		B034	Hexachlorobutadiene	< 560		ug/kg	12/16/96	1461474
		B035	Hexachlorocyclopentadiene	< 560		ug/kg	12/16/96	1461474
		B036	Hexachloroethane	< 560		ug/kg	12/16/96	1461474
		B037	Indeno (1,2,3-cd) pyrene	< 560		ug/kg	12/16/96	1461474
		B038	Isophorone	< 560		ug/kg	12/16/96	1461474
		B039	Naphthalene	< 560		ug/kg	12/16/96	1461474
		B040	Nitrobenzene	< 560		ug/kg	12/16/96	1461474
		B042	N-Nitroso-di-n-propylamine	< 560		ug/kg	12/16/96	1461474
		B043	N-Nitrosodiphenylamine (1)	< 560		ug/kg	12/16/96	1461474
		B044	Phenanthrene	< 560		ug/kg	12/16/96	1461474
		B045	Pyrene	< 560		ug/kg	12/16/96	1461474
		B046	1,2,4-Trichlorobenzene	< 560		ug/kg	12/16/96	1461474
		B051	Benzyl Alcohol	< 560		ug/kg	12/16/96	1461474
		B052	4-Chloroaniline	< 560		ug/kg	12/16/96	1461474
		B053	Dibenzofuran	< 560		ug/kg	12/16/96	1461474
		B054	2-Methylnaphthalene	< 560		ug/kg	12/16/96	1461474
		B055	2-Nitroaniline	< 2700		ug/kg	12/16/96	1461474
		B056	3-Nitroaniline	< 2700		ug/kg	12/16/96	1461474
		B057	4-Nitroaniline	< 2700		ug/kg	12/16/96	1461474
		B058	bis(2-Chloroisopropyl)ether	< 560		ug/kg	12/16/96	1461474

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TABLE 2-12
Surface Soil Analytical Results
Supplemental Phase II Investigations
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
A8CW-2								
			Pesticides, PCB's, and Herbicides					
		P001	Aldrin	< 2.9		ug/kg	12/16/96	1461474
		P002	Alpha-BHC	1.1	Jj	ug/kg	12/16/96	1461474
		P003	Beta-BHC	< 2.9		ug/kg	12/16/96	1461474
		P004	Delta-BHC	< 2.9		ug/kg	12/16/96	1461474
		P005	Gamma-BHC (Lindane)	0.92	Jj	ug/kg	12/16/96	1461474
		P006	4,4'-DDT	1.7	Jj	ug/kg	12/16/96	1461474
		P007	4,4'-DDE	0.89	Jj	ug/kg	12/16/96	1461474
		P008	4,4'-DDD	< 5.6		ug/kg	12/16/96	1461474
		P009	Dieldrin	< 5.6		ug/kg	12/16/96	1461474
		P010	Endosulfan I	< 2.9		ug/kg	12/16/96	1461474
		P011	Endosulfan II	< 5.6		ug/kg	12/16/96	1461474
		P012	Endosulfan Sulfate	< 5.6	uj	ug/kg	12/16/96	1461474
		P013	Endrin	< 5.6		ug/kg	12/16/96	1461474
		P014	Endrin Aldehyde	< 5.6		ug/kg	12/16/96	1461474
		P015	Endrin Ketone	< 5.6	uj	ug/kg	12/16/96	1461474
		P016	Heptachlor	< 2.9		ug/kg	12/16/96	1461474
		P017	Heptachlor Epoxide	< 2.9		ug/kg	12/16/96	1461474
		P018	Methoxychlor	< 29	uj	ug/kg	12/16/96	1461474
		P020	Toxaphene	< 56		ug/kg	12/16/96	1461474
		P047	Alpha-Chlordane	< 2.9		ug/kg	12/16/96	1461474
		P048	Gamma-Chlordane	< 2.9	uj	ug/kg	12/16/96	1461474
			Metals					
		M008	Chromium	25		mg/kg	12/16/96	1461474
			Inorganic Non-metals					
		I009	Nitrogen, Ammonia	301		mg/kg	12/16/96	1461474
		I018	Sulfate as SO4	290		mg/kg	12/16/96	1461474
A8CW-3								
			Volatile Organics					
		V003	Benzene	< 6		ug/kg	12/16/96	1461475
		V005	Bromoform	< 6		ug/kg	12/16/96	1461475
		V006	Carbon Tetrachloride	< 6		ug/kg	12/16/96	1461475
		V007	Chlorobenzene	< 6		ug/kg	12/16/96	1461475
		V008	Dibromochloromethane	< 6		ug/kg	12/16/96	1461475
		V009	Bromodichloromethane	< 6		ug/kg	12/16/96	1461475
		V010	Chloroethane	< 13	uj	ug/kg	12/16/96	1461475
		V012	Chloroform	< 6		ug/kg	12/16/96	1461475
		V015	1,1-Dichloroethane	< 6		ug/kg	12/16/96	1461475
		V016	1,2-Dichloroethane	< 6		ug/kg	12/16/96	1461475
		V017	1,1-Dichloroethene	< 6		ug/kg	12/16/96	1461475
		V018	1,2-Dichloropropane	< 6		ug/kg	12/16/96	1461475
		V019	cis-1,3-Dichloropropene	< 6		ug/kg	12/16/96	1461475
		V020	Trans-1,3-Dichloropropene	< 6		ug/kg	12/16/96	1461475
		V021	Ethylbenzene	< 6		ug/kg	12/16/96	1461475
		V022	Bromomethane(MethylBromide)	< 13		ug/kg	12/16/96	1461475
		V023	Chloromethane (Methyl Chloride)	< 13		ug/kg	12/16/96	1461475
		V024	Methylene Chloride	< 5	JBu	ug/kg	12/16/96	1461475
		V025	1,1,2,2-Tetrachloroethane	< 6		ug/kg	12/16/96	1461475
		V026	Tetrachloroethene (PCE)	< 6		ug/kg	12/16/96	1461475
		V027	Toluene	< 6		ug/kg	12/16/96	1461475
		V029	1,1,1-Trichloroethane	< 6		ug/kg	12/16/96	1461475
		V030	1,1,2-Trichloroethane	< 6		ug/kg	12/16/96	1461475
		V031	Trichloroethene (TCE)	< 6		ug/kg	12/16/96	1461475
		V033	Styrene	< 6		ug/kg	12/16/96	1461475
		V034	Vinyl Chloride	< 13		ug/kg	12/16/96	1461475
		V039	Xylenes, Total	< 6		ug/kg	12/16/96	1461475
		V040	Acetone	< 18	Bu	ug/kg	12/16/96	1461475
		V041	2-Butanone (MEK)	< 13		ug/kg	12/16/96	1461475
		V042	Carbon Disulfide	< 6	uj	ug/kg	12/16/96	1461475

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TABLE 2-12
Surface Soil Analytical Results
Supplemental Phase II Investigations
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
A8CW-3								
			Volatile Organics					
		V043	2-Hexanone	< 13	uj	ug/kg	12/16/96	1461475
		V044	4-Methyl-2-Pentanone (MIBK)	< 13		ug/kg	12/16/96	1461475
		V045	Vinyl Acetate	< 13		ug/kg	12/16/96	1461475
		V075	1,2-Dichloroethene(total)	< 6		ug/kg	12/16/96	1461475
		V155	2,4,4-Trimethyl-1-pentene	< 6	uj	ug/kg	12/16/96	1461475
		V253	2,4,4-Trimethyl-2-Pentene	< 6		ug/kg	12/16/96	1461475
			Acid Extractable Organics					
		A001	Benzoic Acid	70	Jj	ug/kg	12/16/96	1461475
		A002	2-Chlorophenol	< 430		ug/kg	12/16/96	1461475
		A003	2,4-Dichlorophenol	< 430		ug/kg	12/16/96	1461475
		A004	2,4-Dimethylphenol	< 430		ug/kg	12/16/96	1461475
		A006	4,6-Dinitro-2-methylphenol	< 2100		ug/kg	12/16/96	1461475
		A007	2,4-Dinitrophenol	< 2100		ug/kg	12/16/96	1461475
		A008	2-Nitrophenol	< 430		ug/kg	12/16/96	1461475
		A009	4-Nitrophenol	< 2100		ug/kg	12/16/96	1461475
		A011	Pentachlorophenol	< 2100		ug/kg	12/16/96	1461475
		A012	Phenol	< 430		ug/kg	12/16/96	1461475
		A013	2,4,6-Trichlorophenol	< 430		ug/kg	12/16/96	1461475
		A014	2,4,5-Trichlorophenol	< 2100		ug/kg	12/16/96	1461475
		A015	2-Methylphenol (o-Cresol)	< 430		ug/kg	12/16/96	1461475
		A016	4-Methylphenol(p-Cresol)	< 430		ug/kg	12/16/96	1461475
		A020	4-Chloro-3-methylphenol	< 430		ug/kg	12/16/96	1461475
			Base/Neutral Organics					
		B001	Acenaphthene	< 430		ug/kg	12/16/96	1461475
		B002	Acenaphthylene	< 430		ug/kg	12/16/96	1[illegible]5
		B003	Anthracene	11	Jj	ug/kg	12/16/96	1[illegible]5
		B005	Benzo(a)anthracene	15	Jj	ug/kg	12/16/96	1461475
		B006	Benzo(a)Pyrene	< 430		ug/kg	12/16/96	1461475
		B007	Benzo(b)fluoranthene	< 430		ug/kg	12/16/96	1461475
		B008	Benzo(k)fluoranthene	< 430		ug/kg	12/16/96	1461475
		B010	Benzo(g,h,i)perylene	< 430		ug/kg	12/16/96	1461475
		B011	bis(2-Chloroethoxy)methane	< 430		ug/kg	12/16/96	1461475
		B012	bis(2-Chloroethyl)ether	< 430		ug/kg	12/16/96	1461475
		B013	bis(2-EthylHexyl)phthalate	90	Jj	ug/kg	12/16/96	1461475
		B014	4-Bromophenyl-phenylether	< 430		ug/kg	12/16/96	1461475
		B015	Butylbenzylphthalate	< 430		ug/kg	12/16/96	1461475
		B016	2-Chloronaphthalene	< 430		ug/kg	12/16/96	1461475
		B017	4-Chlorophenyl-phenylether	< 430		ug/kg	12/16/96	1461475
		B018	Chrysene	15	Jj	ug/kg	12/16/96	1461475
		B019	Dibenzo(a,h)anthracene	< 430		ug/kg	12/16/96	1461475
		B020	1,2-Dichlorobenzene	< 430		ug/kg	12/16/96	1461475
		B021	1,3-Dichlorobenzene	< 430		ug/kg	12/16/96	1461475
		B022	1,4-Dichlorobenzene	< 430		ug/kg	12/16/96	1461475
		B023	3,3'-Dichlorobenzidine	< 870		ug/kg	12/16/96	1461475
		B024	Diethylphthalate	< 21	JBu	ug/kg	12/16/96	1461475
		B025	Dimethylphthalate	< 430		ug/kg	12/16/96	1461475
		B026	Di-n-butylphthalate	< 40	JBu	ug/kg	12/16/96	1461475
		B027	2,4-Dinitrotoluene	< 430		ug/kg	12/16/96	1461475
		B028	2,6-Dinitrotoluene	< 430		ug/kg	12/16/96	1461475
		B029	Di-n-octylphthalate	12	Jj	ug/kg	12/16/96	1461475
		B031	Fluoranthene	27	Jj	ug/kg	12/16/96	1461475
		B032	Fluorene	< 430		ug/kg	12/16/96	1461475
		B033	Hexachlorobenzene	< 430		ug/kg	12/16/96	1461475
		B034	Hexachlorobutadiene	< 430		ug/kg	12/16/96	1461475
		B035	Hexachlorocyclopentadiene	< 430		ug/kg	12/16/96	1461475
		B036	Hexachloroethane	< 430		ug/kg	12/16/96	1461475
		B037	Indeno (1,2,3-cd) pyrene	< 430		ug/kg	12/16/96	1461475
		B038	Isophorone	< 430		ug/kg	12/16/96	1461475
		B039	Naphthalene	< 430		ug/kg	12/16/96	1461475

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Surface Soil Analytical Results
Supplemental Phase II Investigations
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
A8CW-3								
			Base/Neutral Organics					
		B040	Nitrobenzene	< 430		ug/kg	12/16/96	1461475
		B042	N-Nitroso-di-n-propylamine	< 430		ug/kg	12/16/96	1461475
		B043	N-Nitrosodiphenylamine (1)	< 430		ug/kg	12/16/96	1461475
		B044	Phenanthrene	30	Jj	ug/kg	12/16/96	1461475
		B045	Pyrene	24	Jj	ug/kg	12/16/96	1461475
		B046	1,2,4-Trichlorobenzene	< 430		ug/kg	12/16/96	1461475
		B051	Benzyl Alcohol	< 430		ug/kg	12/16/96	1461475
		B052	4-Chloroaniline	< 430		ug/kg	12/16/96	1461475
		B053	Dibenzofuran	< 430		ug/kg	12/16/96	1461475
		B054	2-Methylnaphthalene	< 430		ug/kg	12/16/96	1461475
		B055	2-Nitroaniline	< 2100		ug/kg	12/16/96	1461475
		B056	3-Nitroaniline	< 2100		ug/kg	12/16/96	1461475
		B057	4-Nitroaniline	< 2100		ug/kg	12/16/96	1461475
		B058	bis(2-Chloroisopropyl)ether	< 430		ug/kg	12/16/96	1461475
			Pesticides, PCB's, and Herbicides					
		P001	Aldrin	< 2.2		ug/kg	12/16/96	1461475
		P002	Alpha-BHC	< 2.2	uj	ug/kg	12/16/96	1461475
		P003	Beta-BHC	< 2.2	uj	ug/kg	12/16/96	1461475
		P004	Delta-BHC	< 2.2		ug/kg	12/16/96	1461475
		P005	Gamma-BHC (Lindane)	< 2.2		ug/kg	12/16/96	1461475
		P006	4,4'-DDT	1.6	Jj	ug/kg	12/16/96	1461475
		P007	4,4'-DDE	0.69	Jj	ug/kg	12/16/96	1461475
		P008	4,4'-DDD	< 4.2		ug/kg	12/16/96	1461475
		P009	Dieldrin	1.3	Jj	ug/kg	12/16/96	1461475
		P010	Endosulfan I	2.2		ug/kg	12/16/96	1461475
		P011	Endosulfan II	4.2		ug/kg	12/16/96	1461475
		P012	Endosulfan Sulfate	< 4.2	uj	ug/kg	12/16/96	1461475
		P013	Endrin	< 4.2		ug/kg	12/16/96	1461475
		P014	Endrin Aldehyde	< 4.2		ug/kg	12/16/96	1461475
		P015	Endrin Ketone	< 4.2	uj	ug/kg	12/16/96	1461475
		P016	Heptachlor	< 2.2		ug/kg	12/16/96	1461475
		P017	Heptachlor Epoxide	< 2.2		ug/kg	12/16/96	1461475
		P018	Methoxychlor	< 22	uj	ug/kg	12/16/96	1461475
		P020	Toxaphene	< 42		ug/kg	12/16/96	1461475
		P047	Alpha-Chlordane	< 2.2		ug/kg	12/16/96	1461475
		P048	Gamma-Chlordane	< 2.2	uj	ug/kg	12/16/96	1461475
			Metals					
		M008	Chromium	4.3		mg/kg	12/16/96	1461475
			Inorganic Non-metals					
		I009	Nitrogen, Ammonia	94.9		mg/kg	12/16/96	1461475
		I018	Sulfate as SO4	150		mg/kg	12/16/96	1461475
A8CW-4								
			Volatile Organics					
		V003	Benzene	< 7		ug/kg	12/16/96	1461476
		V005	Bromoform	< 7		ug/kg	12/16/96	1461476
		V006	Carbon Tetrachloride	< 7		ug/kg	12/16/96	1461476
		V007	Chlorobenzene	< 7		ug/kg	12/16/96	1461476
		V008	Dibromochloromethane	< 7		ug/kg	12/16/96	1461476
		V009	Bromodichloromethane	< 7		ug/kg	12/16/96	1461476
		V010	Chloroethane	< 14	uj	ug/kg	12/16/96	1461476
		V012	Chloroform	< 7		ug/kg	12/16/96	1461476
		V015	1,1-Dichloroethane	< 7		ug/kg	12/16/96	1461476
		V016	1,2-Dichloroethane	< 7		ug/kg	12/16/96	1461476
		V017	1,1-Dichloroethene	< 7		ug/kg	12/16/96	1461476
		V018	1,2-Dichloropropane	< 7		ug/kg	12/16/96	1461476
		V019	cis-1,3-Dichloropropene	< 7		ug/kg	12/16/96	1461476
		V020	Trans-1,3-Dichloropropene	< 7		ug/kg	12/16/96	1461476
		V021	Ethylbenzene	< 7		ug/kg	12/16/96	1461476

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Supplemental Phase II Investigations
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
A8CW-4								
			Volatile Organics					
		V022	Bromomethane(MethylBromide)	< 14		ug/kg	12/16/96	1461476
		V023	Chloromethane (Methyl Chloride)	< 14		ug/kg	12/16/96	1461476
		V024	Methylene Chloride	< 5	JBu	ug/kg	12/16/96	1461476
		V025	1,1,2,2-Tetrachloroethane	< 7		ug/kg	12/16/96	1461476
		V026	Tetrachloroethene (PCE)	< 7		ug/kg	12/16/96	1461476
		V027	Toluene	< 7		ug/kg	12/16/96	1461476
		V029	1,1,1-Trichloroethane	< 7		ug/kg	12/16/96	1461476
		V030	1,1,2-Trichloroethane	< 7		ug/kg	12/16/96	1461476
		V031	Trichloroethene (TCE)	< 7		ug/kg	12/16/96	1461476
		V033	Styrene	< 7		ug/kg	12/16/96	1461476
		V034	Vinyl Chloride	< 14		ug/kg	12/16/96	1461476
		V039	Xylenes, Total	< 7		ug/kg	12/16/96	1461476
		V040	Acetone	< 12	JBu	ug/kg	12/16/96	1461476
		V041	2-Butanone (MEK)	< 14		ug/kg	12/16/96	1461476
		V042	Carbon Disulfide	< 7	uj	ug/kg	12/16/96	1461476
		V043	2-Hexanone	< 14	uj	ug/kg	12/16/96	1461476
		V044	4-Methyl-2-Pentanone (MIBK)	< 14		ug/kg	12/16/96	1461476
		V045	Vinyl Acetate	< 14		ug/kg	12/16/96	1461476
		V075	1,2-Dichloroethene(total)	< 7		ug/kg	12/16/96	1461476
		V155	2,4,4-Trimethyl-1-pentene	2	Jj	ug/kg	12/16/96	1461476
		V253	2,4,4-Trimethyl-2-Pentene	< 7		ug/kg	12/16/96	1461476
			Acid Extractable Organics					
		A001	Benzoic Acid	< 2100		ug/kg	12/16/96	1461476
		A002	2-Chlorophenol	< 430		ug/kg	12/16/96	1461476
		A003	2,4-Dichlorophenol	< 430		ug/kg	12/16/96	[illegible]
		A004	2,4-Dimethylphenol	< 430		ug/kg	12/16/96	[illegible]
		A006	4,6-Dinitro-2-methylphenol	< 2100		ug/kg	12/16/96	[illegible]
		A007	2,4-Dinitrophenol	< 2100		ug/kg	12/16/96	1461476
		A008	2-Nitrophenol	< 430		ug/kg	12/16/96	1461476
		A009	4-Nitrophenol	< 2100		ug/kg	12/16/96	1461476
		A011	Pentachlorophenol	< 2100		ug/kg	12/16/96	1461476
		A012	Phenol	< 430		ug/kg	12/16/96	1461476
		A013	2,4,6-Trichlorophenol	< 430		ug/kg	12/16/96	1461476
		A014	2,4,5-Trichlorophenol	< 2100		ug/kg	12/16/96	1461476
		A015	2-Methylphenol (o-Cresol)	< 430		ug/kg	12/16/96	1461476
		A016	4-Methylphenol(p-Cresol)	< 430		ug/kg	12/16/96	1461476
		A020	4-Chloro-3-methylphenol	< 430		ug/kg	12/16/96	1461476
			Base/Neutral Organics					
		B001	Acenaphthene	< 430		ug/kg	12/16/96	1461476
		B002	Acenaphthylene	< 430		ug/kg	12/16/96	1461476
		B003	Anthracene	< 430		ug/kg	12/16/96	1461476
		B005	Benzo(a)anthracene	< 430		ug/kg	12/16/96	1461476
		B006	Benzo(a)Pyrene	< 430		ug/kg	12/16/96	1461476
		B007	Benzo(b)fluoranthene	< 430		ug/kg	12/16/96	1461476
		B008	Benzo(k)fluoranthene	< 430		ug/kg	12/16/96	1461476
		B010	Benzo(g,h,i)perylene	< 430		ug/kg	12/16/96	1461476
		B011	bis(2-Chloroethoxy)methane	< 430		ug/kg	12/16/96	1461476
		B012	bis(2-Chloroethyl)ether	< 430		ug/kg	12/16/96	1461476
		B013	bis(2-EthylHexyl)phthalate	< 430		ug/kg	12/16/96	1461476
		B014	4-Bromophenyl-phenylether	< 430		ug/kg	12/16/96	1461476
		B015	Butylbenzylphthalate	< 430		ug/kg	12/16/96	1461476
		B016	2-Chloronaphthalene	< 430		ug/kg	12/16/96	1461476
		B017	4-Chlorophenyl-phenylether	< 430		ug/kg	12/16/96	1461476
		B018	Chrysene	< 430		ug/kg	12/16/96	1461476
		B019	Dibenzo(a,h)anthracene	< 430		ug/kg	12/16/96	1461476
		B020	1,2-Dichlorobenzene	< 430		ug/kg	12/16/96	1461476
		B021	1,3-Dichlorobenzene	< 430		ug/kg	12/16/96	1461476
		B022	1,4-Dichlorobenzene	< 430		ug/kg	12/16/96	1461476
		B023	3,3'-Dichlorobenzidine	< 870		ug/kg	12/16/96	1461476

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TABLE 2-12
Surface Soil Analytical Results
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Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
A8CW-4								
			Base/Neutral Organics					
		B024	Diethylphthalate	< 430		ug/kg	12/16/96	1461476
		B025	Dimethylphthalate	< 430		ug/kg	12/16/96	1461476
		B026	Di-n-butylphthalate	< 40	JBu	ug/kg	12/16/96	1461476
		B027	2,4-Dinitrotoluene	< 430		ug/kg	12/16/96	1461476
		B028	2,6-Dinitrotoluene	< 430		ug/kg	12/16/96	1461476
		B029	Di-n-octylphthalate	< 430		ug/kg	12/16/96	1461476
		B031	Fluoranthene	< 430		ug/kg	12/16/96	1461476
		B032	Fluorene	< 430		ug/kg	12/16/96	1461476
		B033	Hexachlorobenzene	< 430		ug/kg	12/16/96	1461476
		B034	Hexachlorobutadiene	< 430		ug/kg	12/16/96	1461476
		B035	Hexachlorocyclopentadiene	< 430		ug/kg	12/16/96	1461476
		B036	Hexachloroethane	< 430		ug/kg	12/16/96	1461476
		B037	Indeno (1,2,3-cd) pyrene	< 430		ug/kg	12/16/96	1461476
		B038	Isophorone	< 430		ug/kg	12/16/96	1461476
		B039	Naphthalene	< 430		ug/kg	12/16/96	1461476
		B040	Nitrobenzene	< 430		ug/kg	12/16/96	1461476
		B042	N-Nitroso-di-n-propylamine	< 430		ug/kg	12/16/96	1461476
		B043	N-Nitrosodiphenylamine (1)	< 430		ug/kg	12/16/96	1461476
		B044	Phenanthrene	< 430		ug/kg	12/16/96	1461476
		B045	Pyrene	< 430		ug/kg	12/16/96	1461476
		B046	1,2,4-Trichlorobenzene	< 430		ug/kg	12/16/96	1461476
		B051	Benzyl Alcohol	< 430		ug/kg	12/16/96	1461476
		B052	4-Chloroaniline	< 430		ug/kg	12/16/96	1461476
		B053	Dibenzofuran	< 430		ug/kg	12/16/96	1461476
		B054	2-Methylnaphthalene	< 430		ug/kg	12/16/96	1461476
		B055	2-Nitroaniline	< 2100		ug/kg	12/16/96	1461476
		B056	3-Nitroaniline	< 2100		ug/kg	12/16/96	1461476
		B057	4-Nitroaniline	< 2100		ug/kg	12/16/96	1461476
		B058	bis(2-Chloroisopropyl)ether	< 430		ug/kg	12/16/96	1461476
			Pesticides, PCB's, and Herbicides					
		P001	Aldrin	< 2.2		ug/kg	12/16/96	1461476
		P002	Alpha-BHC	< 2.2	uj	ug/kg	12/16/96	1461476
		P003	Beta-BHC	< 2.2	uj	ug/kg	12/16/96	1461476
		P004	Delta-BHC	< 2.2		ug/kg	12/16/96	1461476
		P005	Gamma-BHC (Lindane)	< 2.2		ug/kg	12/16/96	1461476
		P006	4,4'-DDT	2.4	Jj	ug/kg	12/16/96	1461476
		P007	4,4'-DDE	0.64	Jj	ug/kg	12/16/96	1461476
		P008	4,4'-DDD	< 4.3		ug/kg	12/16/96	1461476
		P009	Dieldrin	< 4.3		ug/kg	12/16/96	1461476
		P010	Endosulfan I	< 2.2		ug/kg	12/16/96	1461476
		P011	Endosulfan II	< 4.3		ug/kg	12/16/96	1461476
		P012	Endosulfan Sulfate	< 4.3	uj	ug/kg	12/16/96	1461476
		P013	Endrin	< 4.3		ug/kg	12/16/96	1461476
		P014	Endrin Aldehyde	< 4.3		ug/kg	12/16/96	1461476
		P015	Endrin Ketone	< 4.3	uj	ug/kg	12/16/96	1461476
		P016	Heptachlor	< 2.2		ug/kg	12/16/96	1461476
		P017	Heptachlor Epoxide	< 2.2		ug/kg	12/16/96	1461476
		P018	Methoxychlor	< 22	uj	ug/kg	12/16/96	1461476
		P020	Toxaphene	< 43		ug/kg	12/16/96	1461476
		P047	Alpha-Chlordane	< 2.2		ug/kg	12/16/96	1461476
		P048	Gamma-Chlordane	< 2.2	uj	ug/kg	12/16/96	1461476
			Metals					
		M001	Aluminum	2400		mg/kg	12/16/96	1461476
		M002	Antimony	< 1.2		mg/kg	12/16/96	1461476
		M003	Arsenic	3.0	j	mg/kg	12/16/96	1461476
		M004	Barium	10	B[]	mg/kg	12/16/96	1461476
		M005	Beryllium	< 0.20		mg/kg	12/16/96	1461476
		M006	Cadmium	< 0.20		mg/kg	12/16/96	1461476
		M007	Calcium	340	BE[]	mg/kg	12/16/96	1461476

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Surface Soil Analytical Results
Supplemental Phase II Investigations
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
A8CW-4								
			Metals					
		M008	Chromium	34		mg/kg	12/16/96	1461476
		M009	Cobalt	1.1	B[]	mg/kg	12/16/96	1461476
		M010	Copper	1.1	B[]	mg/kg	12/16/96	1461476
		M011	Iron	2900		mg/kg	12/16/96	1461476
		M012	Lead	6.3		mg/kg	12/16/96	1461476
		M013	Magnesium	510	B[]	mg/kg	12/16/96	1461476
		M014	Manganese	18		mg/kg	12/16/96	1461476
		M015	Mercury	< 0.089	N	mg/kg	12/16/96	1461476
		M016	Nickel	2.3	B[]	mg/kg	12/16/96	1461476
		M017	Potassium	120	B[]	mg/kg	12/16/96	1461476
		M018	Selenium	< 0.99	N	mg/kg	12/16/96	1461476
		M019	Silver	< 0.20	r	mg/kg	12/16/96	1461476
		M020	Sodium	< 73	B[]u	mg/kg	12/16/96	1461476
		M021	Thallium	< 1.6	Nuj	mg/kg	12/16/96	1461476
		M023	Vanadium	7.1	B[]	mg/kg	12/16/96	1461476
		M024	Zinc	11		mg/kg	12/16/96	1461476
			Inorganic Non-metals					
		I009	Nitrogen, Ammonia	73.1		mg/kg	12/16/96	1461476
		I018	Sulfate as SO4	290		mg/kg	12/16/96	1461476
A9CW-1								
			Volatile Organics					
		V003	Benzene	< 10		ug/kg	12/16/96	1461477
		V005	Bromoform	< 10		ug/kg	12/16/96	1461477
		V006	Carbon Tetrachloride	< 10		ug/kg	12/16/96	1[illegible]7
		V007	Chlorobenzene	< 10		ug/kg	12/16/96	1[illegible]7
		V008	Dibromochloromethane	< 10		ug/kg	12/16/96	14[illegible]77
		V009	Bromodichloromethane	< 10		ug/kg	12/16/96	1461477
		V010	Chloroethane	< 21	uj	ug/kg	12/16/96	1461477
		V012	Chloroform	< 10		ug/kg	12/16/96	1461477
		V015	1,1-Dichloroethane	< 10		ug/kg	12/16/96	1461477
		V016	1,2-Dichloroethane	< 10		ug/kg	12/16/96	1461477
		V017	1,1-Dichloroethene	< 10		ug/kg	12/16/96	1461477
		V018	1,2-Dichloropropane	< 10		ug/kg	12/16/96	1461477
		V019	cis-1,3-Dichloropropene	< 10		ug/kg	12/16/96	1461477
		V020	Trans-1,3-Dichloropropene	< 10		ug/kg	12/16/96	1461477
		V021	Ethylbenzene	< 10		ug/kg	12/16/96	1461477
		V022	Bromomethane(MethylBromide)	< 21		ug/kg	12/16/96	1461477
		V023	Chloromethane (Methyl Chloride)	< 21		ug/kg	12/16/96	1461477
		V024	Methylene Chloride	< 8	JBu	ug/kg	12/16/96	1461477
		V025	1,1,2,2-Tetrachloroethane	< 10		ug/kg	12/16/96	1461477
		V026	Tetrachloroethene (PCE)	< 10		ug/kg	12/16/96	1461477
		V027	Toluene	< 10		ug/kg	12/16/96	1461477
		V029	1,1,1-Trichloroethane	< 10		ug/kg	12/16/96	1461477
		V030	1,1,2-Trichloroethane	< 10		ug/kg	12/16/96	1461477
		V031	Trichloroethene (TCE)	< 10		ug/kg	12/16/96	1461477
		V033	Styrene	< 10		ug/kg	12/16/96	1461477
		V034	Vinyl Chloride	< 21		ug/kg	12/16/96	1461477
		V039	Xylenes, Total	< 10		ug/kg	12/16/96	1461477
		V040	Acetone	< 22	Bu	ug/kg	12/16/96	1461477
		V041	2-Butanone (MEK)	< 21		ug/kg	12/16/96	1461477
		V042	Carbon Disulfide	< 10	uj	ug/kg	12/16/96	1461477
		V043	2-Hexanone	< 21	uj	ug/kg	12/16/96	1461477
		V044	4-Methyl-2-Pentanone (MIBK)	< 21		ug/kg	12/16/96	1461477
		V045	Vinyl Acetate	< 21		ug/kg	12/16/96	1461477
		V075	1,2-Dichloroethene(total)	< 10		ug/kg	12/16/96	1461477
		V155	2,4,4-Trimethyl-1-pentene	< 10	uj	ug/kg	12/16/96	1461477
		V253	2,4,4-Trimethyl-2-Pentene	< 10		ug/kg	12/16/96	1461477

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Surface Soil Analytical Results
Supplemental Phase II Investigations
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
A9CW-2			Volatile Organics					
		V003	Benzene	< 7		ug/kg	12/16/96	1461478
		V005	Bromoform	< 7		ug/kg	12/16/96	1461478
		V006	Carbon Tetrachloride	< 7		ug/kg	12/16/96	1461478
		V007	Chlorobenzene	< 7		ug/kg	12/16/96	1461478
		V008	Dibromochloromethane	< 7		ug/kg	12/16/96	1461478
		V009	Bromodichloromethane	< 7		ug/kg	12/16/96	1461478
		V010	Chloroethane	< 13	uj	ug/kg	12/16/96	1461478
		V012	Chloroform	< 7		ug/kg	12/16/96	1461478
		V015	1,1-Dichloroethane	< 7		ug/kg	12/16/96	1461478
		V016	1,2-Dichloroethane	< 7		ug/kg	12/16/96	1461478
		V017	1,1-Dichloroethene	< 7		ug/kg	12/16/96	1461478
		V018	1,2-Dichloropropane	< 7		ug/kg	12/16/96	1461478
		V019	cis-1,3-Dichloropropene	< 7		ug/kg	12/16/96	1461478
		V020	Trans-1,3-Dichloropropene	< 7		ug/kg	12/16/96	1461478
		V021	Ethylbenzene	< 7		ug/kg	12/16/96	1461478
		V022	Bromomethane(MethylBromide)	< 13		ug/kg	12/16/96	1461478
		V023	Chloromethane (Methyl Chloride)	< 13		ug/kg	12/16/96	1461478
		V024	Methylene Chloride	< 5	JBu	ug/kg	12/16/96	1461478
		V025	1,1,2,2-Tetrachloroethane	< 7		ug/kg	12/16/96	1461478
		V026	Tetrachloroethene (PCE)	< 7		ug/kg	12/16/96	1461478
		V027	Toluene	< 7		ug/kg	12/16/96	1461478
		V029	1,1,1-Trichloroethane	< 7		ug/kg	12/16/96	1461478
		V030	1,1,2-Trichloroethane	< 7		ug/kg	12/16/96	1461478
		V031	Trichloroethene (TCE)	< 7		ug/kg	12/16/96	1461478
		V033	Styrene	< 7		ug/kg	12/16/96	1461478
		V034	Vinyl Chloride	< 13		ug/kg	12/16/96	1461478
		V039	Xylenes, Total	< 7		ug/kg	12/16/96	1461478
		V040	Acetone	< 13	Bu	ug/kg	12/16/96	1461478
		V041	2-Butanone (MEK)	< 13		ug/kg	12/16/96	1461478
		V042	Carbon Disulfide	< 7	uj	ug/kg	12/16/96	1461478
		V043	2-Hexanone	< 13	uj	ug/kg	12/16/96	1461478
		V044	4-Methyl-2-Pentanone (MIBK)	< 13		ug/kg	12/16/96	1461478
		V045	Vinyl Acetate	< 13		ug/kg	12/16/96	1461478
		V075	1,2-Dichloroethene(total)	< 7		ug/kg	12/16/96	1461478
		V155	2,4,4-Trimethyl-1-pentene	< 7	uj	ug/kg	12/16/96	1461478
		V253	2,4,4-Trimethyl-2-Pentene	< 7		ug/kg	12/16/96	1461478
A9CW-3			Volatile Organics					
		V003	Benzene	< 7		ug/kg	12/16/96	1461479
		V005	Bromoform	< 7		ug/kg	12/16/96	1461479
		V006	Carbon Tetrachloride	< 7		ug/kg	12/16/96	1461479
		V007	Chlorobenzene	< 7		ug/kg	12/16/96	1461479
		V008	Dibromochloromethane	< 7		ug/kg	12/16/96	1461479
		V009	Bromodichloromethane	< 7		ug/kg	12/16/96	1461479
		V010	Chloroethane	< 13	uj	ug/kg	12/16/96	1461479
		V012	Chloroform	< 7		ug/kg	12/16/96	1461479
		V015	1,1-Dichloroethane	< 7		ug/kg	12/16/96	1461479
		V016	1,2-Dichloroethane	< 7		ug/kg	12/16/96	1461479
		V017	1,1-Dichloroethene	< 7		ug/kg	12/16/96	1461479
		V018	1,2-Dichloropropane	< 7		ug/kg	12/16/96	1461479
		V019	cis-1,3-Dichloropropene	< 7		ug/kg	12/16/96	1461479
		V020	Trans-1,3-Dichloropropene	< 7		ug/kg	12/16/96	1461479
		V021	Ethylbenzene	< 7		ug/kg	12/16/96	1461479
		V022	Bromomethane(MethylBromide)	< 13		ug/kg	12/16/96	1461479
		V023	Chloromethane (Methyl Chloride)	< 13		ug/kg	12/16/96	1461479
		V024	Methylene Chloride	< 7		ug/kg	12/16/96	1461479
		V025	1,1,2,2-Tetrachloroethane	< 7		ug/kg	12/16/96	1461479
		V026	Tetrachloroethene (PCE)	< 7		ug/kg	12/16/96	1461479

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Surface Soil Analytical Results
Supplemental Phase II Investigations
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
A9CW-3								
			Volatile Organics					
		V027	Toluene	< 7		ug/kg	12/16/96	1461479
		V029	1,1,1-Trichloroethane	71		ug/kg	12/16/96	1461479
		V030	1,1,2-Trichloroethane	< 7		ug/kg	12/16/96	1461479
		V031	Trichloroethene (TCE)	7		ug/kg	12/16/96	1461479
		V033	Styrene	< 7		ug/kg	12/16/96	1461479
		V034	Vinyl Chloride	< 13		ug/kg	12/16/96	1461479
		V039	Xylenes, Total	< 7		ug/kg	12/16/96	1461479
		V040	Acetone	< 13		ug/kg	12/16/96	1461479
		V041	2-Butanone (MEK)	< 13		ug/kg	12/16/96	1461479
		V042	Carbon Disulfide	< 7	uj	ug/kg	12/16/96	1461479
		V043	2-Hexanone	< 13	uj	ug/kg	12/16/96	1461479
		V044	4-Methyl-2-Pentanone (MIBK)	< 13		ug/kg	12/16/96	1461479
		V045	Vinyl Acetate	< 13		ug/kg	12/16/96	1461479
		V075	1,2-Dichloroethene(total)	< 7		ug/kg	12/16/96	1461479
		V155	2,4,4-Trimethyl-1-pentene	< 7	uj	ug/kg	12/16/96	1461479
		V253	2,4,4-Trimethyl-2-Pentene	< 7		ug/kg	12/16/96	1461479
A9CW-4								
			Volatile Organics					
		V003	Benzene	< 7		ug/kg	12/16/96	1461480
		V005	Bromoform	< 7		ug/kg	12/16/96	1461480
		V006	Carbon Tetrachloride	< 7		ug/kg	12/16/96	1461480
		V007	Chlorobenzene	< 7		ug/kg	12/16/96	1461480
		V008	Dibromochloromethane	< 7		ug/kg	12/16/96	1461480
		V009	Bromodichloromethane	< 7		ug/kg	12/16/96	1[illegible]
		V010	Chloroethane	< 14	uj	ug/kg	12/16/96	1[illegible]
		V012	Chloroform	< 7		ug/kg	12/16/96	14[illegible]80
		V015	1,1-Dichloroethane	< 7		ug/kg	12/16/96	1461480
		V016	1,2-Dichloroethane	< 7		ug/kg	12/16/96	1461480
		V017	1,1-Dichloroethene	< 7		ug/kg	12/16/96	1461480
		V018	1,2-Dichloropropane	< 7		ug/kg	12/16/96	1461480
		V019	cis-1,3-Dichloropropene	< 7		ug/kg	12/16/96	1461480
		V020	Trans-1,3-Dichloropropene	< 7		ug/kg	12/16/96	1461480
		V021	Ethylbenzene	< 7		ug/kg	12/16/96	1461480
		V022	Bromomethane(MethylBromide)	< 14		ug/kg	12/16/96	1461480
		V023	Chloromethane (Methyl Chloride)	< 14		ug/kg	12/16/96	1461480
		V024	Methylene Chloride	< 4	JBu	ug/kg	12/16/96	1461480
		V025	1,1,2,2-Tetrachloroethane	< 7		ug/kg	12/16/96	1461480
		V026	Tetrachloroethene (PCE)	< 7		ug/kg	12/16/96	1461480
		V027	Toluene	< 7		ug/kg	12/16/96	1461480
		V029	1,1,1-Trichloroethane	< 7		ug/kg	12/16/96	1461480
		V030	1,1,2-Trichloroethane	< 7		ug/kg	12/16/96	1461480
		V031	Trichloroethene (TCE)	< 7		ug/kg	12/16/96	1461480
		V033	Styrene	< 7		ug/kg	12/16/96	1461480
		V034	Vinyl Chloride	< 14		ug/kg	12/16/96	1461480
		V039	Xylenes, Total	< 7		ug/kg	12/16/96	1461480
		V040	Acetone	< 26	Bu	ug/kg	12/16/96	1461480
		V041	2-Butanone (MEK)	< 14		ug/kg	12/16/96	1461480
		V042	Carbon Disulfide	< 7	uj	ug/kg	12/16/96	1461480
		V043	2-Hexanone	< 14	uj	ug/kg	12/16/96	1461480
		V044	4-Methyl-2-Pentanone (MIBK)	< 14		ug/kg	12/16/96	1461480
		V045	Vinyl Acetate	< 14		ug/kg	12/16/96	1461480
		V075	1,2-Dichloroethene(total)	< 7		ug/kg	12/16/96	1461480
		V155	2,4,4-Trimethyl-1-pentene	< 7	uj	ug/kg	12/16/96	1461480
		V253	2,4,4-Trimethyl-2-Pentene	< 7		ug/kg	12/16/96	1461480
A9CW-(COMP)								
			Acid Extractable Organics					
		A001	Benzoic Acid	< 2800		ug/kg	12/16/96	1461481

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TABLE 2-12
Surface Soil Analytical Results
Supplemental Phase II Investigations
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
A9CW-(COMP)								
			Acid Extractable Organics					
		A002	2-Chlorophenol	< 580		ug/kg	12/16/96	1461481
		A003	2,4-Dichlorophenol	< 580		ug/kg	12/16/96	1461481
		A004	2,4-Dimethylphenol	< 580		ug/kg	12/16/96	1461481
		A006	4,6-Dinitro-2-methylphenol	< 2800		ug/kg	12/16/96	1461481
		A007	2,4-Dinitrophenol	< 2800		ug/kg	12/16/96	1461481
		A008	2-Nitrophenol	< 580		ug/kg	12/16/96	1461481
		A009	4-Nitrophenol	< 2800		ug/kg	12/16/96	1461481
		A011	Pentachlorophenol	< 2800		ug/kg	12/16/96	1461481
		A012	Phenol	< 580		ug/kg	12/16/96	1461481
		A013	2,4,6-Trichlorophenol	< 580		ug/kg	12/16/96	1461481
		A014	2,4,5-Trichlorophenol	< 2800		ug/kg	12/16/96	1461481
		A015	2-Methylphenol (o-Cresol)	< 580		ug/kg	12/16/96	1461481
		A016	4-Methylphenol(p-Cresol)	< 580		ug/kg	12/16/96	1461481
		A020	4-Chloro-3-methylphenol	< 580		ug/kg	12/16/96	1461481
			Base/Neutral Organics					
		B001	Acenaphthene	< 580		ug/kg	12/16/96	1461481
		B002	Acenaphthylene	< 580		ug/kg	12/16/96	1461481
		B003	Anthracene	< 580		ug/kg	12/16/96	1461481
		B005	Benzo(a)anthracene	< 580		ug/kg	12/16/96	1461481
		B006	Benzo(a)Pyrene	< 580		ug/kg	12/16/96	1461481
		B007	Benzo(b)fluoranthene	< 580		ug/kg	12/16/96	1461481
		B008	Benzo(k)fluoranthene	< 580		ug/kg	12/16/96	1461481
		B010	Benzo(g,h,i)perylene	< 580		ug/kg	12/16/96	1461481
		B011	bis(2-Chloroethoxy)methane	< 580		ug/kg	12/16/96	1461481
		B012	bis(2-Chloroethyl)ether	< 580		ug/kg	12/16/96	1461481
		B013	bis(2-EthylHexyl)phthalate	190	Jj	ug/kg	12/16/96	1461481
		B014	4-Bromophenyl-phenylether	< 580		ug/kg	12/16/96	1461481
		B015	Butylbenzylphthalate	< 580		ug/kg	12/16/96	1461481
		B016	2-Chloronaphthalene	< 580		ug/kg	12/16/96	1461481
		B017	4-Chlorophenyl-phenylether	< 580		ug/kg	12/16/96	1461481
		B018	Chrysene	< 580		ug/kg	12/16/96	1461481
		B019	Dibenzo(a,h)anthracene	< 580		ug/kg	12/16/96	1461481
		B020	1,2-Dichlorobenzene	< 580		ug/kg	12/16/96	1461481
		B021	1,3-Dichlorobenzene	< 580		ug/kg	12/16/96	1461481
		B022	1,4-Dichlorobenzene	< 580		ug/kg	12/16/96	1461481
		B023	3,3'-Dichlorobenzidine	< 1200		ug/kg	12/16/96	1461481
		B024	Diethylphthalate	< 580		ug/kg	12/16/96	1461481
		B025	Dimethylphthalate	< 580		ug/kg	12/16/96	1461481
		B026	Di-n-butylphthalate	< 65	JBu	ug/kg	12/16/96	1461481
		B027	2,4-Dinitrotoluene	< 580		ug/kg	12/16/96	1461481
		B028	2,6-Dinitrotoluene	< 580		ug/kg	12/16/96	1461481
		B029	Di-n-octylphthalate	< 580		ug/kg	12/16/96	1461481
		B031	Fluoranthene	< 580		ug/kg	12/16/96	1461481
		B032	Fluorene	< 580		ug/kg	12/16/96	1461481
		B033	Hexachlorobenzene	< 580		ug/kg	12/16/96	1461481
		B034	Hexachlorobutadiene	< 580		ug/kg	12/16/96	1461481
		B035	Hexachlorocyclopentadiene	< 580		ug/kg	12/16/96	1461481
		B036	Hexachloroethane	< 580		ug/kg	12/16/96	1461481
		B037	Indeno (1,2,3-cd) pyrene	< 580		ug/kg	12/16/96	1461481
		B038	Isophorone	< 580		ug/kg	12/16/96	1461481
		B039	Naphthalene	< 580		ug/kg	12/16/96	1461481
		B040	Nitrobenzene	< 580		ug/kg	12/16/96	1461481
		B042	N-Nitroso-di-n-propylamine	< 580		ug/kg	12/16/96	1461481
		B043	N-Nitrosodiphenylamine (1)	< 580		ug/kg	12/16/96	1461481
		B044	Phenanthrene	< 580		ug/kg	12/16/96	1461481
		B045	Pyrene	< 580		ug/kg	12/16/96	1461481
		B046	1,2,4-Trichlorobenzene	< 580		ug/kg	12/16/96	1461481
		B051	Benzyl Alcohol	< 580		ug/kg	12/16/96	1461481
		B052	4-Chloroaniline	< 580		ug/kg	12/16/96	1461481

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TABLE 2-12
Surface Soil Analytical Results
Supplemental Phase II Investigations
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
A9CW-(COMP)								
			Base/Neutral Organics					
		B053	Dibenzofuran	< 580		ug/kg	12/16/96	1461481
		B054	2-Methylnaphthalene	< 580		ug/kg	12/16/96	1461481
		B055	2-Nitroaniline	< 2800		ug/kg	12/16/96	1461481
		B056	3-Nitroaniline	< 2800		ug/kg	12/16/96	1461481
		B057	4-Nitroaniline	< 2800		ug/kg	12/16/96	1461481
		B058	bis(2-Chloroisopropyl)ether	< 580		ug/kg	12/16/96	1461481
			Pesticides, PCB's, and Herbicides					
		P001	Aldrin	1.9	Jj	ug/kg	12/16/96	1461481
		P002	Alpha-BHC	< 3.0		ug/kg	12/16/96	1461481
		P003	Beta-BHC	< 3.0		ug/kg	12/16/96	1461481
		P004	Delta-BHC	< 3.0		ug/kg	12/16/96	1461481
		P005	Gamma-BHC (Lindane)	5.2		ug/kg	12/16/96	1461481
		P006	4,4'-DDT	3.0	Jj	ug/kg	12/16/96	1461481
		P007	4,4'-DDE	1.6	Jj	ug/kg	12/16/96	1461481
		P008	4,4'-DDD	0.50	Jj	ug/kg	12/16/96	1461481
		P009	Dieldrin	< 5.8		ug/kg	12/16/96	1461481
		P010	Endosulfan I	2.1	Jj	ug/kg	12/16/96	1461481
		P011	Endosulfan II	< 5.8		ug/kg	12/16/96	1461481
		P012	Endosulfan Sulfate	< 5.8	uj	ug/kg	12/16/96	1461481
		P013	Endrin	< 5.8		ug/kg	12/16/96	1461481
		P014	Endrin Aldehyde	< 5.8		ug/kg	12/16/96	1461481
		P015	Endrin Ketone	< 5.8	uj	ug/kg	12/16/96	1461481
		P016	Heptachlor	< 3.0		ug/kg	12/16/96	1461481
		P017	Heptachlor Epoxide	< 3.0		ug/kg	12/16/96	1461481
		P018	Methoxychlor	< 30	uj	ug/kg	12/16/96	1[illegible]1
		P020	Toxaphene	< 58		ug/kg	12/16/96	1[illegible]
		P047	Alpha-Chlordane	< 3.0		ug/kg	12/16/96	14[illegible]81
		P048	Gamma-Chlordane	5.2	j	ug/kg	12/16/96	1461481
			Metals					
		M001	Aluminum	2400		mg/kg	12/16/96	1461481
		M002	Antimony	< 1.7		mg/kg	12/16/96	1461481
		M003	Arsenic	3.0	j	mg/kg	12/16/96	1461481
		M004	Barium	20	B[]	mg/kg	12/16/96	1461481
		M005	Beryllium	< 0.28		mg/kg	12/16/96	1461481
		M006	Cadmium	< 0.28		mg/kg	12/16/96	1461481
		M007	Calcium	470	BE[]	mg/kg	12/16/96	1461481
		M008	Chromium	38		mg/kg	12/16/96	1461481
		M009	Cobalt	1.4	B[]	mg/kg	12/16/96	1461481
		M010	Copper	6.0	B[]	mg/kg	12/16/96	1461481
		M011	Iron	2400		mg/kg	12/16/96	1461481
		M012	Lead	17		mg/kg	12/16/96	1461481
		M013	Magnesium	130	B[]	mg/kg	12/16/96	1461481
		M014	Manganese	6.8		mg/kg	12/16/96	1461481
		M015	Mercury	< 0.18	N	mg/kg	12/16/96	1461481
		M016	Nickel	3.9	B[]	mg/kg	12/16/96	1461481
		M017	Potassium	87	B[]	mg/kg	12/16/96	1461481
		M018	Selenium	< 1.4	N	mg/kg	12/16/96	1461481
		M019	Silver	< 0.28	r	mg/kg	12/16/96	1461481
		M020	Sodium	120	B[]	mg/kg	12/16/96	1461481
		M021	Thallium	< 2.2	Nuj	mg/kg	12/16/96	1461481
		M023	Vanadium	6.4	B[]	mg/kg	12/16/96	1461481
		M024	Zinc	15		mg/kg	12/16/96	1461481
			Inorganic Non-metals					
		I009	Nitrogen, Ammonia	168		mg/kg	12/16/96	1461481
		I018	Sulfate as SO4	400		mg/kg	12/16/96	1461481
AREA 1-1								
			Volatile Organics					
		V003	Benzene	< 6		ug/kg	12/15/96	1461482

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TABLE 2-12
Surface Soil Analytical Results
Supplemental Phase II Investigations
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
AREA 1-1								
			Volatile Organics					
		V005	Bromoform	< 6		ug/kg	12/15/96	1461482
		V006	Carbon Tetrachloride	< 6		ug/kg	12/15/96	1461482
		V007	Chlorobenzene	< 6		ug/kg	12/15/96	1461482
		V008	Dibromochloromethane	< 6		ug/kg	12/15/96	1461482
		V009	Bromodichloromethane	< 6		ug/kg	12/15/96	1461482
		V010	Chloroethane	< 12		ug/kg	12/15/96	1461482
		V012	Chloroform	< 6		ug/kg	12/15/96	1461482
		V015	1,1-Dichloroethane	< 6		ug/kg	12/15/96	1461482
		V016	1,2-Dichloroethane	< 6		ug/kg	12/15/96	1461482
		V017	1,1-Dichloroethene	< 6		ug/kg	12/15/96	1461482
		V018	1,2-Dichloropropane	< 6		ug/kg	12/15/96	1461482
		V019	cis-1,3-Dichloropropene	< 6		ug/kg	12/15/96	1461482
		V020	Trans-1,3-Dichloropropene	< 6		ug/kg	12/15/96	1461482
		V021	Ethylbenzene	< 6		ug/kg	12/15/96	1461482
		V022	Bromomethane(MethylBromide)	< 12		ug/kg	12/15/96	1461482
		V023	Chloromethane (Methyl Chloride)	< 12		ug/kg	12/15/96	1461482
		V024	Methylene Chloride	7		ug/kg	12/15/96	1461482
		V025	1,1,2,2-Tetrachloroethane	< 6		ug/kg	12/15/96	1461482
		V026	Tetrachloroethene (PCE)	< 6		ug/kg	12/15/96	1461482
		V027	Toluene	< 6		ug/kg	12/15/96	1461482
		V029	1,1,1-Trichloroethane	11		ug/kg	12/15/96	1461482
		V030	1,1,2-Trichloroethane	< 6		ug/kg	12/15/96	1461482
		V031	Trichloroethene (TCE)	< 6		ug/kg	12/15/96	1461482
		V033	Styrene	< 6		ug/kg	12/15/96	1461482
		V034	Vinyl Chloride	< 12		ug/kg	12/15/96	1461482
		V039	Xylenes, Total	6		ug/kg	12/15/96	1461482
		V040	Acetone	29	B	ug/kg	12/15/96	1461482
		V041	2-Butanone (MEK)	< 12		ug/kg	12/15/96	1461482
		V042	Carbon Disulfide	< 6		ug/kg	12/15/96	1461482
		V043	2-Hexanone	< 12		ug/kg	12/15/96	1461482
		V044	4-Methyl-2-Pentanone (MIBK)	< 12		ug/kg	12/15/96	1461482
		V045	Vinyl Acetate	< 12		ug/kg	12/15/96	1461482
		V075	1,2-Dichloroethene(total)	< 6		ug/kg	12/15/96	1461482
		V155	2,4,4-Trimethyl-1-pentene	< 6		ug/kg	12/15/96	1461482
		V253	2,4,4-Trimethyl-2-Pentene	< 6		ug/kg	12/15/96	1461482
AREA 1-2								
			Volatile Organics					
		V003	Benzene	< 5		ug/kg	12/15/96	1461483
		V005	Bromoform	< 5		ug/kg	12/15/96	1461483
		V006	Carbon Tetrachloride	< 5		ug/kg	12/15/96	1461483
		V007	Chlorobenzene	< 5		ug/kg	12/15/96	1461483
		V008	Dibromochloromethane	< 5		ug/kg	12/15/96	1461483
		V009	Bromodichloromethane	< 5		ug/kg	12/15/96	1461483
		V010	Chloroethane	< 11		ug/kg	12/15/96	1461483
		V012	Chloroform	< 5		ug/kg	12/15/96	1461483
		V015	1,1-Dichloroethane	< 5		ug/kg	12/15/96	1461483
		V016	1,2-Dichloroethane	< 5		ug/kg	12/15/96	1461483
		V017	1,1-Dichloroethene	< 5		ug/kg	12/15/96	1461483
		V018	1,2-Dichloropropane	< 5		ug/kg	12/15/96	1461483
		V019	cis-1,3-Dichloropropene	< 5		ug/kg	12/15/96	1461483
		V020	Trans-1,3-Dichloropropene	< 5		ug/kg	12/15/96	1461483
		V021	Ethylbenzene	< 5		ug/kg	12/15/96	1461483
		V022	Bromomethane(MethylBromide)	< 11		ug/kg	12/15/96	1461483
		V023	Chloromethane (Methyl Chloride)	< 11		ug/kg	12/15/96	1461483
		V024	Methylene Chloride	< 5		ug/kg	12/15/96	1461483
		V025	1,1,2,2-Tetrachloroethane	< 5		ug/kg	12/15/96	1461483
		V026	Tetrachloroethene (PCE)	< 5		ug/kg	12/15/96	1461483
		V027	Toluene	< 5		ug/kg	12/15/96	1461483

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TABLE 2-12
Surface Soil Analytical Results
Supplemental Phase II Investigations
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
AREA 1-2								
			Volatile Organics					
		V029	1,1,1-Trichloroethane	< 5		ug/kg	12/15/96	1461483
		V030	1,1,2-Trichloroethane	< 5		ug/kg	12/15/96	1461483
		V031	Trichloroethene (TCE)	< 5		ug/kg	12/15/96	1461483
		V033	Styrene	< 5		ug/kg	12/15/96	1461483
		V034	Vinyl Chloride	< 11		ug/kg	12/15/96	1461483
		V039	Xylenes, Total	< 5		ug/kg	12/15/96	1461483
		V040	Acetone	10	J	ug/kg	12/15/96	1461483
		V041	2-Butanone (MEK)	< 11		ug/kg	12/15/96	1461483
		V042	Carbon Disulfide	< 5		ug/kg	12/15/96	1461483
		V043	2-Hexanone	< 11		ug/kg	12/15/96	1461483
		V044	4-Methyl-2-Pentanone (MIBK)	< 11		ug/kg	12/15/96	1461483
		V045	Vinyl Acetate	< 11		ug/kg	12/15/96	1461483
		V075	1,2-Dichloroethene(total)	< 5		ug/kg	12/15/96	1461483
		V155	2,4,4-Trimethyl-1-pentene	< 5		ug/kg	12/15/96	1461483
		V253	2,4,4-Trimethyl-2-Pentene	< 5		ug/kg	12/15/96	1461483
AREA 1-3								
			Volatile Organics					
		V003	Benzene	< 6		ug/kg	12/15/96	1461484
		V005	Bromoform	< 6		ug/kg	12/15/96	1461484
		V006	Carbon Tetrachloride	< 6		ug/kg	12/15/96	1461484
		V007	Chlorobenzene	< 6		ug/kg	12/15/96	1461484
		V008	Dibromochloromethane	< 6		ug/kg	12/15/96	1461484
		V009	Bromodichloromethane	< 6		ug/kg	12/15/96	1461484
		V010	Chloroethane	< 13		ug/kg	12/15/96	1[illegible]
		V012	Chloroform	< 6		ug/kg	12/15/96	1[illegible]
		V015	1,1-Dichloroethane	< 6		ug/kg	12/15/96	1461484
		V016	1,2-Dichloroethane	< 6		ug/kg	12/15/96	1461484
		V017	1,1-Dichloroethene	< 6		ug/kg	12/15/96	1461484
		V018	1,2-Dichloropropane	< 6		ug/kg	12/15/96	1461484
		V019	cis-1,3-Dichloropropene	< 6		ug/kg	12/15/96	1461484
		V020	Trans-1,3-Dichloropropene	< 6		ug/kg	12/15/96	1461484
		V021	Ethylbenzene	< 6		ug/kg	12/15/96	1461484
		V022	Bromomethane(MethylBromide)	< 13		ug/kg	12/15/96	1461484
		V023	Chloromethane (Methyl Chloride)	< 13		ug/kg	12/15/96	1461484
		V024	Methylene Chloride	4	J	ug/kg	12/15/96	1461484
		V025	1,1,2,2-Tetrachloroethane	< 6		ug/kg	12/15/96	1461484
		V026	Tetrachloroethene (PCE)	< 6		ug/kg	12/15/96	1461484
		V027	Toluene	< 6		ug/kg	12/15/96	1461484
		V029	1,1,1-Trichloroethane	10		ug/kg	12/15/96	1461484
		V030	1,1,2-Trichloroethane	< 6		ug/kg	12/15/96	1461484
		V031	Trichloroethene (TCE)	< 6		ug/kg	12/15/96	1461484
		V033	Styrene	< 6		ug/kg	12/15/96	1461484
		V034	Vinyl Chloride	< 13		ug/kg	12/15/96	1461484
		V039	Xylenes, Total	< 6		ug/kg	12/15/96	1461484
		V040	Acetone	26	B	ug/kg	12/15/96	1461484
		V041	2-Butanone (MEK)	< 13		ug/kg	12/15/96	1461484
		V042	Carbon Disulfide	< 6		ug/kg	12/15/96	1461484
		V043	2-Hexanone	< 13		ug/kg	12/15/96	1461484
		V044	4-Methyl-2-Pentanone (MIBK)	< 13		ug/kg	12/15/96	1461484
		V045	Vinyl Acetate	< 13		ug/kg	12/15/96	1461484
		V075	1,2-Dichloroethene(total)	< 6		ug/kg	12/15/96	1461484
		V155	2,4,4-Trimethyl-1-pentene	< 6		ug/kg	12/15/96	1461484
		V253	2,4,4-Trimethyl-2-Pentene	< 6		ug/kg	12/15/96	1461484
AREA 1-4								
			Volatile Organics					
		V003	Benzene	< 8		ug/kg	12/15/96	1461485
		V005	Bromoform	< 8		ug/kg	12/15/96	1461485

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TABLE 2-12
Surface Soil Analytical Results
Supplemental Phase II Investigations
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
AREA 1-4								
			Volatile Organics					
		V006	Carbon Tetrachloride	< 8		ug/kg	12/15/96	1461485
		V007	Chlorobenzene	< 8		ug/kg	12/15/96	1461485
		V008	Dibromochloromethane	< 8		ug/kg	12/15/96	1461485
		V009	Bromodichloromethane	< 8		ug/kg	12/15/96	1461485
		V010	Chloroethane	< 16		ug/kg	12/15/96	1461485
		V012	Chloroform	< 8		ug/kg	12/15/96	1461485
		V015	1,1-Dichloroethane	< 8		ug/kg	12/15/96	1461485
		V016	1,2-Dichloroethane	< 8		ug/kg	12/15/96	1461485
		V017	1,1-Dichloroethene	18		ug/kg	12/15/96	1461485
		V018	1,2-Dichloropropane	< 8		ug/kg	12/15/96	1461485
		V019	cis-1,3-Dichloropropene	< 8		ug/kg	12/15/96	1461485
		V020	Trans-1,3-Dichloropropene	< 8		ug/kg	12/15/96	1461485
		V021	Ethylbenzene	< 8		ug/kg	12/15/96	1461485
		V022	Bromomethane(MethylBromide)	< 16		ug/kg	12/15/96	1461485
		V023	Chloromethane (Methyl Chloride)	< 16		ug/kg	12/15/96	1461485
		V024	Methylene Chloride	< 8		ug/kg	12/15/96	1461485
		V025	1,1,2,2-Tetrachloroethane	< 8		ug/kg	12/15/96	1461485
		V026	Tetrachloroethene (PCE)	< 8		ug/kg	12/15/96	1461485
		V027	Toluene	3	J	ug/kg	12/15/96	1461485
		V029	1,1,1-Trichloroethane	230		ug/kg	12/15/96	1461485
		V030	1,1,2-Trichloroethane	< 8		ug/kg	12/15/96	1461485
		V031	Trichloroethene (TCE)	9		ug/kg	12/15/96	1461485
		V033	Styrene	< 8		ug/kg	12/15/96	1461485
		V034	Vinyl Chloride	< 16		ug/kg	12/15/96	1461485
		V039	Xylenes, Total	< 8		ug/kg	12/15/96	1461485
		V040	Acetone	34		ug/kg	12/15/96	1461485
		V041	2-Butanone (MEK)	< 16		ug/kg	12/15/96	1461485
		V042	Carbon Disulfide	< 8		ug/kg	12/15/96	1461485
		V043	2-Hexanone	< 16		ug/kg	12/15/96	1461485
		V044	4-Methyl-2-Pentanone (MIBK)	< 16		ug/kg	12/15/96	1461485
		V045	Vinyl Acetate	< 16		ug/kg	12/15/96	1461485
		V075	1,2-Dichloroethene(total)	< 8		ug/kg	12/15/96	1461485
		V155	2,4,4-Trimethyl-1-pentene	< 8		ug/kg	12/15/96	1461485
		V253	2,4,4-Trimethyl-2-Pentene	< 8		ug/kg	12/15/96	1461485
AREA 1-5								
			Volatile Organics					
		V003	Benzene	< 6		ug/kg	12/15/96	1461486
		V005	Bromoform	< 6		ug/kg	12/15/96	1461486
		V006	Carbon Tetrachloride	< 6		ug/kg	12/15/96	1461486
		V007	Chlorobenzene	< 6		ug/kg	12/15/96	1461486
		V008	Dibromochloromethane	< 6		ug/kg	12/15/96	1461486
		V009	Bromodichloromethane	< 6		ug/kg	12/15/96	1461486
		V010	Chloroethane	< 12		ug/kg	12/15/96	1461486
		V012	Chloroform	< 6		ug/kg	12/15/96	1461486
		V015	1,1-Dichloroethane	< 6		ug/kg	12/15/96	1461486
		V016	1,2-Dichloroethane	< 6		ug/kg	12/15/96	1461486
		V017	1,1-Dichloroethene	< 6		ug/kg	12/15/96	1461486
		V018	1,2-Dichloropropane	< 6		ug/kg	12/15/96	1461486
		V019	cis-1,3-Dichloropropene	< 6		ug/kg	12/15/96	1461486
		V020	Trans-1,3-Dichloropropene	< 6		ug/kg	12/15/96	1461486
		V021	Ethylbenzene	< 6		ug/kg	12/15/96	1461486
		V022	Bromomethane(MethylBromide)	< 12		ug/kg	12/15/96	1461486
		V023	Chloromethane (Methyl Chloride)	< 12		ug/kg	12/15/96	1461486
		V024	Methylene Chloride	< 6		ug/kg	12/15/96	1461486
		V025	1,1,2,2-Tetrachloroethane	< 6		ug/kg	12/15/96	1461486
		V026	Tetrachloroethene (PCE)	< 6		ug/kg	12/15/96	1461486
		V027	Toluene	< 6		ug/kg	12/15/96	1461486
		V029	1,1,1-Trichloroethane	< 6		ug/kg	12/15/96	1461486

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TABLE 2-12
Surface Soil Analytical Results
Supplemental Phase II Investigations
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
AREA 1-5								
			Volatile Organics					
		V030	1,1,2-Trichloroethane	< 6		ug/kg	12/15/96	1461486
		V031	Trichloroethene (TCE)	< 6		ug/kg	12/15/96	1461486
		V033	Styrene	< 6		ug/kg	12/15/96	1461486
		V034	Vinyl Chloride	< 12		ug/kg	12/15/96	1461486
		V039	Xylenes, Total	< 6		ug/kg	12/15/96	1461486
		V040	Acetone	5	J	ug/kg	12/15/96	1461486
		V041	2-Butanone (MEK)	< 12		ug/kg	12/15/96	1461486
		V042	Carbon Disulfide	< 6		ug/kg	12/15/96	1461486
		V043	2-Hexanone	< 12		ug/kg	12/15/96	1461486
		V044	4-Methyl-2-Pentanone (MIBK)	< 12		ug/kg	12/15/96	1461486
		V045	Vinyl Acetate	< 12		ug/kg	12/15/96	1461486
		V075	1,2-Dichloroethene(total)	< 6		ug/kg	12/15/96	1461486
		V155	2,4,4-Trimethyl-1-pentene	< 6		ug/kg	12/15/96	1461486
		V253	2,4,4-Trimethyl-2-Pentene	< 6		ug/kg	12/15/96	1461486
AREA 1-6								
			Volatile Organics					
		V003	Benzene	< 8		ug/kg	12/15/96	1461487
		V005	Bromoform	< 8		ug/kg	12/15/96	1461487
		V006	Carbon Tetrachloride	< 8		ug/kg	12/15/96	1461487
		V007	Chlorobenzene	< 8		ug/kg	12/15/96	1461487
		V008	Dibromochloromethane	< 8		ug/kg	12/15/96	1461487
		V009	Bromodichloromethane	< 8		ug/kg	12/15/96	1461487
		V010	Chloroethane	< 15		ug/kg	12/15/96	1461487
		V012	Chloroform	< 8		ug/kg	12/15/96	1[illegible]7
		V015	1,1-Dichloroethane	< 8		ug/kg	12/15/96	1[illegible]7
		V016	1,2-Dichloroethane	< 8		ug/kg	12/15/96	14[illegible]87
		V017	1,1-Dichloroethene	< 8		ug/kg	12/15/96	1461487
		V018	1,2-Dichloropropane	< 8		ug/kg	12/15/96	1461487
		V019	cis-1,3-Dichloropropene	< 8		ug/kg	12/15/96	1461487
		V020	Trans-1,3-Dichloropropene	< 8		ug/kg	12/15/96	1461487
		V021	Ethylbenzene	< 8		ug/kg	12/15/96	1461487
		V022	Bromomethane(MethylBromide)	< 15		ug/kg	12/15/96	1461487
		V023	Chloromethane (Methyl Chloride)	< 15		ug/kg	12/15/96	1461487
		V024	Methylene Chloride	2	J	ug/kg	12/15/96	1461487
		V025	1,1,2,2-Tetrachloroethane	< 8		ug/kg	12/15/96	1461487
		V026	Tetrachloroethene (PCE)	< 8		ug/kg	12/15/96	1461487
		V027	Toluene	< 8		ug/kg	12/15/96	1461487
		V029	1,1,1-Trichloroethane	12		ug/kg	12/15/96	1461487
		V030	1,1,2-Trichloroethane	< 8		ug/kg	12/15/96	1461487
		V031	Trichloroethene (TCE)	< 8		ug/kg	12/15/96	1461487
		V033	Styrene	< 8		ug/kg	12/15/96	1461487
		V034	Vinyl Chloride	< 15		ug/kg	12/15/96	1461487
		V039	Xylenes, Total	< 8		ug/kg	12/15/96	1461487
		V040	Acetone	< 15		ug/kg	12/15/96	1461487
		V041	2-Butanone (MEK)	< 15		ug/kg	12/15/96	1461487
		V042	Carbon Disulfide	< 8		ug/kg	12/15/96	1461487
		V043	2-Hexanone	< 15		ug/kg	12/15/96	1461487
		V044	4-Methyl-2-Pentanone (MIBK)	< 15		ug/kg	12/15/96	1461487
		V045	Vinyl Acetate	< 15		ug/kg	12/15/96	1461487
		V075	1,2-Dichloroethene(total)	< 8		ug/kg	12/15/96	1461487
		V155	2,4,4-Trimethyl-1-pentene	< 8		ug/kg	12/15/96	1461487
		V253	2,4,4-Trimethyl-2-Pentene	< 8		ug/kg	12/15/96	1461487
AREA 1(COMP)								
			Acid Extractable Organics					
		A001	Benzoic Acid	< 1900		ug/kg	12/15/96	1461488
		A002	2-Chlorophenol	< 390		ug/kg	12/15/96	1461488
		A003	2,4-Dichlorophenol	< 390		ug/kg	12/15/96	1461488

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TABLE 2-12
Surface Soil Analytical Results
Supplemental Phase II Investigations
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
AREA 1(COMP)								
			Acid Extractable Organics					
		A004	2,4-Dimethylphenol	< 390		ug/kg	12/15/96	1461488
		A006	4,6-Dinitro-2-methylphenol	< 1900		ug/kg	12/15/96	1461488
		A007	2,4-Dinitrophenol	< 1900		ug/kg	12/15/96	1461488
		A008	2-Nitrophenol	< 390		ug/kg	12/15/96	1461488
		A009	4-Nitrophenol	< 1900		ug/kg	12/15/96	1461488
		A011	Pentachlorophenol	< 1900		ug/kg	12/15/96	1461488
		A012	Phenol	< 390		ug/kg	12/15/96	1461488
		A013	2,4,6-Trichlorophenol	< 390		ug/kg	12/15/96	1461488
		A014	2,4,5-Trichlorophenol	< 1900		ug/kg	12/15/96	1461488
		A015	2-Methylphenol (o-Cresol)	< 390		ug/kg	12/15/96	1461488
		A016	4-Methylphenol(p-Cresol)	< 390		ug/kg	12/15/96	1461488
		A020	4-Chloro-3-methylphenol	< 390		ug/kg	12/15/96	1461488
			Base/Neutral Organics					
		B001	Acenaphthene	< 390		ug/kg	12/15/96	1461488
		B002	Acenaphthylene	< 390		ug/kg	12/15/96	1461488
		B003	Anthracene	< 390		ug/kg	12/15/96	1461488
		B005	Benzo(a)anthracene	< 390		ug/kg	12/15/96	1461488
		B006	Benzo(a)Pyrene	< 390		ug/kg	12/15/96	1461488
		B007	Benzo(b)fluoranthene	< 390		ug/kg	12/15/96	1461488
		B008	Benzo(k)fluoranthene	< 390		ug/kg	12/15/96	1461488
		B010	Benzo(g,h,i)perylene	< 390		ug/kg	12/15/96	1461488
		B011	bis(2-Chloroethoxy)methane	< 390		ug/kg	12/15/96	1461488
		B012	bis(2-Chloroethyl)ether	< 390		ug/kg	12/15/96	1461488
		B013	bis(2-EthylHexyl)phthalate	130	JB	ug/kg	12/15/96	1461488
		B014	4-Bromophenyl-phenylether	< 390		ug/kg	12/15/96	1461488
		B015	Butylbenzylphthalate	< 390		ug/kg	12/15/96	1461488
		B016	2-Chloronaphthalene	< 390		ug/kg	12/15/96	1461488
		B017	4-Chlorophenyl-phenylether	< 390		ug/kg	12/15/96	1461488
		B018	Chrysene	< 390		ug/kg	12/15/96	1461488
		B019	Dibenzo(a,h)anthracene	< 390		ug/kg	12/15/96	1461488
		B020	1,2-Dichlorobenzene	< 390		ug/kg	12/15/96	1461488
		B021	1,3-Dichlorobenzene	< 390		ug/kg	12/15/96	1461488
		B022	1,4-Dichlorobenzene	< 390		ug/kg	12/15/96	1461488
		B023	3,3'-Dichlorobenzidine	< 780		ug/kg	12/15/96	1461488
		B024	Diethylphthalate	44	JB	ug/kg	12/15/96	1461488
		B025	Dimethylphthalate	< 390		ug/kg	12/15/96	1461488
		B026	Di-n-butylphthalate	27	JB	ug/kg	12/15/96	1461488
		B027	2,4-Dinitrotoluene	< 390		ug/kg	12/15/96	1461488
		B028	2,6-Dinitrotoluene	< 390		ug/kg	12/15/96	1461488
		B029	Di-n-octylphthalate	< 390		ug/kg	12/15/96	1461488
		B031	Fluoranthene	< 390		ug/kg	12/15/96	1461488
		B032	Fluorene	< 390		ug/kg	12/15/96	1461488
		B033	Hexachlorobenzene	< 390		ug/kg	12/15/96	1461488
		B034	Hexachlorobutadiene	< 390		ug/kg	12/15/96	1461488
		B035	Hexachlorocyclopentadiene	< 390		ug/kg	12/15/96	1461488
		B036	Hexachloroethane	< 390		ug/kg	12/15/96	1461488
		B037	Indeno (1,2,3-cd) pyrene	< 390		ug/kg	12/15/96	1461488
		B038	Isophorone	< 390		ug/kg	12/15/96	1461488
		B039	Naphthalene	< 390		ug/kg	12/15/96	1461488
		B040	Nitrobenzene	< 390		ug/kg	12/15/96	1461488
		B042	N-Nitroso-di-n-propylamine	< 390		ug/kg	12/15/96	1461488
		B043	N-Nitrosodiphenylamine (1)	< 390		ug/kg	12/15/96	1461488
		B044	Phenanthrene	< 390		ug/kg	12/15/96	1461488
		B045	Pyrene	< 390		ug/kg	12/15/96	1461488
		B046	1,2,4-Trichlorobenzene	< 390		ug/kg	12/15/96	1461488
		B051	Benzyl Alcohol	< 390		ug/kg	12/15/96	1461488
		B052	4-Chloroaniline	< 390		ug/kg	12/15/96	1461488
		B053	Dibenzofuran	< 390		ug/kg	12/15/96	1461488
		B054	2-Methylnaphthalene	< 390		ug/kg	12/15/96	1461488

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TABLE 2-12
Surface Soil Analytical Results
Supplemental Phase II Investigations
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
AREA 1(COMP)								
			Base/Neutral Organics					
		B055	2-Nitroaniline	< 1900		ug/kg	12/15/96	1461488
		B056	3-Nitroaniline	< 1900		ug/kg	12/15/96	1461488
		B057	4-Nitroaniline	< 1900		ug/kg	12/15/96	1461488
		B058	bis(2-Chloroisopropyl)ether	< 390		ug/kg	12/15/96	1461488
			Pesticides, PCB's, and Herbicides					
		P001	Aldrin	< 2.0		ug/kg	12/15/96	1461488
		P002	Alpha-BHC	< 2.0		ug/kg	12/15/96	1461488
		P003	Beta-BHC	< 2.0		ug/kg	12/15/96	1461488
		P004	Delta-BHC	< 2.0		ug/kg	12/15/96	1461488
		P005	Gamma-BHC (Lindane)	< 2.0		ug/kg	12/15/96	1461488
		P006	4,4'-DDT	< 3.8		ug/kg	12/15/96	1461488
		P007	4,4'-DDE	< 3.8		ug/kg	12/15/96	1461488
		P008	4,4'-DDD	< 3.8		ug/kg	12/15/96	1461488
		P009	Dieldrin	< 3.8		ug/kg	12/15/96	1461488
		P010	Endosulfan I	< 2.0		ug/kg	12/15/96	1461488
		P011	Endosulfan II	< 3.8		ug/kg	12/15/96	1461488
		P012	Endosulfan Sulfate	< 3.8		ug/kg	12/15/96	1461488
		P013	Endrin	< 3.8		ug/kg	12/15/96	1461488
		P014	Endrin Aldehyde	< 3.8		ug/kg	12/15/96	1461488
		P015	Endrin Ketone	< 3.8		ug/kg	12/15/96	1461488
		P016	Heptachlor	< 2.0		ug/kg	12/15/96	1461488
		P017	Heptachlor Epoxide	< 2.0		ug/kg	12/15/96	1461488
		P018	Methoxychlor	< 20		ug/kg	12/15/96	1461488
		P020	Toxaphene	< 38		ug/kg	12/15/96	1461488
		P047	Alpha-Chlordane	< 2.0		ug/kg	12/15/96	14[illegible]
		P048	Gamma-Chlordane	< 2.0		ug/kg	12/15/96	1[illegible]
			Metals					
		M001	Aluminum	2250	E	mg/kg	12/15/96	1461488
		M002	Antimony	< 1.1		mg/kg	12/15/96	1461488
		M003	Arsenic	1.2	B	mg/kg	12/15/96	1461488
		M004	Barium	5.8	B	mg/kg	12/15/96	1461488
		M005	Beryllium	< 0.18		mg/kg	12/15/96	1461488
		M006	Cadmium	< 0.18		mg/kg	12/15/96	1461488
		M007	Calcium	1000		mg/kg	12/15/96	1461488
		M008	Chromium	9.1	E	mg/kg	12/15/96	1461488
		M009	Cobalt	1.3	B	mg/kg	12/15/96	1461488
		M010	Copper	2.9	B	mg/kg	12/15/96	1461488
		M011	Iron	2090	E	mg/kg	12/15/96	1461488
		M012	Lead	2.0		mg/kg	12/15/96	1461488
		M013	Magnesium	706	BE	mg/kg	12/15/96	1461488
		M014	Manganese	27.7	E	mg/kg	12/15/96	1461488
		M015	Mercury	0.11	N	mg/kg	12/15/96	1461488
		M016	Nickel	4.0	B	mg/kg	12/15/96	1461488
		M017	Potassium	222	B	mg/kg	12/15/96	1461488
		M018	Selenium	0.91	N	mg/kg	12/15/96	1461488
		M019	Silver	< 0.18		mg/kg	12/15/96	1461488
		M020	Sodium	50.8	B	mg/kg	12/15/96	1461488
		M021	Thallium	1.4	N	mg/kg	12/15/96	1461488
		M023	Vanadium	4.3	B	mg/kg	12/15/96	1461488
		M024	Zinc	13.1		mg/kg	12/15/96	1461488
			Inorganic Non-metals					
		I009	Nitrogen, Ammonia	143		mg/kg	12/15/96	1461488
		I018	Sulfate as SO4	170		mg/kg	12/15/96	1461488
AREA8-1								
			Volatile Organics					
		V003	Benzene	< 6		ug/kg	12/16/96	1461469
		V005	Bromoform	< 6		ug/kg	12/16/96	1461469
		V006	Carbon Tetrachloride	< 6		ug/kg	12/16/96	1461469

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TABLE 2-12
Surface Soil Analytical Results
Supplemental Phase II Investigations
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
AREA8-1								
			Volatile Organics					
		V007	Chlorobenzene	< 6		ug/kg	12/16/96	1461469
		V008	Dibromochloromethane	< 6		ug/kg	12/16/96	1461469
		V009	Bromodichloromethane	< 6		ug/kg	12/16/96	1461469
		V010	Chloroethane	< 13	uj	ug/kg	12/16/96	1461469
		V012	Chloroform	< 6		ug/kg	12/16/96	1461469
		V015	1,1-Dichloroethane	< 6		ug/kg	12/16/96	1461469
		V016	1,2-Dichloroethane	< 6		ug/kg	12/16/96	1461469
		V017	1,1-Dichloroethene	< 6		ug/kg	12/16/96	1461469
		V018	1,2-Dichloropropane	< 6		ug/kg	12/16/96	1461469
		V019	cis-1,3-Dichloropropene	< 6		ug/kg	12/16/96	1461469
		V020	Trans-1,3-Dichloropropene	< 6		ug/kg	12/16/96	1461469
		V021	Ethylbenzene	< 6		ug/kg	12/16/96	1461469
		V022	Bromomethane(MethylBromide)	< 13		ug/kg	12/16/96	1461469
		V023	Chloromethane (Methyl Chloride)	< 13		ug/kg	12/16/96	1461469
		V024	Methylene Chloride	< 6		ug/kg	12/16/96	1461469
		V025	1,1,2,2-Tetrachloroethane	< 6		ug/kg	12/16/96	1461469
		V026	Tetrachloroethene (PCE)	< 6		ug/kg	12/16/96	1461469
		V027	Toluene	< 6		ug/kg	12/16/96	1461469
		V029	1,1,1-Trichloroethane	11		ug/kg	12/16/96	1461469
		V030	1,1,2-Trichloroethane	< 6		ug/kg	12/16/96	1461469
		V031	Trichloroethene (TCE)	< 6		ug/kg	12/16/96	1461469
		V033	Styrene	< 6		ug/kg	12/16/96	1461469
		V034	Vinyl Chloride	< 13		ug/kg	12/16/96	1461469
		V039	Xylenes, Total	< 6		ug/kg	12/16/96	1461469
		V040	Acetone	< 13		ug/kg	12/16/96	1461469
		V041	2-Butanone (MEK)	< 13		ug/kg	12/16/96	1461469
		V042	Carbon Disulfide	< 6		ug/kg	12/16/96	1461469
		V043	2-Hexanone	< 13	uj	ug/kg	12/16/96	1461469
		V044	4-Methyl-2-Pentanone (MIBK)	< 13		ug/kg	12/16/96	1461469
		V045	Vinyl Acetate	< 13		ug/kg	12/16/96	1461469
		V075	1,2-Dichloroethene(total)	< 6		ug/kg	12/16/96	1461469
		V155	2,4,4-Trimethyl-1-pentene	< 6	uj	ug/kg	12/16/96	1461469
		V253	2,4,4-Trimethyl-2-Pentene	< 6		ug/kg	12/16/96	1461469
			Acid Extractable Organics					
		A001	Benzoic Acid	< 2200		ug/kg	12/16/96	1461469
		A002	2-Chlorophenol	< 440		ug/kg	12/16/96	1461469
		A003	2,4-Dichlorophenol	< 440		ug/kg	12/16/96	1461469
		A004	2,4-Dimethylphenol	< 440		ug/kg	12/16/96	1461469
		A006	4,6-Dinitro-2-methylphenol	< 2200		ug/kg	12/16/96	1461469
		A007	2,4-Dinitrophenol	< 2200		ug/kg	12/16/96	1461469
		A008	2-Nitrophenol	< 440		ug/kg	12/16/96	1461469
		A009	4-Nitrophenol	< 2200		ug/kg	12/16/96	1461469
		A011	Pentachlorophenol	< 2200		ug/kg	12/16/96	1461469
		A012	Phenol	< 440		ug/kg	12/16/96	1461469
		A013	2,4,6-Trichlorophenol	< 440		ug/kg	12/16/96	1461469
		A014	2,4,5-Trichlorophenol	< 2200		ug/kg	12/16/96	1461469
		A015	2-Methylphenol (o-Cresol)	< 440		ug/kg	12/16/96	1461469
		A016	4-Methylphenol(p-Cresol)	< 440		ug/kg	12/16/96	1461469
		A020	4-Chloro-3-methylphenol	< 440		ug/kg	12/16/96	1461469
			Base/Neutral Organics					
		B001	Acenaphthene	< 440		ug/kg	12/16/96	1461469
		B002	Acenaphthylene	< 440		ug/kg	12/16/96	1461469
		B003	Anthracene	< 440		ug/kg	12/16/96	1461469
		B005	Benzo(a)anthracene	< 440		ug/kg	12/16/96	1461469
		B006	Benzo(a)Pyrene	< 440		ug/kg	12/16/96	1461469
		B007	Benzo(b)fluoranthene	< 440		ug/kg	12/16/96	1461469
		B008	Benzo(k)fluoranthene	< 440		ug/kg	12/16/96	1461469
		B010	Benzo(g,h,i)perylene	< 440		ug/kg	12/16/96	1461469
		B011	bis(2-Chloroethoxy)methane	< 440		ug/kg	12/16/96	1461469

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TABLE 2-12
Surface Soil Analytical Results
Supplemental Phase II Investigations
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
AREA8-1								
			Base/Neutral Organics					
		B012	bis(2-Chloroethyl)ether	< 440		ug/kg	12/16/96	1461469
		B013	bis(2-EthylHexyl)phthalate	< 440		ug/kg	12/16/96	1461469
		B014	4-Bromophenyl-phenylether	< 440		ug/kg	12/16/96	1461469
		B015	Butylbenzylphthalate	< 440		ug/kg	12/16/96	1461469
		B016	2-Chloronaphthalene	< 440		ug/kg	12/16/96	1461469
		B017	4-Chlorophenyl-phenylether	< 440		ug/kg	12/16/96	1461469
		B018	Chrysene	< 440		ug/kg	12/16/96	1461469
		B019	Dibenzo(a,h)anthracene	< 440		ug/kg	12/16/96	1461469
		B020	1,2-Dichlorobenzene	< 440		ug/kg	12/16/96	1461469
		B021	1,3-Dichlorobenzene	< 440		ug/kg	12/16/96	1461469
		B022	1,4-Dichlorobenzene	< 440		ug/kg	12/16/96	1461469
		B023	3,3'-Dichlorobenzidine	< 890		ug/kg	12/16/96	1461469
		B024	Diethylphthalate	< 440		ug/kg	12/16/96	1461469
		B025	Dimethylphthalate	< 440		ug/kg	12/16/96	1461469
		B026	Di-n-butylphthalate	< 440		ug/kg	12/16/96	1461469
		B027	2,4-Dinitrotoluene	< 440		ug/kg	12/16/96	1461469
		B028	2,6-Dinitrotoluene	< 440		ug/kg	12/16/96	1461469
		B029	Di-n-octylphthalate	< 440		ug/kg	12/16/96	1461469
		B031	Fluoranthene	< 440		ug/kg	12/16/96	1461469
		B032	Fluorene	< 440		ug/kg	12/16/96	1461469
		B033	Hexachlorobenzene	< 440		ug/kg	12/16/96	1461469
		B034	Hexachlorobutadiene	< 440		ug/kg	12/16/96	1461469
		B035	Hexachlorocyclopentadiene	< 440		ug/kg	12/16/96	1461469
		B036	Hexachloroethane	< 440		ug/kg	12/16/96	1461469
		B037	Indeno (1,2,3-cd) pyrene	< 440		ug/kg	12/16/96	1[illegible]69
		B038	Isophorone	< 440		ug/kg	12/16/96	1[illegible]9
		B039	Naphthalene	< 440		ug/kg	12/16/96	14[illegible].69
		B040	Nitrobenzene	< 440		ug/kg	12/16/96	1461469
		B042	N-Nitroso-di-n-propylamine	< 440		ug/kg	12/16/96	1461469
		B043	N-Nitrosodiphenylamine (1)	< 440		ug/kg	12/16/96	1461469
		B044	Phenanthrene	< 440		ug/kg	12/16/96	1461469
		B045	Pyrene	< 440		ug/kg	12/16/96	1461469
		B046	1,2,4-Trichlorobenzene	< 440		ug/kg	12/16/96	1461469
		B051	Benzyl Alcohol	< 440		ug/kg	12/16/96	1461469
		B052	4-Chloroaniline	< 440		ug/kg	12/16/96	1461469
		B053	Dibenzofuran	< 440		ug/kg	12/16/96	1461469
		B054	2-Methylnaphthalene	< 440		ug/kg	12/16/96	1461469
		B055	2-Nitroaniline	< 2200		ug/kg	12/16/96	1461469
		B056	3-Nitroaniline	< 2200		ug/kg	12/16/96	1461469
		B057	4-Nitroaniline	< 2200		ug/kg	12/16/96	1461469
		B058	bis(2-Chloroisopropyl)ether	< 440		ug/kg	12/16/96	1461469
			Pesticides, PCB's, and Herbicides					
		P001	Aldrin	< 2.3		ug/kg	12/16/96	1461469
		P002	Alpha-BHC	< 2.3		ug/kg	12/16/96	1461469
		P003	Beta-BHC	< 2.3		ug/kg	12/16/96	1461469
		P004	Delta-BHC	< 2.3		ug/kg	12/16/96	1461469
		P005	Gamma-BHC (Lindane)	< 2.3		ug/kg	12/16/96	1461469
		P006	4,4'-DDT	2.2	Jj	ug/kg	12/16/96	1461469
		P007	4,4'-DDE	2.3	Jj	ug/kg	12/16/96	1461469
		P008	4,4'-DDD	0.15	Jj	ug/kg	12/16/96	1461469
		P009	Dieldrin	0.99	Jj	ug/kg	12/16/96	1461469
		P010	Endosulfan I	< 2.3		ug/kg	12/16/96	1461469
		P011	Endosulfan II	< 4.4		ug/kg	12/16/96	1461469
		P012	Endosulfan Sulfate	< 4.4	uj	ug/kg	12/16/96	1461469
		P013	Endrin	< 4.4		ug/kg	12/16/96	1461469
		P014	Endrin Aldehyde	< 4.4		ug/kg	12/16/96	1461469
		P015	Endrin Ketone	< 4.4	uj	ug/kg	12/16/96	1461469
		P016	Heptachlor	< 2.3		ug/kg	12/16/96	1461469
		P017	Heptachlor Epoxide	< 2.3		ug/kg	12/16/96	1461469

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Surface Soil Analytical Results
Supplemental Phase II Investigations
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
AREA8-1								
			Pesticides, PCB's, and Herbicides					
		P018	Methoxychlor	< 23	uj	ug/kg	12/16/96	1461469
		P020	Toxaphene	< 44		ug/kg	12/16/96	1461469
		P047	Alpha-Chlordane	< 2.3		ug/kg	12/16/96	1461469
		P048	Gamma-Chlordane	< 2.3	uj	ug/kg	12/16/96	1461469
			Metals					
		M001	Aluminum	1700		mg/kg	12/16/96	1461469
		M002	Antimony	< 1.3		mg/kg	12/16/96	1461469
		M003	Arsenic	3.8	j	mg/kg	12/16/96	1461469
		M004	Barium	3.6	B[]	mg/kg	12/16/96	1461469
		M005	Beryllium	< 0.21		mg/kg	12/16/96	1461469
		M006	Cadmium	< 0.21		mg/kg	12/16/96	1461469
		M007	Calcium	91	BE[]	mg/kg	12/16/96	1461469
		M008	Chromium	2.6		mg/kg	12/16/96	1461469
		M009	Cobalt	< 0.21		mg/kg	12/16/96	1461469
		M010	Copper	2.8	B[]	mg/kg	12/16/96	1461469
		M011	Iron	2800		mg/kg	12/16/96	1461469
		M012	Lead	22		mg/kg	12/16/96	1461469
		M013	Magnesium	63	B[]	mg/kg	12/16/96	1461469
		M014	Manganese	3.9		mg/kg	12/16/96	1461469
		M015	Mercury	0.18	Nj	mg/kg	12/16/96	1461469
		M016	Nickel	0.96	B[]	mg/kg	12/16/96	1461469
		M017	Potassium	57	B[]	mg/kg	12/16/96	1461469
		M018	Selenium	1.1	Nj	mg/kg	12/16/96	1461469
		M019	Silver	< 0.21	r	mg/kg	12/16/96	1461469
		M020	Sodium	< 66	B[]u	mg/kg	12/16/96	1461469
		M021	Thallium	< 1.7	Nuj	mg/kg	12/16/96	1461469
		M023	Vanadium	15		mg/kg	12/16/96	1461469
		M024	Zinc	10		mg/kg	12/16/96	1461469
			Inorganic Non-metals					
		I009	Nitrogen, Ammonia	151		mg/kg	12/16/96	1461469
		I018	Sulfate as SO4	< 130		mg/kg	12/16/96	1461469
AREA8-2								
			Volatile Organics					
		V003	Benzene	< 6		ug/kg	12/16/96	1461470
		V005	Bromoform	< 6		ug/kg	12/16/96	1461470
		V006	Carbon Tetrachloride	< 6		ug/kg	12/16/96	1461470
		V007	Chlorobenzene	< 6		ug/kg	12/16/96	1461470
		V008	Dibromochloromethane	< 6		ug/kg	12/16/96	1461470
		V009	Bromodichloromethane	< 6		ug/kg	12/16/96	1461470
		V010	Chloroethane	< 13	uj	ug/kg	12/16/96	1461470
		V012	Chloroform	< 6		ug/kg	12/16/96	1461470
		V015	1,1-Dichloroethane	< 6		ug/kg	12/16/96	1461470
		V016	1,2-Dichloroethane	< 6		ug/kg	12/16/96	1461470
		V017	1,1-Dichloroethene	< 6		ug/kg	12/16/96	1461470
		V018	1,2-Dichloropropane	< 6		ug/kg	12/16/96	1461470
		V019	cis-1,3-Dichloropropene	< 6		ug/kg	12/16/96	1461470
		V020	Trans-1,3-Dichloropropene	< 6		ug/kg	12/16/96	1461470
		V021	Ethylbenzene	< 6		ug/kg	12/16/96	1461470
		V022	Bromomethane(MethylBromide)	< 13		ug/kg	12/16/96	1461470
		V023	Chloromethane (Methyl Chloride)	< 13		ug/kg	12/16/96	1461470
		V024	Methylene Chloride	< 6		ug/kg	12/16/96	1461470
		V025	1,1,2,2-Tetrachloroethane	< 6		ug/kg	12/16/96	1461470
		V026	Tetrachloroethene (PCE)	< 6		ug/kg	12/16/96	1461470
		V027	Toluene	< 6		ug/kg	12/16/96	1461470
		V029	1,1,1-Trichloroethane	16		ug/kg	12/16/96	1461470
		V030	1,1,2-Trichloroethane	< 6		ug/kg	12/16/96	1461470
		V031	Trichloroethene (TCE)	< 6		ug/kg	12/16/96	1461470
		V033	Styrene	< 6		ug/kg	12/16/96	1461470

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Surface Soil Analytical Results
Supplemental Phase II Investigations
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Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
AREA8-2								
			Volatile Organics					
		V034	Vinyl Chloride	< 13		ug/kg	12/16/96	1461470
		V039	Xylenes, Total	< 6		ug/kg	12/16/96	1461470
		V040	Acetone	< 17	u	ug/kg	12/16/96	1461470
		V041	2-Butanone (MEK)	< 13		ug/kg	12/16/96	1461470
		V042	Carbon Disulfide	< 6		ug/kg	12/16/96	1461470
		V043	2-Hexanone	< 13	uj	ug/kg	12/16/96	1461470
		V044	4-Methyl-2-Pentanone (MIBK)	< 13		ug/kg	12/16/96	1461470
		V045	Vinyl Acetate	< 13		ug/kg	12/16/96	1461470
		V075	1,2-Dichloroethene(total)	< 6		ug/kg	12/16/96	1461470
		V155	2,4,4-Trimethyl-1-pentene	< 6	uj	ug/kg	12/16/96	1461470
		V253	2,4,4-Trimethyl-2-Pentene	< 6		ug/kg	12/16/96	1461470
			Acid Extractable Organics					
		A001	Benzoic Acid	210	Jj	ug/kg	12/16/96	1461470
		A002	2-Chlorophenol	< 500		ug/kg	12/16/96	1461470
		A003	2,4-Dichlorophenol	< 500		ug/kg	12/16/96	1461470
		A004	2,4-Dimethylphenol	< 500		ug/kg	12/16/96	1461470
		A006	4,6-Dinitro-2-methylphenol	< 2400		ug/kg	12/16/96	1461470
		A007	2,4-Dinitrophenol	< 2400		ug/kg	12/16/96	1461470
		A008	2-Nitrophenol	< 500		ug/kg	12/16/96	1461470
		A009	4-Nitrophenol	< 2400		ug/kg	12/16/96	1461470
		A011	Pentachlorophenol	< 2400		ug/kg	12/16/96	1461470
		A012	Phenol	< 500		ug/kg	12/16/96	1461470
		A013	2,4,6-Trichlorophenol	< 500		ug/kg	12/16/96	1461470
		A014	2,4,5-Trichlorophenol	< 2400		ug/kg	12/16/96	1461470
		A015	2-Methylphenol (o-Cresol)	< 500		ug/kg	12/16/96	1[illegible]70
		A016	4-Methylphenol(p-Cresol)	< 500		ug/kg	12/16/96	1[illegible]0
		A020	4-Chloro-3-methylphenol	< 500		ug/kg	12/16/96	14[illegible]70
			Base/Neutral Organics					
		B001	Acenaphthene	< 500		ug/kg	12/16/96	1461470
		B002	Acenaphthylene	< 500		ug/kg	12/16/96	1461470
		B003	Anthracene	< 500		ug/kg	12/16/96	1461470
		B005	Benzo(a)anthracene	< 500		ug/kg	12/16/96	1461470
		B006	Benzo(a)Pyrene	< 500		ug/kg	12/16/96	1461470
		B007	Benzo(b)fluoranthene	46	Jj	ug/kg	12/16/96	1461470
		B008	Benzo(k)fluoranthene	36	Jj	ug/kg	12/16/96	1461470
		B010	Benzo(g,h,i)perylene	< 500		ug/kg	12/16/96	1461470
		B011	bis(2-Chloroethoxy)methane	< 500		ug/kg	12/16/96	1461470
		B012	bis(2-Chloroethyl)ether	< 500		ug/kg	12/16/96	1461470
		B013	bis(2-EthylHexyl)phthalate	< 500		ug/kg	12/16/96	1461470
		B014	4-Bromophenyl-phenylether	< 500		ug/kg	12/16/96	1461470
		B015	Butylbenzylphthalate	< 500		ug/kg	12/16/96	1461470
		B016	2-Chloronaphthalene	< 500		ug/kg	12/16/96	1461470
		B017	4-Chlorophenyl-phenylether	< 500		ug/kg	12/16/96	1461470
		B018	Chrysene	< 500		ug/kg	12/16/96	1461470
		B019	Dibenzo(a,h)anthracene	< 500		ug/kg	12/16/96	1461470
		B020	1,2-Dichlorobenzene	< 500		ug/kg	12/16/96	1461470
		B021	1,3-Dichlorobenzene	< 500		ug/kg	12/16/96	1461470
		B022	1,4-Dichlorobenzene	< 500		ug/kg	12/16/96	1461470
		B023	3,3'-Dichlorobenzidine	< 1000		ug/kg	12/16/96	1461470
		B024	Diethylphthalate	< 500		ug/kg	12/16/96	1461470
		B025	Dimethylphthalate	< 500		ug/kg	12/16/96	1461470
		B026	Di-n-butylphthalate	< 46	JBu	ug/kg	12/16/96	1461470
		B027	2,4-Dinitrotoluene	< 500		ug/kg	12/16/96	1461470
		B028	2,6-Dinitrotoluene	< 500		ug/kg	12/16/96	1461470
		B029	Di-n-octylphthalate	< 500		ug/kg	12/16/96	1461470
		B031	Fluoranthene	56	Jj	ug/kg	12/16/96	1461470
		B032	Fluorene	< 500		ug/kg	12/16/96	1461470
		B033	Hexachlorobenzene	< 500		ug/kg	12/16/96	1461470
		B034	Hexachlorobutadiene	< 500		ug/kg	12/16/96	1461470

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TABLE 2-12
Surface Soil Analytical Results
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Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
AREA8-2								
			Base/Neutral Organics					
		B035	Hexachlorocyclopentadiene	< 500		ug/kg	12/16/96	1461470
		B036	Hexachloroethane	< 500		ug/kg	12/16/96	1461470
		B037	Indeno (1,2,3-cd) pyrene	< 500		ug/kg	12/16/96	1461470
		B038	Isophorone	< 500		ug/kg	12/16/96	1461470
		B039	Naphthalene	< 500		ug/kg	12/16/96	1461470
		B040	Nitrobenzene	< 500		ug/kg	12/16/96	1461470
		B042	N-Nitroso-di-n-propylamine	< 500		ug/kg	12/16/96	1461470
		B043	N-Nitrosodiphenylamine (1)	< 500		ug/kg	12/16/96	1461470
		B044	Phenanthrene	< 500		ug/kg	12/16/96	1461470
		B045	Pyrene	48	Jj	ug/kg	12/16/96	1461470
		B046	1,2,4-Trichlorobenzene	< 500		ug/kg	12/16/96	1461470
		B051	Benzyl Alcohol	< 500		ug/kg	12/16/96	1461470
		B052	4-Chloroaniline	< 500		ug/kg	12/16/96	1461470
		B053	Dibenzofuran	< 500		ug/kg	12/16/96	1461470
		B054	2-Methylnaphthalene	< 500		ug/kg	12/16/96	1461470
		B055	2-Nitroaniline	< 2400		ug/kg	12/16/96	1461470
		B056	3-Nitroaniline	< 2400		ug/kg	12/16/96	1461470
		B057	4-Nitroaniline	< 2400		ug/kg	12/16/96	1461470
		B058	bis(2-Chloroisopropyl)ether	< 500		ug/kg	12/16/96	1461470
			Pesticides, PCB's, and Herbicides					
		P001	Aldrin	< 2.6		ug/kg	12/16/96	1461470
		P002	Alpha-BHC	< 2.6		ug/kg	12/16/96	1461470
		P003	Beta-BHC	0.13	Jj	ug/kg	12/16/96	1461470
		P004	Delta-BHC	< 2.6		ug/kg	12/16/96	1461470
		P005	Gamma-BHC (Lindane)	[illegible]		ug/kg	12/16/96	1461470
		P006	4,4'-DDT	[illegible]	Jj	ug/kg	12/16/96	1461470
		P007	4,4'-DDE	[illegible]	Jj	ug/kg	12/16/96	1461470
		P008	4,4'-DDD	< 5.0		ug/kg	12/16/96	1461470
		P009	Dieldrin	1.7	Jj	ug/kg	12/16/96	1461470
		P010	Endosulfan I	< 2.6		ug/kg	12/16/96	1461470
		P011	Endosulfan II	< 5.0		ug/kg	12/16/96	1461470
		P012	Endosulfan Sulfate	< 5.0	uj	ug/kg	12/16/96	1461470
		P013	Endrin	< 5.0		ug/kg	12/16/96	1461470
		P014	Endrin Aldehyde	< 5.0		ug/kg	12/16/96	1461470
		P015	Endrin Ketone	< 5.0	uj	ug/kg	12/16/96	1461470
		P016	Heptachlor	< 2.6		ug/kg	12/16/96	1461470
		P017	Heptachlor Epoxide	0.078	Jj	ug/kg	12/16/96	1461470
		P018	Methoxychlor	< 26	uj	ug/kg	12/16/96	1461470
		P020	Toxaphene	< 50		ug/kg	12/16/96	1461470
		P047	Alpha-Chlordane	< 2.6		ug/kg	12/16/96	1461470
		P048	Gamma-Chlordane	< 2.6	uj	ug/kg	12/16/96	1461470
			Metals					
		M008	Chromium	4.5		mg/kg	12/16/96	1461470
			Inorganic Non-metals					
		I009	Nitrogen, Ammonia	215		mg/kg	12/16/96	1461470
		I018	Sulfate as SO4	290		mg/kg	12/16/96	1461470
AREA8-3								
			Volatile Organics					
		V003	Benzene	< 6		ug/kg	12/16/96	1461471
		V005	Bromoform	< 6		ug/kg	12/16/96	1461471
		V006	Carbon Tetrachloride	< 6		ug/kg	12/16/96	1461471
		V007	Chlorobenzene	< 6		ug/kg	12/16/96	1461471
		V008	Dibromochloromethane	< 6		ug/kg	12/16/96	1461471
		V009	Bromodichloromethane	< 6		ug/kg	12/16/96	1461471
		V010	Chloroethane	< 13	uj	ug/kg	12/16/96	1461471
		V012	Chloroform	< 6		ug/kg	12/16/96	1461471
		V015	1,1-Dichloroethane	< 6		ug/kg	12/16/96	1461471
		V016	1,2-Dichloroethane	< 6		ug/kg	12/16/96	1461471

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TABLE 2-12
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Supplemental Phase II Investigations
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Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
AREA8-3								
			Volatile Organics					
		V017	1,1-Dichloroethene	< 6		ug/kg	12/16/96	1461471
		V018	1,2-Dichloropropane	< 6		ug/kg	12/16/96	1461471
		V019	cis-1,3-Dichloropropene	< 6		ug/kg	12/16/96	1461471
		V020	Trans-1,3-Dichloropropene	< 6		ug/kg	12/16/96	1461471
		V021	Ethylbenzene	< 6		ug/kg	12/16/96	1461471
		V022	Bromomethane(MethylBromide)	< 13		ug/kg	12/16/96	1461471
		V023	Chloromethane (Methyl Chloride)	< 13		ug/kg	12/16/96	1461471
		V024	Methylene Chloride	< 6		ug/kg	12/16/96	1461471
		V025	1,1,2,2-Tetrachloroethane	< 6		ug/kg	12/16/96	1461471
		V026	Tetrachloroethene (PCE)	< 6		ug/kg	12/16/96	1461471
		V027	Toluene	< 6		ug/kg	12/16/96	1461471
		V029	1,1,1-Trichloroethane	< 6		ug/kg	12/16/96	1461471
		V030	1,1,2-Trichloroethane	< 6		ug/kg	12/16/96	1461471
		V031	Trichloroethene (TCE)	< 6		ug/kg	12/16/96	1461471
		V033	Styrene	< 6		ug/kg	12/16/96	1461471
		V034	Vinyl Chloride	< 13		ug/kg	12/16/96	1461471
		V039	Xylenes, Total	< 6		ug/kg	12/16/96	1461471
		V040	Acetone	< 9	Ju	ug/kg	12/16/96	1461471
		V041	2-Butanone (MEK)	< 13		ug/kg	12/16/96	1461471
		V042	Carbon Disulfide	< 6		ug/kg	12/16/96	1461471
		V043	2-Hexanone	< 13	uj	ug/kg	12/16/96	1461471
		V044	4-Methyl-2-Pentanone (MIBK)	< 13		ug/kg	12/16/96	1461471
		V045	Vinyl Acetate	< 13		ug/kg	12/16/96	1461471
		V075	1,2-Dichloroethene(total)	< 6		ug/kg	12/16/96	1461471
		V155	2,4,4-Trimethyl-1-pentene	< 6	uj	ug/kg	12/16/96	1[illegible]71
		V253	2,4,4-Trimethyl-2-Pentene	< 6		ug/kg	12/16/96	1[illegible]1
			Acid Extractable Organics					
		A001	Benzoic Acid	< 2400		ug/kg	12/16/96	1461471
		A002	2-Chlorophenol	< 500		ug/kg	12/16/96	1461471
		A003	2,4-Dichlorophenol	< 500		ug/kg	12/16/96	1461471
		A004	2,4-Dimethylphenol	< 500		ug/kg	12/16/96	1461471
		A006	4,6-Dinitro-2-methylphenol	< 2400		ug/kg	12/16/96	1461471
		A007	2,4-Dinitrophenol	< 2400		ug/kg	12/16/96	1461471
		A008	2-Nitrophenol	< 500		ug/kg	12/16/96	1461471
		A009	4-Nitrophenol	< 2400		ug/kg	12/16/96	1461471
		A011	Pentachlorophenol	< 2400		ug/kg	12/16/96	1461471
		A012	Phenol	< 500		ug/kg	12/16/96	1461471
		A013	2,4,6-Trichlorophenol	< 500		ug/kg	12/16/96	1461471
		A014	2,4,5-Trichlorophenol	< 2400		ug/kg	12/16/96	1461471
		A015	2-Methylphenol (o-Cresol)	< 500		ug/kg	12/16/96	1461471
		A016	4-Methylphenol(p-Cresol)	< 500		ug/kg	12/16/96	1461471
		A020	4-Chloro-3-methylphenol	< 500		ug/kg	12/16/96	1461471
			Base/Neutral Organics					
		B001	Acenaphthene	< 500		ug/kg	12/16/96	1461471
		B002	Acenaphthylene	< 500		ug/kg	12/16/96	1461471
		B003	Anthracene	< 500		ug/kg	12/16/96	1461471
		B005	Benzo(a)anthracene	< 500		ug/kg	12/16/96	1461471
		B006	Benzo(a)Pyrene	< 500		ug/kg	12/16/96	1461471
		B007	Benzo(b)fluoranthene	< 500		ug/kg	12/16/96	1461471
		B008	Benzo(k)fluoranthene	< 500		ug/kg	12/16/96	1461471
		B010	Benzo(g,h,i)perylene	< 500		ug/kg	12/16/96	1461471
		B011	bis(2-Chloroethoxy)methane	< 500		ug/kg	12/16/96	1461471
		B012	bis(2-Chloroethyl)ether	< 500		ug/kg	12/16/96	1461471
		B013	bis(2-EthylHexyl)phthalate	< 500		ug/kg	12/16/96	1461471
		B014	4-Bromophenyl-phenylether	< 500		ug/kg	12/16/96	1461471
		B015	Butylbenzylphthalate	< 500		ug/kg	12/16/96	1461471
		B016	2-Chloronaphthalene	< 500		ug/kg	12/16/96	1461471
		B017	4-Chlorophenyl-phenylether	< 500		ug/kg	12/16/96	1461471
		B018	Chrysene	< 500		ug/kg	12/16/96	1461471

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Surface Soil Analytical Results
Supplemental Phase II Investigations
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
AREA8-3								
			Base/Neutral Organics					
		B019	Dibenzo(a,h)anthracene	< 500		ug/kg	12/16/96	1461471
		B020	1,2-Dichlorobenzene	< 500		ug/kg	12/16/96	1461471
		B021	1,3-Dichlorobenzene	< 500		ug/kg	12/16/96	1461471
		B022	1,4-Dichlorobenzene	< 500		ug/kg	12/16/96	1461471
		B023	3,3'-Dichlorobenzidine	< 1000		ug/kg	12/16/96	1461471
		B024	Diethylphthalate	< 500		ug/kg	12/16/96	1461471
		B025	Dimethylphthalate	< 500		ug/kg	12/16/96	1461471
		B026	Di-n-butylphthalate	< 500		ug/kg	12/16/96	1461471
		B027	2,4-Dinitrotoluene	< 500		ug/kg	12/16/96	1461471
		B028	2,6-Dinitrotoluene	< 500		ug/kg	12/16/96	1461471
		B029	Di-n-octylphthalate	< 500		ug/kg	12/16/96	1461471
		B031	Fluoranthene	< 500		ug/kg	12/16/96	1461471
		B032	Fluorene	< 500		ug/kg	12/16/96	1461471
		B033	Hexachlorobenzene	< 500		ug/kg	12/16/96	1461471
		B034	Hexachlorobutadiene	< 500		ug/kg	12/16/96	1461471
		B035	Hexachlorocyclopentadiene	< 500		ug/kg	12/16/96	1461471
		B036	Hexachloroethane	< 500		ug/kg	12/16/96	1461471
		B037	Indeno (1,2,3-cd) pyrene	< 500		ug/kg	12/16/96	1461471
		B038	Isophorone	< 500		ug/kg	12/16/96	1461471
		B039	Naphthalene	< 500		ug/kg	12/16/96	1461471
		B040	Nitrobenzene	< 500		ug/kg	12/16/96	1461471
		B042	N-Nitroso-di-n-propylamine	< 500		ug/kg	12/16/96	1461471
		B043	N-Nitrosodiphenylamine (1)	< 500		ug/kg	12/16/96	1461471
		B044	Phenanthrene	< 500		ug/kg	12/16/96	1461471
		B045	Pyrene	< 500		ug/kg	12/16/96	1461471
		B046	1,2,4-Trichlorobenzene	< 500		ug/kg	12/16/96	1461471
		B051	Benzyl Alcohol	< 500		ug/kg	12/16/96	1461471
		B052	4-Chloroaniline	< 500		ug/kg	12/16/96	1461471
		B053	Dibenzofuran	< 500		ug/kg	12/16/96	1461471
		B054	2-Methylnaphthalene	< 500		ug/kg	12/16/96	1461471
		B055	2-Nitroaniline	< 2400		ug/kg	12/16/96	1461471
		B056	3-Nitroaniline	< 2400		ug/kg	12/16/96	1461471
		B057	4-Nitroaniline	< 2400		ug/kg	12/16/96	1461471
		B058	bis(2-Chloroisopropyl)ether	< 500		ug/kg	12/16/96	1461471
			Pesticides, PCB's, and Herbicides					
		P001	Aldrin	< 2.3		ug/kg	12/16/96	1461471
		P002	Alpha-BHC	0.20	Jj	ug/kg	12/16/96	1461471
		P003	Beta-BHC	< 2.3		ug/kg	12/16/96	1461471
		P004	Delta-BHC	< 2.3		ug/kg	12/16/96	1461471
		P005	Gamma-BHC (Lindane)	< 2.3		ug/kg	12/16/96	1461471
		P006	4,4'-DDT	2.3	Jj	ug/kg	12/16/96	1461471
		P007	4,4'-DDE	0.53	Jj	ug/kg	12/16/96	1461471
		P008	4,4'-DDD	< 4.4		ug/kg	12/16/96	1461471
		P009	Dieldrin	1.3	Jj	ug/kg	12/16/96	1461471
		P010	Endosulfan I	< 2.3		ug/kg	12/16/96	1461471
		P011	Endosulfan II	< 4.4		ug/kg	12/16/96	1461471
		P012	Endosulfan Sulfate	< 4.4	uj	ug/kg	12/16/96	1461471
		P013	Endrin	< 4.4		ug/kg	12/16/96	1461471
		P014	Endrin Aldehyde	< 4.4		ug/kg	12/16/96	1461471
		P015	Endrin Ketone	< 4.4	uj	ug/kg	12/16/96	1461471
		P016	Heptachlor	< 2.3		ug/kg	12/16/96	1461471
		P017	Heptachlor Epoxide	< 2.3		ug/kg	12/16/96	1461471
		P018	Methoxychlor	< 23	uj	ug/kg	12/16/96	1461471
		P020	Toxaphene	< 44		ug/kg	12/16/96	1461471
		P047	Alpha-Chlordane	< 2.3		ug/kg	12/16/96	1461471
		P048	Gamma-Chlordane	< 2.3	uj	ug/kg	12/16/96	1461471
			Metals					
		M008	Chromium	520		mg/kg	12/16/96	1461471

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Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
AREA8-3								
			Inorganic Non-metals					
		I009	Nitrogen, Ammonia	154		mg/kg	12/16/96	1461471
		I018	Sulfate as SO4	320		mg/kg	12/16/96	1461471
AREA8-4								
			Volatile Organics					
		V003	Benzene	< 6		ug/kg	12/16/96	1461472
		V005	Bromoform	< 6		ug/kg	12/16/96	1461472
		V006	Carbon Tetrachloride	< 6		ug/kg	12/16/96	1461472
		V007	Chlorobenzene	< 6		ug/kg	12/16/96	1461472
		V008	Dibromochloromethane	< 6		ug/kg	12/16/96	1461472
		V009	Bromodichloromethane	< 6		ug/kg	12/16/96	1461472
		V010	Chloroethane	< 13	uj	ug/kg	12/16/96	1461472
		V012	Chloroform	< 6		ug/kg	12/16/96	1461472
		V015	1,1-Dichloroethane	< 6		ug/kg	12/16/96	1461472
		V016	1,2-Dichloroethane	< 6		ug/kg	12/16/96	1461472
		V017	1,1-Dichloroethene	< 6		ug/kg	12/16/96	1461472
		V018	1,2-Dichloropropane	< 6		ug/kg	12/16/96	1461472
		V019	cis-1,3-Dichloropropene	< 6		ug/kg	12/16/96	1461472
		V020	Trans-1,3-Dichloropropene	< 6		ug/kg	12/16/96	1461472
		V021	Ethylbenzene	< 6		ug/kg	12/16/96	1461472
		V022	Bromomethane(MethylBromide)	< 13		ug/kg	12/16/96	1461472
		V023	Chloromethane (Methyl Chloride)	< 13		ug/kg	12/16/96	1461472
		V024	Methylene Chloride	< 6		ug/kg	12/16/96	1461472
		V025	1,1,2,2-Tetrachloroethane	< 6		ug/kg	12/16/96	1461472
		V026	Tetrachloroethene (PCE)	< 6		ug/kg	12/16/96	1[illegible]2
		V027	Toluene	< 6		ug/kg	12/16/96	1[illegible]2
		V029	1,1,1-Trichloroethane	6		ug/kg	12/16/96	14[illegible]472
		V030	1,1,2-Trichloroethane	< 6		ug/kg	12/16/96	1461472
		V031	Trichloroethene (TCE)	< 6		ug/kg	12/16/96	1461472
		V033	Styrene	< 6		ug/kg	12/16/96	1461472
		V034	Vinyl Chloride	< 13		ug/kg	12/16/96	1461472
		V039	Xylenes, Total	< 6		ug/kg	12/16/96	1461472
		V040	Acetone	< 9	Ju	ug/kg	12/16/96	1461472
		V041	2-Butanone (MEK)	< 13		ug/kg	12/16/96	1461472
		V042	Carbon Disulfide	< 6		ug/kg	12/16/96	1461472
		V043	2-Hexanone	< 13	uj	ug/kg	12/16/96	1461472
		V044	4-Methyl-2-Pentanone (MIBK)	< 13		ug/kg	12/16/96	1461472
		V045	Vinyl Acetate	< 13		ug/kg	12/16/96	1461472
		V075	1,2-Dichloroethene(total)	< 6		ug/kg	12/16/96	1461472
		V155	2,4,4-Trimethyl-1-pentene	< 6	uj	ug/kg	12/16/96	1461472
		V253	2,4,4-Trimethyl-2-Pentene	< 6		ug/kg	12/16/96	1461472
			Acid Extractable Organics					
		A001	Benzoic Acid	1800	Jj	ug/kg	12/16/96	1461472
		A002	2-Chlorophenol	< 4300		ug/kg	12/16/96	1461472
		A003	2,4-Dichlorophenol	< 4300		ug/kg	12/16/96	1461472
		A004	2,4-Dimethylphenol	< 4300		ug/kg	12/16/96	1461472
		A006	4,6-Dinitro-2-methylphenol	< 21000		ug/kg	12/16/96	1461472
		A007	2,4-Dinitrophenol	< 21000		ug/kg	12/16/96	1461472
		A008	2-Nitrophenol	< 4300		ug/kg	12/16/96	1461472
		A009	4-Nitrophenol	< 21000		ug/kg	12/16/96	1461472
		A011	Pentachlorophenol	< 21000		ug/kg	12/16/96	1461472
		A012	Phenol	< 4300		ug/kg	12/16/96	1461472
		A013	2,4,6-Trichlorophenol	< 4300		ug/kg	12/16/96	1461472
		A014	2,4,5-Trichlorophenol	< 21000		ug/kg	12/16/96	1461472
		A015	2-Methylphenol (o-Cresol)	< 4300		ug/kg	12/16/96	1461472
		A016	4-Methylphenol(p-Cresol)	< 4300		ug/kg	12/16/96	1461472
		A020	4-Chloro-3-methylphenol	< 4300		ug/kg	12/16/96	1461472
			Base/Neutral Organics					
		B001	Acenaphthene	< 4300		ug/kg	12/16/96	1461472

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Supplemental Phase II Investigations
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
AREA8-4								
			Base/Neutral Organics					
		B002	Acenaphthylene	< 4300		ug/kg	12/16/96	1461472
		B003	Anthracene	< 4300		ug/kg	12/16/96	1461472
		B005	Benzo(a)anthracene	< 4300		ug/kg	12/16/96	1461472
		B006	Benzo(a)Pyrene	< 4300		ug/kg	12/16/96	1461472
		B007	Benzo(b)fluoranthene	< 4300		ug/kg	12/16/96	1461472
		B008	Benzo(k)fluoranthene	< 4300		ug/kg	12/16/96	1461472
		B010	Benzo(g,h,i)perylene	< 4300		ug/kg	12/16/96	1461472
		B011	bis(2-Chloroethoxy)methane	< 4300		ug/kg	12/16/96	1461472
		B012	bis(2-Chloroethyl)ether	< 4300		ug/kg	12/16/96	1461472
		B013	bis(2-EthylHexyl)phthalate	22000		ug/kg	12/16/96	1461472
		B014	4-Bromophenyl-phenylether	< 4300		ug/kg	12/16/96	1461472
		B015	Butylbenzylphthalate	< 4300		ug/kg	12/16/96	1461472
		B016	2-Chloronaphthalene	< 4300		ug/kg	12/16/96	1461472
		B017	4-Chlorophenyl-phenylether	< 4300		ug/kg	12/16/96	1461472
		B018	Chrysene	< 4300		ug/kg	12/16/96	1461472
		B019	Dibenzo(a,h)anthracene	< 4300		ug/kg	12/16/96	1461472
		B020	1,2-Dichlorobenzene	< 4300		ug/kg	12/16/96	1461472
		B021	1,3-Dichlorobenzene	< 4300		ug/kg	12/16/96	1461472
		B022	1,4-Dichlorobenzene	< 4300		ug/kg	12/16/96	1461472
		B023	3,3'-Dichlorobenzidine	< 8700		ug/kg	12/16/96	1461472
		B024	Diethylphthalate	< 4300		ug/kg	12/16/96	1461472
		B025	Dimethylphthalate	< 4300		ug/kg	12/16/96	1461472
		B026	Di-n-butylphthalate	1400	JB	ug/kg	12/16/96	1461472
		B027	2,4-Dinitrotoluene	< 4300		ug/kg	12/16/96	1461472
		B028	2,6-Dinitrotoluene	< 4300		ug/kg	12/16/96	1461472
		B029	Di-n-octylphthalate	< 4300		ug/kg	12/16/96	1461472
		B031	Fluoranthene	< 4300		ug/kg	12/16/96	1461472
		B032	Fluorene	< 4300		ug/kg	12/16/96	1461472
		B033	Hexachlorobenzene	< 4300		ug/kg	12/16/96	1461472
		B034	Hexachlorobutadiene	< 4300		ug/kg	12/16/96	1461472
		B035	Hexachlorocyclopentadiene	< 4300		ug/kg	12/16/96	1461472
		B036	Hexachloroethane	< 4300		ug/kg	12/16/96	1461472
		B037	Indeno (1,2,3-cd) pyrene	< 4300		ug/kg	12/16/96	1461472
		B038	Isophorone	< 4300		ug/kg	12/16/96	1461472
		B039	Naphthalene	< 4300		ug/kg	12/16/96	1461472
		B040	Nitrobenzene	< 4300		ug/kg	12/16/96	1461472
		B042	N-Nitroso-di-n-propylamine	< 4300		ug/kg	12/16/96	1461472
		B043	N-Nitrosodiphenylamine (1)	550	Jj	ug/kg	12/16/96	1461472
		B044	Phenanthrene	160	Jj	ug/kg	12/16/96	1461472
		B045	Pyrene	120	Jj	ug/kg	12/16/96	1461472
		B046	1,2,4-Trichlorobenzene	250	Jj	ug/kg	12/16/96	1461472
		B051	Benzyl Alcohol	< 4300		ug/kg	12/16/96	1461472
		B052	4-Chloroaniline	< 4300		ug/kg	12/16/96	1461472
		B053	Dibenzofuran	< 4300		ug/kg	12/16/96	1461472
		B054	2-Methylnaphthalene	< 4300		ug/kg	12/16/96	1461472
		B055	2-Nitroaniline	< 21000		ug/kg	12/16/96	1461472
		B056	3-Nitroaniline	< 21000		ug/kg	12/16/96	1461472
		B057	4-Nitroaniline	< 21000		ug/kg	12/16/96	1461472
		B058	bis(2-Chloroisopropyl)ether	< 4300		ug/kg	12/16/96	1461472
			Pesticides, PCB's, and Herbicides					
		P001	Aldrin	< 2.3		ug/kg	12/16/96	1461472
		P002	Alpha-BHC	< 2.3		ug/kg	12/16/96	1461472
		P003	Beta-BHC	< 2.3		ug/kg	12/16/96	1461472
		P004	Delta-BHC	< 2.3		ug/kg	12/16/96	1461472
		P005	Gamma-BHC (Lindane)	64	j	ug/kg	12/16/96	1461472
		P006	4,4'-DDT	40	j	ug/kg	12/16/96	1461472
		P007	4,4'-DDE	< 4.4		ug/kg	12/16/96	1461472
		P008	4,4'-DDD	8.4	j	ug/kg	12/16/96	1461472
		P009	Dieldrin	12		ug/kg	12/16/96	1461472

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Surface Soil Analytical Results
Supplemental Phase II Investigations
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Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
AREA8-4								
			Pesticides, PCB's, and Herbicides					
		P010	Endosulfan I	< 2.3		ug/kg	12/16/96	1461472
		P011	Endosulfan II	< 4.4		ug/kg	12/16/96	1461472
		P012	Endosulfan Sulfate	< 4.4	uj	ug/kg	12/16/96	1461472
		P013	Endrin	< 4.4		ug/kg	12/16/96	1461472
		P014	Endrin Aldehyde	< 4.4		ug/kg	12/16/96	1461472
		P015	Endrin Ketone	< 4.4	uj	ug/kg	12/16/96	1461472
		P016	Heptachlor	< 2.3		ug/kg	12/16/96	1461472
		P017	Heptachlor Epoxide	< 2.3		ug/kg	12/16/96	1461472
		P018	Methoxychlor	< 23	uj	ug/kg	12/16/96	1461472
		P020	Toxaphene	< 44		ug/kg	12/16/96	1461472
		P047	Alpha-Chlordane	< 2.3		ug/kg	12/16/96	1461472
		P048	Gamma-Chlordane	< 2.3	uj	ug/kg	12/16/96	1461472
			Metals					
		M008	Chromium	20		mg/kg	12/16/96	1461472
			Inorganic Non-metals					
		I009	Nitrogen, Ammonia	155		mg/kg	12/16/96	1461472
		I018	Sulfate as SO4	280		mg/kg	12/16/96	1461472
CPDA-1								
			Volatile Organics					
		V003	Benzene	< 7		ug/kg	12/16/96	1461460
		V005	Bromoform	< 7		ug/kg	12/16/96	1461460
		V006	Carbon Tetrachloride	< 7		ug/kg	12/16/96	1461460
		V007	Chlorobenzene	< 7		ug/kg	12/16/96	1461460
		V008	Dibromochloromethane	< 7		ug/kg	12/16/96	1[illegible]0
		V009	Bromodichloromethane	< 7		ug/kg	12/16/96	1[illegible]0
		V010	Chloroethane	< 14		ug/kg	12/16/96	14[illegible]60
		V012	Chloroform	< 7		ug/kg	12/16/96	1461460
		V015	1,1-Dichloroethane	< 7		ug/kg	12/16/96	1461460
		V016	1,2-Dichloroethane	< 7		ug/kg	12/16/96	1461460
		V017	1,1-Dichloroethene	< 7		ug/kg	12/16/96	1461460
		V018	1,2-Dichloropropane	< 7		ug/kg	12/16/96	1461460
		V019	cis-1,3-Dichloropropene	< 7		ug/kg	12/16/96	1461460
		V020	Trans-1,3-Dichloropropene	< 7		ug/kg	12/16/96	1461460
		V021	Ethylbenzene	< 7		ug/kg	12/16/96	1461460
		V022	Bromomethane(MethylBromide)	< 14		ug/kg	12/16/96	1461460
		V023	Chloromethane (Methyl Chloride)	< 14		ug/kg	12/16/96	1461460
		V024	Methylene Chloride	< 7		ug/kg	12/16/96	1461460
		V025	1,1,2,2-Tetrachloroethane	< 7		ug/kg	12/16/96	1461460
		V026	Tetrachloroethene (PCE)	< 7		ug/kg	12/16/96	1461460
		V027	Toluene	< 7		ug/kg	12/16/96	1461460
		V029	1,1,1-Trichloroethane	< 7		ug/kg	12/16/96	1461460
		V030	1,1,2-Trichloroethane	< 7		ug/kg	12/16/96	1461460
		V031	Trichloroethene (TCE)	< 7		ug/kg	12/16/96	1461460
		V033	Styrene	< 7		ug/kg	12/16/96	1461460
		V034	Vinyl Chloride	< 14		ug/kg	12/16/96	1461460
		V039	Xylenes, Total	< 7		ug/kg	12/16/96	1461460
		V040	Acetone	13	J	ug/kg	12/16/96	1461460
		V041	2-Butanone (MEK)	< 14		ug/kg	12/16/96	1461460
		V042	Carbon Disulfide	< 7		ug/kg	12/16/96	1461460
		V043	2-Hexanone	< 14		ug/kg	12/16/96	1461460
		V044	4-Methyl-2-Pentanone (MIBK)	< 14		ug/kg	12/16/96	1461460
		V045	Vinyl Acetate	< 14		ug/kg	12/16/96	1461460
		V075	1,2-Dichloroethene(total)	< 7		ug/kg	12/16/96	1461460
		V155	2,4,4-Trimethyl-1-pentene	< 7		ug/kg	12/16/96	1461460
		V253	2,4,4-Trimethyl-2-Pentene	< 7		ug/kg	12/16/96	1461460
			Acid Extractable Organics					
		A001	Benzoic Acid	< 3200		ug/kg	12/16/96	1461460
		A002	2-Chlorophenol	< 660		ug/kg	12/16/96	1461460

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TABLE 2-12
Surface Soil Analytical Results
Supplemental Phase II Investigations
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Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
CPDA-1								
			Acid Extractable Organics					
		A003	2,4-Dichlorophenol	< 660		ug/kg	12/16/96	1461460
		A004	2,4-Dimethylphenol	< 660		ug/kg	12/16/96	1461460
		A006	4,6-Dinitro-2-methylphenol	< 3200		ug/kg	12/16/96	1461460
		A007	2,4-Dinitrophenol	< 3200		ug/kg	12/16/96	1461460
		A008	2-Nitrophenol	< 660		ug/kg	12/16/96	1461460
		A009	4-Nitrophenol	< 3200		ug/kg	12/16/96	1461460
		A011	Pentachlorophenol	< 3200		ug/kg	12/16/96	1461460
		A012	Phenol	< 660		ug/kg	12/16/96	1461460
		A013	2,4,6-Trichlorophenol	< 660		ug/kg	12/16/96	1461460
		A014	2,4,5-Trichlorophenol	< 3200		ug/kg	12/16/96	1461460
		A015	2-Methylphenol (o-Cresol)	< 660		ug/kg	12/16/96	1461460
		A016	4-Methylphenol(p-Cresol)	< 660		ug/kg	12/16/96	1461460
		A020	4-Chloro-3-methylphenol	< 660		ug/kg	12/16/96	1461460
			Base/Neutral Organics					
		B001	Acenaphthene	< 660		ug/kg	12/16/96	1461460
		B002	Acenaphthylene	< 660		ug/kg	12/16/96	1461460
		B003	Anthracene	< 660		ug/kg	12/16/96	1461460
		B005	Benzo(a)anthracene	35	J	ug/kg	12/16/96	1461460
		B006	Benzo(a)Pyrene	42	J	ug/kg	12/16/96	1461460
		B007	Benzo(b)fluoranthene	51	J	ug/kg	12/16/96	1461460
		B008	Benzo(k)fluoranthene	55	J	ug/kg	12/16/96	1461460
		B010	Benzo(g,h,i)perylene	< 660		ug/kg	12/16/96	1461460
		B011	bis(2-Chloroethoxy)methane	< 660		ug/kg	12/16/96	1461460
		B012	bis(2-Chloroethyl)ether	< 660		ug/kg	12/16/96	1461460
		B013	bis(2-EthylHexyl)phthalate	850	B	ug/kg	12/16/96	1461460
		B014	4-Bromophenyl-phenylether	< 660		ug/kg	12/16/96	1461460
		B015	Butylbenzylphthalate	< 660		ug/kg	12/16/96	1461460
		B016	2-Chloronaphthalene	< 660		ug/kg	12/16/96	1461460
		B017	4-Chlorophenyl-phenylether	< 660		ug/kg	12/16/96	1461460
		B018	Chrysene	52	J	ug/kg	12/16/96	1461460
		B019	Dibenzo(a,h)anthracene	< 660		ug/kg	12/16/96	1461460
		B020	1,2-Dichlorobenzene	< 660		ug/kg	12/16/96	1461460
		B021	1,3-Dichlorobenzene	< 660		ug/kg	12/16/96	1461460
		B022	1,4-Dichlorobenzene	< 660		ug/kg	12/16/96	1461460
		B023	3,3'-Dichlorobenzidine	< 1300		ug/kg	12/16/96	1461460
		B024	Diethylphthalate	36	J	ug/kg	12/16/96	1461460
		B025	Dimethylphthalate	< 660		ug/kg	12/16/96	1461460
		B026	Di-n-butylphthalate	67	JB	ug/kg	12/16/96	1461460
		B027	2,4-Dinitrotoluene	< 660		ug/kg	12/16/96	1461460
		B028	2,6-Dinitrotoluene	< 660		ug/kg	12/16/96	1461460
		B029	Di-n-octylphthalate	< 660		ug/kg	12/16/96	1461460
		B031	Fluoranthene	100	J	ug/kg	12/16/96	1461460
		B032	Fluorene	< 660		ug/kg	12/16/96	1461460
		B033	Hexachlorobenzene	< 660		ug/kg	12/16/96	1461460
		B034	Hexachlorobutadiene	< 660		ug/kg	12/16/96	1461460
		B035	Hexachlorocyclopentadiene	< 660		ug/kg	12/16/96	1461460
		B036	Hexachloroethane	< 660		ug/kg	12/16/96	1461460
		B037	Indeno (1,2,3-cd) pyrene	< 660		ug/kg	12/16/96	1461460
		B038	Isophorone	< 660		ug/kg	12/16/96	1461460
		B039	Naphthalene	< 660		ug/kg	12/16/96	1461460
		B040	Nitrobenzene	< 660		ug/kg	12/16/96	1461460
		B042	N-Nitroso-di-n-propylamine	< 660		ug/kg	12/16/96	1461460
		B043	N-Nitrosodiphenylamine (1)	< 660		ug/kg	12/16/96	1461460
		B044	Phenanthrene	52	J	ug/kg	12/16/96	1461460
		B045	Pyrene	76	J	ug/kg	12/16/96	1461460
		B046	1,2,4-Trichlorobenzene	< 660		ug/kg	12/16/96	1461460
		B051	Benzyl Alcohol	< 660		ug/kg	12/16/96	1461460
		B052	4-Chloroaniline	< 660		ug/kg	12/16/96	1461460
		B053	Dibenzofuran	< 660		ug/kg	12/16/96	1461460

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Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
CPDA-1								
			Base/Neutral Organics					
		B054	2-Methylnaphthalene	< 660		ug/kg	12/16/96	1461460
		B055	2-Nitroaniline	< 3200		ug/kg	12/16/96	1461460
		B056	3-Nitroaniline	< 3200		ug/kg	12/16/96	1461460
		B057	4-Nitroaniline	< 3200		ug/kg	12/16/96	1461460
		B058	bis(2-Chloroisopropyl)ether	< 660		ug/kg	12/16/96	1461460
			Pesticides, PCB's, and Herbicides					
		P001	Aldrin	< 3.1		ug/kg	12/16/96	1461460
		P002	Alpha-BHC	< 3.1		ug/kg	12/16/96	1461460
		P003	Beta-BHC	< 3.1		ug/kg	12/16/96	1461460
		P004	Delta-BHC	< 3.1		ug/kg	12/16/96	1461460
		P005	Gamma-BHC (Lindane)	0.73	J	ug/kg	12/16/96	1461460
		P006	4,4'-DDT	< 6.0		ug/kg	12/16/96	1461460
		P007	4,4'-DDE	2.0	J	ug/kg	12/16/96	1461460
		P008	4,4'-DDD	1.6	J	ug/kg	12/16/96	1461460
		P009	Dieldrin	< 6.0		ug/kg	12/16/96	1461460
		P010	Endosulfan I	1.9	J	ug/kg	12/16/96	1461460
		P011	Endosulfan II	< 6.0		ug/kg	12/16/96	1461460
		P012	Endosulfan Sulfate	< 6.0		ug/kg	12/16/96	1461460
		P013	Endrin	< 6.0		ug/kg	12/16/96	1461460
		P014	Endrin Aldehyde	< 6.0		ug/kg	12/16/96	1461460
		P015	Endrin Ketone	< 6.0		ug/kg	12/16/96	1461460
		P016	Heptachlor	< 3.1		ug/kg	12/16/96	1461460
		P017	Heptachlor Epoxide	< 3.1		ug/kg	12/16/96	1461460
		P018	Methoxychlor	< 31		ug/kg	12/16/96	1461460
		P020	Toxaphene	< 60		ug/kg	12/16/96	1[illegible]0
		P047	Alpha-Chlordane	4.9		ug/kg	12/16/96	1[illegible]0
		P048	Gamma-Chlordane	< 3.1		ug/kg	12/16/96	14[illegible]60
			Metals					
		M008	Chromium	3010	*N	mg/kg	12/16/96	1461460
			Inorganic Non-metals					
		I009	Nitrogen, Ammonia	363		mg/kg	12/16/96	1461460
		I018	Sulfate as SO4	590		mg/kg	12/16/96	1461460
CPDA-2								
			Volatile Organics					
		V003	Benzene	< 11		ug/kg	12/16/96	1461461
		V005	Bromoform	< 11		ug/kg	12/16/96	1461461
		V006	Carbon Tetrachloride	< 11		ug/kg	12/16/96	1461461
		V007	Chlorobenzene	< 11		ug/kg	12/16/96	1461461
		V008	Dibromochloromethane	< 11		ug/kg	12/16/96	1461461
		V009	Bromodichloromethane	< 11		ug/kg	12/16/96	1461461
		V010	Chloroethane	< 22		ug/kg	12/16/96	1461461
		V012	Chloroform	< 11		ug/kg	12/16/96	1461461
		V015	1,1-Dichloroethane	< 11		ug/kg	12/16/96	1461461
		V016	1,2-Dichloroethane	< 11		ug/kg	12/16/96	1461461
		V017	1,1-Dichloroethene	< 11		ug/kg	12/16/96	1461461
		V018	1,2-Dichloropropane	< 11		ug/kg	12/16/96	1461461
		V019	cis-1,3-Dichloropropene	< 11		ug/kg	12/16/96	1461461
		V020	Trans-1,3-Dichloropropene	< 11		ug/kg	12/16/96	1461461
		V021	Ethylbenzene	< 11		ug/kg	12/16/96	1461461
		V022	Bromomethane(MethylBromide)	< 22		ug/kg	12/16/96	1461461
		V023	Chloromethane (Methyl Chloride)	< 22		ug/kg	12/16/96	1461461
		V024	Methylene Chloride	4	J	ug/kg	12/16/96	1461461
		V025	1,1,2,2-Tetrachloroethane	< 11		ug/kg	12/16/96	1461461
		V026	Tetrachloroethene (PCE)	< 11		ug/kg	12/16/96	1461461
		V027	Toluene	< 11		ug/kg	12/16/96	1461461
		V029	1,1,1-Trichloroethane	< 11		ug/kg	12/16/96	1461461
		V030	1,1,2-Trichloroethane	< 11		ug/kg	12/16/96	1461461
		V031	Trichloroethene (TCE)	< 11		ug/kg	12/16/96	1461461

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Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
CPDA-2								
			Volatile Organics					
		V033	Styrene	< 11		ug/kg	12/16/96	1461461
		V034	Vinyl Chloride	< 22		ug/kg	12/16/96	1461461
		V039	Xylenes, Total	< 11		ug/kg	12/16/96	1461461
		V040	Acetone	56		ug/kg	12/16/96	1461461
		V041	2-Butanone (MEK)	< 22		ug/kg	12/16/96	1461461
		V042	Carbon Disulfide	< 11		ug/kg	12/16/96	1461461
		V043	2-Hexanone	< 22		ug/kg	12/16/96	1461461
		V044	4-Methyl-2-Pentanone (MIBK)	< 22		ug/kg	12/16/96	1461461
		V045	Vinyl Acetate	< 22		ug/kg	12/16/96	1461461
		V075	1,2-Dichloroethene(total)	< 11		ug/kg	12/16/96	1461461
		V155	2,4,4-Trimethyl-1-pentene	< 11		ug/kg	12/16/96	1461461
		V253	2,4,4-Trimethyl-2-Pentene	< 11		ug/kg	12/16/96	1461461
			Acid Extractable Organics					
		A001	Benzoic Acid	200	J	ug/kg	12/16/96	1461461
		A002	2-Chlorophenol	< 630		ug/kg	12/16/96	1461461
		A003	2,4-Dichlorophenol	< 630		ug/kg	12/16/96	1461461
		A004	2,4-Dimethylphenol	< 630		ug/kg	12/16/96	1461461
		A006	4,6-Dinitro-2-methylphenol	< 3100		ug/kg	12/16/96	1461461
		A007	2,4-Dinitrophenol	< 3100		ug/kg	12/16/96	1461461
		A008	2-Nitrophenol	< 630		ug/kg	12/16/96	1461461
		A009	4-Nitrophenol	< 3100		ug/kg	12/16/96	1461461
		A011	Pentachlorophenol	< 3100		ug/kg	12/16/96	1461461
		A012	Phenol	< 630		ug/kg	12/16/96	1461461
		A013	2,4,6-Trichlorophenol	< 630		ug/kg	12/16/96	1461461
		A014	2,4,5-Trichlorophenol	< 3100		ug/kg	12/16/96	1461461
		A015	2-Methylphenol (o-Cresol)	< 630		ug/kg	12/16/96	1461461
		A016	4-Methylphenol(p-Cresol)	< 630		ug/kg	12/16/96	1461461
		A020	4-Chloro-3-methylphenol	< 630		ug/kg	12/16/96	1461461
			Base/Neutral Organics					
		B001	Acenaphthene	< 630		ug/kg	12/16/96	1461461
		B002	Acenaphthylene	< 630		ug/kg	12/16/96	1461461
		B003	Anthracene	< 630		ug/kg	12/16/96	1461461
		B005	Benzo(a)anthracene	< 630		ug/kg	12/16/96	1461461
		B006	Benzo(a)Pyrene	< 630		ug/kg	12/16/96	1461461
		B007	Benzo(b)fluoranthene	< 630		ug/kg	12/16/96	1461461
		B008	Benzo(k)fluoranthene	< 630		ug/kg	12/16/96	1461461
		B010	Benzo(g,h,i)perylene	< 630		ug/kg	12/16/96	1461461
		B011	bis(2-Chloroethoxy)methane	< 630		ug/kg	12/16/96	1461461
		B012	bis(2-Chloroethyl)ether	< 630		ug/kg	12/16/96	1461461
		B013	bis(2-EthylHexyl)phthalate	540	JB	ug/kg	12/16/96	1461461
		B014	4-Bromophenyl-phenylether	< 630		ug/kg	12/16/96	1461461
		B015	Butylbenzylphthalate	< 630		ug/kg	12/16/96	1461461
		B016	2-Chloronaphthalene	< 630		ug/kg	12/16/96	1461461
		B017	4-Chlorophenyl-phenylether	< 630		ug/kg	12/16/96	1461461
		B018	Chrysene	< 630		ug/kg	12/16/96	1461461
		B019	Dibenzo(a,h)anthracene	< 630		ug/kg	12/16/96	1461461
		B020	1,2-Dichlorobenzene	< 630		ug/kg	12/16/96	1461461
		B021	1,3-Dichlorobenzene	< 630		ug/kg	12/16/96	1461461
		B022	1,4-Dichlorobenzene	< 630		ug/kg	12/16/96	1461461
		B023	3,3'-Dichlorobenzidine	< 1300		ug/kg	12/16/96	1461461
		B024	Diethylphthalate	24	J	ug/kg	12/16/96	1461461
		B025	Dimethylphthalate	< 630		ug/kg	12/16/96	1461461
		B026	Di-n-butylphthalate	23	JB	ug/kg	12/16/96	1461461
		B027	2,4-Dinitrotoluene	< 630		ug/kg	12/16/96	1461461
		B028	2,6-Dinitrotoluene	< 630		ug/kg	12/16/96	1461461
		B029	Di-n-octylphthalate	< 630		ug/kg	12/16/96	1461461
		B031	Fluoranthene	< 630		ug/kg	12/16/96	1461461
		B032	Fluorene	< 630		ug/kg	12/16/96	1461461
		B033	Hexachlorobenzene	< 630		ug/kg	12/16/96	1461461

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Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
CPDA-2								
			Base/Neutral Organics					
		B034	Hexachlorobutadiene	< 630		ug/kg	12/16/96	1461461
		B035	Hexachlorocyclopentadiene	< 630		ug/kg	12/16/96	1461461
		B036	Hexachloroethane	< 630		ug/kg	12/16/96	1461461
		B037	Indeno (1,2,3-cd) pyrene	< 630		ug/kg	12/16/96	1461461
		B038	Isophorone	< 630		ug/kg	12/16/96	1461461
		B039	Naphthalene	< 630		ug/kg	12/16/96	1461461
		B040	Nitrobenzene	< 630		ug/kg	12/16/96	1461461
		B042	N-Nitroso-di-n-propylamine	< 630		ug/kg	12/16/96	1461461
		B043	N-Nitrosodiphenylamine (1)	< 630		ug/kg	12/16/96	1461461
		B044	Phenanthrene	< 630		ug/kg	12/16/96	1461461
		B045	Pyrene	< 630		ug/kg	12/16/96	1461461
		B046	1,2,4-Trichlorobenzene	< 630		ug/kg	12/16/96	1461461
		B051	Benzyl Alcohol	< 630		ug/kg	12/16/96	1461461
		B052	4-Chloroaniline	< 630		ug/kg	12/16/96	1461461
		B053	Dibenzofuran	< 630		ug/kg	12/16/96	1461461
		B054	2-Methylnaphthalene	< 630		ug/kg	12/16/96	1461461
		B055	2-Nitroaniline	< 3100		ug/kg	12/16/96	1461461
		B056	3-Nitroaniline	< 3100		ug/kg	12/16/96	1461461
		B057	4-Nitroaniline	< 3100		ug/kg	12/16/96	1461461
		B058	bis(2-Chloroisopropyl)ether	< 630		ug/kg	12/16/96	1461461
			Pesticides, PCB's, and Herbicides					
		P001	Aldrin	0.96	J	ug/kg	12/16/96	1461461
		P002	Alpha-BHC	< 3.3		ug/kg	12/16/96	1461461
		P003	Beta-BHC	< 3.3		ug/kg	12/16/96	1461461
		P004	Delta-BHC	< 3.3		ug/kg	12/16/96	[illegible]
		P005	Gamma-BHC (Lindane)	< 3.3		ug/kg	12/16/96	[illegible]
		P006	4,4'-DDT	< 6.3		ug/kg	12/16/96	[illegible]
		P007	4,4'-DDE	< 6.3		ug/kg	12/16/96	1461461
		P008	4,4'-DDD	< 6.3		ug/kg	12/16/96	1461461
		P009	Dieldrin	< 6.3		ug/kg	12/16/96	1461461
		P010	Endosulfan I	< 3.3		ug/kg	12/16/96	1461461
		P011	Endosulfan II	< 6.3		ug/kg	12/16/96	1461461
		P012	Endosulfan Sulfate	< 6.3		ug/kg	12/16/96	1461461
		P013	Endrin	< 6.3		ug/kg	12/16/96	1461461
		P014	Endrin Aldehyde	< 6.3		ug/kg	12/16/96	1461461
		P015	Endrin Ketone	< 6.3		ug/kg	12/16/96	1461461
		P016	Heptachlor	< 3.3		ug/kg	12/16/96	1461461
		P017	Heptachlor Epoxide	< 3.3		ug/kg	12/16/96	1461461
		P018	Methoxychlor	< 33		ug/kg	12/16/96	1461461
		P020	Toxaphene	< 63		ug/kg	12/16/96	1461461
		P047	Alpha-Chlordane	< 3.3		ug/kg	12/16/96	1461461
		P048	Gamma-Chlordane	< 3.3		ug/kg	12/16/96	1461461
			Metals					
		M008	Chromium	3.6	*N	mg/kg	12/16/96	1461461
			Inorganic Non-metals					
		I009	Nitrogen, Ammonia	126		mg/kg	12/16/96	1461461
		I018	Sulfate as SO4	26800		mg/kg	12/16/96	1461461
CPDA-3								
			Volatile Organics					
		V003	Benzene	< 7		ug/kg	12/16/96	1461462
		V005	Bromoform	< 7		ug/kg	12/16/96	1461462
		V006	Carbon Tetrachloride	< 7		ug/kg	12/16/96	1461462
		V007	Chlorobenzene	< 7		ug/kg	12/16/96	1461462
		V008	Dibromochloromethane	< 7		ug/kg	12/16/96	1461462
		V009	Bromodichloromethane	< 7		ug/kg	12/16/96	1461462
		V010	Chloroethane	< 13	uj	ug/kg	12/16/96	1461462
		V012	Chloroform	< 7		ug/kg	12/16/96	1461462
		V015	1,1-Dichloroethane	< 7		ug/kg	12/16/96	1461462

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TABLE 2-12
Surface Soil Analytical Results
Supplemental Phase II Investigations
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
CPDA-3								
			Volatile Organics					
		V016	1,2-Dichloroethane	< 7		ug/kg	12/16/96	1461462
		V017	1,1-Dichloroethene	< 7		ug/kg	12/16/96	1461462
		V018	1,2-Dichloropropane	< 7		ug/kg	12/16/96	1461462
		V019	cis-1,3-Dichloropropene	< 7		ug/kg	12/16/96	1461462
		V020	Trans-1,3-Dichloropropene	< 7		ug/kg	12/16/96	1461462
		V021	Ethylbenzene	< 7		ug/kg	12/16/96	1461462
		V022	Bromomethane(MethylBromide)	< 13		ug/kg	12/16/96	1461462
		V023	Chloromethane (Methyl Chloride)	< 13		ug/kg	12/16/96	1461462
		V024	Methylene Chloride	< 7		ug/kg	12/16/96	1461462
		V025	1,1,2,2-Tetrachloroethane	< 7		ug/kg	12/16/96	1461462
		V026	Tetrachloroethene (PCE)	< 7		ug/kg	12/16/96	1461462
		V027	Toluene	< 7		ug/kg	12/16/96	1461462
		V029	1,1,1-Trichloroethane	< 7		ug/kg	12/16/96	1461462
		V030	1,1,2-Trichloroethane	< 7		ug/kg	12/16/96	1461462
		V031	Trichloroethene (TCE)	< 7		ug/kg	12/16/96	1461462
		V033	Styrene	< 7		ug/kg	12/16/96	1461462
		V034	Vinyl Chloride	< 13		ug/kg	12/16/96	1461462
		V039	Xylenes, Total	< 7		ug/kg	12/16/96	1461462
		V040	Acetone	< 31	u	ug/kg	12/16/96	1461462
		V041	2-Butanone (MEK)	< 13		ug/kg	12/16/96	1461462
		V042	Carbon Disulfide	< 7		ug/kg	12/16/96	1461462
		V043	2-Hexanone	< 13	uj	ug/kg	12/16/96	1461462
		V044	4-Methyl-2-Pentanone (MIBK)	< 13		ug/kg	12/16/96	1461462
		V045	Vinyl Acetate	< 13		ug/kg	12/16/96	1461462
		V075	1,2-Dichloroethene(total)	< 7		ug/kg	12/16/96	1461462
		V155	2,4,4-Trimethyl-1-pentene	< 7	uj	ug/kg	12/16/96	1461462
		V253	2,4,4-Trimethyl-2-Pentene	< 7		ug/kg	12/16/96	1461462
			Acid Extractable Organics					
		A001	Benzoic Acid	< 4600		ug/kg	12/16/96	1461462
		A002	2-Chlorophenol	< 960		ug/kg	12/16/96	1461462
		A003	2,4-Dichlorophenol	< 960		ug/kg	12/16/96	1461462
		A004	2,4-Dimethylphenol	< 960		ug/kg	12/16/96	1461462
		A006	4,6-Dinitro-2-methylphenol	< 4600		ug/kg	12/16/96	1461462
		A007	2,4-Dinitrophenol	< 4600		ug/kg	12/16/96	1461462
		A008	2-Nitrophenol	< 960		ug/kg	12/16/96	1461462
		A009	4-Nitrophenol	< 4600		ug/kg	12/16/96	1461462
		A011	Pentachlorophenol	< 4600		ug/kg	12/16/96	1461462
		A012	Phenol	< 960		ug/kg	12/16/96	1461462
		A013	2,4,6-Trichlorophenol	< 960		ug/kg	12/16/96	1461462
		A014	2,4,5-Trichlorophenol	< 4600		ug/kg	12/16/96	1461462
		A015	2-Methylphenol (o-Cresol)	< 960		ug/kg	12/16/96	1461462
		A016	4-Methylphenol(p-Cresol)	< 960		ug/kg	12/16/96	1461462
		A020	4-Chloro-3-methylphenol	< 960		ug/kg	12/16/96	1461462
			Base/Neutral Organics					
		B001	Acenaphthene	< 960		ug/kg	12/16/96	1461462
		B002	Acenaphthylene	< 960		ug/kg	12/16/96	1461462
		B003	Anthracene	< 960		ug/kg	12/16/96	1461462
		B005	Benzo(a)anthracene	< 960		ug/kg	12/16/96	1461462
		B006	Benzo(a)Pyrene	< 960		ug/kg	12/16/96	1461462
		B007	Benzo(b)fluoranthene	< 960		ug/kg	12/16/96	1461462
		B008	Benzo(k)fluoranthene	< 960		ug/kg	12/16/96	1461462
		B010	Benzo(g,h,i)perylene	< 960		ug/kg	12/16/96	1461462
		B011	bis(2-Chloroethoxy)methane	< 960		ug/kg	12/16/96	1461462
		B012	bis(2-Chloroethyl)ether	< 960		ug/kg	12/16/96	1461462
		B013	bis(2-EthylHexyl)phthalate	5300		ug/kg	12/16/96	1461462
		B014	4-Bromophenyl-phenylether	< 960		ug/kg	12/16/96	1461462
		B015	Butylbenzylphthalate	< 960		ug/kg	12/16/96	1461462
		B016	2-Chloronaphthalene	< 960		ug/kg	12/16/96	1461462
		B017	4-Chlorophenyl-phenylether	< 960		ug/kg	12/16/96	1461462

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TABLE 2-12
Surface Soil Analytical Results
Supplemental Phase II Investigations
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
CPDA-3								
			Base/Neutral Organics					
		B018	Chrysene	< 960		ug/kg	12/16/96	1461462
		B019	Dibenzo(a,h)anthracene	< 960		ug/kg	12/16/96	1461462
		B020	1,2-Dichlorobenzene	< 960		ug/kg	12/16/96	1461462
		B021	1,3-Dichlorobenzene	< 960		ug/kg	12/16/96	1461462
		B022	1,4-Dichlorobenzene	< 960		ug/kg	12/16/96	1461462
		B023	3,3'-Dichlorobenzidine	< 1900		ug/kg	12/16/96	1461462
		B024	Diethylphthalate	< 960		ug/kg	12/16/96	1461462
		B025	Dimethylphthalate	< 960		ug/kg	12/16/96	1461462
		B026	Di-n-butylphthalate	< 960		ug/kg	12/16/96	1461462
		B027	2,4-Dinitrotoluene	< 960		ug/kg	12/16/96	1461462
		B028	2,6-Dinitrotoluene	< 960		ug/kg	12/16/96	1461462
		B029	Di-n-octylphthalate	< 960		ug/kg	12/16/96	1461462
		B031	Fluoranthene	< 960		ug/kg	12/16/96	1461462
		B032	Fluorene	< 960		ug/kg	12/16/96	1461462
		B033	Hexachlorobenzene	< 960		ug/kg	12/16/96	1461462
		B034	Hexachlorobutadiene	< 960		ug/kg	12/16/96	1461462
		B035	Hexachlorocyclopentadiene	< 960		ug/kg	12/16/96	1461462
		B036	Hexachloroethane	< 960		ug/kg	12/16/96	1461462
		B037	Indeno (1,2,3-cd) pyrene	< 960		ug/kg	12/16/96	1461462
		B038	Isophorone	< 960		ug/kg	12/16/96	1461462
		B039	Naphthalene	< 960		ug/kg	12/16/96	1461462
		B040	Nitrobenzene	< 960		ug/kg	12/16/96	1461462
		B042	N-Nitroso-di-n-propylamine	< 960		ug/kg	12/16/96	1461462
		B043	N-Nitrosodiphenylamine (1)	< 960		ug/kg	12/16/96	1461462
		B044	Phenanthrene	< 960		ug/kg	12/16/96	1[illegible]2
		B045	Pyrene	< 960		ug/kg	12/16/96	1[illegible]2
		B046	1,2,4-Trichlorobenzene	< 960		ug/kg	12/16/96	146[illegible]462
		B051	Benzyl Alcohol	< 960		ug/kg	12/16/96	1461462
		B052	4-Chloroaniline	< 960		ug/kg	12/16/96	1461462
		B053	Dibenzofuran	< 960		ug/kg	12/16/96	1461462
		B054	2-Methylnaphthalene	< 960		ug/kg	12/16/96	1461462
		B055	2-Nitroaniline	< 4600		ug/kg	12/16/96	1461462
		B056	3-Nitroaniline	< 4600		ug/kg	12/16/96	1461462
		B057	4-Nitroaniline	< 4600		ug/kg	12/16/96	1461462
		B058	bis(2-Chloroisopropyl)ether	< 960		ug/kg	12/16/96	1461462
			Pesticides, PCB's, and Herbicides					
		P001	Aldrin	< 3.5		ug/kg	12/16/96	1461462
		P002	Alpha-BHC	< 3.5		ug/kg	12/16/96	1461462
		P003	Beta-BHC	< 3.5		ug/kg	12/16/96	1461462
		P004	Delta-BHC	< 3.5		ug/kg	12/16/96	1461462
		P005	Gamma-BHC (Lindane)	6.1		ug/kg	12/16/96	1461462
		P006	4,4'-DDT	12	j	ug/kg	12/16/96	1461462
		P007	4,4'-DDE	2.6	Jj	ug/kg	12/16/96	1461462
		P008	4,4'-DDD	1.3	Jj	ug/kg	12/16/96	1461462
		P009	Dieldrin	< 6.9		ug/kg	12/16/96	1461462
		P010	Endosulfan I	< 3.5		ug/kg	12/16/96	1461462
		P011	Endosulfan II	< 6.9		ug/kg	12/16/96	1461462
		P012	Endosulfan Sulfate	< 6.9	uj	ug/kg	12/16/96	1461462
		P013	Endrin	< 6.9		ug/kg	12/16/96	1461462
		P014	Endrin Aldehyde	< 6.9		ug/kg	12/16/96	1461462
		P015	Endrin Ketone	3.1	Jj	ug/kg	12/16/96	1461462
		P016	Heptachlor	< 3.5		ug/kg	12/16/96	1461462
		P017	Heptachlor Epoxide	< 3.5		ug/kg	12/16/96	1461462
		P018	Methoxychlor	< 35	uj	ug/kg	12/16/96	1461462
		P020	Toxaphene	< 69		ug/kg	12/16/96	1461462
		P047	Alpha-Chlordane	< 3.5		ug/kg	12/16/96	1461462
		P048	Gamma-Chlordane	< 3.5	uj	ug/kg	12/16/96	1461462
			Metals					
		M008	Chromium	270		mg/kg	12/16/96	1461462

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TABLE 2-12
Surface Soil Analytical Results
Supplemental Phase II Investigations
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
CPDA-3								
			Inorganic Non-metals					
		I009	Nitrogen, Ammonia	153		mg/kg	12/16/96	1461462
		I018	Sulfate as SO4	650		mg/kg	12/16/96	1461462
CPDA-4								
			Volatile Organics					
		V003	Benzene	< 14		ug/kg	12/16/96	1461463
		V005	Bromoform	< 14		ug/kg	12/16/96	1461463
		V006	Carbon Tetrachloride	< 14		ug/kg	12/16/96	1461463
		V007	Chlorobenzene	< 14		ug/kg	12/16/96	1461463
		V008	Dibromochloromethane	< 14		ug/kg	12/16/96	1461463
		V009	Bromodichloromethane	< 14		ug/kg	12/16/96	1461463
		V010	Chloroethane	< 28	uj	ug/kg	12/16/96	1461463
		V012	Chloroform	< 14		ug/kg	12/16/96	1461463
		V015	1,1-Dichloroethane	< 14		ug/kg	12/16/96	1461463
		V016	1,2-Dichloroethane	< 14		ug/kg	12/16/96	1461463
		V017	1,1-Dichloroethene	< 14		ug/kg	12/16/96	1461463
		V018	1,2-Dichloropropane	< 14		ug/kg	12/16/96	1461463
		V019	cis-1,3-Dichloropropene	< 14		ug/kg	12/16/96	1461463
		V020	Trans-1,3-Dichloropropene	< 14		ug/kg	12/16/96	1461463
		V021	Ethylbenzene	< 14		ug/kg	12/16/96	1461463
		V022	Bromomethane(MethylBromide)	< 28		ug/kg	12/16/96	1461463
		V023	Chloromethane (Methyl Chloride)	< 28		ug/kg	12/16/96	1461463
		V024	Methylene Chloride	< 14		ug/kg	12/16/96	1461463
		V025	1,1,2,2-Tetrachloroethane	< 14		ug/kg	12/16/96	1461463
		V026	Tetrachloroethene (PCE)	< 14		ug/kg	12/16/96	1461463
		V027	Toluene	5	Jj	ug/kg	12/16/96	1461463
		V029	1,1,1-Trichloroethane	< 14		ug/kg	12/16/96	1461463
		V030	1,1,2-Trichloroethane	< 14		ug/kg	12/16/96	1461463
		V031	Trichloroethene (TCE)	< 14		ug/kg	12/16/96	1461463
		V033	Styrene	< 14		ug/kg	12/16/96	1461463
		V034	Vinyl Chloride	< 28		ug/kg	12/16/96	1461463
		V039	Xylenes, Total	< 14		ug/kg	12/16/96	1461463
		V040	Acetone	< 61	u	ug/kg	12/16/96	1461463
		V041	2-Butanone (MEK)	< 28		ug/kg	12/16/96	1461463
		V042	Carbon Disulfide	< 14		ug/kg	12/16/96	1461463
		V043	2-Hexanone	< 28	uj	ug/kg	12/16/96	1461463
		V044	4-Methyl-2-Pentanone (MIBK)	< 28		ug/kg	12/16/96	1461463
		V045	Vinyl Acetate	< 28		ug/kg	12/16/96	1461463
		V075	1,2-Dichloroethene(total)	< 14		ug/kg	12/16/96	1461463
		V155	2,4,4-Trimethyl-1-pentene	14	j	ug/kg	12/16/96	1461463
		V253	2,4,4-Trimethyl-2-Pentene	< 14		ug/kg	12/16/96	1461463
			Acid Extractable Organics					
		A001	Benzoic Acid	260	Jj	ug/kg	12/16/96	1461463
		A002	2-Chlorophenol	< 660		ug/kg	12/16/96	1461463
		A003	2,4-Dichlorophenol	< 660		ug/kg	12/16/96	1461463
		A004	2,4-Dimethylphenol	< 660		ug/kg	12/16/96	1461463
		A006	4,6-Dinitro-2-methylphenol	< 3200		ug/kg	12/16/96	1461463
		A007	2,4-Dinitrophenol	< 3200		ug/kg	12/16/96	1461463
		A008	2-Nitrophenol	< 660		ug/kg	12/16/96	1461463
		A009	4-Nitrophenol	< 3200		ug/kg	12/16/96	1461463
		A011	Pentachlorophenol	< 3200		ug/kg	12/16/96	1461463
		A012	Phenol	< 660		ug/kg	12/16/96	1461463
		A013	2,4,6-Trichlorophenol	< 660		ug/kg	12/16/96	1461463
		A014	2,4,5-Trichlorophenol	< 3200		ug/kg	12/16/96	1461463
		A015	2-Methylphenol (o-Cresol)	< 660		ug/kg	12/16/96	1461463
		A016	4-Methylphenol(p-Cresol)	< 660		ug/kg	12/16/96	1461463
		A020	4-Chloro-3-methylphenol	< 660		ug/kg	12/16/96	1461463
			Base/Neutral Organics					
		B001	Acenaphthene	< 660		ug/kg	12/16/96	1461463

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TABLE 2-12
Surface Soil Analytical Results
Supplemental Phase II Investigations
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
CPDA-4								
			Base/Neutral Organics					
		B002	Acenaphthylene	66	Jj	ug/kg	12/16/96	1461463
		B003	Anthracene	57	Jj	ug/kg	12/16/96	1461463
		B005	Benzo(a)anthracene	< 660		ug/kg	12/16/96	1461463
		B006	Benzo(a)Pyrene	< 660		ug/kg	12/16/96	1461463
		B007	Benzo(b)fluoranthene	< 660		ug/kg	12/16/96	1461463
		B008	Benzo(k)fluoranthene	< 660		ug/kg	12/16/96	1461463
		B010	Benzo(g,h,i)perylene	< 660		ug/kg	12/16/96	1461463
		B011	bis(2-Chloroethoxy)methane	< 660		ug/kg	12/16/96	1461463
		B012	bis(2-Chloroethyl)ether	< 660		ug/kg	12/16/96	1461463
		B013	bis(2-EthylHexyl)phthalate	1100		ug/kg	12/16/96	1461463
		B014	4-Bromophenyl-phenylether	< 660		ug/kg	12/16/96	1461463
		B015	Butylbenzylphthalate	< 660		ug/kg	12/16/96	1461463
		B016	2-Chloronaphthalene	< 660		ug/kg	12/16/96	1461463
		B017	4-Chlorophenyl-phenylether	< 660		ug/kg	12/16/96	1461463
		B018	Chrysene	< 660		ug/kg	12/16/96	1461463
		B019	Dibenzo(a,h)anthracene	< 660		ug/kg	12/16/96	1461463
		B020	1,2-Dichlorobenzene	< 660		ug/kg	12/16/96	1461463
		B021	1,3-Dichlorobenzene	< 660		ug/kg	12/16/96	1461463
		B022	1,4-Dichlorobenzene	< 660		ug/kg	12/16/96	1461463
		B023	3,3'-Dichlorobenzidine	< 1300		ug/kg	12/16/96	1461463
		B024	Diethylphthalate	< 660		ug/kg	12/16/96	1461463
		B025	Dimethylphthalate	< 660		ug/kg	12/16/96	1461463
		B026	Di-n-butylphthalate	< 660		ug/kg	12/16/96	1461463
		B027	2,4-Dinitrotoluene	< 660		ug/kg	12/16/96	1461463
		B028	2,6-Dinitrotoluene	< 660		ug/kg	12/16/96	1[illegible]3
		B029	Di-n-octylphthalate	< 660		ug/kg	12/16/96	1[illegible]3
		B031	Fluoranthene	98	Jj	ug/kg	12/16/96	14[illegible]463
		B032	Fluorene	< 660		ug/kg	12/16/96	1461463
		B033	Hexachlorobenzene	< 660		ug/kg	12/16/96	1461463
		B034	Hexachlorobutadiene	< 660		ug/kg	12/16/96	1461463
		B035	Hexachlorocyclopentadiene	< 660		ug/kg	12/16/96	1461463
		B036	Hexachloroethane	< 660		ug/kg	12/16/96	1461463
		B037	Indeno (1,2,3-cd) pyrene	< 660		ug/kg	12/16/96	1461463
		B038	Isophorone	< 660		ug/kg	12/16/96	1461463
		B039	Naphthalene	< 660		ug/kg	12/16/96	1461463
		B040	Nitrobenzene	< 660		ug/kg	12/16/96	1461463
		B042	N-Nitroso-di-n-propylamine	< 660		ug/kg	12/16/96	1461463
		B043	N-Nitrosodiphenylamine (1)	< 660		ug/kg	12/16/96	1461463
		B044	Phenanthrene	120	Jj	ug/kg	12/16/96	1461463
		B045	Pyrene	68	Jj	ug/kg	12/16/96	1461463
		B046	1,2,4-Trichlorobenzene	< 660		ug/kg	12/16/96	1461463
		B051	Benzyl Alcohol	< 660		ug/kg	12/16/96	1461463
		B052	4-Chloroaniline	< 660		ug/kg	12/16/96	1461463
		B053	Dibenzofuran	< 660		ug/kg	12/16/96	1461463
		B054	2-Methylnaphthalene	< 660		ug/kg	12/16/96	1461463
		B055	2-Nitroaniline	< 3200		ug/kg	12/16/96	1461463
		B056	3-Nitroaniline	< 3200		ug/kg	12/16/96	1461463
		B057	4-Nitroaniline	< 3200		ug/kg	12/16/96	1461463
		B058	bis(2-Chloroisopropyl)ether	< 660		ug/kg	12/16/96	1461463
			Pesticides, PCB's, and Herbicides					
		P001	Aldrin	0.11	Jj	ug/kg	12/16/96	1461463
		P002	Alpha-BHC	< 3.4		ug/kg	12/16/96	1461463
		P003	Beta-BHC	< 3.4		ug/kg	12/16/96	1461463
		P004	Delta-BHC	< 3.4		ug/kg	12/16/96	1461463
		P005	Gamma-BHC (Lindane)	< 3.4		ug/kg	12/16/96	1461463
		P006	4,4'-DDT	< 6.6	uj	ug/kg	12/16/96	1461463
		P007	4,4'-DDE	< 6.6		ug/kg	12/16/96	1461463
		P008	4,4'-DDD	< 6.6		ug/kg	12/16/96	1461463
		P009	Dieldrin	< 6.6		ug/kg	12/16/96	1461463

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TABLE 2-12
Surface Soil Analytical Results
Supplemental Phase II Investigations
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
CPDA-4								
			Pesticides, PCB's, and Herbicides					
		P010	Endosulfan I	< 3.4		ug/kg	12/16/96	1461463
		P011	Endosulfan II	< 6.6		ug/kg	12/16/96	1461463
		P012	Endosulfan Sulfate	< 6.6	uj	ug/kg	12/16/96	1461463
		P013	Endrin	< 6.6		ug/kg	12/16/96	1461463
		P014	Endrin Aldehyde	< 6.6		ug/kg	12/16/96	1461463
		P015	Endrin Ketone	< 6.6	uj	ug/kg	12/16/96	1461463
		P016	Heptachlor	0.40	Jj	ug/kg	12/16/96	1461463
		P017	Heptachlor Epoxide	< 3.4		ug/kg	12/16/96	1461463
		P018	Methoxychlor	< 34	uj	ug/kg	12/16/96	1461463
		P020	Toxaphene	< 66		ug/kg	12/16/96	1461463
		P047	Alpha-Chlordane	< 3.4		ug/kg	12/16/96	1461463
		P048	Gamma-Chlordane	< 3.4	uj	ug/kg	12/16/96	1461463
			Metals					
		M008	Chromium	17		mg/kg	12/16/96	1461463
			Inorganic Non-metals					
		I009	Nitrogen, Ammonia	161		mg/kg	12/16/96	1461463
		I018	Sulfate as SO4	24900		mg/kg	12/16/96	1461463
CPDA-5								
			Volatile Organics					
		V003	Benzene	< 7		ug/kg	12/16/96	1461464
		V005	Bromoform	< 7		ug/kg	12/16/96	1461464
		V006	Carbon Tetrachloride	< 7		ug/kg	12/16/96	1461464
		V007	Chlorobenzene	< 7		ug/kg	12/16/96	1461464
		V008	Dibromochloromethane	< 7		ug/kg	12/16/96	1461464
		V009	Bromodichloromethane	< 7		ug/kg	12/16/96	1461464
		V010	Chloroethane	< 13	uj	ug/kg	12/16/96	1461464
		V012	Chloroform	< 7		ug/kg	12/16/96	1461464
		V015	1,1-Dichloroethane	< 7		ug/kg	12/16/96	1461464
		V016	1,2-Dichloroethane	< 7		ug/kg	12/16/96	1461464
		V017	1,1-Dichloroethene	< 7		ug/kg	12/16/96	1461464
		V018	1,2-Dichloropropane	< 7		ug/kg	12/16/96	1461464
		V019	cis-1,3-Dichloropropene	< 7		ug/kg	12/16/96	1461464
		V020	Trans-1,3-Dichloropropene	< 7		ug/kg	12/16/96	1461464
		V021	Ethylbenzene	< 7		ug/kg	12/16/96	1461464
		V022	Bromomethane(MethylBromide)	< 13		ug/kg	12/16/96	1461464
		V023	Chloromethane (Methyl Chloride)	< 13		ug/kg	12/16/96	1461464
		V024	Methylene Chloride	< 7		ug/kg	12/16/96	1461464
		V025	1,1,2,2-Tetrachloroethane	< 7		ug/kg	12/16/96	1461464
		V026	Tetrachloroethene (PCE)	< 7		ug/kg	12/16/96	1461464
		V027	Toluene	< 7		ug/kg	12/16/96	1461464
		V029	1,1,1-Trichloroethane	< 7		ug/kg	12/16/96	1461464
		V030	1,1,2-Trichloroethane	< 7		ug/kg	12/16/96	1461464
		V031	Trichloroethene (TCE)	< 7		ug/kg	12/16/96	1461464
		V033	Styrene	< 7		ug/kg	12/16/96	1461464
		V034	Vinyl Chloride	< 13		ug/kg	12/16/96	1461464
		V039	Xylenes, Total	< 7		ug/kg	12/16/96	1461464
		V040	Acetone	< 6	Ju	ug/kg	12/16/96	1461464
		V041	2-Butanone (MEK)	< 13		ug/kg	12/16/96	1461464
		V042	Carbon Disulfide	< 7		ug/kg	12/16/96	1461464
		V043	2-Hexanone	< 13	uj	ug/kg	12/16/96	1461464
		V044	4-Methyl-2-Pentanone (MIBK)	< 13		ug/kg	12/16/96	1461464
		V045	Vinyl Acetate	< 13		ug/kg	12/16/96	1461464
		V075	1,2-Dichloroethene(total)	< 7		ug/kg	12/16/96	1461464
		V155	2,4,4-Trimethyl-1-pentene	< 7	uj	ug/kg	12/16/96	1461464
		V253	2,4,4-Trimethyl-2-Pentene	< 7		ug/kg	12/16/96	1461464
			Acid Extractable Organics					
		A001	Benzoic Acid	290	Jj	ug/kg	12/16/96	1461464
		A002	2-Chlorophenol	< 610		ug/kg	12/16/96	1461464

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TABLE 2-12
Surface Soil Analytical Results
Supplemental Phase II Investigations
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
CPDA-5								
			Acid Extractable Organics					
		A003	2,4-Dichlorophenol	< 610		ug/kg	12/16/96	1461464
		A004	2,4-Dimethylphenol	< 610		ug/kg	12/16/96	1461464
		A006	4,6-Dinitro-2-methylphenol	< 3000		ug/kg	12/16/96	1461464
		A007	2,4-Dinitrophenol	< 3000		ug/kg	12/16/96	1461464
		A008	2-Nitrophenol	< 610		ug/kg	12/16/96	1461464
		A009	4-Nitrophenol	< 3000		ug/kg	12/16/96	1461464
		A011	Pentachlorophenol	< 3000		ug/kg	12/16/96	1461464
		A012	Phenol	< 610		ug/kg	12/16/96	1461464
		A013	2,4,6-Trichlorophenol	< 610		ug/kg	12/16/96	1461464
		A014	2,4,5-Trichlorophenol	< 3000		ug/kg	12/16/96	1461464
		A015	2-Methylphenol (o-Cresol)	< 610		ug/kg	12/16/96	1461464
		A016	4-Methylphenol(p-Cresol)	< 610		ug/kg	12/16/96	1461464
		A020	4-Chloro-3-methylphenol	< 610		ug/kg	12/16/96	1461464
			Base/Neutral Organics					
		B001	Acenaphthene	< 610		ug/kg	12/16/96	1461464
		B002	Acenaphthylene	< 610		ug/kg	12/16/96	1461464
		B003	Anthracene	< 610		ug/kg	12/16/96	1461464
		B005	Benzo(a)anthracene	< 610		ug/kg	12/16/96	1461464
		B006	Benzo(a)Pyrene	< 610		ug/kg	12/16/96	1461464
		B007	Benzo(b)fluoranthene	< 610		ug/kg	12/16/96	1461464
		B008	Benzo(k)fluoranthene	< 610		ug/kg	12/16/96	1461464
		B010	Benzo(g,h,i)perylene	< 610		ug/kg	12/16/96	1461464
		B011	bis(2-Chloroethoxy)methane	< 610		ug/kg	12/16/96	1461464
		B012	bis(2-Chloroethyl)ether	< 610		ug/kg	12/16/96	1461464
		B013	bis(2-EthylHexyl)phthalate	220	Jj	ug/kg	12/16/96	[illegible]
		B014	4-Bromophenyl-phenylether	< 610		ug/kg	12/16/96	[illegible]
		B015	Butylbenzylphthalate	< 610		ug/kg	12/16/96	[illegible]
		B016	2-Chloronaphthalene	< 610		ug/kg	12/16/96	1461464
		B017	4-Chlorophenyl-phenylether	< 610		ug/kg	12/16/96	1461464
		B018	Chrysene	< 610		ug/kg	12/16/96	1461464
		B019	Dibenzo(a,h)anthracene	< 610		ug/kg	12/16/96	1461464
		B020	1,2-Dichlorobenzene	< 610		ug/kg	12/16/96	1461464
		B021	1,3-Dichlorobenzene	< 610		ug/kg	12/16/96	1461464
		B022	1,4-Dichlorobenzene	< 610		ug/kg	12/16/96	1461464
		B023	3,3'-Dichlorobenzidine	< 1200		ug/kg	12/16/96	1461464
		B024	Diethylphthalate	< 610		ug/kg	12/16/96	1461464
		B025	Dimethylphthalate	< 610		ug/kg	12/16/96	1461464
		B026	Di-n-butylphthalate	< 610		ug/kg	12/16/96	1461464
		B027	2,4-Dinitrotoluene	< 610		ug/kg	12/16/96	1461464
		B028	2,6-Dinitrotoluene	< 610		ug/kg	12/16/96	1461464
		B029	Di-n-octylphthalate	< 610		ug/kg	12/16/96	1461464
		B031	Fluoranthene	< 610		ug/kg	12/16/96	1461464
		B032	Fluorene	< 610		ug/kg	12/16/96	1461464
		B033	Hexachlorobenzene	< 610		ug/kg	12/16/96	1461464
		B034	Hexachlorobutadiene	< 610		ug/kg	12/16/96	1461464
		B035	Hexachlorocyclopentadiene	< 610		ug/kg	12/16/96	1461464
		B036	Hexachloroethane	< 610		ug/kg	12/16/96	1461464
		B037	Indeno (1,2,3-cd) pyrene	< 610		ug/kg	12/16/96	1461464
		B038	Isophorone	< 610		ug/kg	12/16/96	1461464
		B039	Naphthalene	< 610		ug/kg	12/16/96	1461464
		B040	Nitrobenzene	< 610		ug/kg	12/16/96	1461464
		B042	N-Nitroso-di-n-propylamine	< 610		ug/kg	12/16/96	1461464
		B043	N-Nitrosodiphenylamine (1)	< 610		ug/kg	12/16/96	1461464
		B044	Phenanthrene	< 610		ug/kg	12/16/96	1461464
		B045	Pyrene	< 610		ug/kg	12/16/96	1461464
		B046	1,2,4-Trichlorobenzene	< 610		ug/kg	12/16/96	1461464
		B051	Benzyl Alcohol	< 610		ug/kg	12/16/96	1461464
		B052	4-Chloroaniline	< 610		ug/kg	12/16/96	1461464
		B053	Dibenzofuran	< 610		ug/kg	12/16/96	1461464

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Surface Soil Analytical Results
Supplemental Phase II Investigations
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
CPDA-5								
			Base/Neutral Organics					
		B054	2-Methylnaphthalene	< 610		ug/kg	12/16/96	1461464
		B055	2-Nitroaniline	< 3000		ug/kg	12/16/96	1461464
		B056	3-Nitroaniline	< 3000		ug/kg	12/16/96	1461464
		B057	4-Nitroaniline	< 3000		ug/kg	12/16/96	1461464
		B058	bis(2-Chloroisopropyl)ether	< 610		ug/kg	12/16/96	1461464
			Pesticides, PCB's, and Herbicides					
		P001	Aldrin	< 3.2		ug/kg	12/16/96	1461464
		P002	Alpha-BHC	< 3.2		ug/kg	12/16/96	1461464
		P003	Beta-BHC	< 3.2		ug/kg	12/16/96	1461464
		P004	Delta-BHC	1.5	Jj	ug/kg	12/16/96	1461464
		P005	Gamma-BHC (Lindane)	< 3.2		ug/kg	12/16/96	1461464
		P006	4,4'-DDT	2.9	Jj	ug/kg	12/16/96	1461464
		P007	4,4'-DDE	1.2	Jj	ug/kg	12/16/96	1461464
		P008	4,4'-DDD	< 6.2		ug/kg	12/16/96	1461464
		P009	Dieldrin	2.0	Jj	ug/kg	12/16/96	1461464
		P010	Endosulfan I	< 3.2		ug/kg	12/16/96	1461464
		P011	Endosulfan II	< 6.2		ug/kg	12/16/96	1461464
		P012	Endosulfan Sulfate	< 6.2	uj	ug/kg	12/16/96	1461464
		P013	Endrin	< 6.2		ug/kg	12/16/96	1461464
		P014	Endrin Aldehyde	< 6.2		ug/kg	12/16/96	1461464
		P015	Endrin Ketone	< 6.2	uj	ug/kg	12/16/96	1461464
		P016	Heptachlor	< 3.2		ug/kg	12/16/96	1461464
		P017	Heptachlor Epoxide	< 3.2		ug/kg	12/16/96	1461464
		P018	Methoxychlor	< 32	uj	ug/kg	12/16/96	1461464
		P020	Toxaphene	< 62		ug/kg	12/16/96	1461464
		P047	Alpha-Chlordane	< 3.2		ug/kg	12/16/96	1461464
		P048	Gamma-Chlordane	< 3.2	uj	ug/kg	12/16/96	1461464
			Metals					
		M008	Chromium	210		mg/kg	12/16/96	1461464
			Inorganic Non-metals					
		1009	Nitrogen, Ammonia	343		mg/kg	12/16/96	1461464
		1018	Sulfate as SO4	680		mg/kg	12/16/96	1461464
CPDA-6								
			Volatile Organics					
		V003	Benzene	< 7		ug/kg	12/16/96	1461465
		V005	Bromoform	< 7		ug/kg	12/16/96	1461465
		V006	Carbon Tetrachloride	< 7		ug/kg	12/16/96	1461465
		V007	Chlorobenzene	< 7		ug/kg	12/16/96	1461465
		V008	Dibromochloromethane	< 7		ug/kg	12/16/96	1461465
		V009	Bromodichloromethane	< 7		ug/kg	12/16/96	1461465
		V010	Chloroethane	< 14	uj	ug/kg	12/16/96	1461465
		V012	Chloroform	< 7		ug/kg	12/16/96	1461465
		V015	1,1-Dichloroethane	< 7		ug/kg	12/16/96	1461465
		V016	1,2-Dichloroethane	< 7		ug/kg	12/16/96	1461465
		V017	1,1-Dichloroethene	< 7		ug/kg	12/16/96	1461465
		V018	1,2-Dichloropropane	< 7		ug/kg	12/16/96	1461465
		V019	cis-1,3-Dichloropropene	< 7		ug/kg	12/16/96	1461465
		V020	Trans-1,3-Dichloropropene	< 7		ug/kg	12/16/96	1461465
		V021	Ethylbenzene	< 7		ug/kg	12/16/96	1461465
		V022	Bromomethane(MethylBromide)	< 14		ug/kg	12/16/96	1461465
		V023	Chloromethane (Methyl Chloride)	< 14		ug/kg	12/16/96	1461465
		V024	Methylene Chloride	< 7		ug/kg	12/16/96	1461465
		V025	1,1,2,2-Tetrachloroethane	< 7		ug/kg	12/16/96	1461465
		V026	Tetrachloroethene (PCE)	< 7		ug/kg	12/16/96	1461465
		V027	Toluene	< 7		ug/kg	12/16/96	1461465
		V029	1,1,1-Trichloroethane	2	Jj	ug/kg	12/16/96	1461465
		V030	1,1,2-Trichloroethane	< 7		ug/kg	12/16/96	1461465
		V031	Trichloroethene (TCE)	< 7		ug/kg	12/16/96	1461465

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TABLE 2-12
Surface Soil Analytical Results
Supplemental Phase II Investigations
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
CPDA-6								
			Volatile Organics					
		V033	Styrene	< 7		ug/kg	12/16/96	1461465
		V034	Vinyl Chloride	< 14		ug/kg	12/16/96	1461465
		V039	Xylenes, Total	< 7		ug/kg	12/16/96	1461465
		V040	Acetone	< 11	Ju	ug/kg	12/16/96	1461465
		V041	2-Butanone (MEK)	< 14		ug/kg	12/16/96	1461465
		V042	Carbon Disulfide	< 7		ug/kg	12/16/96	1461465
		V043	2-Hexanone	< 14	uj	ug/kg	12/16/96	1461465
		V044	4-Methyl-2-Pentanone (MIBK)	< 14		ug/kg	12/16/96	1461465
		V045	Vinyl Acetate	< 14		ug/kg	12/16/96	1461465
		V075	1,2-Dichloroethene(total)	< 7		ug/kg	12/16/96	1461465
		V155	2,4,4-Trimethyl-1-pentene	< 7	uj	ug/kg	12/16/96	1461465
		V253	2,4,4-Trimethyl-2-Pentene	< 7		ug/kg	12/16/96	1461465
			Acid Extractable Organics					
		A001	Benzoic Acid	< 2000		ug/kg	12/16/96	1461465
		A002	2-Chlorophenol	< 420		ug/kg	12/16/96	1461465
		A003	2,4-Dichlorophenol	< 420		ug/kg	12/16/96	1461465
		A004	2,4-Dimethylphenol	< 420		ug/kg	12/16/96	1461465
		A006	4,6-Dinitro-2-methylphenol	< 2000		ug/kg	12/16/96	1461465
		A007	2,4-Dinitrophenol	< 2000		ug/kg	12/16/96	1461465
		A008	2-Nitrophenol	< 420		ug/kg	12/16/96	1461465
		A009	4-Nitrophenol	< 2000		ug/kg	12/16/96	1461465
		A011	Pentachlorophenol	< 2000		ug/kg	12/16/96	1461465
		A012	Phenol	< 420		ug/kg	12/16/96	1461465
		A013	2,4,6-Trichlorophenol	< 420		ug/kg	12/16/96	1461465
		A014	2,4,5-Trichlorophenol	< 2000		ug/kg	12/16/96	1[illegible]65
		A015	2-Methylphenol (o-Cresol)	< 420		ug/kg	12/16/96	[illegible]5
		A016	4-Methylphenol(p-Cresol)	< 420		ug/kg	12/16/96	1[illegible].65
		A020	4-Chloro-3-methylphenol	< 420		ug/kg	12/16/96	1461465
			Base/Neutral Organics					
		B001	Acenaphthene	< 420		ug/kg	12/16/96	1461465
		B002	Acenaphthylene	< 420		ug/kg	12/16/96	1461465
		B003	Anthracene	< 420		ug/kg	12/16/96	1461465
		B005	Benzo(a)anthracene	< 420		ug/kg	12/16/96	1461465
		B006	Benzo(a)Pyrene	< 420		ug/kg	12/16/96	1461465
		B007	Benzo(b)fluoranthene	< 420		ug/kg	12/16/96	1461465
		B008	Benzo(k)fluoranthene	< 420		ug/kg	12/16/96	1461465
		B010	Benzo(g,h,i)perylene	< 420		ug/kg	12/16/96	1461465
		B011	bis(2-Chloroethoxy)methane	< 420		ug/kg	12/16/96	1461465
		B012	bis(2-Chloroethyl)ether	< 420		ug/kg	12/16/96	1461465
		B013	bis(2-EthylHexyl)phthalate	130	Jj	ug/kg	12/16/96	1461465
		B014	4-Bromophenyl-phenylether	< 420		ug/kg	12/16/96	1461465
		B015	Butylbenzylphthalate	< 420		ug/kg	12/16/96	1461465
		B016	2-Chloronaphthalene	< 420		ug/kg	12/16/96	1461465
		B017	4-Chlorophenyl-phenylether	< 420		ug/kg	12/16/96	1461465
		B018	Chrysene	< 420		ug/kg	12/16/96	1461465
		B019	Dibenzo(a,h)anthracene	< 420		ug/kg	12/16/96	1461465
		B020	1,2-Dichlorobenzene	< 420		ug/kg	12/16/96	1461465
		B021	1,3-Dichlorobenzene	< 420		ug/kg	12/16/96	1461465
		B022	1,4-Dichlorobenzene	< 420		ug/kg	12/16/96	1461465
		B023	3,3'-Dichlorobenzidine	< 840		ug/kg	12/16/96	1461465
		B024	Diethylphthalate	< 420		ug/kg	12/16/96	1461465
		B025	Dimethylphthalate	< 420		ug/kg	12/16/96	1461465
		B026	Di-n-butylphthalate	< 37	JBu	ug/kg	12/16/96	1461465
		B027	2,4-Dinitrotoluene	< 420		ug/kg	12/16/96	1461465
		B028	2,6-Dinitrotoluene	< 420		ug/kg	12/16/96	1461465
		B029	Di-n-octylphthalate	< 420		ug/kg	12/16/96	1461465
		B031	Fluoranthene	< 420		ug/kg	12/16/96	1461465
		B032	Fluorene	< 420		ug/kg	12/16/96	1461465
		B033	Hexachlorobenzene	< 420		ug/kg	12/16/96	1461465

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TABLE 2-12
Surface Soil Analytical Results
Supplemental Phase II Investigations
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
CPDA-6								
			Base/Neutral Organics					
		B034	Hexachlorobutadiene	< 420		ug/kg	12/16/96	1461465
		B035	Hexachlorocyclopentadiene	< 420		ug/kg	12/16/96	1461465
		B036	Hexachloroethane	< 420		ug/kg	12/16/96	1461465
		B037	Indeno (1,2,3-cd) pyrene	< 420		ug/kg	12/16/96	1461465
		B038	Isophorone	< 420		ug/kg	12/16/96	1461465
		B039	Naphthalene	< 420		ug/kg	12/16/96	1461465
		B040	Nitrobenzene	< 420		ug/kg	12/16/96	1461465
		B042	N-Nitroso-di-n-propylamine	< 420		ug/kg	12/16/96	1461465
		B043	N-Nitrosodiphenylamine (1)	< 420		ug/kg	12/16/96	1461465
		B044	Phenanthrene	< 420		ug/kg	12/16/96	1461465
		B045	Pyrene	< 420		ug/kg	12/16/96	1461465
		B046	1,2,4-Trichlorobenzene	< 420		ug/kg	12/16/96	1461465
		B051	Benzyl Alcohol	< 420		ug/kg	12/16/96	1461465
		B052	4-Chloroaniline	< 420		ug/kg	12/16/96	1461465
		B053	Dibenzofuran	< 420		ug/kg	12/16/96	1461465
		B054	2-Methylnaphthalene	< 420		ug/kg	12/16/96	1461465
		B055	2-Nitroaniline	< 2000		ug/kg	12/16/96	1461465
		B056	3-Nitroaniline	< 2000		ug/kg	12/16/96	1461465
		B057	4-Nitroaniline	< 2000		ug/kg	12/16/96	1461465
		B058	bis(2-Chloroisopropyl)ether	< 420		ug/kg	12/16/96	1461465
			Pesticides, PCB's, and Herbicides					
		P001	Aldrin	< 2.1		ug/kg	12/16/96	1461465
		P002	Alpha-BHC	< 2.1		ug/kg	12/16/96	1461465
		P003	Beta-BHC	< 2.1		ug/kg	12/16/96	1461465
		P004	Delta-BHC	< 2.1		ug/kg	12/16/96	1461465
		P005	Gamma-BHC (Lindane)	1.4	Jj	ug/kg	12/16/96	1461465
		P006	4,4'-DDT	< 4.1	uj	ug/kg	12/16/96	1461465
		P007	4,4'-DDE	< 4.1		ug/kg	12/16/96	1461465
		P008	4,4'-DDD	< 4.1		ug/kg	12/16/96	1461465
		P009	Dieldrin	< 4.1		ug/kg	12/16/96	1461465
		P010	Endosulfan I	< 2.1		ug/kg	12/16/96	1461465
		P011	Endosulfan II	< 4.1		ug/kg	12/16/96	1461465
		P012	Endosulfan Sulfate	< 4.1	uj	ug/kg	12/16/96	1461465
		P013	Endrin	< 4.1		ug/kg	12/16/96	1461465
		P014	Endrin Aldehyde	< 4.1		ug/kg	12/16/96	1461465
		P015	Endrin Ketone	< 4.1	uj	ug/kg	12/16/96	1461465
		P016	Heptachlor	< 2.1		ug/kg	12/16/96	1461465
		P017	Heptachlor Epoxide	< 2.1		ug/kg	12/16/96	1461465
		P018	Methoxychlor	< 21	uj	ug/kg	12/16/96	1461465
		P020	Toxaphene	< 41		ug/kg	12/16/96	1461465
		P047	Alpha-Chlordane	< 2.1		ug/kg	12/16/96	1461465
		P048	Gamma-Chlordane	< 2.1	uj	ug/kg	12/16/96	1461465
			Metals					
		M008	Chromium	34		mg/kg	12/16/96	1461465
			Inorganic Non-metals					
		I009	Nitrogen, Ammonia	61.3		mg/kg	12/16/96	1461465
		I018	Sulfate as SO4	260		mg/kg	12/16/96	1461465
CPDA-7								
			Volatile Organics					
		V003	Benzene	< 13		ug/kg	12/16/96	1461466
		V005	Bromoform	< 13		ug/kg	12/16/96	1461466
		V006	Carbon Tetrachloride	< 13		ug/kg	12/16/96	1461466
		V007	Chlorobenzene	< 13		ug/kg	12/16/96	1461466
		V008	Dibromochloromethane	< 13		ug/kg	12/16/96	1461466
		V009	Bromodichloromethane	< 13		ug/kg	12/16/96	1461466
		V010	Chloroethane	< 26	uj	ug/kg	12/16/96	1461466
		V012	Chloroform	< 13		ug/kg	12/16/96	1461466
		V015	1,1-Dichloroethane	< 13		ug/kg	12/16/96	1461466

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Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
CPDA-7								
			Volatile Organics					
		V016	1,2-Dichloroethane	< 13		ug/kg	12/16/96	1461466
		V017	1,1-Dichloroethene	< 13		ug/kg	12/16/96	1461466
		V018	1,2-Dichloropropane	< 13		ug/kg	12/16/96	1461466
		V019	cis-1,3-Dichloropropene	< 13		ug/kg	12/16/96	1461466
		V020	Trans-1,3-Dichloropropene	< 13		ug/kg	12/16/96	1461466
		V021	Ethylbenzene	< 13		ug/kg	12/16/96	1461466
		V022	Bromomethane(MethylBromide)	< 26		ug/kg	12/16/96	1461466
		V023	Chloromethane (Methyl Chloride)	< 26		ug/kg	12/16/96	1461466
		V024	Methylene Chloride	< 13		ug/kg	12/16/96	1461466
		V025	1,1,2,2-Tetrachloroethane	< 13		ug/kg	12/16/96	1461466
		V026	Tetrachloroethene (PCE)	< 13		ug/kg	12/16/96	1461466
		V027	Toluene	< 13		ug/kg	12/16/96	1461466
		V029	1,1,1-Trichloroethane	< 13		ug/kg	12/16/96	1461466
		V030	1,1,2-Trichloroethane	< 13		ug/kg	12/16/96	1461466
		V031	Trichloroethene (TCE)	< 13		ug/kg	12/16/96	1461466
		V033	Styrene	< 13		ug/kg	12/16/96	1461466
		V034	Vinyl Chloride	< 26		ug/kg	12/16/96	1461466
		V039	Xylenes, Total	< 13		ug/kg	12/16/96	1461466
		V040	Acetone	< 61	u	ug/kg	12/16/96	1461466
		V041	2-Butanone (MEK)	< 26		ug/kg	12/16/96	1461466
		V042	Carbon Disulfide	< 13		ug/kg	12/16/96	1461466
		V043	2-Hexanone	< 26	uj	ug/kg	12/16/96	1461466
		V044	4-Methyl-2-Pentanone (MIBK)	< 26		ug/kg	12/16/96	1461466
		V045	Vinyl Acetate	< 26		ug/kg	12/16/96	1461466
		V075	1,2-Dichloroethene(total)	< 13		ug/kg	12/16/96	14[illegible]66
		V155	2,4,4-Trimethyl-1-pentene	< 13	uj	ug/kg	12/16/96	1[illegible]6
		V253	2,4,4-Trimethyl-2-Pentene	< 13		ug/kg	12/16/96	14[illegible]66
			Acid Extractable Organics					
		A001	Benzoic Acid	< 3400		ug/kg	12/16/96	1461466
		A002	2-Chlorophenol	< 700		ug/kg	12/16/96	1461466
		A003	2,4-Dichlorophenol	< 700		ug/kg	12/16/96	1461466
		A004	2,4-Dimethylphenol	< 700		ug/kg	12/16/96	1461466
		A006	4,6-Dinitro-2-methylphenol	< 3400		ug/kg	12/16/96	1461466
		A007	2,4-Dinitrophenol	< 3400		ug/kg	12/16/96	1461466
		A008	2-Nitrophenol	< 700		ug/kg	12/16/96	1461466
		A009	4-Nitrophenol	< 3400		ug/kg	12/16/96	1461466
		A011	Pentachlorophenol	< 3400		ug/kg	12/16/96	1461466
		A012	Phenol	< 700		ug/kg	12/16/96	1461466
		A013	2,4,6-Trichlorophenol	< 700		ug/kg	12/16/96	1461466
		A014	2,4,5-Trichlorophenol	< 3400		ug/kg	12/16/96	1461466
		A015	2-Methylphenol (o-Cresol)	< 700		ug/kg	12/16/96	1461466
		A016	4-Methylphenol(p-Cresol)	< 700		ug/kg	12/16/96	1461466
		A020	4-Chloro-3-methylphenol	< 700		ug/kg	12/16/96	1461466
			Base/Neutral Organics					
		B001	Acenaphthene	< 700		ug/kg	12/16/96	1461466
		B002	Acenaphthylene	< 700		ug/kg	12/16/96	1461466
		B003	Anthracene	< 700		ug/kg	12/16/96	1461466
		B005	Benzo(a)anthracene	< 700		ug/kg	12/16/96	1461466
		B006	Benzo(a)Pyrene	< 700		ug/kg	12/16/96	1461466
		B007	Benzo(b)fluoranthene	< 700		ug/kg	12/16/96	1461466
		B008	Benzo(k)fluoranthene	< 700		ug/kg	12/16/96	1461466
		B010	Benzo(g,h,i)perylene	< 700		ug/kg	12/16/96	1461466
		B011	bis(2-Chloroethoxy)methane	< 700		ug/kg	12/16/96	1461466
		B012	bis(2-Chloroethyl)ether	< 700		ug/kg	12/16/96	1461466
		B013	bis(2-EthylHexyl)phthalate	540	Jj	ug/kg	12/16/96	1461466
		B014	4-Bromophenyl-phenylether	< 700		ug/kg	12/16/96	1461466
		B015	Butylbenzylphthalate	< 700		ug/kg	12/16/96	1461466
		B016	2-Chloronaphthalene	< 700		ug/kg	12/16/96	1461466
		B017	4-Chlorophenyl-phenylether	< 700		ug/kg	12/16/96	1461466

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Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
CPDA-7								
			Base/Neutral Organics					
		B018	Chrysene	< 700		ug/kg	12/16/96	1461466
		B019	Dibenzo(a,h)anthracene	< 700		ug/kg	12/16/96	1461466
		B020	1,2-Dichlorobenzene	< 700		ug/kg	12/16/96	1461466
		B021	1,3-Dichlorobenzene	< 700		ug/kg	12/16/96	1461466
		B022	1,4-Dichlorobenzene	< 700		ug/kg	12/16/96	1461466
		B023	3,3'-Dichlorobenzidine	< 1400		ug/kg	12/16/96	1461466
		B024	Diethylphthalate	< 700		ug/kg	12/16/96	1461466
		B025	Dimethylphthalate	< 700		ug/kg	12/16/96	1461466
		B026	Di-n-butylphthalate	< 700		ug/kg	12/16/96	1461466
		B027	2,4-Dinitrotoluene	< 700		ug/kg	12/16/96	1461466
		B028	2,6-Dinitrotoluene	< 700		ug/kg	12/16/96	1461466
		B029	Di-n-octylphthalate	< 700		ug/kg	12/16/96	1461466
		B031	Fluoranthene	< 700		ug/kg	12/16/96	1461466
		B032	Fluorene	< 700		ug/kg	12/16/96	1461466
		B033	Hexachlorobenzene	< 700		ug/kg	12/16/96	1461466
		B034	Hexachlorobutadiene	< 700		ug/kg	12/16/96	1461466
		B035	Hexachlorocyclopentadiene	< 700		ug/kg	12/16/96	1461466
		B036	Hexachloroethane	< 700		ug/kg	12/16/96	1461466
		B037	Indeno (1,2,3-cd) pyrene	< 700		ug/kg	12/16/96	1461466
		B038	Isophorone	< 700		ug/kg	12/16/96	1461466
		B039	Naphthalene	< 700		ug/kg	12/16/96	1461466
		B040	Nitrobenzene	< 700		ug/kg	12/16/96	1461466
		B042	N-Nitroso-di-n-propylamine	< 700		ug/kg	12/16/96	1461466
		B043	N-Nitrosodiphenylamine (1)	< 700		ug/kg	12/16/96	1461466
		B044	Phenanthrene	< 700		ug/kg	12/16/96	1461466
		B045	Pyrene	< 700		ug/kg	12/16/96	1461466
		B046	1,2,4-Trichlorobenzene	< 700		ug/kg	12/16/96	1461466
		B051	Benzyl Alcohol	< 700		ug/kg	12/16/96	1461466
		B052	4-Chloroaniline	< 700		ug/kg	12/16/96	1461466
		B053	Dibenzofuran	< 700		ug/kg	12/16/96	1461466
		B054	2-Methylnaphthalene	< 700		ug/kg	12/16/96	1461466
		B055	2-Nitroaniline	< 3400		ug/kg	12/16/96	1461466
		B056	3-Nitroaniline	< 3400		ug/kg	12/16/96	1461466
		B057	4-Nitroaniline	< 3400		ug/kg	12/16/96	1461466
		B058	bis(2-Chloroisopropyl)ether	< 700		ug/kg	12/16/96	1461466
			Pesticides, PCB's, and Herbicides					
		P001	Aldrin	< 3.4		ug/kg	12/16/96	1461466
		P002	Alpha-BHC	< 3.4		ug/kg	12/16/96	1461466
		P003	Beta-BHC	< 3.4		ug/kg	12/16/96	1461466
		P004	Delta-BHC	< 3.4		ug/kg	12/16/96	1461466
		P005	Gamma-BHC (Lindane)	< 3.4		ug/kg	12/16/96	1461466
		P006	4,4'-DDT	< 6.6	uj	ug/kg	12/16/96	1461466
		P007	4,4'-DDE	< 6.6		ug/kg	12/16/96	1461466
		P008	4,4'-DDD	< 6.6		ug/kg	12/16/96	1461466
		P009	Dieldrin	< 6.6		ug/kg	12/16/96	1461466
		P010	Endosulfan I	< 3.4		ug/kg	12/16/96	1461466
		P011	Endosulfan II	< 6.6		ug/kg	12/16/96	1461466
		P012	Endosulfan Sulfate	< 6.6	uj	ug/kg	12/16/96	1461466
		P013	Endrin	< 6.6		ug/kg	12/16/96	1461466
		P014	Endrin Aldehyde	< 6.6		ug/kg	12/16/96	1461466
		P015	Endrin Ketone	< 6.6	uj	ug/kg	12/16/96	1461466
		P016	Heptachlor	0.34	Jj	ug/kg	12/16/96	1461466
		P017	Heptachlor Epoxide	< 3.4		ug/kg	12/16/96	1461466
		P018	Methoxychlor	< 34	uj	ug/kg	12/16/96	1461466
		P020	Toxaphene	< 66		ug/kg	12/16/96	1461466
		P047	Alpha-Chlordane	< 3.4		ug/kg	12/16/96	1461466
		P048	Gamma-Chlordane	< 3.4	uj	ug/kg	12/16/96	1461466
			Metals					
		M008	Chromium	23		mg/kg	12/16/96	1461466

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TABLE 2-12
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Supplemental Phase II Investigations
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Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
CPDA-7								
			Inorganic Non-metals					
		I009	Nitrogen, Ammonia	202		mg/kg	12/16/96	1461466
		I018	Sulfate as SO4	24800		mg/kg	12/16/96	1461466
CPDA-8								
			Volatile Organics					
		V003	Benzene	< 7		ug/kg	12/16/96	1461467
		V005	Bromoform	< 7		ug/kg	12/16/96	1461467
		V006	Carbon Tetrachloride	< 7		ug/kg	12/16/96	1461467
		V007	Chlorobenzene	< 7		ug/kg	12/16/96	1461467
		V008	Dibromochloromethane	< 7		ug/kg	12/16/96	1461467
		V009	Bromodichloromethane	< 7		ug/kg	12/16/96	1461467
		V010	Chloroethane	< 14	uj	ug/kg	12/16/96	1461467
		V012	Chloroform	< 7		ug/kg	12/16/96	1461467
		V015	1,1-Dichloroethane	< 7		ug/kg	12/16/96	1461467
		V016	1,2-Dichloroethane	< 7		ug/kg	12/16/96	1461467
		V017	1,1-Dichloroethene	< 7		ug/kg	12/16/96	1461467
		V018	1,2-Dichloropropane	< 7		ug/kg	12/16/96	1461467
		V019	cis-1,3-Dichloropropene	< 7		ug/kg	12/16/96	1461467
		V020	Trans-1,3-Dichloropropene	< 7		ug/kg	12/16/96	1461467
		V021	Ethylbenzene	< 7		ug/kg	12/16/96	1461467
		V022	Bromomethane(MethylBromide)	< 14		ug/kg	12/16/96	1461467
		V023	Chloromethane (Methyl Chloride)	< 14		ug/kg	12/16/96	1461467
		V024	Methylene Chloride	< 7		ug/kg	12/16/96	1461467
		V025	1,1,2,2-Tetrachloroethane	< 7		ug/kg	12/16/96	1461467
		V026	Tetrachloroethene (PCE)	< 7		ug/kg	12/16/96	1[illegible]7
		V027	Toluene	< 7		ug/kg	12/16/96	1[illegible]7
		V029	1,1,1-Trichloroethane	< 7		ug/kg	12/16/96	146[illegible]67
		V030	1,1,2-Trichloroethane	< 7		ug/kg	12/16/96	1461467
		V031	Trichloroethene (TCE)	< 7		ug/kg	12/16/96	1461467
		V033	Styrene	< 7		ug/kg	12/16/96	1461467
		V034	Vinyl Chloride	< 14		ug/kg	12/16/96	1461467
		V039	Xylenes, Total	< 7		ug/kg	12/16/96	1461467
		V040	Acetone	< 7	Ju	ug/kg	12/16/96	1461467
		V041	2-Butanone (MEK)	< 14		ug/kg	12/16/96	1461467
		V042	Carbon Disulfide	< 7		ug/kg	12/16/96	1461467
		V043	2-Hexanone	< 14	uj	ug/kg	12/16/96	1461467
		V044	4-Methyl-2-Pentanone (MIBK)	< 14		ug/kg	12/16/96	1461467
		V045	Vinyl Acetate	< 14		ug/kg	12/16/96	1461467
		V075	1,2-Dichloroethene(total)	< 7		ug/kg	12/16/96	1461467
		V155	2,4,4-Trimethyl-1-pentene	< 7	uj	ug/kg	12/16/96	1461467
		V253	2,4,4-Trimethyl-2-Pentene	< 7		ug/kg	12/16/96	1461467
			Acid Extractable Organics					
		A001	Benzoic Acid	< 2000		ug/kg	12/16/96	1461467
		A002	2-Chlorophenol	< 420		ug/kg	12/16/96	1461467
		A003	2,4-Dichlorophenol	< 420		ug/kg	12/16/96	1461467
		A004	2,4-Dimethylphenol	< 420		ug/kg	12/16/96	1461467
		A006	4,6-Dinitro-2-methylphenol	< 2000		ug/kg	12/16/96	1461467
		A007	2,4-Dinitrophenol	< 2000		ug/kg	12/16/96	1461467
		A008	2-Nitrophenol	< 420		ug/kg	12/16/96	1461467
		A009	4-Nitrophenol	< 2000		ug/kg	12/16/96	1461467
		A011	Pentachlorophenol	< 2000		ug/kg	12/16/96	1461467
		A012	Phenol	< 420		ug/kg	12/16/96	1461467
		A013	2,4,6-Trichlorophenol	< 420		ug/kg	12/16/96	1461467
		A014	2,4,5-Trichlorophenol	< 2000		ug/kg	12/16/96	1461467
		A015	2-Methylphenol (o-Cresol)	< 420		ug/kg	12/16/96	1461467
		A016	4-Methylphenol(p-Cresol)	< 420		ug/kg	12/16/96	1461467
		A020	4-Chloro-3-methylphenol	< 420		ug/kg	12/16/96	1461467
			Base/Neutral Organics					
		B001	Acenaphthene	< 420		ug/kg	12/16/96	1461467

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Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
CPDA-8								
			Base/Neutral Organics					
		B002	Acenaphthylene	< 420		ug/kg	12/16/96	1461467
		B003	Anthracene	< 420		ug/kg	12/16/96	1461467
		B005	Benzo(a)anthracene	< 420		ug/kg	12/16/96	1461467
		B006	Benzo(a)Pyrene	< 420		ug/kg	12/16/96	1461467
		B007	Benzo(b)fluoranthene	< 420		ug/kg	12/16/96	1461467
		B008	Benzo(k)fluoranthene	< 420		ug/kg	12/16/96	1461467
		B010	Benzo(g,h,i)perylene	< 420		ug/kg	12/16/96	1461467
		B011	bis(2-Chloroethoxy)methane	< 420		ug/kg	12/16/96	1461467
		B012	bis(2-Chloroethyl)ether	< 420		ug/kg	12/16/96	1461467
		B013	bis(2-EthylHexyl)phthalate	720		ug/kg	12/16/96	1461467
		B014	4-Bromophenyl-phenylether	< 420		ug/kg	12/16/96	1461467
		B015	Butylbenzylphthalate	< 420		ug/kg	12/16/96	1461467
		B016	2-Chloronaphthalene	< 420		ug/kg	12/16/96	1461467
		B017	4-Chlorophenyl-phenylether	< 420		ug/kg	12/16/96	1461467
		B018	Chrysene	< 420		ug/kg	12/16/96	1461467
		B019	Dibenzo(a,h)anthracene	< 420		ug/kg	12/16/96	1461467
		B020	1,2-Dichlorobenzene	< 420		ug/kg	12/16/96	1461467
		B021	1,3-Dichlorobenzene	< 420		ug/kg	12/16/96	1461467
		B022	1,4-Dichlorobenzene	< 420		ug/kg	12/16/96	1461467
		B023	3,3'-Dichlorobenzidine	< 840		ug/kg	12/16/96	1461467
		B024	Diethylphthalate	< 420		ug/kg	12/16/96	1461467
		B025	Dimethylphthalate	< 420		ug/kg	12/16/96	1461467
		B026	Di-n-butylphthalate	< 44	JBu	ug/kg	12/16/96	1461467
		B027	2,4-Dinitrotoluene	< 420		ug/kg	12/16/96	1461467
		B028	2,6-Dinitrotoluene	< 420		ug/kg	12/16/96	1461467
		B029	Di-n-octylphthalate	< 420		ug/kg	12/16/96	1461467
		B031	Fluoranthene	< 420		ug/kg	12/16/96	1461467
		B032	Fluorene	< 420		ug/kg	12/16/96	1461467
		B033	Hexachlorobenzene	< 420		ug/kg	12/16/96	1461467
		B034	Hexachlorobutadiene	< 420		ug/kg	12/16/96	1461467
		B035	Hexachlorocyclopentadiene	< 420		ug/kg	12/16/96	1461467
		B036	Hexachloroethane	< 420		ug/kg	12/16/96	1461467
		B037	Indeno (1,2,3-cd) pyrene	< 420		ug/kg	12/16/96	1461467
		B038	Isophorone	< 420		ug/kg	12/16/96	1461467
		B039	Naphthalene	< 420		ug/kg	12/16/96	1461467
		B040	Nitrobenzene	< 420		ug/kg	12/16/96	1461467
		B042	N-Nitroso-di-n-propylamine	< 420		ug/kg	12/16/96	1461467
		B043	N-Nitrosodiphenylamine (1)	< 420		ug/kg	12/16/96	1461467
		B044	Phenanthrene	< 420		ug/kg	12/16/96	1461467
		B045	Pyrene	< 420		ug/kg	12/16/96	1461467
		B046	1,2,4-Trichlorobenzene	< 420		ug/kg	12/16/96	1461467
		B051	Benzyl Alcohol	< 420		ug/kg	12/16/96	1461467
		B052	4-Chloroaniline	< 420		ug/kg	12/16/96	1461467
		B053	Dibenzofuran	< 420		ug/kg	12/16/96	1461467
		B054	2-Methylnaphthalene	< 420		ug/kg	12/16/96	1461467
		B055	2-Nitroaniline	< 2000		ug/kg	12/16/96	1461467
		B056	3-Nitroaniline	< 2000		ug/kg	12/16/96	1461467
		B057	4-Nitroaniline	< 2000		ug/kg	12/16/96	1461467
		B058	bis(2-Chloroisopropyl)ether	< 420		ug/kg	12/16/96	1461467
			Pesticides, PCB's, and Herbicides					
		P001	Aldrin	< 2.2		ug/kg	12/16/96	1461467
		P002	Alpha-BHC	< 2.2		ug/kg	12/16/96	1461467
		P003	Beta-BHC	< 2.2		ug/kg	12/16/96	1461467
		P004	Delta-BHC	< 2.2		ug/kg	12/16/96	1461467
		P005	Gamma-BHC (Lindane)	6.1	j	ug/kg	12/16/96	1461467
		P006	4,4'-DDT	4.9	j	ug/kg	12/16/96	1461467
		P007	4,4'-DDE	< 4.2		ug/kg	12/16/96	1461467
		P008	4,4'-DDD	< 4.2		ug/kg	12/16/96	1461467
		P009	Dieldrin	< 4.2		ug/kg	12/16/96	1461467

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TABLE 2-12
Surface Soil Analytical Results
Supplemental Phase II Investigations
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
CPDA-8								
			Pesticides, PCB's, and Herbicides					
		P010	Endosulfan I	< 2.2		ug/kg	12/16/96	1461467
		P011	Endosulfan II	< 4.2		ug/kg	12/16/96	1461467
		P012	Endosulfan Sulfate	< 4.2	uj	ug/kg	12/16/96	1461467
		P013	Endrin	< 4.2		ug/kg	12/16/96	1461467
		P014	Endrin Aldehyde	< 4.2		ug/kg	12/16/96	1461467
		P015	Endrin Ketone	< 4.2	uj	ug/kg	12/16/96	1461467
		P016	Heptachlor	< 2.2		ug/kg	12/16/96	1461467
		P017	Heptachlor Epoxide	< 2.2		ug/kg	12/16/96	1461467
		P018	Methoxychlor	< 22	uj	ug/kg	12/16/96	1461467
		P020	Toxaphene	< 42		ug/kg	12/16/96	1461467
		P047	Alpha-Chlordane	< 2.2		ug/kg	12/16/96	1461467
		P048	Gamma-Chlordane	< 2.2	uj	ug/kg	12/16/96	1461467
			Metals					
		M001	Aluminum	2100		mg/kg	12/16/96	1461467
		M002	Antimony	< 1.1		mg/kg	12/16/96	1461467
		M003	Arsenic	< 0.90		mg/kg	12/16/96	1461467
		M004	Barium	4.6	B[]	mg/kg	12/16/96	1461467
		M005	Beryllium	< 0.18		mg/kg	12/16/96	1461467
		M006	Cadmium	< 0.18		mg/kg	12/16/96	1461467
		M007	Calcium	21000	E	mg/kg	12/16/96	1461467
		M008	Chromium	47		mg/kg	12/16/96	1461467
		M009	Cobalt	0.42	B[]	mg/kg	12/16/96	1461467
		M010	Copper	1.6	B[]	mg/kg	12/16/96	1461467
		M011	Iron	1200		mg/kg	12/16/96	1461467
		M012	Lead	4.8		mg/kg	12/16/96	[illegible]
		M013	Magnesium	290	B[]	mg/kg	12/16/96	[illegible]
		M014	Manganese	7.8		mg/kg	12/16/96	[illegible]
		M015	Mercury	< 0.11	N	mg/kg	12/16/96	1461467
		M016	Nickel	1.5	B[]	mg/kg	12/16/96	1461467
		M017	Potassium	80	B[]	mg/kg	12/16/96	1461467
		M018	Selenium	< 0.90	N	mg/kg	12/16/96	1461467
		M019	Silver	< 0.18	r	mg/kg	12/16/96	1461467
		M020	Sodium	82	B[]	mg/kg	12/16/96	1461467
		M021	Thallium	< 1.4	Nuj	mg/kg	12/16/96	1461467
		M023	Vanadium	5.3	B[]	mg/kg	12/16/96	1461467
		M024	Zinc	6.0		mg/kg	12/16/96	1461467
			Inorganic Non-metals					
		I009	Nitrogen, Ammonia	77.7		mg/kg	12/16/96	1461467
		I018	Sulfate as SO4	23900		mg/kg	12/16/96	1461467
CPDA-9								
			Volatile Organics					
		V003	Benzene	< 6		ug/kg	12/16/96	1461468
	DUP OF 1461468	V003	Benzene	< 6		ug/kg	12/16/96	1461495
		V005	Bromoform	< 6		ug/kg	12/16/96	1461468
	DUP OF 1461468	V005	Bromoform	< 6		ug/kg	12/16/96	1461495
		V006	Carbon Tetrachloride	< 6		ug/kg	12/16/96	1461468
	DUP OF 1461468	V006	Carbon Tetrachloride	< 6		ug/kg	12/16/96	1461495
		V007	Chlorobenzene	< 6		ug/kg	12/16/96	1461468
	DUP OF 1461468	V007	Chlorobenzene	< 6		ug/kg	12/16/96	1461495
		V008	Dibromochloromethane	< 6		ug/kg	12/16/96	1461468
	DUP OF 1461468	V008	Dibromochloromethane	< 6		ug/kg	12/16/96	1461495
		V009	Bromodichloromethane	< 6		ug/kg	12/16/96	1461468
	DUP OF 1461468	V009	Bromodichloromethane	< 6		ug/kg	12/16/96	1461495
		V010	Chloroethane	< 12	uj	ug/kg	12/16/96	1461468
	DUP OF 1461468	V010	Chloroethane	< 12		ug/kg	12/16/96	1461495
		V012	Chloroform	< 6		ug/kg	12/16/96	1461468
	DUP OF 1461468	V012	Chloroform	< 6		ug/kg	12/16/96	1461495
		V015	1,1-Dichloroethane	< 6		ug/kg	12/16/96	1461468

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TABLE 2-12
Surface Soil Analytical Results
Supplemental Phase II Investigations
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID		Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
CPDA-9									
				Volatile Organics					
	DUP OF	1461468	V015	1,1-Dichloroethane	< 6		ug/kg	12/16/96	1461495
			V016	1,2-Dichloroethane	< 6		ug/kg	12/16/96	1461468
	DUP OF	1461468	V016	1,2-Dichloroethane	< 6		ug/kg	12/16/96	1461495
			V017	1,1-Dichloroethene	< 6		ug/kg	12/16/96	1461468
	DUP OF	1461468	V017	1,1-Dichloroethene	< 6		ug/kg	12/16/96	1461495
			V018	1,2-Dichloropropane	< 6		ug/kg	12/16/96	1461468
	DUP OF	1461468	V018	1,2-Dichloropropane	< 6		ug/kg	12/16/96	1461495
			V019	cis-1,3-Dichloropropene	< 6		ug/kg	12/16/96	1461468
	DUP OF	1461468	V019	cis-1,3-Dichloropropene	< 6		ug/kg	12/16/96	1461495
			V020	Trans-1,3-Dichloropropene	< 6		ug/kg	12/16/96	1461468
	DUP OF	1461468	V020	Trans-1,3-Dichloropropene	< 6		ug/kg	12/16/96	1461495
			V021	Ethylbenzene	< 6		ug/kg	12/16/96	1461468
	DUP OF	1461468	V021	Ethylbenzene	< 6		ug/kg	12/16/96	1461495
			V022	Bromomethane(MethylBromide)	< 12		ug/kg	12/16/96	1461468
	DUP OF	1461468	V022	Bromomethane(MethylBromide)	< 12		ug/kg	12/16/96	1461495
			V023	Chloromethane (Methyl Chloride)	< 12		ug/kg	12/16/96	1461468
	DUP OF	1461468	V023	Chloromethane (Methyl Chloride)	< 12		ug/kg	12/16/96	1461495
			V024	Methylene Chloride	< 6		ug/kg	12/16/96	1461468
	DUP OF	1461468	V024	Methylene Chloride	< 6		ug/kg	12/16/96	1461495
			V025	1,1,2,2-Tetrachloroethane	< 6		ug/kg	12/16/96	1461468
	DUP OF	1461468	V025	1,1,2,2-Tetrachloroethane	< 6		ug/kg	12/16/96	1461495
			V026	Tetrachloroethene (PCE)	< 6		ug/kg	12/16/96	1461468
	DUP OF	1461468	V026	Tetrachloroethene (PCE)	< 6		ug/kg	12/16/96	1461495
			V027	Toluene	< 6		ug/kg	12/16/96	1461468
	DUP OF	1461468	V027	Toluene	[illegible]		ug/kg	12/16/96	1461495
			V029	1,1,1-Trichloroethane	[illegible]	Jj	ug/kg	12/16/96	1461468
	DUP OF	1461468	V029	1,1,1-Trichloroethane	[illegible]		ug/kg	12/16/96	1461495
			V030	1,1,2-Trichloroethane	< 6		ug/kg	12/16/96	1461468
	DUP OF	1461468	V030	1,1,2-Trichloroethane	< 6		ug/kg	12/16/96	1461495
			V031	Trichloroethene (TCE)	< 6		ug/kg	12/16/96	1461468
	DUP OF	1461468	V031	Trichloroethene (TCE)	< 6		ug/kg	12/16/96	1461495
			V033	Styrene	< 6		ug/kg	12/16/96	1461468
	DUP OF	1461468	V033	Styrene	< 6		ug/kg	12/16/96	1461495
			V034	Vinyl Chloride	< 12		ug/kg	12/16/96	1461468
	DUP OF	1461468	V034	Vinyl Chloride	< 12		ug/kg	12/16/96	1461495
			V039	Xylenes, Total	< 6		ug/kg	12/16/96	1461468
	DUP OF	1461468	V039	Xylenes, Total	< 6		ug/kg	12/16/96	1461495
			V040	Acetone	< 15	u	ug/kg	12/16/96	1461468
	DUP OF	1461468	V040	Acetone	< 12		ug/kg	12/16/96	1461495
			V041	2-Butanone (MEK)	< 12		ug/kg	12/16/96	1461468
	DUP OF	1461468	V041	2-Butanone (MEK)	< 12		ug/kg	12/16/96	1461495
			V042	Carbon Disulfide	< 6		ug/kg	12/16/96	1461468
	DUP OF	1461468	V042	Carbon Disulfide	< 6		ug/kg	12/16/96	1461495
			V043	2-Hexanone	< 12	uj	ug/kg	12/16/96	1461468
	DUP OF	1461468	V043	2-Hexanone	< 12		ug/kg	12/16/96	1461495
			V044	4-Methyl-2-Pentanone (MIBK)	< 12		ug/kg	12/16/96	1461468
	DUP OF	1461468	V044	4-Methyl-2-Pentanone (MIBK)	< 12		ug/kg	12/16/96	1461495
			V045	Vinyl Acetate	< 12		ug/kg	12/16/96	1461468
	DUP OF	1461468	V045	Vinyl Acetate	< 12		ug/kg	12/16/96	1461495
			V075	1,2-Dichloroethene(total)	< 6		ug/kg	12/16/96	1461468
	DUP OF	1461468	V075	1,2-Dichloroethene(total)	< 6		ug/kg	12/16/96	1461495
			V155	2,4,4-Trimethyl-1-pentene	< 6	uj	ug/kg	12/16/96	1461468
	DUP OF	1461468	V155	2,4,4-Trimethyl-1-pentene	< 6		ug/kg	12/16/96	1461495
			V253	2,4,4-Trimethyl-2-Pentene	< 6		ug/kg	12/16/96	1461468
	DUP OF	1461468	V253	2,4,4-Trimethyl-2-Pentene	< 6		ug/kg	12/16/96	1461495
				Acid Extractable Organics					
			A001	Benzoic Acid	< 1900		ug/kg	12/16/96	1461468
	DUP OF	1461468	A001	Benzoic Acid	< 1900		ug/kg	12/16/96	1461495
			A002	2-Chlorophenol	< 390		ug/kg	12/16/96	1461468

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TABLE 2-12
Surface Soil Analytical Results
Supplemental Phase II Investigations
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID		Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
CPDA-9									
				Acid Extractable Organics					
	DUP OF	1461468	A002	2-Chlorophenol	< 390		ug/kg	12/16/96	1461495
			A003	2,4-Dichlorophenol	< 390		ug/kg	12/16/96	1461468
	DUP OF	1461468	A003	2,4-Dichlorophenol	< 390		ug/kg	12/16/96	1461495
			A004	2,4-Dimethylphenol	< 390		ug/kg	12/16/96	1461468
	DUP OF	1461468	A004	2,4-Dimethylphenol	< 390		ug/kg	12/16/96	1461495
			A006	4,6-Dinitro-2-methylphenol	< 1900		ug/kg	12/16/96	1461468
	DUP OF	1461468	A006	4,6-Dinitro-2-methylphenol	< 1900		ug/kg	12/16/96	1461495
			A007	2,4-Dinitrophenol	< 1900		ug/kg	12/16/96	1461468
	DUP OF	1461468	A007	2,4-Dinitrophenol	< 1900		ug/kg	12/16/96	1461495
			A008	2-Nitrophenol	< 390		ug/kg	12/16/96	1461468
	DUP OF	1461468	A008	2-Nitrophenol	< 390		ug/kg	12/16/96	1461495
			A009	4-Nitrophenol	< 1900		ug/kg	12/16/96	1461468
	DUP OF	1461468	A009	4-Nitrophenol	< 1900		ug/kg	12/16/96	1461495
			A011	Pentachlorophenol	< 1900		ug/kg	12/16/96	1461468
	DUP OF	1461468	A011	Pentachlorophenol	< 1900		ug/kg	12/16/96	1461495
			A012	Phenol	< 390		ug/kg	12/16/96	1461468
	DUP OF	1461468	A012	Phenol	< 390		ug/kg	12/16/96	1461495
			A013	2,4,6-Trichlorophenol	< 390		ug/kg	12/16/96	1461468
	DUP OF	1461468	A013	2,4,6-Trichlorophenol	< 390		ug/kg	12/16/96	1461495
			A014	2,4,5-Trichlorophenol	< 1900		ug/kg	12/16/96	1461468
	DUP OF	1461468	A014	2,4,5-Trichlorophenol	< 1900		ug/kg	12/16/96	1461495
			A015	2-Methylphenol (o-Cresol)	< 390		ug/kg	12/16/96	1461468
	DUP OF	1461468	A015	2-Methylphenol (o-Cresol)	< 390		ug/kg	12/16/96	1461495
			A016	4-Methylphenol(p-Cresol)	< 390		ug/kg	12/16/96	1461468
	DUP OF	1461468	A016	4-Methylphenol(p-Cresol)	< 390		ug/kg	12/16/96	1[illegible]95
			A020	4-Chloro-3-methylphenol	< 390		ug/kg	12/16/96 [illegible]	8
	DUP OF	1461468	A020	4-Chloro-3-methylphenol	< 390		ug/kg	12/16/96 1[illegible]	95
				Base/Neutral Organics					
			B001	Acenaphthene	< 390		ug/kg	12/16/96	1461468
	DUP OF	1461468	B001	Acenaphthene	< 390		ug/kg	12/16/96	1461495
			B002	Acenaphthylene	< 390		ug/kg	12/16/96	1461468
	DUP OF	1461468	B002	Acenaphthylene	< 390		ug/kg	12/16/96	1461495
			B003	Anthracene	< 390		ug/kg	12/16/96	1461468
	DUP OF	1461468	B003	Anthracene	< 390		ug/kg	12/16/96	1461495
			B005	Benzo(a)anthracene	< 390		ug/kg	12/16/96	1461468
	DUP OF	1461468	B005	Benzo(a)anthracene	< 390		ug/kg	12/16/96	1461495
			B006	Benzo(a)Pyrene	< 390		ug/kg	12/16/96	1461468
	DUP OF	1461468	B006	Benzo(a)Pyrene	< 390		ug/kg	12/16/96	1461495
			B007	Benzo(b)fluoranthene	< 390		ug/kg	12/16/96	1461468
	DUP OF	1461468	B007	Benzo(b)fluoranthene	< 390		ug/kg	12/16/96	1461495
			B008	Benzo(k)fluoranthene	< 390		ug/kg	12/16/96	1461468
	DUP OF	1461468	B008	Benzo(k)fluoranthene	< 390		ug/kg	12/16/96	1461495
			B010	Benzo(g,h,i)perylene	< 390		ug/kg	12/16/96	1461468
	DUP OF	1461468	B010	Benzo(g,h,i)perylene	< 390		ug/kg	12/16/96	1461495
			B011	bis(2-Chloroethoxy)methane	< 390		ug/kg	12/16/96	1461468
	DUP OF	1461468	B011	bis(2-Chloroethoxy)methane	< 390		ug/kg	12/16/96	1461495
			B012	bis(2-Chloroethyl)ether	< 390		ug/kg	12/16/96	1461468
	DUP OF	1461468	B012	bis(2-Chloroethyl)ether	< 390		ug/kg	12/16/96	1461495
			B013	bis(2-EthylHexyl)phthalate	90	Jj	ug/kg	12/16/96	1461468
	DUP OF	1461468	B013	bis(2-EthylHexyl)phthalate	41	JB	ug/kg	12/16/96	1461495
			B014	4-Bromophenyl-phenylether	< 390		ug/kg	12/16/96	1461468
	DUP OF	1461468	B014	4-Bromophenyl-phenylether	< 390		ug/kg	12/16/96	1461495
			B015	Butylbenzylphthalate	< 390		ug/kg	12/16/96	1461468
	DUP OF	1461468	B015	Butylbenzylphthalate	< 390		ug/kg	12/16/96	1461495
			B016	2-Chloronaphthalene	< 390		ug/kg	12/16/96	1461468
	DUP OF	1461468	B016	2-Chloronaphthalene	< 390		ug/kg	12/16/96	1461495
			B017	4-Chlorophenyl-phenylether	< 390		ug/kg	12/16/96	1461468
	DUP OF	1461468	B017	4-Chlorophenyl-phenylether	< 390		ug/kg	12/16/96	1461495
			B018	Chrysene	< 390		ug/kg	12/16/96	1461468

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TABLE 2-12
Surface Soil Analytical Results
Supplemental Phase II Investigations
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID		Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
CPDA-9				Base/Neutral Organics					
	DUP OF	1461468	B018	Chrysene	< 390		ug/kg	12/16/96	1461495
			B019	Dibenzo(a,h)anthracene	< 390		ug/kg	12/16/96	1461468
	DUP OF	1461468	B019	Dibenzo(a,h)anthracene	< 390		ug/kg	12/16/96	1461495
			B020	1,2-Dichlorobenzene	< 390		ug/kg	12/16/96	1461468
	DUP OF	1461468	B020	1,2-Dichlorobenzene	< 390		ug/kg	12/16/96	1461495
			B021	1,3-Dichlorobenzene	< 390		ug/kg	12/16/96	1461468
	DUP OF	1461468	B021	1,3-Dichlorobenzene	< 390		ug/kg	12/16/96	1461495
			B022	1,4-Dichlorobenzene	< 390		ug/kg	12/16/96	1461468
	DUP OF	1461468	B022	1,4-Dichlorobenzene	< 390		ug/kg	12/16/96	1461495
			B023	3,3'-Dichlorobenzidine	< 780		ug/kg	12/16/96	1461468
	DUP OF	1461468	B023	3,3'-Dichlorobenzidine	< 780		ug/kg	12/16/96	1461495
			B024	Diethylphthalate	< 390		ug/kg	12/16/96	1461468
	DUP OF	1461468	B024	Diethylphthalate	40	JB	ug/kg	12/16/96	1461495
			B025	Dimethylphthalate	< 390		ug/kg	12/16/96	1461468
	DUP OF	1461468	B025	Dimethylphthalate	< 390		ug/kg	12/16/96	1461495
			B026	Di-n-butylphthalate	< 43	JBu	ug/kg	12/16/96	1461468
	DUP OF	1461468	B026	Di-n-butylphthalate	19	JB	ug/kg	12/16/96	1461495
			B027	2,4-Dinitrotoluene	< 390		ug/kg	12/16/96	1461468
	DUP OF	1461468	B027	2,4-Dinitrotoluene	< 390		ug/kg	12/16/96	1461495
			B028	2,6-Dinitrotoluene	< 390		ug/kg	12/16/96	1461468
	DUP OF	1461468	B028	2,6-Dinitrotoluene	< 390		ug/kg	12/16/96	1461495
			B029	Di-n-octylphthalate	< 390		ug/kg	12/16/96	1461468
	DUP OF	1461468	B029	Di-n-octylphthalate	< 390		ug/kg	12/16/96	1461495
			B031	Fluoranthene	< 390		ug/kg	12/16/96	1461468
	DUP OF	1461468	B031	Fluoranthene	< 390		ug/kg	12/16/96	1461495
			B032	Fluorene	< 390		ug/kg	12/16/96	1461468
	DUP OF	1461468	B032	Fluorene	< 390		ug/kg	12/16/96	1461495
			B033	Hexachlorobenzene	< 390		ug/kg	12/16/96	1461468
	DUP OF	1461468	B033	Hexachlorobenzene	< 390		ug/kg	12/16/96	1461495
			B034	Hexachlorobutadiene	< 390		ug/kg	12/16/96	1461468
	DUP OF	1461468	B034	Hexachlorobutadiene	< 390		ug/kg	12/16/96	1461495
			B035	Hexachlorocyclopentadiene	< 390		ug/kg	12/16/96	1461468
	DUP OF	1461468	B035	Hexachlorocyclopentadiene	< 390		ug/kg	12/16/96	1461495
			B036	Hexachloroethane	< 390		ug/kg	12/16/96	1461468
	DUP OF	1461468	B036	Hexachloroethane	< 390		ug/kg	12/16/96	1461495
			B037	Indeno (1,2,3-cd) pyrene	< 390		ug/kg	12/16/96	1461468
	DUP OF	1461468	B037	Indeno (1,2,3-cd) pyrene	< 390		ug/kg	12/16/96	1461495
			B038	Isophorone	< 390		ug/kg	12/16/96	1461468
	DUP OF	1461468	B038	Isophorone	< 390		ug/kg	12/16/96	1461495
			B039	Naphthalene	< 390		ug/kg	12/16/96	1461468
	DUP OF	1461468	B039	Naphthalene	< 390		ug/kg	12/16/96	1461495
			B040	Nitrobenzene	< 390		ug/kg	12/16/96	1461468
	DUP OF	1461468	B040	Nitrobenzene	< 390		ug/kg	12/16/96	1461495
			B042	N-Nitroso-di-n-propylamine	< 390		ug/kg	12/16/96	1461468
	DUP OF	1461468	B042	N-Nitroso-di-n-propylamine	< 390		ug/kg	12/16/96	1461495
			B043	N-Nitrosodiphenylamine (1)	< 390		ug/kg	12/16/96	1461468
	DUP OF	1461468	B043	N-Nitrosodiphenylamine (1)	< 390		ug/kg	12/16/96	1461495
			B044	Phenanthrene	< 390		ug/kg	12/16/96	1461468
	DUP OF	1461468	B044	Phenanthrene	< 390		ug/kg	12/16/96	1461495
			B045	Pyrene	< 390		ug/kg	12/16/96	1461468
	DUP OF	1461468	B045	Pyrene	< 390		ug/kg	12/16/96	1461495
			B046	1,2,4-Trichlorobenzene	< 390		ug/kg	12/16/96	1461468
	DUP OF	1461468	B046	1,2,4-Trichlorobenzene	< 390		ug/kg	12/16/96	1461495
			B051	Benzyl Alcohol	< 390		ug/kg	12/16/96	1461468
	DUP OF	1461468	B051	Benzyl Alcohol	< 390		ug/kg	12/16/96	1461495
			B052	4-Chloroaniline	< 390		ug/kg	12/16/96	1461468
	DUP OF	1461468	B052	4-Chloroaniline	< 390		ug/kg	12/16/96	1461495
			B053	Dibenzofuran	< 390		ug/kg	12/16/96	1461468
	DUP OF	1461468	B053	Dibenzofuran	< 390		ug/kg	12/16/96	1461495

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TABLE 2-12
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Sample Location	Sample ID		Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
CPDA-9									
				Base/Neutral Organics					
			B054	2-Methylnaphthalene	< 390		ug/kg	12/16/96	1461468
	DUP OF	1461468	B054	2-Methylnaphthalene	< 390		ug/kg	12/16/96	1461495
			B055	2-Nitroaniline	< 1900		ug/kg	12/16/96	1461468
	DUP OF	1461468	B055	2-Nitroaniline	< 1900		ug/kg	12/16/96	1461495
			B056	3-Nitroaniline	< 1900		ug/kg	12/16/96	1461468
	DUP OF	1461468	B056	3-Nitroaniline	< 1900		ug/kg	12/16/96	1461495
			B057	4-Nitroaniline	< 1900		ug/kg	12/16/96	1461468
	DUP OF	1461468	B057	4-Nitroaniline	< 1900		ug/kg	12/16/96	1461495
			B058	bis(2-Chloroisopropyl)ether	< 390		ug/kg	12/16/96	1461468
	DUP OF	1461468	B058	bis(2-Chloroisopropyl)ether	< 390		ug/kg	12/16/96	1461495
				Pesticides, PCB's, and Herbicides					
			P001	Aldrin	< 2.0		ug/kg	12/16/96	1461468
	DUP OF	1461468	P001	Aldrin	< 2.0		ug/kg	12/16/96	1461495
			P002	Alpha-BHC	< 2.0		ug/kg	12/16/96	1461468
	DUP OF	1461468	P002	Alpha-BHC	< 2.0		ug/kg	12/16/96	1461495
			P003	Beta-BHC	< 2.0		ug/kg	12/16/96	1461468
	DUP OF	1461468	P003	Beta-BHC	< 2.0		ug/kg	12/16/96	1461495
			P004	Delta-BHC	< 2.0		ug/kg	12/16/96	1461468
	DUP OF	1461468	P004	Delta-BHC	< 2.0		ug/kg	12/16/96	1461495
			P005	Gamma-BHC (Lindane)	< 2.0		ug/kg	12/16/96	1461468
	DUP OF	1461468	P005	Gamma-BHC (Lindane)	< 2.0		ug/kg	12/16/96	1461495
			P006	4,4'-DDT	< 3.9	uj	ug/kg	12/16/96	1461468
	DUP OF	1461468	P006	4,4'-DDT	< 3.9		ug/kg	12/16/96	1461495
			P007	4,4'-DDE	< 3.9		ug/kg	12/16/96	1461468
	DUP OF	1461468	P007	4,4'-DDE	< 3.9		ug/kg	12/16/96	1[illegible]5
			P008	4,4'-DDD	< 3.9		ug/kg	12/16/96	1[illegible]8
	DUP OF	1461468	P008	4,4'-DDD	< 3.9		ug/kg	12/16/96	14[illegible]5
			P009	Dieldrin	< 3.9		ug/kg	12/16/96	1461468
	DUP OF	1461468	P009	Dieldrin	< 3.9		ug/kg	12/16/96	1461495
			P010	Endosulfan I	< 2.0		ug/kg	12/16/96	1461468
	DUP OF	1461468	P010	Endosulfan I	< 2.0		ug/kg	12/16/96	1461495
			P011	Endosulfan II	< 3.9		ug/kg	12/16/96	1461468
	DUP OF	1461468	P011	Endosulfan II	< 3.9		ug/kg	12/16/96	1461495
			P012	Endosulfan Sulfate	< 3.9	uj	ug/kg	12/16/96	1461468
	DUP OF	1461468	P012	Endosulfan Sulfate	< 3.9		ug/kg	12/16/96	1461495
			P013	Endrin	< 3.9		ug/kg	12/16/96	1461468
	DUP OF	1461468	P013	Endrin	< 3.9		ug/kg	12/16/96	1461495
			P014	Endrin Aldehyde	< 3.9		ug/kg	12/16/96	1461468
	DUP OF	1461468	P014	Endrin Aldehyde	< 3.9		ug/kg	12/16/96	1461495
			P015	Endrin Ketone	< 3.9	uj	ug/kg	12/16/96	1461468
	DUP OF	1461468	P015	Endrin Ketone	< 3.9		ug/kg	12/16/96	1461495
			P016	Heptachlor	< 2.0		ug/kg	12/16/96	1461468
	DUP OF	1461468	P016	Heptachlor	< 2.0		ug/kg	12/16/96	1461495
			P017	Heptachlor Epoxide	< 2.0		ug/kg	12/16/96	1461468
	DUP OF	1461468	P017	Heptachlor Epoxide	< 2.0		ug/kg	12/16/96	1461495
			P018	Methoxychlor	< 20	uj	ug/kg	12/16/96	1461468
	DUP OF	1461468	P018	Methoxychlor	< 20		ug/kg	12/16/96	1461495
			P020	Toxaphene	< 39		ug/kg	12/16/96	1461468
	DUP OF	1461468	P020	Toxaphene	< 39		ug/kg	12/16/96	1461495
			P047	Alpha-Chlordane	< 2.0		ug/kg	12/16/96	1461468
	DUP OF	1461468	P047	Alpha-Chlordane	< 2.0		ug/kg	12/16/96	1461495
			P048	Gamma-Chlordane	< 2.0	uj	ug/kg	12/16/96	1461468
	DUP OF	1461468	P048	Gamma-Chlordane	< 2.0		ug/kg	12/16/96	1461495
				Metals					
			M001	Aluminum	2500		mg/kg	12/16/96	1461468
			M002	Antimony	< 1.3		mg/kg	12/16/96	1461468
			M003	Arsenic	2.2	j	mg/kg	12/16/96	1461468
			M004	Barium	6.2	B[]	mg/kg	12/16/96	1461468
			M005	Beryllium	< 0.21		mg/kg	12/16/96	1461468

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TABLE 2-12
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Sample Location	Sample ID		Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
CPDA-9									
				Metals					
			M006	Cadmium	< 0.21		mg/kg	12/16/96	1461468
			M007	Calcium	930	BE[]	mg/kg	12/16/96	1461468
			M008	Chromium	10		mg/kg	12/16/96	1461468
	DUP OF	1461468	M008	Chromium	7.2	E	mg/kg	12/16/96	1461495
			M009	Cobalt	1.4	B[]	mg/kg	12/16/96	1461468
			M010	Copper	2.9	B[]	mg/kg	12/16/96	1461468
			M011	Iron	2600		mg/kg	12/16/96	1461468
			M012	Lead	2.3		mg/kg	12/16/96	1461468
			M013	Magnesium	900	B[]	mg/kg	12/16/96	1461468
			M014	Manganese	32		mg/kg	12/16/96	1461468
			M015	Mercury	0.09	Nj	mg/kg	12/16/96	1461468
			M016	Nickel	4.7	B[]	mg/kg	12/16/96	1461468
			M017	Potassium	240	B[]	mg/kg	12/16/96	1461468
			M018	Selenium	< 1.1	N	mg/kg	12/16/96	1461468
			M019	Silver	< 0.21	r	mg/kg	12/16/96	1461468
			M020	Sodium	< 70	Bu[]	mg/kg	12/16/96	1461468
			M021	Thallium	< 1.7	Nuj	mg/kg	12/16/96	1461468
			M023	Vanadium	4.8	B[]	mg/kg	12/16/96	1461468
			M024	Zinc	12		mg/kg	12/16/96	1461468
				Inorganic Non-metals					
			I009	Nitrogen, Ammonia	17.4		mg/kg	12/16/96	1461468
	DUP OF	1461468	I009	Nitrogen, Ammonia	13.9		mg/kg	12/16/96	1461495
			I018	Sulfate as SO4	250		mg/kg	12/16/96	1461468
	DUP OF	1461468	I018	Sulfate as SO4	190		mg/kg	12/16/96	1461495
DRMA(COMP A)									
				Acid Extractable Organics					
			A001	Benzoic Acid	< 44000		ug/kg	12/15/96	1461454
			A002	2-Chlorophenol	< 9100		ug/kg	12/15/96	1461454
			A003	2,4-Dichlorophenol	< 9100		ug/kg	12/15/96	1461454
			A004	2,4-Dimethylphenol	< 9100		ug/kg	12/15/96	1461454
			A006	4,6-Dinitro-2-methylphenol	< 44000		ug/kg	12/15/96	1461454
			A007	2,4-Dinitrophenol	< 44000		ug/kg	12/15/96	1461454
			A008	2-Nitrophenol	< 9100		ug/kg	12/15/96	1461454
			A009	4-Nitrophenol	< 44000		ug/kg	12/15/96	1461454
			A011	Pentachlorophenol	< 44000		ug/kg	12/15/96	1461454
			A012	Phenol	< 9100		ug/kg	12/15/96	1461454
			A013	2,4,6-Trichlorophenol	< 9100		ug/kg	12/15/96	1461454
			A014	2,4,5-Trichlorophenol	< 44000		ug/kg	12/15/96	1461454
			A015	2-Methylphenol (o-Cresol)	< 9100		ug/kg	12/15/96	1461454
			A016	4-Methylphenol(p-Cresol)	< 9100		ug/kg	12/15/96	1461454
			A020	4-Chloro-3-methylphenol	< 9100		ug/kg	12/15/96	1461454
				Base/Neutral Organics					
			B001	Acenaphthene	< 9100		ug/kg	12/15/96	1461454
			B002	Acenaphthylene	< 9100		ug/kg	12/15/96	1461454
			B003	Anthracene	< 9100		ug/kg	12/15/96	1461454
			B005	Benzo(a)anthracene	< 9100		ug/kg	12/15/96	1461454
			B006	Benzo(a)Pyrene	< 9100		ug/kg	12/15/96	1461454
			B007	Benzo(b)fluoranthene	< 9100		ug/kg	12/15/96	1461454
			B008	Benzo(k)fluoranthene	< 9100		ug/kg	12/15/96	1461454
			B010	Benzo(g,h,i)perylene	< 9100		ug/kg	12/15/96	1461454
			B011	bis(2-Chloroethoxy)methane	< 9100		ug/kg	12/15/96	1461454
			B012	bis(2-Chloroethyl)ether	< 9100		ug/kg	12/15/96	1461454
			B013	bis(2-EthylHexyl)phthalate	1300	JB	ug/kg	12/15/96	1461454
			B014	4-Bromophenyl-phenylether	< 9100		ug/kg	12/15/96	1461454
			B015	Butylbenzylphthalate	< 9100		ug/kg	12/15/96	1461454
			B016	2-Chloronaphthalene	< 9100		ug/kg	12/15/96	1461454
			B017	4-Chlorophenyl-phenylether	< 9100		ug/kg	12/15/96	1461454
			B018	Chrysene	< 9100		ug/kg	12/15/96	1461454

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TABLE 2-12
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Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
DRMA(COMP A)								
			Base/Neutral Organics					
		B019	Dibenzo(a,h)anthracene	< 9100		ug/kg	12/15/96	1461454
		B020	1,2-Dichlorobenzene	< 9100		ug/kg	12/15/96	1461454
		B021	1,3-Dichlorobenzene	< 9100		ug/kg	12/15/96	1461454
		B022	1,4-Dichlorobenzene	< 9100		ug/kg	12/15/96	1461454
		B023	3,3'-Dichlorobenzidine	< 18000		ug/kg	12/15/96	1461454
		B024	Diethylphthalate	< 9100		ug/kg	12/15/96	1461454
		B025	Dimethylphthalate	< 9100		ug/kg	12/15/96	1461454
		B026	Di-n-butylphthalate	200	JB	ug/kg	12/15/96	1461454
		B027	2,4-Dinitrotoluene	< 9100		ug/kg	12/15/96	1461454
		B028	2,6-Dinitrotoluene	< 9100		ug/kg	12/15/96	1461454
		B029	Di-n-octylphthalate	< 9100		ug/kg	12/15/96	1461454
		B031	Fluoranthene	< 9100		ug/kg	12/15/96	1461454
		B032	Fluorene	< 9100		ug/kg	12/15/96	1461454
		B033	Hexachlorobenzene	< 9100		ug/kg	12/15/96	1461454
		B034	Hexachlorobutadiene	< 9100		ug/kg	12/15/96	1461454
		B035	Hexachlorocyclopentadiene	< 9100		ug/kg	12/15/96	1461454
		B036	Hexachloroethane	< 9100		ug/kg	12/15/96	1461454
		B037	Indeno (1,2,3-cd) pyrene	< 9100		ug/kg	12/15/96	1461454
		B038	Isophorone	< 9100		ug/kg	12/15/96	1461454
		B039	Naphthalene	< 9100		ug/kg	12/15/96	1461454
		B040	Nitrobenzene	< 9100		ug/kg	12/15/96	1461454
		B042	N-Nitroso-di-n-propylamine	< 9100		ug/kg	12/15/96	1461454
		B043	N-Nitrosodiphenylamine (1)	2800	J	ug/kg	12/15/96	1461454
		B044	Phenanthrene	< 9100		ug/kg	12/15/96	1461454
		B045	Pyrene	< 9100		ug/kg	12/15/96	14[illegible]4
		B046	1,2,4-Trichlorobenzene	< 9100		ug/kg	12/15/96	1[illegible]
		B051	Benzyl Alcohol	< 9100		ug/kg	12/15/96	14[illegible]4
		B052	4-Chloroaniline	< 9100		ug/kg	12/15/96	1461454
		B053	Dibenzofuran	< 9100		ug/kg	12/15/96	1461454
		B054	2-Methylnaphthalene	< 9100		ug/kg	12/15/96	1461454
		B055	2-Nitroaniline	< 44000		ug/kg	12/15/96	1461454
		B056	3-Nitroaniline	< 44000		ug/kg	12/15/96	1461454
		B057	4-Nitroaniline	< 44000		ug/kg	12/15/96	1461454
		B058	bis(2-Chloroisopropyl)ether	< 9100		ug/kg	12/15/96	1461454
			Pesticides, PCB's, and Herbicides					
		P001	Aldrin	0.46	J	ug/kg	12/15/96	1461454
		P002	Alpha-BHC	5.0		ug/kg	12/15/96	1461454
		P003	Beta-BHC	< 1.9		ug/kg	12/15/96	1461454
		P004	Delta-BHC	< 1.9		ug/kg	12/15/96	1461454
		P005	Gamma-BHC (Lindane)	4.7		ug/kg	12/15/96	1461454
		P006	4,4'-DDT	3.1	J	ug/kg	12/15/96	1461454
		P007	4,4'-DDE	< 3.7		ug/kg	12/15/96	1461454
		P008	4,4'-DDD	3.4	J	ug/kg	12/15/96	1461454
		P009	Dieldrin	< 3.7		ug/kg	12/15/96	1461454
		P010	Endosulfan I	5.6		ug/kg	12/15/96	1461454
		P011	Endosulfan II	< 3.7		ug/kg	12/15/96	1461454
		P012	Endosulfan Sulfate	< 3.7		ug/kg	12/15/96	1461454
		P013	Endrin	< 3.7		ug/kg	12/15/96	1461454
		P014	Endrin Aldehyde	< 3.7		ug/kg	12/15/96	1461454
		P015	Endrin Ketone	4.8		ug/kg	12/15/96	1461454
		P016	Heptachlor	< 1.9		ug/kg	12/15/96	1461454
		P017	Heptachlor Epoxide	< 1.9		ug/kg	12/15/96	1461454
		P018	Methoxychlor	< 19		ug/kg	12/15/96	1461454
		P020	Toxaphene	< 37		ug/kg	12/15/96	1461454
		P047	Alpha-Chlordane	3.6		ug/kg	12/15/96	1461454
		P048	Gamma-Chlordane	< 1.9		ug/kg	12/15/96	1461454
			Metals					
		M001	Aluminum	5560		mg/kg	12/15/96	1461454
		M002	Antimony	1.2	N	mg/kg	12/15/96	1461454

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TABLE 2-12
Surface Soil Analytical Results
Supplemental Phase II Investigations
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
DRMA(COMP A)								
			Metals					
		M003	Arsenic	9.7		mg/kg	12/15/96	1461454
		M004	Barium	22.3	B	mg/kg	12/15/96	1461454
		M005	Beryllium	0.32	B	mg/kg	12/15/96	1461454
		M006	Cadmium	< 0.21		mg/kg	12/15/96	1461454
		M007	Calcium	2060		mg/kg	12/15/96	1461454
		M008	Chromium	24.1	*N	mg/kg	12/15/96	1461454
		M009	Cobalt	3.9	B	mg/kg	12/15/96	1461454
		M010	Copper	9.7		mg/kg	12/15/96	1461454
		M011	Iron	7580		mg/kg	12/15/96	1461454
		M012	Lead	9.4		mg/kg	12/15/96	1461454
		M013	Magnesium	1920		mg/kg	12/15/96	1461454
		M014	Manganese	109		mg/kg	12/15/96	1461454
		M015	Mercury	0.11		mg/kg	12/15/96	1461454
		M016	Nickel	10.2		mg/kg	12/15/96	1461454
		M017	Potassium	652	B	mg/kg	12/15/96	1461454
		M018	Selenium	1.0	N	mg/kg	12/15/96	1461454
		M019	Silver	< 0.21		mg/kg	12/15/96	1461454
		M020	Sodium	131	B	mg/kg	12/15/96	1461454
		M021	Thallium	1.8	B	mg/kg	12/15/96	1461454
		M023	Vanadium	11.3		mg/kg	12/15/96	1461454
		M024	Zinc	37.2	E	mg/kg	12/15/96	1461454
			Inorganic Non-metals					
		I009	Nitrogen, Ammonia	47.4		mg/kg	12/15/96	1461454
		I018	Sulfate as SO4	2310		mg/kg	12/15/96	1461454
DRMA(COMP B)								
			Acid Extractable Organics					
		A001	Benzoic Acid	< 7800		ug/kg	12/15/96	1461459
		A002	2-Chlorophenol	< 1600		ug/kg	12/15/96	1461459
		A003	2,4-Dichlorophenol	< 1600		ug/kg	12/15/96	1461459
		A004	2,4-Dimethylphenol	< 1600		ug/kg	12/15/96	1461459
		A006	4,6-Dinitro-2-methylphenol	< 7800		ug/kg	12/15/96	1461459
		A007	2,4-Dinitrophenol	< 7800		ug/kg	12/15/96	1461459
		A008	2-Nitrophenol	< 1600		ug/kg	12/15/96	1461459
		A009	4-Nitrophenol	< 7800		ug/kg	12/15/96	1461459
		A011	Pentachlorophenol	< 7800		ug/kg	12/15/96	1461459
		A012	Phenol	< 1600		ug/kg	12/15/96	1461459
		A013	2,4,6-Trichlorophenol	< 1600		ug/kg	12/15/96	1461459
		A014	2,4,5-Trichlorophenol	< 7800		ug/kg	12/15/96	1461459
		A015	2-Methylphenol (o-Cresol)	< 1600		ug/kg	12/15/96	1461459
		A016	4-Methylphenol(p-Cresol)	< 1600		ug/kg	12/15/96	1461459
		A020	4-Chloro-3-methylphenol	< 1600		ug/kg	12/15/96	1461459
			Base/Neutral Organics					
		B001	Acenaphthene	< 1600		ug/kg	12/15/96	1461459
		B002	Acenaphthylene	< 1600		ug/kg	12/15/96	1461459
		B003	Anthracene	< 1600		ug/kg	12/15/96	1461459
		B005	Benzo(a)anthracene	< 1600		ug/kg	12/15/96	1461459
		B006	Benzo(a)Pyrene	< 1600		ug/kg	12/15/96	1461459
		B007	Benzo(b)fluoranthene	< 1600		ug/kg	12/15/96	1461459
		B008	Benzo(k)fluoranthene	< 1600		ug/kg	12/15/96	1461459
		B010	Benzo(g,h,i)perylene	< 1600		ug/kg	12/15/96	1461459
		B011	bis(2-Chloroethoxy)methane	< 1600		ug/kg	12/15/96	1461459
		B012	bis(2-Chloroethyl)ether	< 1600		ug/kg	12/15/96	1461459
		B013	bis(2-EthylHexyl)phthalate	5300	B	ug/kg	12/15/96	1461459
		B014	4-Bromophenyl-phenylether	< 1600		ug/kg	12/15/96	1461459
		B015	Butylbenzylphthalate	< 1600		ug/kg	12/15/96	1461459
		B016	2-Chloronaphthalene	< 1600		ug/kg	12/15/96	1461459
		B017	4-Chlorophenyl-phenylether	< 1600		ug/kg	12/15/96	1461459
		B018	Chrysene	< 1600		ug/kg	12/15/96	1461459

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TABLE 2-12
Surface Soil Analytical Results
Supplemental Phase II Investigations
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
DRMA(COMP B)								
			Base/Neutral Organics					
		B019	Dibenzo(a,h)anthracene	< 1600		ug/kg	12/15/96	1461459
		B020	1,2-Dichlorobenzene	< 1600		ug/kg	12/15/96	1461459
		B021	1,3-Dichlorobenzene	< 1600		ug/kg	12/15/96	1461459
		B022	1,4-Dichlorobenzene	< 1600		ug/kg	12/15/96	1461459
		B023	3,3'-Dichlorobenzidine	< 3200		ug/kg	12/15/96	1461459
		B024	Diethylphthalate	< 1600		ug/kg	12/15/96	1461459
		B025	Dimethylphthalate	< 1600		ug/kg	12/15/96	1461459
		B026	Di-n-butylphthalate	130	JB	ug/kg	12/15/96	1461459
		B027	2,4-Dinitrotoluene	< 1600		ug/kg	12/15/96	1461459
		B028	2,6-Dinitrotoluene	< 1600		ug/kg	12/15/96	1461459
		B029	Di-n-octylphthalate	< 1600		ug/kg	12/15/96	1461459
		B031	Fluoranthene	45	J	ug/kg	12/15/96	1461459
		B032	Fluorene	< 1600		ug/kg	12/15/96	1461459
		B033	Hexachlorobenzene	< 1600		ug/kg	12/15/96	1461459
		B034	Hexachlorobutadiene	< 1600		ug/kg	12/15/96	1461459
		B035	Hexachlorocyclopentadiene	< 1600		ug/kg	12/15/96	1461459
		B036	Hexachloroethane	< 1600		ug/kg	12/15/96	1461459
		B037	Indeno (1,2,3-cd) pyrene	< 1600		ug/kg	12/15/96	1461459
		B038	Isophorone	< 1600		ug/kg	12/15/96	1461459
		B039	Naphthalene	< 1600		ug/kg	12/15/96	1461459
		B040	Nitrobenzene	< 1600		ug/kg	12/15/96	1461459
		B042	N-Nitroso-di-n-propylamine	< 1600		ug/kg	12/15/96	1461459
		B043	N-Nitrosodiphenylamine (1)	2700		ug/kg	12/15/96	1461459
		B044	Phenanthrene	< 1600		ug/kg	12/15/96	1461459
		B045	Pyrene	< 1600		ug/kg	12/15/96	[illegible]
		B046	1,2,4-Trichlorobenzene	< 1600		ug/kg	12/15/96	[illegible]
		B051	Benzyl Alcohol	< 1600		ug/kg	12/15/96	[illegible]
		B052	4-Chloroaniline	< 1600		ug/kg	12/15/96	1461459
		B053	Dibenzofuran	< 1600		ug/kg	12/15/96	1461459
		B054	2-Methylnaphthalene	< 1600		ug/kg	12/15/96	1461459
		B055	2-Nitroaniline	< 7800		ug/kg	12/15/96	1461459
		B056	3-Nitroaniline	< 7800		ug/kg	12/15/96	1461459
		B057	4-Nitroaniline	< 7800		ug/kg	12/15/96	1461459
		B058	bis(2-Chloroisopropyl)ether	< 1600		ug/kg	12/15/96	1461459
			Pesticides, PCB's, and Herbicides					
		P001	Aldrin	1.2	J	ug/kg	12/15/96	1461459
		P002	Alpha-BHC	1.6	J	ug/kg	12/15/96	1461459
		P003	Beta-BHC	< 2.0		ug/kg	12/15/96	1461459
		P004	Delta-BHC	< 2.0		ug/kg	12/15/96	1461459
		P005	Gamma-BHC (Lindane)	3.4		ug/kg	12/15/96	1461459
		P006	4,4'-DDT	6.4		ug/kg	12/15/96	1461459
		P007	4,4'-DDE	1.9	J	ug/kg	12/15/96	1461459
		P008	4,4'-DDD	1.7	J	ug/kg	12/15/96	1461459
		P009	Dieldrin	6.9		ug/kg	12/15/96	1461459
		P010	Endosulfan I	4.7		ug/kg	12/15/96	1461459
		P011	Endosulfan II	< 3.8		ug/kg	12/15/96	1461459
		P012	Endosulfan Sulfate	< 3.8		ug/kg	12/15/96	1461459
		P013	Endrin	< 3.8		ug/kg	12/15/96	1461459
		P014	Endrin Aldehyde	< 3.8		ug/kg	12/15/96	1461459
		P015	Endrin Ketone	< 3.8		ug/kg	12/15/96	1461459
		P016	Heptachlor	0.87	J	ug/kg	12/15/96	1461459
		P017	Heptachlor Epoxide	2.8		ug/kg	12/15/96	1461459
		P018	Methoxychlor	< 20		ug/kg	12/15/96	1461459
		P020	Toxaphene	< 38		ug/kg	12/15/96	1461459
		P047	Alpha-Chlordane	4.5		ug/kg	12/15/96	1461459
		P048	Gamma-Chlordane	8.8		ug/kg	12/15/96	1461459
			Metals					
		M001	Aluminum	12900		mg/kg	12/15/96	1461459
		M002	Antimony	1.2	N	mg/kg	12/15/96	1461459

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TABLE 2-12
Surface Soil Analytical Results
Supplemental Phase II Investigations
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
DRMA(COMP B)								
			Metals					
		M003	Arsenic	30.9		mg/kg	12/15/96	1461459
		M004	Barium	43.2		mg/kg	12/15/96	1461459
		M005	Beryllium	0.61	B	mg/kg	12/15/96	1461459
		M006	Cadmium	< 0.19		mg/kg	12/15/96	1461459
		M007	Calcium	1850		mg/kg	12/15/96	1461459
		M008	Chromium	40.2	*N	mg/kg	12/15/96	1461459
		M009	Cobalt	11.3		mg/kg	12/15/96	1461459
		M010	Copper	21.7		mg/kg	12/15/96	1461459
		M011	Iron	17200		mg/kg	12/15/96	1461459
		M012	Lead	17.0		mg/kg	12/15/96	1461459
		M013	Magnesium	4880		mg/kg	12/15/96	1461459
		M014	Manganese	351		mg/kg	12/15/96	1461459
		M015	Mercury	< 0.090		mg/kg	12/15/96	1461459
		M016	Nickel	30.1		mg/kg	12/15/96	1461459
		M017	Potassium	1840		mg/kg	12/15/96	1461459
		M018	Selenium	0.96	N	mg/kg	12/15/96	1461459
		M019	Silver	< 0.19		mg/kg	12/15/96	1461459
		M020	Sodium	174	B	mg/kg	12/15/96	1461459
		M021	Thallium	1.8	B	mg/kg	12/15/96	1461459
		M023	Vanadium	24.9		mg/kg	12/15/96	1461459
		M024	Zinc	63.0	E	mg/kg	12/15/96	1461459
			Inorganic Non-metals					
		I009	Nitrogen, Ammonia	93		mg/kg	12/15/96	1461459
		I018	Sulfate as SO4	260		mg/kg	12/15/96	1461459
DRMB-(COMP)								
			Acid Extractable Organics					
		A001	Benzoic Acid	640	J	ug/kg	12/15/96	1461449
		A002	2-Chlorophenol	< 380		ug/kg	12/15/96	1461449
		A003	2,4-Dichlorophenol	< 380		ug/kg	12/15/96	1461449
		A004	2,4-Dimethylphenol	< 380		ug/kg	12/15/96	1461449
		A006	4,6-Dinitro-2-methylphenol	< 1800		ug/kg	12/15/96	1461449
		A007	2,4-Dinitrophenol	< 1800		ug/kg	12/15/96	1461449
		A008	2-Nitrophenol	< 380		ug/kg	12/15/96	1461449
		A009	4-Nitrophenol	< 1800		ug/kg	12/15/96	1461449
		A011	Pentachlorophenol	< 1800		ug/kg	12/15/96	1461449
		A012	Phenol	2400		ug/kg	12/15/96	1461449
		A013	2,4,6-Trichlorophenol	< 380		ug/kg	12/15/96	1461449
		A014	2,4,5-Trichlorophenol	< 1800		ug/kg	12/15/96	1461449
		A015	2-Methylphenol (o-Cresol)	49	J	ug/kg	12/15/96	1461449
		A016	4-Methylphenol(p-Cresol)	340	J	ug/kg	12/15/96	1461449
		A020	4-Chloro-3-methylphenol	< 380		ug/kg	12/15/96	1461449
			Base/Neutral Organics					
		B001	Acenaphthene	< 380		ug/kg	12/15/96	1461449
		B002	Acenaphthylene	< 380		ug/kg	12/15/96	1461449
		B003	Anthracene	20	J	ug/kg	12/15/96	1461449
		B005	Benzo(a)anthracene	47	J	ug/kg	12/15/96	1461449
		B006	Benzo(a)Pyrene	< 380		ug/kg	12/15/96	1461449
		B007	Benzo(b)fluoranthene	< 380		ug/kg	12/15/96	1461449
		B008	Benzo(k)fluoranthene	< 380		ug/kg	12/15/96	1461449
		B010	Benzo(g,h,i)perylene	< 380		ug/kg	12/15/96	1461449
		B011	bis(2-Chloroethoxy)methane	< 380		ug/kg	12/15/96	1461449
		B012	bis(2-Chloroethyl)ether	< 380		ug/kg	12/15/96	1461449
		B013	bis(2-EthylHexyl)phthalate	2900	B	ug/kg	12/15/96	1461449
		B014	4-Bromophenyl-phenylether	< 380		ug/kg	12/15/96	1461449
		B015	Butylbenzylphthalate	< 380		ug/kg	12/15/96	1461449
		B016	2-Chloronaphthalene	< 380		ug/kg	12/15/96	1461449
		B017	4-Chlorophenyl-phenylether	< 380		ug/kg	12/15/96	1461449
		B018	Chrysene	52	J	ug/kg	12/15/96	1461449

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TABLE 2-12
Surface Soil Analytical Results
Supplemental Phase II Investigations
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
DRMB-(COMP)								
			Base/Neutral Organics					
		B019	Dibenzo(a,h)anthracene	< 380		ug/kg	12/15/96	1461449
		B020	1,2-Dichlorobenzene	< 380		ug/kg	12/15/96	1461449
		B021	1,3-Dichlorobenzene	< 380		ug/kg	12/15/96	1461449
		B022	1,4-Dichlorobenzene	< 380		ug/kg	12/15/96	1461449
		B023	3,3'-Dichlorobenzidine	< 760		ug/kg	12/15/96	1461449
		B024	Diethylphthalate	< 380		ug/kg	12/15/96	1461449
		B025	Dimethylphthalate	< 380		ug/kg	12/15/96	1461449
		B026	Di-n-butylphthalate	330	JB	ug/kg	12/15/96	1461449
		B027	2,4-Dinitrotoluene	< 380		ug/kg	12/15/96	1461449
		B028	2,6-Dinitrotoluene	< 380		ug/kg	12/15/96	1461449
		B029	Di-n-octylphthalate	< 380		ug/kg	12/15/96	1461449
		B031	Fluoranthene	110	J	ug/kg	12/15/96	1461449
		B032	Fluorene	< 380		ug/kg	12/15/96	1461449
		B033	Hexachlorobenzene	< 380		ug/kg	12/15/96	1461449
		B034	Hexachlorobutadiene	< 380		ug/kg	12/15/96	1461449
		B035	Hexachlorocyclopentadiene	< 380		ug/kg	12/15/96	1461449
		B036	Hexachloroethane	< 380		ug/kg	12/15/96	1461449
		B037	Indeno (1,2,3-cd) pyrene	< 380		ug/kg	12/15/96	1461449
		B038	Isophorone	< 380		ug/kg	12/15/96	1461449
		B039	Naphthalene	99	J	ug/kg	12/15/96	1461449
		B040	Nitrobenzene	< 380		ug/kg	12/15/96	1461449
		B042	N-Nitroso-di-n-propylamine	< 380		ug/kg	12/15/96	1461449
		B043	N-Nitrosodiphenylamine (1)	1000		ug/kg	12/15/96	1461449
		B044	Phenanthrene	74	J	ug/kg	12/15/96	1461449
		B045	Pyrene	120	J	ug/kg	12/15/96	1[illegible]9
		B046	1,2,4-Trichlorobenzene	< 380		ug/kg	12/15/96	1[illegible]9
		B051	Benzyl Alcohol	< 380		ug/kg	12/15/96	14[illegible]49
		B052	4-Chloroaniline	< 380		ug/kg	12/15/96	1461449
		B053	Dibenzofuran	< 380		ug/kg	12/15/96	1461449
		B054	2-Methylnaphthalene	< 380		ug/kg	12/15/96	1461449
		B055	2-Nitroaniline	< 1800		ug/kg	12/15/96	1461449
		B056	3-Nitroaniline	< 1800		ug/kg	12/15/96	1461449
		B057	4-Nitroaniline	< 1800		ug/kg	12/15/96	1461449
		B058	bis(2-Chloroisopropyl)ether	< 380		ug/kg	12/15/96	1461449
			Pesticides, PCB's, and Herbicides					
		P001	Aldrin	< 9.8		ug/kg	12/15/96	1461449
		P002	Alpha-BHC	< 9.8		ug/kg	12/15/96	1461449
		P003	Beta-BHC	< 9.8		ug/kg	12/15/96	1461449
		P004	Delta-BHC	< 9.8		ug/kg	12/15/96	1461449
		P005	Gamma-BHC (Lindane)	170		ug/kg	12/15/96	1461449
		P006	4,4'-DDT	30		ug/kg	12/15/96	1461449
		P007	4,4'-DDE	< 19		ug/kg	12/15/96	1461449
		P008	4,4'-DDD	17	J	ug/kg	12/15/96	1461449
		P009	Dieldrin	< 19		ug/kg	12/15/96	1461449
		P010	Endosulfan I	99		ug/kg	12/15/96	1461449
		P011	Endosulfan II	< 19		ug/kg	12/15/96	1461449
		P012	Endosulfan Sulfate	< 19		ug/kg	12/15/96	1461449
		P013	Endrin	< 19		ug/kg	12/15/96	1461449
		P014	Endrin Aldehyde	< 19		ug/kg	12/15/96	1461449
		P015	Endrin Ketone	< 19		ug/kg	12/15/96	1461449
		P016	Heptachlor	< 9.8		ug/kg	12/15/96	1461449
		P017	Heptachlor Epoxide	< 9.8		ug/kg	12/15/96	1461449
		P018	Methoxychlor	< 98		ug/kg	12/15/96	1461449
		P020	Toxaphene	< 190		ug/kg	12/15/96	1461449
		P047	Alpha-Chlordane	52		ug/kg	12/15/96	1461449
		P048	Gamma-Chlordane	< 9.8		ug/kg	12/15/96	1461449
			Metals					
		M001	Aluminum	4070		mg/kg	12/15/96	1461449
		M002	Antimony	1.3	N	mg/kg	12/15/96	1461449

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TABLE 2-12
Surface Soil Analytical Results
Supplemental Phase II Investigations
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
DRMB-(COMP)								
			Metals					
		M003	Arsenic	3.8		mg/kg	12/15/96	1461449
		M004	Barium	13.9	B	mg/kg	12/15/96	1461449
		M005	Beryllium	< 0.21		mg/kg	12/15/96	1461449
		M006	Cadmium	< 0.21		mg/kg	12/15/96	1461449
		M007	Calcium	2580		mg/kg	12/15/96	1461449
		M008	Chromium	52.6	*N	mg/kg	12/15/96	1461449
		M009	Cobalt	1.9	B	mg/kg	12/15/96	1461449
		M010	Copper	6.2		mg/kg	12/15/96	1461449
		M011	Iron	3720		mg/kg	12/15/96	1461449
		M012	Lead	19.5		mg/kg	12/15/96	1461449
		M013	Magnesium	668	B	mg/kg	12/15/96	1461449
		M014	Manganese	44.5		mg/kg	12/15/96	1461449
		M015	Mercury	0.38		mg/kg	12/15/96	1461449
		M016	Nickel	3.5	B	mg/kg	12/15/96	1461449
		M017	Potassium	190	B	mg/kg	12/15/96	1461449
		M018	Selenium	1.1	N	mg/kg	12/15/96	1461449
		M019	Silver	< 0.21		mg/kg	12/15/96	1461449
		M020	Sodium	79.0	B	mg/kg	12/15/96	1461449
		M021	Thallium	< 1.7		mg/kg	12/15/96	1461449
		M023	Vanadium	7.2	B	mg/kg	12/15/96	1461449
		M024	Zinc	41.4	E	mg/kg	12/15/96	1461449
			Inorganic Non-metals					
		I009	Nitrogen, Ammonia	263		mg/kg	12/15/96	1461449
		I018	Sulfate as SO4	5110		mg/kg	12/15/96	1461449
G1-DRMB								
			Volatile Organics					
		V003	Benzene	< 6		ug/kg	12/15/96	1461445
		V005	Bromoform	< 6		ug/kg	12/15/96	1461445
		V006	Carbon Tetrachloride	< 6		ug/kg	12/15/96	1461445
		V007	Chlorobenzene	< 6		ug/kg	12/15/96	1461445
		V008	Dibromochloromethane	< 6		ug/kg	12/15/96	1461445
		V009	Bromodichloromethane	< 6		ug/kg	12/15/96	1461445
		V010	Chloroethane	< 11		ug/kg	12/15/96	1461445
		V012	Chloroform	< 6		ug/kg	12/15/96	1461445
		V015	1,1-Dichloroethane	< 6		ug/kg	12/15/96	1461445
		V016	1,2-Dichloroethane	< 6		ug/kg	12/15/96	1461445
		V017	1,1-Dichloroethene	< 6		ug/kg	12/15/96	1461445
		V018	1,2-Dichloropropane	< 6		ug/kg	12/15/96	1461445
		V019	cis-1,3-Dichloropropene	< 6		ug/kg	12/15/96	1461445
		V020	Trans-1,3-Dichloropropene	< 6		ug/kg	12/15/96	1461445
		V021	Ethylbenzene	< 6		ug/kg	12/15/96	1461445
		V022	Bromomethane(MethylBromide)	< 11		ug/kg	12/15/96	1461445
		V023	Chloromethane (Methyl Chloride)	< 11		ug/kg	12/15/96	1461445
		V024	Methylene Chloride	< 6		ug/kg	12/15/96	1461445
		V025	1,1,2,2-Tetrachloroethane	< 6		ug/kg	12/15/96	1461445
		V026	Tetrachloroethene (PCE)	< 6		ug/kg	12/15/96	1461445
		V027	Toluene	< 6		ug/kg	12/15/96	1461445
		V029	1,1,1-Trichloroethane	13		ug/kg	12/15/96	1461445
		V030	1,1,2-Trichloroethane	< 6		ug/kg	12/15/96	1461445
		V031	Trichloroethene (TCE)	< 6		ug/kg	12/15/96	1461445
		V033	Styrene	< 6		ug/kg	12/15/96	1461445
		V034	Vinyl Chloride	< 11		ug/kg	12/15/96	1461445
		V039	Xylenes, Total	< 6		ug/kg	12/15/96	1461445
		V040	Acetone	8	JB	ug/kg	12/15/96	1461445
		V041	2-Butanone (MEK)	1	J	ug/kg	12/15/96	1461445
		V042	Carbon Disulfide	< 6		ug/kg	12/15/96	1461445
		V043	2-Hexanone	< 11		ug/kg	12/15/96	1461445
		V044	4-Methyl-2-Pentanone (MIBK)	< 11		ug/kg	12/15/96	1461445

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TABLE 2-12
Surface Soil Analytical Results
Supplemental Phase II Investigations
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Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
G1-DRMB								
			Volatile Organics					
		V045	Vinyl Acetate	< 11		ug/kg	12/15/96	1461445
		V075	1,2-Dichloroethene(total)	< 6		ug/kg	12/15/96	1461445
		V155	2,4,4-Trimethyl-1-pentene	< 6		ug/kg	12/15/96	1461445
		V253	2,4,4-Trimethyl-2-Pentene	< 6		ug/kg	12/15/96	1461445
G2-DRMB								
			Volatile Organics					
		V003	Benzene	< 7		ug/kg	12/15/96	1461446
		V005	Bromoform	< 7		ug/kg	12/15/96	1461446
		V006	Carbon Tetrachloride	< 7		ug/kg	12/15/96	1461446
		V007	Chlorobenzene	< 7		ug/kg	12/15/96	1461446
		V008	Dibromochloromethane	< 7		ug/kg	12/15/96	1461446
		V009	Bromodichloromethane	< 7		ug/kg	12/15/96	1461446
		V010	Chloroethane	< 14		ug/kg	12/15/96	1461446
		V012	Chloroform	< 7		ug/kg	12/15/96	1461446
		V015	1,1-Dichloroethane	< 7		ug/kg	12/15/96	1461446
		V016	1,2-Dichloroethane	< 7		ug/kg	12/15/96	1461446
		V017	1,1-Dichloroethene	< 7		ug/kg	12/15/96	1461446
		V018	1,2-Dichloropropane	< 7		ug/kg	12/15/96	1461446
		V019	cis-1,3-Dichloropropene	< 7		ug/kg	12/15/96	1461446
		V020	Trans-1,3-Dichloropropene	< 7		ug/kg	12/15/96	1461446
		V021	Ethylbenzene	< 7		ug/kg	12/15/96	1461446
		V022	Bromomethane(MethylBromide)	< 14		ug/kg	12/15/96	1461446
		V023	Chloromethane (Methyl Chloride)	< 14		ug/kg	12/15/96	1461446
		V024	Methylene Chloride	< 7		ug/kg	12/15/96	1[illegible]6
		V025	1,1,2,2-Tetrachloroethane	< 7		ug/kg	12/15/96	1[illegible]6
		V026	Tetrachloroethene (PCE)	< 7		ug/kg	12/15/96	14[illegible]6
		V027	Toluene	< 7		ug/kg	12/15/96	1461446
		V029	1,1,1-Trichloroethane	16		ug/kg	12/15/96	1461446
		V030	1,1,2-Trichloroethane	< 7		ug/kg	12/15/96	1461446
		V031	Trichloroethene (TCE)	< 7		ug/kg	12/15/96	1461446
		V033	Styrene	< 7		ug/kg	12/15/96	1461446
		V034	Vinyl Chloride	< 14		ug/kg	12/15/96	1461446
		V039	Xylenes, Total	< 7		ug/kg	12/15/96	1461446
		V040	Acetone	22	B	ug/kg	12/15/96	1461446
		V041	2-Butanone (MEK)	4	J	ug/kg	12/15/96	1461446
		V042	Carbon Disulfide	< 7		ug/kg	12/15/96	1461446
		V043	2-Hexanone	< 14		ug/kg	12/15/96	1461446
		V044	4-Methyl-2-Pentanone (MIBK)	< 14		ug/kg	12/15/96	1461446
		V045	Vinyl Acetate	< 14		ug/kg	12/15/96	1461446
		V075	1,2-Dichloroethene(total)	< 7		ug/kg	12/15/96	1461446
		V155	2,4,4-Trimethyl-1-pentene	0.8	J	ug/kg	12/15/96	1461446
		V253	2,4,4-Trimethyl-2-Pentene	< 7		ug/kg	12/15/96	1461446
G3-DRMB								
			Volatile Organics					
		V003	Benzene	< 5		ug/kg	12/15/96	1461447
		V005	Bromoform	< 5		ug/kg	12/15/96	1461447
		V006	Carbon Tetrachloride	< 5		ug/kg	12/15/96	1461447
		V007	Chlorobenzene	< 5		ug/kg	12/15/96	1461447
		V008	Dibromochloromethane	< 5		ug/kg	12/15/96	1461447
		V009	Bromodichloromethane	< 5		ug/kg	12/15/96	1461447
		V010	Chloroethane	< 11		ug/kg	12/15/96	1461447
		V012	Chloroform	< 5		ug/kg	12/15/96	1461447
		V015	1,1-Dichloroethane	< 5		ug/kg	12/15/96	1461447
		V016	1,2-Dichloroethane	< 5		ug/kg	12/15/96	1461447
		V017	1,1-Dichloroethene	< 5		ug/kg	12/15/96	1461447
		V018	1,2-Dichloropropane	< 5		ug/kg	12/15/96	1461447
		V019	cis-1,3-Dichloropropene	< 5		ug/kg	12/15/96	1461447

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Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
G3-DRMB								
			Volatile Organics					
		V020	Trans-1,3-Dichloropropene	< 5		ug/kg	12/15/96	1461447
		V021	Ethylbenzene	< 5		ug/kg	12/15/96	1461447
		V022	Bromomethane(MethylBromide)	< 11		ug/kg	12/15/96	1461447
		V023	Chloromethane (Methyl Chloride)	< 11		ug/kg	12/15/96	1461447
		V024	Methylene Chloride	< 5		ug/kg	12/15/96	1461447
		V025	1,1,2,2-Tetrachloroethane	< 5		ug/kg	12/15/96	1461447
		V026	Tetrachloroethene (PCE)	< 5		ug/kg	12/15/96	1461447
		V027	Toluene	0.7	J	ug/kg	12/15/96	1461447
		V029	1,1,1-Trichloroethane	10		ug/kg	12/15/96	1461447
		V030	1,1,2-Trichloroethane	< 5		ug/kg	12/15/96	1461447
		V031	Trichloroethene (TCE)	< 5		ug/kg	12/15/96	1461447
		V033	Styrene	< 5		ug/kg	12/15/96	1461447
		V034	Vinyl Chloride	< 11		ug/kg	12/15/96	1461447
		V039	Xylenes, Total	< 5		ug/kg	12/15/96	1461447
		V040	Acetone	9	JB	ug/kg	12/15/96	1461447
		V041	2-Butanone (MEK)	< 11		ug/kg	12/15/96	1461447
		V042	Carbon Disulfide	< 5		ug/kg	12/15/96	1461447
		V043	2-Hexanone	< 11		ug/kg	12/15/96	1461447
		V044	4-Methyl-2-Pentanone (MIBK)	< 11		ug/kg	12/15/96	1461447
		V045	Vinyl Acetate	< 11		ug/kg	12/15/96	1461447
		V075	1,2-Dichloroethene(total)	< 5		ug/kg	12/15/96	1461447
		V155	2,4,4-Trimethyl-1-pentene	< 5		ug/kg	12/15/96	1461447
		V253	2,4,4-Trimethyl-2-Pentene	< 5		ug/kg	12/15/96	1461447
G4-DRMB								
			Volatile Organics					
		V003	Benzene	< 5		ug/kg	12/15/96	1461448
		V005	Bromoform	< 5		ug/kg	12/15/96	1461448
		V006	Carbon Tetrachloride	< 5		ug/kg	12/15/96	1461448
		V007	Chlorobenzene	< 5		ug/kg	12/15/96	1461448
		V008	Dibromochloromethane	< 5		ug/kg	12/15/96	1461448
		V009	Bromodichloromethane	< 5		ug/kg	12/15/96	1461448
		V010	Chloroethane	< 11		ug/kg	12/15/96	1461448
		V012	Chloroform	< 5		ug/kg	12/15/96	1461448
		V015	1,1-Dichloroethane	< 5		ug/kg	12/15/96	1461448
		V016	1,2-Dichloroethane	< 5		ug/kg	12/15/96	1461448
		V017	1,1-Dichloroethene	< 5		ug/kg	12/15/96	1461448
		V018	1,2-Dichloropropane	< 5		ug/kg	12/15/96	1461448
		V019	cis-1,3-Dichloropropene	< 5		ug/kg	12/15/96	1461448
		V020	Trans-1,3-Dichloropropene	< 5		ug/kg	12/15/96	1461448
		V021	Ethylbenzene	< 5		ug/kg	12/15/96	1461448
		V022	Bromomethane(MethylBromide)	< 11		ug/kg	12/15/96	1461448
		V023	Chloromethane (Methyl Chloride)	< 11		ug/kg	12/15/96	1461448
		V024	Methylene Chloride	< 5		ug/kg	12/15/96	1461448
		V025	1,1,2,2-Tetrachloroethane	< 5		ug/kg	12/15/96	1461448
		V026	Tetrachloroethene (PCE)	< 5		ug/kg	12/15/96	1461448
		V027	Toluene	< 5		ug/kg	12/15/96	1461448
		V029	1,1,1-Trichloroethane	8		ug/kg	12/15/96	1461448
		V030	1,1,2-Trichloroethane	< 5		ug/kg	12/15/96	1461448
		V031	Trichloroethene (TCE)	< 5		ug/kg	12/15/96	1461448
		V033	Styrene	< 5		ug/kg	12/15/96	1461448
		V034	Vinyl Chloride	< 11		ug/kg	12/15/96	1461448
		V039	Xylenes, Total	< 5		ug/kg	12/15/96	1461448
		V040	Acetone	10	JB	ug/kg	12/15/96	1461448
		V041	2-Butanone (MEK)	< 11		ug/kg	12/15/96	1461448
		V042	Carbon Disulfide	< 5		ug/kg	12/15/96	1461448
		V043	2-Hexanone	< 11		ug/kg	12/15/96	1461448
		V044	4-Methyl-2-Pentanone (MIBK)	< 11		ug/kg	12/15/96	1461448
		V045	Vinyl Acetate	< 11		ug/kg	12/15/96	1461448

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Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
G4-DRMB								
			Volatile Organics					
		V075	1,2-Dichloroethene(total)	< 5		ug/kg	12/15/96	1461448
		V155	2,4,4-Trimethyl-1-pentene	4	J	ug/kg	12/15/96	1461448
		V253	2,4,4-Trimethyl-2-Pentene	1	J	ug/kg	12/15/96	1461448
GA1-DRMA								
			Volatile Organics					
		V003	Benzene	< 5		ug/kg	12/15/96	1461450
		V005	Bromoform	< 5		ug/kg	12/15/96	1461450
		V006	Carbon Tetrachloride	< 5		ug/kg	12/15/96	1461450
		V007	Chlorobenzene	< 5		ug/kg	12/15/96	1461450
		V008	Dibromochloromethane	< 5		ug/kg	12/15/96	1461450
		V009	Bromodichloromethane	< 5		ug/kg	12/15/96	1461450
		V010	Chloroethane	< 11		ug/kg	12/15/96	1461450
		V012	Chloroform	< 5		ug/kg	12/15/96	1461450
		V015	1,1-Dichloroethane	< 5		ug/kg	12/15/96	1461450
		V016	1,2-Dichloroethane	< 5		ug/kg	12/15/96	1461450
		V017	1,1-Dichloroethene	< 5		ug/kg	12/15/96	1461450
		V018	1,2-Dichloropropane	< 5		ug/kg	12/15/96	1461450
		V019	cis-1,3-Dichloropropene	< 5		ug/kg	12/15/96	1461450
		V020	Trans-1,3-Dichloropropene	< 5		ug/kg	12/15/96	1461450
		V021	Ethylbenzene	< 5		ug/kg	12/15/96	1461450
		V022	Bromomethane(MethylBromide)	< 11		ug/kg	12/15/96	1461450
		V023	Chloromethane (Methyl Chloride)	< 11		ug/kg	12/15/96	1461450
		V024	Methylene Chloride	< 5		ug/kg	12/15/96	1461450
		V025	1,1,2,2-Tetrachloroethane	< 5		ug/kg	12/15/96	14[illegible]50
		V026	Tetrachloroethene (PCE)	< 5		ug/kg	12/15/96	1[illegible]0
		V027	Toluene	< 5		ug/kg	12/15/96	14[illegible]0
		V029	1,1,1-Trichloroethane	2	J	ug/kg	12/15/96	1461450
		V030	1,1,2-Trichloroethane	< 5		ug/kg	12/15/96	1461450
		V031	Trichloroethene (TCE)	< 5		ug/kg	12/15/96	1461450
		V033	Styrene	< 5		ug/kg	12/15/96	1461450
		V034	Vinyl Chloride	< 11		ug/kg	12/15/96	1461450
		V039	Xylenes, Total	< 5		ug/kg	12/15/96	1461450
		V040	Acetone	6	JB	ug/kg	12/15/96	1461450
		V041	2-Butanone (MEK)	< 11		ug/kg	12/15/96	1461450
		V042	Carbon Disulfide	< 5		ug/kg	12/15/96	1461450
		V043	2-Hexanone	< 11		ug/kg	12/15/96	1461450
		V044	4-Methyl-2-Pentanone (MIBK)	< 11		ug/kg	12/15/96	1461450
		V045	Vinyl Acetate	< 11		ug/kg	12/15/96	1461450
		V075	1,2-Dichloroethene(total)	< 5		ug/kg	12/15/96	1461450
		V155	2,4,4-Trimethyl-1-pentene	< 5		ug/kg	12/15/96	1461450
		V253	2,4,4-Trimethyl-2-Pentene	< 5		ug/kg	12/15/96	1461450
GA2-DRMA								
			Volatile Organics					
		V003	Benzene	< 5		ug/kg	12/15/96	1461451
		V005	Bromoform	< 5		ug/kg	12/15/96	1461451
		V006	Carbon Tetrachloride	< 5		ug/kg	12/15/96	1461451
		V007	Chlorobenzene	< 5		ug/kg	12/15/96	1461451
		V008	Dibromochloromethane	< 5		ug/kg	12/15/96	1461451
		V009	Bromodichloromethane	< 5		ug/kg	12/15/96	1461451
		V010	Chloroethane	< 11		ug/kg	12/15/96	1461451
		V012	Chloroform	< 5		ug/kg	12/15/96	1461451
		V015	1,1-Dichloroethane	< 5		ug/kg	12/15/96	1461451
		V016	1,2-Dichloroethane	< 5		ug/kg	12/15/96	1461451
		V017	1,1-Dichloroethene	< 5		ug/kg	12/15/96	1461451
		V018	1,2-Dichloropropane	< 5		ug/kg	12/15/96	1461451
		V019	cis-1,3-Dichloropropene	< 5		ug/kg	12/15/96	1461451
		V020	Trans-1,3-Dichloropropene	< 5		ug/kg	12/15/96	1461451

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TABLE 2-12
Surface Soil Analytical Results
Supplemental Phase II Investigations
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
GA2-DRMA								
			Volatile Organics					
		V021	Ethylbenzene	< 5		ug/kg	12/15/96	1461451
		V022	Bromomethane(MethylBromide)	< 11		ug/kg	12/15/96	1461451
		V023	Chloromethane (Methyl Chloride)	< 11		ug/kg	12/15/96	1461451
		V024	Methylene Chloride	< 5		ug/kg	12/15/96	1461451
		V025	1,1,2,2-Tetrachloroethane	< 5		ug/kg	12/15/96	1461451
		V026	Tetrachloroethene (PCE)	< 5		ug/kg	12/15/96	1461451
		V027	Toluene	< 5		ug/kg	12/15/96	1461451
		V029	1,1,1-Trichloroethane	< 5		ug/kg	12/15/96	1461451
		V030	1,1,2-Trichloroethane	< 5		ug/kg	12/15/96	1461451
		V031	Trichloroethene (TCE)	< 5		ug/kg	12/15/96	1461451
		V033	Styrene	< 5		ug/kg	12/15/96	1461451
		V034	Vinyl Chloride	< 11		ug/kg	12/15/96	1461451
		V039	Xylenes, Total	< 5		ug/kg	12/15/96	1461451
		V040	Acetone	7	JB	ug/kg	12/15/96	1461451
		V041	2-Butanone (MEK)	< 11		ug/kg	12/15/96	1461451
		V042	Carbon Disulfide	< 5		ug/kg	12/15/96	1461451
		V043	2-Hexanone	< 11		ug/kg	12/15/96	1461451
		V044	4-Methyl-2-Pentanone (MIBK)	< 11		ug/kg	12/15/96	1461451
		V045	Vinyl Acetate	< 11		ug/kg	12/15/96	1461451
		V075	1,2-Dichloroethene(total)	< 5		ug/kg	12/15/96	1461451
		V155	2,4,4-Trimethyl-1-pentene	< 5		ug/kg	12/15/96	1461451
		V253	2,4,4-Trimethyl-2-Pentene	< 5		ug/kg	12/15/96	1461451
GA3-DRMA								
			Volatile Organics					
		V003	Benzene	< 5		ug/kg	12/15/96	1461452
		V005	Bromoform	< 5		ug/kg	12/15/96	1461452
		V006	Carbon Tetrachloride	< 5		ug/kg	12/15/96	1461452
		V007	Chlorobenzene	< 5		ug/kg	12/15/96	1461452
		V008	Dibromochloromethane	< 5		ug/kg	12/15/96	1461452
		V009	Bromodichloromethane	< 5		ug/kg	12/15/96	1461452
		V010	Chloroethane	< 11		ug/kg	12/15/96	1461452
		V012	Chloroform	< 5		ug/kg	12/15/96	1461452
		V015	1,1-Dichloroethane	< 5		ug/kg	12/15/96	1461452
		V016	1,2-Dichloroethane	< 5		ug/kg	12/15/96	1461452
		V017	1,1-Dichloroethene	< 5		ug/kg	12/15/96	1461452
		V018	1,2-Dichloropropane	< 5		ug/kg	12/15/96	1461452
		V019	cis-1,3-Dichloropropene	< 5		ug/kg	12/15/96	1461452
		V020	Trans-1,3-Dichloropropene	< 5		ug/kg	12/15/96	1461452
		V021	Ethylbenzene	< 5		ug/kg	12/15/96	1461452
		V022	Bromomethane(MethylBromide)	< 11		ug/kg	12/15/96	1461452
		V023	Chloromethane (Methyl Chloride)	< 11		ug/kg	12/15/96	1461452
		V024	Methylene Chloride	< 5		ug/kg	12/15/96	1461452
		V025	1,1,2,2-Tetrachloroethane	< 5		ug/kg	12/15/96	1461452
		V026	Tetrachloroethene (PCE)	< 5		ug/kg	12/15/96	1461452
		V027	Toluene	< 5		ug/kg	12/15/96	1461452
		V029	1,1,1-Trichloroethane	< 5		ug/kg	12/15/96	1461452
		V030	1,1,2-Trichloroethane	< 5		ug/kg	12/15/96	1461452
		V031	Trichloroethene (TCE)	< 5		ug/kg	12/15/96	1461452
		V033	Styrene	< 5		ug/kg	12/15/96	1461452
		V034	Vinyl Chloride	< 11		ug/kg	12/15/96	1461452
		V039	Xylenes, Total	< 5		ug/kg	12/15/96	1461452
		V040	Acetone	10	JB	ug/kg	12/15/96	1461452
		V041	2-Butanone (MEK)	< 11		ug/kg	12/15/96	1461452
		V042	Carbon Disulfide	< 5		ug/kg	12/15/96	1461452
		V043	2-Hexanone	< 11		ug/kg	12/15/96	1461452
		V044	4-Methyl-2-Pentanone (MIBK)	< 11		ug/kg	12/15/96	1461452
		V045	Vinyl Acetate	< 11		ug/kg	12/15/96	1461452
		V075	1,2-Dichloroethene(total)	< 5		ug/kg	12/15/96	1461452

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TABLE 2-12
Surface Soil Analytical Results
Supplemental Phase II Investigations
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
GA3-DRMA								
			Volatile Organics					
		V155	2,4,4-Trimethyl-1-pentene	< 5		ug/kg	12/15/96	1461452
		V253	2,4,4-Trimethyl-2-Pentene	< 5		ug/kg	12/15/96	1461452
GA4-DRMA								
			Volatile Organics					
		V003	Benzene	< 6		ug/kg	12/15/96	1461453
		V005	Bromoform	< 6		ug/kg	12/15/96	1461453
		V006	Carbon Tetrachloride	< 6		ug/kg	12/15/96	1461453
		V007	Chlorobenzene	< 6		ug/kg	12/15/96	1461453
		V008	Dibromochloromethane	< 6		ug/kg	12/15/96	1461453
		V009	Bromodichloromethane	< 6		ug/kg	12/15/96	1461453
		V010	Chloroethane	< 11		ug/kg	12/15/96	1461453
		V012	Chloroform	< 6		ug/kg	12/15/96	1461453
		V015	1,1-Dichloroethane	< 6		ug/kg	12/15/96	1461453
		V016	1,2-Dichloroethane	< 6		ug/kg	12/15/96	1461453
		V017	1,1-Dichloroethene	< 6		ug/kg	12/15/96	1461453
		V018	1,2-Dichloropropane	< 6		ug/kg	12/15/96	1461453
		V019	cis-1,3-Dichloropropene	< 6		ug/kg	12/15/96	1461453
		V020	Trans-1,3-Dichloropropene	< 6		ug/kg	12/15/96	1461453
		V021	Ethylbenzene	< 6		ug/kg	12/15/96	1461453
		V022	Bromomethane(MethylBromide)	< 11		ug/kg	12/15/96	1461453
		V023	Chloromethane (Methyl Chloride)	< 11		ug/kg	12/15/96	1461453
		V024	Methylene Chloride	< 6		ug/kg	12/15/96	1461453
		V025	1,1,2,2-Tetrachloroethane	< 6		ug/kg	12/15/96	1461453
		V026	Tetrachloroethene (PCE)	< 6		ug/kg	12/15/96	14[illegible]53
		V027	Toluene	< 6		ug/kg	12/15/96	1[illegible]3
		V029	1,1,1-Trichloroethane	8		ug/kg	12/15/96	14[illegible]53
		V030	1,1,2-Trichloroethane	< 6		ug/kg	12/15/96	1461453
		V031	Trichloroethene (TCE)	< 6		ug/kg	12/15/96	1461453
		V033	Styrene	< 6		ug/kg	12/15/96	1461453
		V034	Vinyl Chloride	< 11		ug/kg	12/15/96	1461453
		V039	Xylenes, Total	< 6		ug/kg	12/15/96	1461453
		V040	Acetone	21	B	ug/kg	12/15/96	1461453
		V041	2-Butanone (MEK)	< 11		ug/kg	12/15/96	1461453
		V042	Carbon Disulfide	< 6		ug/kg	12/15/96	1461453
		V043	2-Hexanone	< 11		ug/kg	12/15/96	1461453
		V044	4-Methyl-2-Pentanone (MIBK)	< 11		ug/kg	12/15/96	1461453
		V045	Vinyl Acetate	< 11		ug/kg	12/15/96	1461453
		V075	1,2-Dichloroethene(total)	< 6		ug/kg	12/15/96	1461453
		V155	2,4,4-Trimethyl-1-pentene	< 6		ug/kg	12/15/96	1461453
		V253	2,4,4-Trimethyl-2-Pentene	< 6		ug/kg	12/15/96	1461453
GB1-DRMA								
			Volatile Organics					
		V003	Benzene	< 5		ug/kg	12/15/96	1461455
		V005	Bromoform	< 5		ug/kg	12/15/96	1461455
		V006	Carbon Tetrachloride	< 5		ug/kg	12/15/96	1461455
		V007	Chlorobenzene	< 5		ug/kg	12/15/96	1461455
		V008	Dibromochloromethane	< 5		ug/kg	12/15/96	1461455
		V009	Bromodichloromethane	< 5		ug/kg	12/15/96	1461455
		V010	Chloroethane	< 11		ug/kg	12/15/96	1461455
		V012	Chloroform	< 5		ug/kg	12/15/96	1461455
		V015	1,1-Dichloroethane	< 5		ug/kg	12/15/96	1461455
		V016	1,2-Dichloroethane	< 5		ug/kg	12/15/96	1461455
		V017	1,1-Dichloroethene	< 5		ug/kg	12/15/96	1461455
		V018	1,2-Dichloropropane	< 5		ug/kg	12/15/96	1461455
		V019	cis-1,3-Dichloropropene	< 5		ug/kg	12/15/96	1461455
		V020	Trans-1,3-Dichloropropene	< 5		ug/kg	12/15/96	1461455
		V021	Ethylbenzene	< 5		ug/kg	12/15/96	1461455

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TABLE 2-12
Surface Soil Analytical Results
Supplemental Phase II Investigations
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
GB1-DRMA								
			Volatile Organics					
		V022	Bromomethane(MethylBromide)	< 11		ug/kg	12/15/96	1461455
		V023	Chloromethane (Methyl Chloride)	< 11		ug/kg	12/15/96	1461455
		V024	Methylene Chloride	< 5		ug/kg	12/15/96	1461455
		V025	1,1,2,2-Tetrachloroethane	< 5		ug/kg	12/15/96	1461455
		V026	Tetrachloroethene (PCE)	< 5		ug/kg	12/15/96	1461455
		V027	Toluene	< 5		ug/kg	12/15/96	1461455
		V029	1,1,1-Trichloroethane	9		ug/kg	12/15/96	1461455
		V030	1,1,2-Trichloroethane	< 5		ug/kg	12/15/96	1461455
		V031	Trichloroethene (TCE)	< 5		ug/kg	12/15/96	1461455
		V033	Styrene	< 5		ug/kg	12/15/96	1461455
		V034	Vinyl Chloride	< 11		ug/kg	12/15/96	1461455
		V039	Xylenes, Total	< 5		ug/kg	12/15/96	1461455
		V040	Acetone	10	JB	ug/kg	12/15/96	1461455
		V041	2-Butanone (MEK)	< 11		ug/kg	12/15/96	1461455
		V042	Carbon Disulfide	< 5		ug/kg	12/15/96	1461455
		V043	2-Hexanone	< 11		ug/kg	12/15/96	1461455
		V044	4-Methyl-2-Pentanone (MIBK)	< 11		ug/kg	12/15/96	1461455
		V045	Vinyl Acetate	< 11		ug/kg	12/15/96	1461455
		V075	1,2-Dichloroethene(total)	< 5		ug/kg	12/15/96	1461455
		V155	2,4,4-Trimethyl-1-pentene	< 5		ug/kg	12/15/96	1461455
		V253	2,4,4-Trimethyl-2-Pentene	< 5		ug/kg	12/15/96	1461455
GB2-DRMA								
			Volatile Organics					
		V003	Benzene	< 5		ug/kg	12/15/96	1461456
		V005	Bromoform	< 5		ug/kg	12/15/96	1461456
		V006	Carbon Tetrachloride	< 5		ug/kg	12/15/96	1461456
		V007	Chlorobenzene	< 5		ug/kg	12/15/96	1461456
		V008	Dibromochloromethane	< 5		ug/kg	12/15/96	1461456
		V009	Bromodichloromethane	< 5		ug/kg	12/15/96	1461456
		V010	Chloroethane	< 10		ug/kg	12/15/96	1461456
		V012	Chloroform	< 5		ug/kg	12/15/96	1461456
		V015	1,1-Dichloroethane	< 5		ug/kg	12/15/96	1461456
		V016	1,2-Dichloroethane	< 5		ug/kg	12/15/96	1461456
		V017	1,1-Dichloroethene	< 5		ug/kg	12/15/96	1461456
		V018	1,2-Dichloropropane	< 5		ug/kg	12/15/96	1461456
		V019	cis-1,3-Dichloropropene	< 5		ug/kg	12/15/96	1461456
		V020	Trans-1,3-Dichloropropene	< 5		ug/kg	12/15/96	1461456
		V021	Ethylbenzene	< 5		ug/kg	12/15/96	1461456
		V022	Bromomethane(MethylBromide)	< 10		ug/kg	12/15/96	1461456
		V023	Chloromethane (Methyl Chloride)	< 10		ug/kg	12/15/96	1461456
		V024	Methylene Chloride	< 5		ug/kg	12/15/96	1461456
		V025	1,1,2,2-Tetrachloroethane	< 5		ug/kg	12/15/96	1461456
		V026	Tetrachloroethene (PCE)	< 5		ug/kg	12/15/96	1461456
		V027	Toluene	< 5		ug/kg	12/15/96	1461456
		V029	1,1,1-Trichloroethane	< 5		ug/kg	12/15/96	1461456
		V030	1,1,2-Trichloroethane	< 5		ug/kg	12/15/96	1461456
		V031	Trichloroethene (TCE)	< 5		ug/kg	12/15/96	1461456
		V033	Styrene	< 5		ug/kg	12/15/96	1461456
		V034	Vinyl Chloride	< 10		ug/kg	12/15/96	1461456
		V039	Xylenes, Total	< 5		ug/kg	12/15/96	1461456
		V040	Acetone	10	B	ug/kg	12/15/96	1461456
		V041	2-Butanone (MEK)	< 10		ug/kg	12/15/96	1461456
		V042	Carbon Disulfide	< 5		ug/kg	12/15/96	1461456
		V043	2-Hexanone	< 10		ug/kg	12/15/96	1461456
		V044	4-Methyl-2-Pentanone (MIBK)	< 10		ug/kg	12/15/96	1461456
		V045	Vinyl Acetate	< 10		ug/kg	12/15/96	1461456
		V075	1,2-Dichloroethene(total)	< 5		ug/kg	12/15/96	1461456
		V155	2,4,4-Trimethyl-1-pentene	< 5		ug/kg	12/15/96	1461456

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TABLE 2-12
Surface Soil Analytical Results
Supplemental Phase II Investigations
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Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
GB2-DRMA								
			Volatile Organics					
		V253	2,4,4-Trimethyl-2-Pentene	< 5		ug/kg	12/15/96	1461456
GB3-DRMA								
			Volatile Organics					
		V003	Benzene	< 6		ug/kg	12/15/96	1461457
		V005	Bromoform	< 6		ug/kg	12/15/96	1461457
		V006	Carbon Tetrachloride	< 6		ug/kg	12/15/96	1461457
		V007	Chlorobenzene	< 6		ug/kg	12/15/96	1461457
		V008	Dibromochloromethane	< 6		ug/kg	12/15/96	1461457
		V009	Bromodichloromethane	< 6		ug/kg	12/15/96	1461457
		V010	Chloroethane	< 12		ug/kg	12/15/96	1461457
		V012	Chloroform	< 6		ug/kg	12/15/96	1461457
		V015	1,1-Dichloroethane	< 6		ug/kg	12/15/96	1461457
		V016	1,2-Dichloroethane	< 6		ug/kg	12/15/96	1461457
		V017	1,1-Dichloroethene	< 6		ug/kg	12/15/96	1461457
		V018	1,2-Dichloropropane	< 6		ug/kg	12/15/96	1461457
		V019	cis-1,3-Dichloropropene	< 6		ug/kg	12/15/96	1461457
		V020	Trans-1,3-Dichloropropene	< 6		ug/kg	12/15/96	1461457
		V021	Ethylbenzene	< 6		ug/kg	12/15/96	1461457
		V022	Bromomethane(MethylBromide)	< 12		ug/kg	12/15/96	1461457
		V023	Chloromethane (Methyl Chloride)	< 12		ug/kg	12/15/96	1461457
		V024	Methylene Chloride	< 6		ug/kg	12/15/96	1461457
		V025	1,1,2,2-Tetrachloroethane	< 6		ug/kg	12/15/96	1461457
		V026	Tetrachloroethene (PCE)	< 6		ug/kg	12/15/96	14[illegible]57
		V027	Toluene	< 6		ug/kg	12/15/96	1[illegible]7
		V029	1,1,1-Trichloroethane	10		ug/kg	12/15/96	1[illegible]7
		V030	1,1,2-Trichloroethane	< 6		ug/kg	12/15/96	1461457
		V031	Trichloroethene (TCE)	< 6		ug/kg	12/15/96	1461457
		V033	Styrene	< 6		ug/kg	12/15/96	1461457
		V034	Vinyl Chloride	< 12		ug/kg	12/15/96	1461457
		V039	Xylenes, Total	< 6		ug/kg	12/15/96	1461457
		V040	Acetone	13	B	ug/kg	12/15/96	1461457
		V041	2-Butanone (MEK)	< 12		ug/kg	12/15/96	1461457
		V042	Carbon Disulfide	< 6		ug/kg	12/15/96	1461457
		V043	2-Hexanone	< 12		ug/kg	12/15/96	1461457
		V044	4-Methyl-2-Pentanone (MIBK)	< 12		ug/kg	12/15/96	1461457
		V045	Vinyl Acetate	< 12		ug/kg	12/15/96	1461457
		V075	1,2-Dichloroethene(total)	< 6		ug/kg	12/15/96	1461457
		V155	2,4,4-Trimethyl-1-pentene	< 6		ug/kg	12/15/96	1461457
		V253	2,4,4-Trimethyl-2-Pentene	< 6		ug/kg	12/15/96	1461457
GB4-DRMA								
			Volatile Organics					
		V003	Benzene	< 6		ug/kg	12/15/96	1461458
		V005	Bromoform	< 6		ug/kg	12/15/96	1461458
		V006	Carbon Tetrachloride	< 6		ug/kg	12/15/96	1461458
		V007	Chlorobenzene	< 6		ug/kg	12/15/96	1461458
		V008	Dibromochloromethane	< 6		ug/kg	12/15/96	1461458
		V009	Bromodichloromethane	< 6		ug/kg	12/15/96	1461458
		V010	Chloroethane	< 12		ug/kg	12/15/96	1461458
		V012	Chloroform	< 6		ug/kg	12/15/96	1461458
		V015	1,1-Dichloroethane	< 6		ug/kg	12/15/96	1461458
		V016	1,2-Dichloroethane	< 6		ug/kg	12/15/96	1461458
		V017	1,1-Dichloroethene	< 6		ug/kg	12/15/96	1461458
		V018	1,2-Dichloropropane	< 6		ug/kg	12/15/96	1461458
		V019	cis-1,3-Dichloropropene	< 6		ug/kg	12/15/96	1461458
		V020	Trans-1,3-Dichloropropene	< 6		ug/kg	12/15/96	1461458
		V021	Ethylbenzene	< 6		ug/kg	12/15/96	1461458
		V022	Bromomethane(MethylBromide)	< 12		ug/kg	12/15/96	1461458

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TABLE 2-12
Surface Soil Analytical Results
Supplemental Phase II Investigations
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
GB4-DRMA								
			Volatile Organics					
		V023	Chloromethane (Methyl Chloride)	< 12		ug/kg	12/15/96	1461458
		V024	Methylene Chloride	< 6		ug/kg	12/15/96	1461458
		V025	1,1,2,2-Tetrachloroethane	< 6		ug/kg	12/15/96	1461458
		V026	Tetrachloroethene (PCE)	< 6		ug/kg	12/15/96	1461458
		V027	Toluene	0.9	J	ug/kg	12/15/96	1461458
		V029	1,1,1-Trichloroethane	18		ug/kg	12/15/96	1461458
		V030	1,1,2-Trichloroethane	< 6		ug/kg	12/15/96	1461458
		V031	Trichloroethene (TCE)	< 6		ug/kg	12/15/96	1461458
		V033	Styrene	< 6		ug/kg	12/15/96	1461458
		V034	Vinyl Chloride	< 12		ug/kg	12/15/96	1461458
		V039	Xylenes, Total	< 6		ug/kg	12/15/96	1461458
		V040	Acetone	19		ug/kg	12/15/96	1461458
		V041	2-Butanone (MEK)	< 12		ug/kg	12/15/96	1461458
		V042	Carbon Disulfide	< 6		ug/kg	12/15/96	1461458
		V043	2-Hexanone	< 12		ug/kg	12/15/96	1461458
		V044	4-Methyl-2-Pentanone (MIBK)	< 12		ug/kg	12/15/96	1461458
		V045	Vinyl Acetate	< 12		ug/kg	12/15/96	1461458
		V075	1,2-Dichloroethene(total)	< 6		ug/kg	12/15/96	1461458
		V155	2,4,4-Trimethyl-1-pentene	< 6		ug/kg	12/15/96	1461458
		V253	2,4,4-Trimethyl-2-Pentene	< 6		ug/kg	12/15/96	1461458
LAKE POLY-1								
			Volatile Organics					
		V003	Benzene	< 5		ug/kg	12/15/96	1461442
		V005	Bromoform	< 5		ug/kg	12/15/96	1461442
		V006	Carbon Tetrachloride	< 5		ug/kg	12/15/96	1461442
		V007	Chlorobenzene	< 5		ug/kg	12/15/96	1461442
		V008	Dibromochloromethane	< 5		ug/kg	12/15/96	1461442
		V009	Bromodichloromethane	< 5		ug/kg	12/15/96	1461442
		V010	Chloroethane	< 11		ug/kg	12/15/96	1461442
		V012	Chloroform	< 5		ug/kg	12/15/96	1461442
		V015	1,1-Dichloroethane	< 5		ug/kg	12/15/96	1461442
		V016	1,2-Dichloroethane	< 5		ug/kg	12/15/96	1461442
		V017	1,1-Dichloroethene	< 5		ug/kg	12/15/96	1461442
		V018	1,2-Dichloropropane	< 5		ug/kg	12/15/96	1461442
		V019	cis-1,3-Dichloropropene	< 5		ug/kg	12/15/96	1461442
		V020	Trans-1,3-Dichloropropene	< 5		ug/kg	12/15/96	1461442
		V021	Ethylbenzene	< 5		ug/kg	12/15/96	1461442
		V022	Bromomethane(MethylBromide)	< 11		ug/kg	12/15/96	1461442
		V023	Chloromethane (Methyl Chloride)	< 11		ug/kg	12/15/96	1461442
		V024	Methylene Chloride	< 5		ug/kg	12/15/96	1461442
		V025	1,1,2,2-Tetrachloroethane	< 5		ug/kg	12/15/96	1461442
		V026	Tetrachloroethene (PCE)	< 5		ug/kg	12/15/96	1461442
		V027	Toluene	< 5		ug/kg	12/15/96	1461442
		V029	1,1,1-Trichloroethane	11		ug/kg	12/15/96	1461442
		V030	1,1,2-Trichloroethane	< 5		ug/kg	12/15/96	1461442
		V031	Trichloroethene (TCE)	< 5		ug/kg	12/15/96	1461442
		V033	Styrene	< 5		ug/kg	12/15/96	1461442
		V034	Vinyl Chloride	< 11		ug/kg	12/15/96	1461442
		V039	Xylenes, Total	< 5		ug/kg	12/15/96	1461442
		V040	Acetone	18		ug/kg	12/15/96	1461442
		V041	2-Butanone (MEK)	< 11		ug/kg	12/15/96	1461442
		V042	Carbon Disulfide	< 5		ug/kg	12/15/96	1461442
		V043	2-Hexanone	< 11		ug/kg	12/15/96	1461442
		V044	4-Methyl-2-Pentanone (MIBK)	< 11		ug/kg	12/15/96	1461442
		V045	Vinyl Acetate	< 11		ug/kg	12/15/96	1461442
		V075	1,2-Dichloroethene(total)	< 5		ug/kg	12/15/96	1461442
		V155	2,4,4-Trimethyl-1-pentene	< 5		ug/kg	12/15/96	1461442
		V253	2,4,4-Trimethyl-2-Pentene	< 5		ug/kg	12/15/96	1461442

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TABLE 2-12
Surface Soil Analytical Results
Supplemental Phase II Investigations
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
LAKE POLY-1								
			Acid Extractable Organics					
		A001	Benzoic Acid	< 180000		ug/kg	12/15/96	1461442
		A002	2-Chlorophenol	< 37000		ug/kg	12/15/96	1461442
		A003	2,4-Dichlorophenol	< 37000		ug/kg	12/15/96	1461442
		A004	2,4-Dimethylphenol	< 37000		ug/kg	12/15/96	1461442
		A006	4,6-Dinitro-2-methylphenol	< 180000		ug/kg	12/15/96	1461442
		A007	2,4-Dinitrophenol	< 180000		ug/kg	12/15/96	1461442
		A008	2-Nitrophenol	< 37000		ug/kg	12/15/96	1461442
		A009	4-Nitrophenol	< 180000		ug/kg	12/15/96	1461442
		A011	Pentachlorophenol	< 180000		ug/kg	12/15/96	1461442
		A012	Phenol	< 37000		ug/kg	12/15/96	1461442
		A013	2,4,6-Trichlorophenol	< 37000		ug/kg	12/15/96	1461442
		A014	2,4,5-Trichlorophenol	< 180000		ug/kg	12/15/96	1461442
		A015	2-Methylphenol (o-Cresol)	< 37000		ug/kg	12/15/96	1461442
		A016	4-Methylphenol(p-Cresol)	< 37000		ug/kg	12/15/96	1461442
		A020	4-Chloro-3-methylphenol	< 37000		ug/kg	12/15/96	1461442
			Base/Neutral Organics					
		B001	Acenaphthene	< 37000		ug/kg	12/15/96	1461442
		B002	Acenaphthylene	< 37000		ug/kg	12/15/96	1461442
		B003	Anthracene	< 37000		ug/kg	12/15/96	1461442
		B005	Benzo(a)anthracene	< 37000		ug/kg	12/15/96	1461442
		B006	Benzo(a)Pyrene	< 37000		ug/kg	12/15/96	1461442
		B007	Benzo(b)fluoranthene	< 37000		ug/kg	12/15/96	1461442
		B008	Benzo(k)fluoranthene	< 37000		ug/kg	12/15/96	1461442
		B010	Benzo(g,h,i)perylene	< 37000		ug/kg	12/15/96	1461442
		B011	bis(2-Chloroethoxy)methane	< 37000		ug/kg	12/15/96	1[illegible]2
		B012	bis(2-Chloroethyl)ether	< 37000		ug/kg	12/15/96	1[illegible]
		B013	bis(2-EthylHexyl)phthalate	5100	JB	ug/kg	12/15/96	14[illegible]42
		B014	4-Bromophenyl-phenylether	< 37000		ug/kg	12/15/96	1461442
		B015	Butylbenzylphthalate	< 37000		ug/kg	12/15/96	1461442
		B016	2-Chloronaphthalene	< 37000		ug/kg	12/15/96	1461442
		B017	4-Chlorophenyl-phenylether	< 37000		ug/kg	12/15/96	1461442
		B018	Chrysene	< 37000		ug/kg	12/15/96	1461442
		B019	Dibenzo(a,h)anthracene	< 37000		ug/kg	12/15/96	1461442
		B020	1,2-Dichlorobenzene	< 37000		ug/kg	12/15/96	1461442
		B021	1,3-Dichlorobenzene	< 37000		ug/kg	12/15/96	1461442
		B022	1,4-Dichlorobenzene	< 37000		ug/kg	12/15/96	1461442
		B023	3,3'-Dichlorobenzidine	< 73000		ug/kg	12/15/96	1461442
		B024	Diethylphthalate	< 37000		ug/kg	12/15/96	1461442
		B025	Dimethylphthalate	< 37000		ug/kg	12/15/96	1461442
		B026	Di-n-butylphthalate	1000	JB	ug/kg	12/15/96	1461442
		B027	2,4-Dinitrotoluene	< 37000		ug/kg	12/15/96	1461442
		B028	2,6-Dinitrotoluene	< 37000		ug/kg	12/15/96	1461442
		B029	Di-n-octylphthalate	< 37000		ug/kg	12/15/96	1461442
		B031	Fluoranthene	< 37000		ug/kg	12/15/96	1461442
		B032	Fluorene	< 37000		ug/kg	12/15/96	1461442
		B033	Hexachlorobenzene	< 37000		ug/kg	12/15/96	1461442
		B034	Hexachlorobutadiene	< 37000		ug/kg	12/15/96	1461442
		B035	Hexachlorocyclopentadiene	< 37000		ug/kg	12/15/96	1461442
		B036	Hexachloroethane	< 37000		ug/kg	12/15/96	1461442
		B037	Indeno (1,2,3-cd) pyrene	< 37000		ug/kg	12/15/96	1461442
		B038	Isophorone	< 37000		ug/kg	12/15/96	1461442
		B039	Naphthalene	< 37000		ug/kg	12/15/96	1461442
		B040	Nitrobenzene	< 37000		ug/kg	12/15/96	1461442
		B042	N-Nitroso-di-n-propylamine	< 37000		ug/kg	12/15/96	1461442
		B043	N-Nitrosodiphenylamine (1)	210000		ug/kg	12/15/96	1461442
		B044	Phenanthrene	< 37000		ug/kg	12/15/96	1461442
		B045	Pyrene	< 37000		ug/kg	12/15/96	1461442
		B046	1,2,4-Trichlorobenzene	< 37000		ug/kg	12/15/96	1461442
		B051	Benzyl Alcohol	< 37000		ug/kg	12/15/96	1461442

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Surface Soil Analytical Results
Supplemental Phase II Investigations
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
LAKE POLY-1								
			Base/Neutral Organics					
		B052	4-Chloroaniline	< 37000		ug/kg	12/15/96	1461442
		B053	Dibenzofuran	< 37000		ug/kg	12/15/96	1461442
		B054	2-Methylnaphthalene	< 37000		ug/kg	12/15/96	1461442
		B055	2-Nitroaniline	< 180000		ug/kg	12/15/96	1461442
		B056	3-Nitroaniline	< 180000		ug/kg	12/15/96	1461442
		B057	4-Nitroaniline	< 180000		ug/kg	12/15/96	1461442
		B058	bis(2-Chloroisopropyl)ether	< 37000		ug/kg	12/15/96	1461442
			Pesticides, PCB's, and Herbicides					
		P001	Aldrin	< 9.4		ug/kg	12/15/96	1461442
		P002	Alpha-BHC	< 9.4		ug/kg	12/15/96	1461442
		P003	Beta-BHC	< 9.4		ug/kg	12/15/96	1461442
		P004	Delta-BHC	< 9.4		ug/kg	12/15/96	1461442
		P005	Gamma-BHC (Lindane)	< 9.4		ug/kg	12/15/96	1461442
		P006	4,4'-DDT	< 18		ug/kg	12/15/96	1461442
		P007	4,4'-DDE	< 18		ug/kg	12/15/96	1461442
		P008	4,4'-DDD	< 18		ug/kg	12/15/96	1461442
		P009	Dieldrin	< 18		ug/kg	12/15/96	1461442
		P010	Endosulfan I	< 9.4		ug/kg	12/15/96	1461442
		P011	Endosulfan II	< 18		ug/kg	12/15/96	1461442
		P012	Endosulfan Sulfate	< 18		ug/kg	12/15/96	1461442
		P013	Endrin	< 18		ug/kg	12/15/96	1461442
		P014	Endrin Aldehyde	< 18		ug/kg	12/15/96	1461442
		P015	Endrin Ketone	< 18		ug/kg	12/15/96	1461442
		P016	Heptachlor	< 9.4		ug/kg	12/15/96	1461442
		P017	Heptachlor Epoxide	< 9.4		ug/kg	12/15/96	1461442
		P018	Methoxychlor	< 94		ug/kg	12/15/96	1461442
		P020	Toxaphene	< 180		ug/kg	12/15/96	1461442
		P047	Alpha-Chlordane	< 9.4		ug/kg	12/15/96	1461442
		P048	Gamma-Chlordane	< 9.4		ug/kg	12/15/96	1461442
			Metals					
		M001	Aluminum	4840		mg/kg	12/15/96	1461442
		M002	Antimony	1.0	N	mg/kg	12/15/96	1461442
		M003	Arsenic	4.1		mg/kg	12/15/96	1461442
		M004	Barium	12.9	B	mg/kg	12/15/96	1461442
		M005	Beryllium	0.25	B	mg/kg	12/15/96	1461442
		M006	Cadmium	< 0.18		mg/kg	12/15/96	1461442
		M007	Calcium	518	B	mg/kg	12/15/96	1461442
		M008	Chromium	203	*N	mg/kg	12/15/96	1461442
		M009	Cobalt	2.5	B	mg/kg	12/15/96	1461442
		M010	Copper	6.8		mg/kg	12/15/96	1461442
		M011	Iron	5950		mg/kg	12/15/96	1461442
		M012	Lead	15.0		mg/kg	12/15/96	1461442
		M013	Magnesium	1230		mg/kg	12/15/96	1461442
		M014	Manganese	57.4		mg/kg	12/15/96	1461442
		M015	Mercury	0.14		mg/kg	12/15/96	1461442
		M016	Nickel	6.1	B	mg/kg	12/15/96	1461442
		M017	Potassium	344	B	mg/kg	12/15/96	1461442
		M018	Selenium	0.88	N	mg/kg	12/15/96	1461442
		M019	Silver	< 0.18		mg/kg	12/15/96	1461442
		M020	Sodium	114	B	mg/kg	12/15/96	1461442
		M021	Thallium	1.6	B	mg/kg	12/15/96	1461442
		M023	Vanadium	9.0		mg/kg	12/15/96	1461442
		M024	Zinc	35.1	E	mg/kg	12/15/96	1461442
			Inorganic Non-metals					
		I009	Nitrogen, Ammonia	66.6		mg/kg	12/15/96	1461442
		I018	Sulfate as SO4	< 110		mg/kg	12/15/96	1461442

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Surface Soil Analytical Results
Supplemental Phase II Investigations
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Sample Location	Sample ID		Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
LAKE POLY-2									
				Volatile Organics					
			V003	Benzene	< 5		ug/kg	12/15/96	1461443
	DUP OF	1461443	V003	Benzene	< 5		ug/kg	12/15/96	1461494
			V005	Bromoform	< 5		ug/kg	12/15/96	1461443
	DUP OF	1461443	V005	Bromoform	< 5		ug/kg	12/15/96	1461494
			V006	Carbon Tetrachloride	< 5		ug/kg	12/15/96	1461443
	DUP OF	1461443	V006	Carbon Tetrachloride	< 5		ug/kg	12/15/96	1461494
			V007	Chlorobenzene	< 5		ug/kg	12/15/96	1461443
	DUP OF	1461443	V007	Chlorobenzene	< 5		ug/kg	12/15/96	1461494
			V008	Dibromochloromethane	< 5		ug/kg	12/15/96	1461443
	DUP OF	1461443	V008	Dibromochloromethane	< 5		ug/kg	12/15/96	1461494
			V009	Bromodichloromethane	< 5		ug/kg	12/15/96	1461443
	DUP OF	1461443	V009	Bromodichloromethane	< 5		ug/kg	12/15/96	1461494
			V010	Chloroethane	< 11		ug/kg	12/15/96	1461443
	DUP OF	1461443	V010	Chloroethane	< 11		ug/kg	12/15/96	1461494
			V012	Chloroform	< 5		ug/kg	12/15/96	1461443
	DUP OF	1461443	V012	Chloroform	< 5		ug/kg	12/15/96	1461494
			V015	1,1-Dichloroethane	< 5		ug/kg	12/15/96	1461443
	DUP OF	1461443	V015	1,1-Dichloroethane	< 5		ug/kg	12/15/96	1461494
			V016	1,2-Dichloroethane	< 5		ug/kg	12/15/96	1461443
	DUP OF	1461443	V016	1,2-Dichloroethane	< 5		ug/kg	12/15/96	1461494
			V017	1,1-Dichloroethene	< 5		ug/kg	12/15/96	1461443
	DUP OF	1461443	V017	1,1-Dichloroethene	< 5		ug/kg	12/15/96	1461494
			V018	1,2-Dichloropropane	< 5		ug/kg	12/15/96	1461443
	DUP OF	1461443	V018	1,2-Dichloropropane	< 5		ug/kg	12/15/96	1461494
			V019	cis-1,3-Dichloropropene	< 5		ug/kg	12/15/96	1[illegible]3
	DUP OF	1461443	V019	cis-1,3-Dichloropropene	< 5		ug/kg	12/15/96	1[illegible]4
			V020	Trans-1,3-Dichloropropene	< 5		ug/kg	12/15/96	14[illegible]43
	DUP OF	1461443	V020	Trans-1,3-Dichloropropene	< 5		ug/kg	12/15/96	1461494
			V021	Ethylbenzene	< 5		ug/kg	12/15/96	1461443
	DUP OF	1461443	V021	Ethylbenzene	< 5		ug/kg	12/15/96	1461494
			V022	Bromomethane(MethylBromide)	< 11		ug/kg	12/15/96	1461443
	DUP OF	1461443	V022	Bromomethane(MethylBromide)	< 11		ug/kg	12/15/96	1461494
			V023	Chloromethane (Methyl Chloride)	< 11		ug/kg	12/15/96	1461443
	DUP OF	1461443	V023	Chloromethane (Methyl Chloride)	< 11		ug/kg	12/15/96	1461494
			V024	Methylene Chloride	< 5		ug/kg	12/15/96	1461443
	DUP OF	1461443	V024	Methylene Chloride	< 5		ug/kg	12/15/96	1461494
			V025	1,1,2,2-Tetrachloroethane	< 5		ug/kg	12/15/96	1461443
	DUP OF	1461443	V025	1,1,2,2-Tetrachloroethane	< 5		ug/kg	12/15/96	1461494
			V026	Tetrachloroethene (PCE)	< 5		ug/kg	12/15/96	1461443
	DUP OF	1461443	V026	Tetrachloroethene (PCE)	< 5		ug/kg	12/15/96	1461494
			V027	Toluene	0.9	J	ug/kg	12/15/96	1461443
	DUP OF	1461443	V027	Toluene	< 5		ug/kg	12/15/96	1461494
			V029	1,1,1-Trichloroethane	9		ug/kg	12/15/96	1461443
	DUP OF	1461443	V029	1,1,1-Trichloroethane	< 5		ug/kg	12/15/96	1461494
			V030	1,1,2-Trichloroethane	< 5		ug/kg	12/15/96	1461443
	DUP OF	1461443	V030	1,1,2-Trichloroethane	< 5		ug/kg	12/15/96	1461494
			V031	Trichloroethene (TCE)	< 5		ug/kg	12/15/96	1461443
	DUP OF	1461443	V031	Trichloroethene (TCE)	< 5		ug/kg	12/15/96	1461494
			V033	Styrene	< 5		ug/kg	12/15/96	1461443
	DUP OF	1461443	V033	Styrene	< 5		ug/kg	12/15/96	1461494
			V034	Vinyl Chloride	< 11		ug/kg	12/15/96	1461443
	DUP OF	1461443	V034	Vinyl Chloride	< 11		ug/kg	12/15/96	1461494
			V039	Xylenes, Total	< 5		ug/kg	12/15/96	1461443
	DUP OF	1461443	V039	Xylenes, Total	< 5		ug/kg	12/15/96	1461494
			V040	Acetone	31	B	ug/kg	12/15/96	1461443
	DUP OF	1461443	V040	Acetone	8	J	ug/kg	12/15/96	1461494
			V041	2-Butanone (MEK)	< 11		ug/kg	12/15/96	1461443
	DUP OF	1461443	V041	2-Butanone (MEK)	< 11		ug/kg	12/15/96	1461494
			V042	Carbon Disulfide	< 5		ug/kg	12/15/96	1461443

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Surface Soil Analytical Results
Supplemental Phase II Investigations
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID		Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
LAKE POLY-2									
				Volatile Organics					
	DUP OF	1461443	V042	Carbon Disulfide	< 5		ug/kg	12/15/96	1461494
			V043	2-Hexanone	< 11		ug/kg	12/15/96	1461443
	DUP OF	1461443	V043	2-Hexanone	< 11		ug/kg	12/15/96	1461494
			V044	4-Methyl-2-Pentanone (MIBK)	< 11		ug/kg	12/15/96	1461443
	DUP OF	1461443	V044	4-Methyl-2-Pentanone (MIBK)	< 11		ug/kg	12/15/96	1461494
			V045	Vinyl Acetate	< 11		ug/kg	12/15/96	1461443
	DUP OF	1461443	V045	Vinyl Acetate	< 11		ug/kg	12/15/96	1461494
			V075	1,2-Dichloroethene(total)	< 5		ug/kg	12/15/96	1461443
	DUP OF	1461443	V075	1,2-Dichloroethene(total)	< 5		ug/kg	12/15/96	1461494
			V155	2,4,4-Trimethyl-1-pentene	< 5		ug/kg	12/15/96	1461443
	DUP OF	1461443	V155	2,4,4-Trimethyl-1-pentene	< 5		ug/kg	12/15/96	1461494
			V253	2,4,4-Trimethyl-2-Pentene	< 5		ug/kg	12/15/96	1461443
	DUP OF	1461443	V253	2,4,4-Trimethyl-2-Pentene	< 5		ug/kg	12/15/96	1461494
				Acid Extractable Organics					
			A001	Benzoic Acid	130	J	ug/kg	12/15/96	1461443
	DUP OF	1461443	A001	Benzoic Acid	62	J	ug/kg	12/15/96	1461494
			A002	2-Chlorophenol	< 390		ug/kg	12/15/96	1461443
	DUP OF	1461443	A002	2-Chlorophenol	< 350		ug/kg	12/15/96	1461494
			A003	2,4-Dichlorophenol	< 390		ug/kg	12/15/96	1461443
	DUP OF	1461443	A003	2,4-Dichlorophenol	< 350		ug/kg	12/15/96	1461494
			A004	2,4-Dimethylphenol	< 390		ug/kg	12/15/96	1461443
	DUP OF	1461443	A004	2,4-Dimethylphenol	< 350		ug/kg	12/15/96	1461494
			A006	4,6-Dinitro-2-methylphenol	< 1900		ug/kg	12/15/96	1461443
	DUP OF	1461443	A006	4,6-Dinitro-2-methylphenol	< 1700		ug/kg	12/15/96	1461494
			A007	2,4-Dinitrophenol	< 1900		ug/kg	12/15/96	1461443
	DUP OF	1461443	A007	2,4-Dinitrophenol	< 1700		ug/kg	12/15/96	1461494
			A008	2-Nitrophenol	< 390		ug/kg	12/15/96	1461443
	DUP OF	1461443	A008	2-Nitrophenol	< 350		ug/kg	12/15/96	1461494
			A009	4-Nitrophenol	< 1900		ug/kg	12/15/96	1461443
	DUP OF	1461443	A009	4-Nitrophenol	< 1700		ug/kg	12/15/96	1461494
			A011	Pentachlorophenol	< 1900		ug/kg	12/15/96	1461443
	DUP OF	1461443	A011	Pentachlorophenol	< 1700		ug/kg	12/15/96	1461494
			A012	Phenol	< 390		ug/kg	12/15/96	1461443
	DUP OF	1461443	A012	Phenol	< 350		ug/kg	12/15/96	1461494
			A013	2,4,6-Trichlorophenol	< 390		ug/kg	12/15/96	1461443
	DUP OF	1461443	A013	2,4,6-Trichlorophenol	< 350		ug/kg	12/15/96	1461494
			A014	2,4,5-Trichlorophenol	< 1900		ug/kg	12/15/96	1461443
	DUP OF	1461443	A014	2,4,5-Trichlorophenol	< 1700		ug/kg	12/15/96	1461494
			A015	2-Methylphenol (o-Cresol)	< 390		ug/kg	12/15/96	1461443
	DUP OF	1461443	A015	2-Methylphenol (o-Cresol)	< 350		ug/kg	12/15/96	1461494
			A016	4-Methylphenol(p-Cresol)	< 390		ug/kg	12/15/96	1461443
	DUP OF	1461443	A016	4-Methylphenol(p-Cresol)	< 350		ug/kg	12/15/96	1461494
			A020	4-Chloro-3-methylphenol	< 390		ug/kg	12/15/96	1461443
	DUP OF	1461443	A020	4-Chloro-3-methylphenol	< 350		ug/kg	12/15/96	1461494
				Base/Neutral Organics					
			B001	Acenaphthene	< 390		ug/kg	12/15/96	1461443
	DUP OF	1461443	B001	Acenaphthene	< 350		ug/kg	12/15/96	1461494
			B002	Acenaphthylene	27	J	ug/kg	12/15/96	1461443
	DUP OF	1461443	B002	Acenaphthylene	< 350		ug/kg	12/15/96	1461494
			B003	Anthracene	41	J	ug/kg	12/15/96	1461443
	DUP OF	1461443	B003	Anthracene	3	J	ug/kg	12/15/96	1461494
			B005	Benzo(a)anthracene	130	J	ug/kg	12/15/96	1461443
	DUP OF	1461443	B005	Benzo(a)anthracene	10	J	ug/kg	12/15/96	1461494
			B006	Benzo(a)Pyrene	< 390		ug/kg	12/15/96	1461443
	DUP OF	1461443	B006	Benzo(a)Pyrene	< 350		ug/kg	12/15/96	1461494
			B007	Benzo(b)fluoranthene	200	J	ug/kg	12/15/96	1461443
	DUP OF	1461443	B007	Benzo(b)fluoranthene	14	J	ug/kg	12/15/96	1461494
			B008	Benzo(k)fluoranthene	170	J	ug/kg	12/15/96	1461443
	DUP OF	1461443	B008	Benzo(k)fluoranthene	15	J	ug/kg	12/15/96	1461494

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Surface Soil Analytical Results
Supplemental Phase II Investigations
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Sample Location	Sample ID		Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
LAKE POLY-2									
				Base/Neutral Organics					
			B010	Benzo(g,h,i)perylene	< 390		ug/kg	12/15/96	1461443
	DUP OF	1461443	B010	Benzo(g,h,i)perylene	< 350		ug/kg	12/15/96	1461494
			B011	bis(2-Chloroethoxy)methane	< 390		ug/kg	12/15/96	1461443
	DUP OF	1461443	B011	bis(2-Chloroethoxy)methane	< 350		ug/kg	12/15/96	1461494
			B012	bis(2-Chloroethyl)ether	< 390		ug/kg	12/15/96	1461443
	DUP OF	1461443	B012	bis(2-Chloroethyl)ether	< 350		ug/kg	12/15/96	1461494
			B013	bis(2-EthylHexyl)phthalate	650	B	ug/kg	12/15/96	1461443
	DUP OF	1461443	B013	bis(2-EthylHexyl)phthalate	28	JB	ug/kg	12/15/96	1461494
			B014	4-Bromophenyl-phenylether	< 390		ug/kg	12/15/96	1461443
	DUP OF	1461443	B014	4-Bromophenyl-phenylether	< 350		ug/kg	12/15/96	1461494
			B015	Butylbenzylphthalate	29	J	ug/kg	12/15/96	1461443
	DUP OF	1461443	B015	Butylbenzylphthalate	< 350		ug/kg	12/15/96	1461494
			B016	2-Chloronaphthalene	< 390		ug/kg	12/15/96	1461443
	DUP OF	1461443	B016	2-Chloronaphthalene	< 350		ug/kg	12/15/96	1461494
			B017	4-Chlorophenyl-phenylether	< 390		ug/kg	12/15/96	1461443
	DUP OF	1461443	B017	4-Chlorophenyl-phenylether	< 350		ug/kg	12/15/96	1461494
			B018	Chrysene	160	J	ug/kg	12/15/96	1461443
	DUP OF	1461443	B018	Chrysene	16	J	ug/kg	12/15/96	1461494
			B019	Dibenzo(a,h)anthracene	< 390		ug/kg	12/15/96	1461443
	DUP OF	1461443	B019	Dibenzo(a,h)anthracene	< 350		ug/kg	12/15/96	1461494
			B020	1,2-Dichlorobenzene	< 390		ug/kg	12/15/96	1461443
	DUP OF	1461443	B020	1,2-Dichlorobenzene	< 350		ug/kg	12/15/96	1461494
			B021	1,3-Dichlorobenzene	< 390		ug/kg	12/15/96	1461443
	DUP OF	1461443	B021	1,3-Dichlorobenzene	< 350		ug/kg	12/15/96	1461494
			B022	1,4-Dichlorobenzene	< 390		ug/kg	12/15/96	1[illegible]43
	DUP OF	1461443	B022	1,4-Dichlorobenzene	< 350		ug/kg	12/15/96	1[illegible]4
			B023	3,3'-Dichlorobenzidine	< 780		ug/kg	12/15/96	1[illegible]43
	DUP OF	1461443	B023	3,3'-Dichlorobenzidine	< 700		ug/kg	12/15/96	1461494
			B024	Diethylphthalate	19	J	ug/kg	12/15/96	1461443
	DUP OF	1461443	B024	Diethylphthalate	30	JB	ug/kg	12/15/96	1461494
			B025	Dimethylphthalate	< 390		ug/kg	12/15/96	1461443
	DUP OF	1461443	B025	Dimethylphthalate	< 350		ug/kg	12/15/96	1461494
			B026	Di-n-butylphthalate	49	JB	ug/kg	12/15/96	1461443
	DUP OF	1461443	B026	Di-n-butylphthalate	40	JB	ug/kg	12/15/96	1461494
			B027	2,4-Dinitrotoluene	< 390		ug/kg	12/15/96	1461443
	DUP OF	1461443	B027	2,4-Dinitrotoluene	< 350		ug/kg	12/15/96	1461494
			B028	2,6-Dinitrotoluene	< 390		ug/kg	12/15/96	1461443
	DUP OF	1461443	B028	2,6-Dinitrotoluene	< 350		ug/kg	12/15/96	1461494
			B029	Di-n-octylphthalate	< 390		ug/kg	12/15/96	1461443
	DUP OF	1461443	B029	Di-n-octylphthalate	22	J	ug/kg	12/15/96	1461494
			B031	Fluoranthene	300	J	ug/kg	12/15/96	1461443
	DUP OF	1461443	B031	Fluoranthene	26	J	ug/kg	12/15/96	1461494
			B032	Fluorene	20	J	ug/kg	12/15/96	1461443
	DUP OF	1461443	B032	Fluorene	< 350		ug/kg	12/15/96	1461494
			B033	Hexachlorobenzene	< 390		ug/kg	12/15/96	1461443
	DUP OF	1461443	B033	Hexachlorobenzene	< 350		ug/kg	12/15/96	1461494
			B034	Hexachlorobutadiene	< 390		ug/kg	12/15/96	1461443
	DUP OF	1461443	B034	Hexachlorobutadiene	< 350		ug/kg	12/15/96	1461494
			B035	Hexachlorocyclopentadiene	< 390		ug/kg	12/15/96	1461443
	DUP OF	1461443	B035	Hexachlorocyclopentadiene	< 350		ug/kg	12/15/96	1461494
			B036	Hexachloroethane	< 390		ug/kg	12/15/96	1461443
	DUP OF	1461443	B036	Hexachloroethane	< 350		ug/kg	12/15/96	1461494
			B037	Indeno (1,2,3-cd) pyrene	< 390		ug/kg	12/15/96	1461443
	DUP OF	1461443	B037	Indeno (1,2,3-cd) pyrene	< 350		ug/kg	12/15/96	1461494
			B038	Isophorone	< 390		ug/kg	12/15/96	1461443
	DUP OF	1461443	B038	Isophorone	< 350		ug/kg	12/15/96	1461494
			B039	Naphthalene	13	J	ug/kg	12/15/96	1461443
	DUP OF	1461443	B039	Naphthalene	< 350		ug/kg	12/15/96	1461494
			B040	Nitrobenzene	< 390		ug/kg	12/15/96	1461443

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Sample Location	Sample ID		Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
LAKE POLY-2									
				Base/Neutral Organics					
	DUP OF	1461443	B040	Nitrobenzene	< 350		ug/kg	12/15/96	1461494
			B042	N-Nitroso-di-n-propylamine	< 390		ug/kg	12/15/96	1461443
	DUP OF	1461443	B042	N-Nitroso-di-n-propylamine	< 350		ug/kg	12/15/96	1461494
			B043	N-Nitrosodiphenylamine (1)	97	J	ug/kg	12/15/96	1461443
	DUP OF	1461443	B043	N-Nitrosodiphenylamine (1)	< 350		ug/kg	12/15/96	1461494
			B044	Phenanthrene	240	J	ug/kg	12/15/96	1461443
	DUP OF	1461443	B044	Phenanthrene	16	J	ug/kg	12/15/96	1461494
			B045	Pyrene	300	J	ug/kg	12/15/96	1461443
	DUP OF	1461443	B045	Pyrene	22	J	ug/kg	12/15/96	1461494
			B046	1,2,4-Trichlorobenzene	< 390		ug/kg	12/15/96	1461443
	DUP OF	1461443	B046	1,2,4-Trichlorobenzene	< 350		ug/kg	12/15/96	1461494
			B051	Benzyl Alcohol	< 390		ug/kg	12/15/96	1461443
	DUP OF	1461443	B051	Benzyl Alcohol	< 350		ug/kg	12/15/96	1461494
			B052	4-Chloroaniline	< 390		ug/kg	12/15/96	1461443
	DUP OF	1461443	B052	4-Chloroaniline	< 350		ug/kg	12/15/96	1461494
			B053	Dibenzofuran	16	J	ug/kg	12/15/96	1461443
	DUP OF	1461443	B053	Dibenzofuran	< 350		ug/kg	12/15/96	1461494
			B054	2-Methylnaphthalene	< 390		ug/kg	12/15/96	1461443
	DUP OF	1461443	B054	2-Methylnaphthalene	< 350		ug/kg	12/15/96	1461494
			B055	2-Nitroaniline	< 1900		ug/kg	12/15/96	1461443
	DUP OF	1461443	B055	2-Nitroaniline	< 1700		ug/kg	12/15/96	1461494
			B056	3-Nitroaniline	< 1900		ug/kg	12/15/96	1461443
	DUP OF	1461443	B056	3-Nitroaniline	< 1700		ug/kg	12/15/96	1461494
			B057	4-Nitroaniline	< 1900		ug/kg	12/15/96	1461443
	DUP OF	1461443	B057	4-Nitroaniline	< 1700		ug/kg	12/15/96	1461494
			B058	bis(2-Chloroisopropyl)ether	< 390		ug/kg	12/15/96	1461443
	DUP OF	1461443	B058	bis(2-Chloroisopropyl)ether	< 350		ug/kg	12/15/96	1461494
				Pesticides, PCB's, and Herbicides					
			P001	Aldrin	< 1.9		ug/kg	12/15/96	1461443
	DUP OF	1461443	P001	Aldrin	< 1.8		ug/kg	12/15/96	1461494
			P002	Alpha-BHC	< 1.9		ug/kg	12/15/96	1461443
	DUP OF	1461443	P002	Alpha-BHC	< 1.8		ug/kg	12/15/96	1461494
			P003	Beta-BHC	< 1.9		ug/kg	12/15/96	1461443
	DUP OF	1461443	P003	Beta-BHC	< 1.8		ug/kg	12/15/96	1461494
			P004	Delta-BHC	< 1.9		ug/kg	12/15/96	1461443
	DUP OF	1461443	P004	Delta-BHC	< 1.8		ug/kg	12/15/96	1461494
			P005	Gamma-BHC (Lindane)	< 1.9		ug/kg	12/15/96	1461443
	DUP OF	1461443	P005	Gamma-BHC (Lindane)	0.085	J	ug/kg	12/15/96	1461494
			P006	4,4'-DDT	15		ug/kg	12/15/96	1461443
	DUP OF	1461443	P006	4,4'-DDT	2.6	J	ug/kg	12/15/96	1461494
			P007	4,4'-DDE	1.8	J	ug/kg	12/15/96	1461443
	DUP OF	1461443	P007	4,4'-DDE	0.21	J	ug/kg	12/15/96	1461494
			P008	4,4'-DDD	1.2	J	ug/kg	12/15/96	1461443
	DUP OF	1461443	P008	4,4'-DDD	0.15	J	ug/kg	12/15/96	1461494
			P009	Dieldrin	< 3.8		ug/kg	12/15/96	1461443
	DUP OF	1461443	P009	Dieldrin	< 3.5		ug/kg	12/15/96	1461494
			P010	Endosulfan I	< 1.9		ug/kg	12/15/96	1461443
	DUP OF	1461443	P010	Endosulfan I	< 1.8		ug/kg	12/15/96	1461494
			P011	Endosulfan II	< 3.8		ug/kg	12/15/96	1461443
	DUP OF	1461443	P011	Endosulfan II	< 3.5		ug/kg	12/15/96	1461494
			P012	Endosulfan Sulfate	< 3.8		ug/kg	12/15/96	1461443
	DUP OF	1461443	P012	Endosulfan Sulfate	< 3.5		ug/kg	12/15/96	1461494
			P013	Endrin	0.40	J	ug/kg	12/15/96	1461443
	DUP OF	1461443	P013	Endrin	< 3.5		ug/kg	12/15/96	1461494
			P014	Endrin Aldehyde	< 3.8		ug/kg	12/15/96	1461443
	DUP OF	1461443	P014	Endrin Aldehyde	< 3.5		ug/kg	12/15/96	1461494
			P015	Endrin Ketone	< 3.8		ug/kg	12/15/96	1461443
	DUP OF	1461443	P015	Endrin Ketone	< 3.5		ug/kg	12/15/96	1461494
			P016	Heptachlor	< 1.9		ug/kg	12/15/96	1461443

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Sample Location	Sample ID		Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
LAKE POLY-2									
				Pesticides, PCB's, and Herbicides					
	DUP OF	1461443	P016	Heptachlor	< 1.8		ug/kg	12/15/96	1461494
			P017	Heptachlor Epoxide	< 1.9		ug/kg	12/15/96	1461443
	DUP OF	1461443	P017	Heptachlor Epoxide	< 1.8		ug/kg	12/15/96	1461494
			P018	Methoxychlor	< 19		ug/kg	12/15/96	1461443
	DUP OF	1461443	P018	Methoxychlor	< 18		ug/kg	12/15/96	1461494
			P020	Toxaphene	< 38		ug/kg	12/15/96	1461443
	DUP OF	1461443	P020	Toxaphene	< 35		ug/kg	12/15/96	1461494
			P047	Alpha-Chlordane	3.4		ug/kg	12/15/96	1461443
	DUP OF	1461443	P047	Alpha-Chlordane	< 1.8		ug/kg	12/15/96	1461494
			P048	Gamma-Chlordane	1.2	J	ug/kg	12/15/96	1461443
	DUP OF	1461443	P048	Gamma-Chlordane	< 1.8		ug/kg	12/15/96	1461494
				Metals					
			M001	Aluminum	5040		mg/kg	12/15/96	1461443
	DUP OF	1461443	M001	Aluminum	2730	E	mg/kg	12/15/96	1461494
			M002	Antimony	1.2	N	mg/kg	12/15/96	1461443
	DUP OF	1461443	M002	Antimony	< 1.1		mg/kg	12/15/96	1461494
			M003	Arsenic	4.6		mg/kg	12/15/96	1461443
	DUP OF	1461443	M003	Arsenic	3.8		mg/kg	12/15/96	1461494
			M004	Barium	18.8	B	mg/kg	12/15/96	1461443
	DUP OF	1461443	M004	Barium	5.8	B	mg/kg	12/15/96	1461494
			M005	Beryllium	0.26	B	mg/kg	12/15/96	1461443
	DUP OF	1461443	M005	Beryllium	< 0.19		mg/kg	12/15/96	1461494
			M006	Cadmium	< 0.20		mg/kg	12/15/96	1461443
	DUP OF	1461443	M006	Cadmium	< 0.19		mg/kg	12/15/96	1461494
			M007	Calcium	762.	B	mg/kg	12/15/96	[illegible]
	DUP OF	1461443	M007	Calcium	231	B	mg/kg	12/15/96	[illegible]
			M008	Chromium	54.8	*N	mg/kg	12/15/96	[illegible]
	DUP OF	1461443	M008	Chromium	23.3	E	mg/kg	12/15/96	1461494
			M009	Cobalt	3.0	B	mg/kg	12/15/96	1461443
	DUP OF	1461443	M009	Cobalt	0.90	B	mg/kg	12/15/96	1461494
			M010	Copper	20.0		mg/kg	12/15/96	1461443
	DUP OF	1461443	M010	Copper	2.7	B	mg/kg	12/15/96	1461494
			M011	Iron	6670		mg/kg	12/15/96	1461443
	DUP OF	1461443	M011	Iron	2950	E	mg/kg	12/15/96	1461494
			M012	Lead	183		mg/kg	12/15/96	1461443
	DUP OF	1461443	M012	Lead	4.3		mg/kg	12/15/96	1461494
			M013	Magnesium	1450		mg/kg	12/15/96	1461443
	DUP OF	1461443	M013	Magnesium	587	BE	mg/kg	12/15/96	1461494
			M014	Manganese	90.9		mg/kg	12/15/96	1461443
	DUP OF	1461443	M014	Manganese	30.1	E	mg/kg	12/15/96	1461494
			M015	Mercury	0.14		mg/kg	12/15/96	1461443
	DUP OF	1461443	M015	Mercury	0.11	N	mg/kg	12/15/96	1461494
			M016	Nickel	7.7	B	mg/kg	12/15/96	1461443
	DUP OF	1461443	M016	Nickel	3.1	B	mg/kg	12/15/96	1461494
			M017	Potassium	380	B	mg/kg	12/15/96	1461443
	DUP OF	1461443	M017	Potassium	212	B	mg/kg	12/15/96	1461494
			M018	Selenium	1.0	N	mg/kg	12/15/96	1461443
	DUP OF	1461443	M018	Selenium	0.95	N	mg/kg	12/15/96	1461494
			M019	Silver	< 0.20		mg/kg	12/15/96	1461443
	DUP OF	1461443	M019	Silver	< 0.19		mg/kg	12/15/96	1461494
			M020	Sodium	102	B	mg/kg	12/15/96	1461443
	DUP OF	1461443	M020	Sodium	52.8	B	mg/kg	12/15/96	1461494
			M021	Thallium	2.2		mg/kg	12/15/96	1461443
	DUP OF	1461443	M021	Thallium	1.5	N	mg/kg	12/15/96	1461494
			M023	Vanadium	10.9		mg/kg	12/15/96	1461443
	DUP OF	1461443	M023	Vanadium	5.5	B	mg/kg	12/15/96	1461494
			M024	Zinc	75.5	E	mg/kg	12/15/96	1461443
	DUP OF	1461443	M024	Zinc	11.7		mg/kg	12/15/96	1461494

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Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
LAKE POLY-2								
			Inorganic Non-metals					
		I009	Nitrogen, Ammonia	25.8		mg/kg	12/15/96	1461443
	DUP OF 1461443	I009	Nitrogen, Ammonia	21.8		mg/kg	12/15/96	1461494
		I018	Sulfate as SO4	< 110		mg/kg	12/15/96	1461443
	DUP OF 1461443	I018	Sulfate as SO4	< 110		mg/kg	12/15/96	1461494
LAKE POLY-3								
			Volatile Organics					
		V003	Benzene	1	J	ug/kg	12/15/96	1461444
		V005	Bromoform	< 5		ug/kg	12/15/96	1461444
		V006	Carbon Tetrachloride	< 5		ug/kg	12/15/96	1461444
		V007	Chlorobenzene	< 5		ug/kg	12/15/96	1461444
		V008	Dibromochloromethane	< 5		ug/kg	12/15/96	1461444
		V009	Bromodichloromethane	< 5		ug/kg	12/15/96	1461444
		V010	Chloroethane	< 11		ug/kg	12/15/96	1461444
		V012	Chloroform	< 5		ug/kg	12/15/96	1461444
		V015	1,1-Dichloroethane	1	J	ug/kg	12/15/96	1461444
		V016	1,2-Dichloroethane	1	J	ug/kg	12/15/96	1461444
		V017	1,1-Dichloroethene	< 5		ug/kg	12/15/96	1461444
		V018	1,2-Dichloropropane	< 5		ug/kg	12/15/96	1461444
		V019	cis-1,3-Dichloropropene	< 5		ug/kg	12/15/96	1461444
		V020	Trans-1,3-Dichloropropene	< 5		ug/kg	12/15/96	1461444
		V021	Ethylbenzene	< 5		ug/kg	12/15/96	1461444
		V022	Bromomethane(MethylBromide)	< 11		ug/kg	12/15/96	1461444
		V023	Chloromethane (Methyl Chloride)	< 11		ug/kg	12/15/96	1461444
		V024	Methylene Chloride	2	J	ug/kg	12/15/96	1461444
		V025	1,1,2,2-Tetrachloroethane	< 5		ug/kg	12/15/96	1461444
		V026	Tetrachloroethene (PCE)	< 5		ug/kg	12/15/96	1461444
		V027	Toluene	1	J	ug/kg	12/15/96	1461444
		V029	1,1,1-Trichloroethane	3	J	ug/kg	12/15/96	1461444
		V030	1,1,2-Trichloroethane	< 5		ug/kg	12/15/96	1461444
		V031	Trichloroethene (TCE)	< 5		ug/kg	12/15/96	1461444
		V033	Styrene	1	J	ug/kg	12/15/96	1461444
		V034	Vinyl Chloride	< 11		ug/kg	12/15/96	1461444
		V039	Xylenes, Total	2	J	ug/kg	12/15/96	1461444
		V040	Acetone	26	B	ug/kg	12/15/96	1461444
		V041	2-Butanone (MEK)	4	J	ug/kg	12/15/96	1461444
		V042	Carbon Disulfide	< 5		ug/kg	12/15/96	1461444
		V043	2-Hexanone	< 11		ug/kg	12/15/96	1461444
		V044	4-Methyl-2-Pentanone (MIBK)	< 11		ug/kg	12/15/96	1461444
		V045	Vinyl Acetate	< 11		ug/kg	12/15/96	1461444
		V075	1,2-Dichloroethene(total)	< 5		ug/kg	12/15/96	1461444
		V155	2,4,4-Trimethyl-1-pentene	< 5		ug/kg	12/15/96	1461444
		V253	2,4,4-Trimethyl-2-Pentene	< 5		ug/kg	12/15/96	1461444
			Acid Extractable Organics					
		A001	Benzoic Acid	< 1700		ug/kg	12/15/96	1461444
		A002	2-Chlorophenol	< 350		ug/kg	12/15/96	1461444
		A003	2,4-Dichlorophenol	< 350		ug/kg	12/15/96	1461444
		A004	2,4-Dimethylphenol	< 350		ug/kg	12/15/96	1461444
		A006	4,6-Dinitro-2-methylphenol	< 1700		ug/kg	12/15/96	1461444
		A007	2,4-Dinitrophenol	< 1700		ug/kg	12/15/96	1461444
		A008	2-Nitrophenol	< 350		ug/kg	12/15/96	1461444
		A009	4-Nitrophenol	< 1700		ug/kg	12/15/96	1461444
		A011	Pentachlorophenol	< 1700		ug/kg	12/15/96	1461444
		A012	Phenol	< 350		ug/kg	12/15/96	1461444
		A013	2,4,6-Trichlorophenol	< 350		ug/kg	12/15/96	1461444
		A014	2,4,5-Trichlorophenol	< 1700		ug/kg	12/15/96	1461444
		A015	2-Methylphenol (o-Cresol)	< 350		ug/kg	12/15/96	1461444
		A016	4-Methylphenol(p-Cresol)	< 350		ug/kg	12/15/96	1461444
		A020	4-Chloro-3-methylphenol	< 350		ug/kg	12/15/96	1461444

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Surface Soil Analytical Results
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Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
LAKE POLY-3								
			Base/Neutral Organics					
		B001	Acenaphthene	< 350		ug/kg	12/15/96	1461444
		B002	Acenaphthylene	< 350		ug/kg	12/15/96	1461444
		B003	Anthracene	< 350		ug/kg	12/15/96	1461444
		B005	Benzo(a)anthracene	8	J	ug/kg	12/15/96	1461444
		B006	Benzo(a)Pyrene	< 350		ug/kg	12/15/96	1461444
		B007	Benzo(b)fluoranthene	13	J	ug/kg	12/15/96	1461444
		B008	Benzo(k)fluoranthene	19	J	ug/kg	12/15/96	1461444
		B010	Benzo(g,h,i)perylene	< 350		ug/kg	12/15/96	1461444
		B011	bis(2-Chloroethoxy)methane	< 350		ug/kg	12/15/96	1461444
		B012	bis(2-Chloroethyl)ether	< 350		ug/kg	12/15/96	1461444
		B013	bis(2-EthylHexyl)phthalate	180	JB	ug/kg	12/15/96	1461444
		B014	4-Bromophenyl-phenylether	< 350		ug/kg	12/15/96	1461444
		B015	Butylbenzylphthalate	< 350		ug/kg	12/15/96	1461444
		B016	2-Chloronaphthalene	< 350		ug/kg	12/15/96	1461444
		B017	4-Chlorophenyl-phenylether	< 350		ug/kg	12/15/96	1461444
		B018	Chrysene	16	J	ug/kg	12/15/96	1461444
		B019	Dibenzo(a,h)anthracene	< 350		ug/kg	12/15/96	1461444
		B020	1,2-Dichlorobenzene	< 350		ug/kg	12/15/96	1461444
		B021	1,3-Dichlorobenzene	< 350		ug/kg	12/15/96	1461444
		B022	1,4-Dichlorobenzene	< 350		ug/kg	12/15/96	1461444
		B023	3,3'-Dichlorobenzidine	< 710		ug/kg	12/15/96	1461444
		B024	Diethylphthalate	< 350		ug/kg	12/15/96	1461444
		B025	Dimethylphthalate	< 350		ug/kg	12/15/96	1461444
		B026	Di-n-butylphthalate	9	JB	ug/kg	12/15/96	1461444
		B027	2,4-Dinitrotoluene	< 350		ug/kg	12/15/96	1[illegible]
		B028	2,6-Dinitrotoluene	< 350		ug/kg	12/15/96	1[illegible]
		B029	Di-n-octylphthalate	< 350		ug/kg	12/15/96	1461444
		B031	Fluoranthene	22	J	ug/kg	12/15/96	1461444
		B032	Fluorene	< 350		ug/kg	12/15/96	1461444
		B033	Hexachlorobenzene	< 350		ug/kg	12/15/96	1461444
		B034	Hexachlorobutadiene	< 350		ug/kg	12/15/96	1461444
		B035	Hexachlorocyclopentadiene	< 350		ug/kg	12/15/96	1461444
		B036	Hexachloroethane	< 350		ug/kg	12/15/96	1461444
		B037	Indeno (1,2,3-cd) pyrene	< 350		ug/kg	12/15/96	1461444
		B038	Isophorone	< 350		ug/kg	12/15/96	1461444
		B039	Naphthalene	< 350		ug/kg	12/15/96	1461444
		B040	Nitrobenzene	< 350		ug/kg	12/15/96	1461444
		B042	N-Nitroso-di-n-propylamine	< 350		ug/kg	12/15/96	1461444
		B043	N-Nitrosodiphenylamine (1)	< 350		ug/kg	12/15/96	1461444
		B044	Phenanthrene	< 350		ug/kg	12/15/96	1461444
		B045	Pyrene	17	J	ug/kg	12/15/96	1461444
		B046	1,2,4-Trichlorobenzene	< 350		ug/kg	12/15/96	1461444
		B051	Benzyl Alcohol	< 350		ug/kg	12/15/96	1461444
		B052	4-Chloroaniline	< 350		ug/kg	12/15/96	1461444
		B053	Dibenzofuran	< 350		ug/kg	12/15/96	1461444
		B054	2-Methylnaphthalene	< 350		ug/kg	12/15/96	1461444
		B055	2-Nitroaniline	< 1700		ug/kg	12/15/96	1461444
		B056	3-Nitroaniline	< 1700		ug/kg	12/15/96	1461444
		B057	4-Nitroaniline	< 1700		ug/kg	12/15/96	1461444
		B058	bis(2-Chloroisopropyl)ether	< 350		ug/kg	12/15/96	1461444
			Pesticides, PCB's, and Herbicides					
		P001	Aldrin	< 1.8		ug/kg	12/15/96	1461444
		P002	Alpha-BHC	< 1.8		ug/kg	12/15/96	1461444
		P003	Beta-BHC	< 1.8		ug/kg	12/15/96	1461444
		P004	Delta-BHC	< 1.8		ug/kg	12/15/96	1461444
		P005	Gamma-BHC (Lindane)	0.36	J	ug/kg	12/15/96	1461444
		P006	4,4'-DDT	2.3	J	ug/kg	12/15/96	1461444
		P007	4,4'-DDE	< 3.5		ug/kg	12/15/96	1461444
		P008	4,4'-DDD	< 3.5		ug/kg	12/15/96	1461444

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Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
LAKE POLY-3								
			Pesticides, PCB's, and Herbicides					
		P009	Dieldrin	< 3.5		ug/kg	12/15/96	1461444
		P010	Endosulfan I	< 1.8		ug/kg	12/15/96	1461444
		P011	Endosulfan II	< 3.5		ug/kg	12/15/96	1461444
		P012	Endosulfan Sulfate	< 3.5		ug/kg	12/15/96	1461444
		P013	Endrin	< 3.5		ug/kg	12/15/96	1461444
		P014	Endrin Aldehyde	< 3.5		ug/kg	12/15/96	1461444
		P015	Endrin Ketone	< 3.5		ug/kg	12/15/96	1461444
		P016	Heptachlor	< 1.8		ug/kg	12/15/96	1461444
		P017	Heptachlor Epoxide	< 1.8		ug/kg	12/15/96	1461444
		P018	Methoxychlor	< 18		ug/kg	12/15/96	1461444
		P020	Toxaphene	< 35		ug/kg	12/15/96	1461444
		P047	Alpha-Chlordane	< 1.8		ug/kg	12/15/96	1461444
		P048	Gamma-Chlordane	< 1.8		ug/kg	12/15/96	1461444
			Metals					
		M001	Aluminum	3440		mg/kg	12/15/96	1461444
		M002	Antimony	1.2	N	mg/kg	12/15/96	1461444
		M003	Arsenic	3.9		mg/kg	12/15/96	1461444
		M004	Barium	6.5	B	mg/kg	12/15/96	1461444
		M005	Beryllium	0.20	B	mg/kg	12/15/96	1461444
		M006	Cadmium	< 0.20		mg/kg	12/15/96	1461444
		M007	Calcium	318	B	mg/kg	12/15/96	1461444
		M008	Chromium	28.9	*N	mg/kg	12/15/96	1461444
		M009	Cobalt	1.5	B	mg/kg	12/15/96	1461444
		M010	Copper	3.7	B	mg/kg	12/15/96	1461444
		M011	Iron	5000		mg/kg	12/15/96	1461444
		M012	Lead	4.8		mg/kg	12/15/96	1461444
		M013	Magnesium	874	B	mg/kg	12/15/96	1461444
		M014	Manganese	39.8		mg/kg	12/15/96	1461444
		M015	Mercury	< 0.10		mg/kg	12/15/96	1461444
		M016	Nickel	5.3	B	mg/kg	12/15/96	1461444
		M017	Potassium	251	B	mg/kg	12/15/96	1461444
		M018	Selenium	1.0	N	mg/kg	12/15/96	1461444
		M019	Silver	< 0.20		mg/kg	12/15/96	1461444
		M020	Sodium	107	B	mg/kg	12/15/96	1461444
		M021	Thallium	< 1.6		mg/kg	12/15/96	1461444
		M023	Vanadium	7.2	B	mg/kg	12/15/96	1461444
		M024	Zinc	27.1	E	mg/kg	12/15/96	1461444
			Inorganic Non-metals					
		I009	Nitrogen, Ammonia	42.4		mg/kg	12/15/96	1461444
		I018	Sulfate as SO4	< 110		mg/kg	12/15/96	1461444
SWMU26-1								
			Volatile Organics					
		V003	Benzene	< 6		ug/kg	12/15/96	1461489
		V005	Bromoform	< 6		ug/kg	12/15/96	1461489
		V006	Carbon Tetrachloride	< 6		ug/kg	12/15/96	1461489
		V007	Chlorobenzene	< 6		ug/kg	12/15/96	1461489
		V008	Dibromochloromethane	< 6		ug/kg	12/15/96	1461489
		V009	Bromodichloromethane	< 6		ug/kg	12/15/96	1461489
		V010	Chloroethane	< 12		ug/kg	12/15/96	1461489
		V012	Chloroform	< 6		ug/kg	12/15/96	1461489
		V015	1,1-Dichloroethane	< 6		ug/kg	12/15/96	1461489
		V016	1,2-Dichloroethane	< 6		ug/kg	12/15/96	1461489
		V017	1,1-Dichloroethene	< 6		ug/kg	12/15/96	1461489
		V018	1,2-Dichloropropane	< 6		ug/kg	12/15/96	1461489
		V019	cis-1,3-Dichloropropene	< 6		ug/kg	12/15/96	1461489
		V020	Trans-1,3-Dichloropropene	< 6		ug/kg	12/15/96	1461489
		V021	Ethylbenzene	< 6		ug/kg	12/15/96	1461489
		V022	Bromomethane(MethylBromide)	< 12		ug/kg	12/15/96	1461489

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Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
SWMU26-1								
			Volatile Organics					
		V023	Chloromethane (Methyl Chloride)	< 12		ug/kg	12/15/96	1461489
		V024	Methylene Chloride	< 6		ug/kg	12/15/96	1461489
		V025	1,1,2,2-Tetrachloroethane	< 6		ug/kg	12/15/96	1461489
		V026	Tetrachloroethene (PCE)	< 6		ug/kg	12/15/96	1461489
		V027	Toluene	< 6		ug/kg	12/15/96	1461489
		V029	1,1,1-Trichloroethane	5	J	ug/kg	12/15/96	1461489
		V030	1,1,2-Trichloroethane	< 6		ug/kg	12/15/96	1461489
		V031	Trichloroethene (TCE)	< 6		ug/kg	12/15/96	1461489
		V033	Styrene	< 6		ug/kg	12/15/96	1461489
		V034	Vinyl Chloride	< 12		ug/kg	12/15/96	1461489
		V039	Xylenes, Total	< 6		ug/kg	12/15/96	1461489
		V040	Acetone	< 12		ug/kg	12/15/96	1461489
		V041	2-Butanone (MEK)	< 12		ug/kg	12/15/96	1461489
		V042	Carbon Disulfide	< 6		ug/kg	12/15/96	1461489
		V043	2-Hexanone	< 12		ug/kg	12/15/96	1461489
		V044	4-Methyl-2-Pentanone (MIBK)	< 12		ug/kg	12/15/96	1461489
		V045	Vinyl Acetate	< 12		ug/kg	12/15/96	1461489
		V075	1,2-Dichloroethene(total)	< 6		ug/kg	12/15/96	1461489
		V155	2,4,4-Trimethyl-1-pentene	< 6		ug/kg	12/15/96	1461489
		V253	2,4,4-Trimethyl-2-Pentene	< 6		ug/kg	12/15/96	1461489
SWMU26-2								
			Volatile Organics					
		V003	Benzene	< 6		ug/kg	12/15/96	1461490
		V005	Bromoform	< 6		ug/kg	12/15/96	1[illegible]
		V006	Carbon Tetrachloride	< 6		ug/kg	12/15/96	1[illegible]
		V007	Chlorobenzene	< 6		ug/kg	12/15/96	1461490
		V008	Dibromochloromethane	< 6		ug/kg	12/15/96	1461490
		V009	Bromodichloromethane	< 6		ug/kg	12/15/96	1461490
		V010	Chloroethane	< 12		ug/kg	12/15/96	1461490
		V012	Chloroform	< 6		ug/kg	12/15/96	1461490
		V015	1,1-Dichloroethane	< 6		ug/kg	12/15/96	1461490
		V016	1,2-Dichloroethane	< 6		ug/kg	12/15/96	1461490
		V017	1,1-Dichloroethene	< 6		ug/kg	12/15/96	1461490
		V018	1,2-Dichloropropane	< 6		ug/kg	12/15/96	1461490
		V019	cis-1,3-Dichloropropene	< 6		ug/kg	12/15/96	1461490
		V020	Trans-1,3-Dichloropropene	< 6		ug/kg	12/15/96	1461490
		V021	Ethylbenzene	< 6		ug/kg	12/15/96	1461490
		V022	Bromomethane(MethylBromide)	< 12		ug/kg	12/15/96	1461490
		V023	Chloromethane (Methyl Chloride)	< 12		ug/kg	12/15/96	1461490
		V024	Methylene Chloride	< 6		ug/kg	12/15/96	1461490
		V025	1,1,2,2-Tetrachloroethane	< 6		ug/kg	12/15/96	1461490
		V026	Tetrachloroethene (PCE)	< 6		ug/kg	12/15/96	1461490
		V027	Toluene	< 6		ug/kg	12/15/96	1461490
		V029	1,1,1-Trichloroethane	6		ug/kg	12/15/96	1461490
		V030	1,1,2-Trichloroethane	< 6		ug/kg	12/15/96	1461490
		V031	Trichloroethene (TCE)	< 6		ug/kg	12/15/96	1461490
		V033	Styrene	< 6		ug/kg	12/15/96	1461490
		V034	Vinyl Chloride	< 12		ug/kg	12/15/96	1461490
		V039	Xylenes, Total	< 6		ug/kg	12/15/96	1461490
		V040	Acetone	11	JB	ug/kg	12/15/96	1461490
		V041	2-Butanone (MEK)	< 12		ug/kg	12/15/96	1461490
		V042	Carbon Disulfide	< 6		ug/kg	12/15/96	1461490
		V043	2-Hexanone	< 12		ug/kg	12/15/96	1461490
		V044	4-Methyl-2-Pentanone (MIBK)	< 12		ug/kg	12/15/96	1461490
		V045	Vinyl Acetate	< 12		ug/kg	12/15/96	1461490
		V075	1,2-Dichloroethene(total)	< 6		ug/kg	12/15/96	1461490
		V155	2,4,4-Trimethyl-1-pentene	< 6		ug/kg	12/15/96	1461490
		V253	2,4,4-Trimethyl-2-Pentene	< 6		ug/kg	12/15/96	1461490

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Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
SWMU26-3								
			Volatile Organics					
		V003	Benzene	< 6		ug/kg	12/15/96	1461491
		V005	Bromoform	< 6		ug/kg	12/15/96	1461491
		V006	Carbon Tetrachloride	< 6		ug/kg	12/15/96	1461491
		V007	Chlorobenzene	< 6		ug/kg	12/15/96	1461491
		V008	Dibromochloromethane	< 6		ug/kg	12/15/96	1461491
		V009	Bromodichloromethane	< 6		ug/kg	12/15/96	1461491
		V010	Chloroethane	< 12		ug/kg	12/15/96	1461491
		V012	Chloroform	< 6		ug/kg	12/15/96	1461491
		V015	1,1-Dichloroethane	< 6		ug/kg	12/15/96	1461491
		V016	1,2-Dichloroethane	< 6		ug/kg	12/15/96	1461491
		V017	1,1-Dichloroethene	< 6		ug/kg	12/15/96	1461491
		V018	1,2-Dichloropropane	< 6		ug/kg	12/15/96	1461491
		V019	cis-1,3-Dichloropropene	< 6		ug/kg	12/15/96	1461491
		V020	Trans-1,3-Dichloropropene	< 6		ug/kg	12/15/96	1461491
		V021	Ethylbenzene	< 6		ug/kg	12/15/96	1461491
		V022	Bromomethane(MethylBromide)	< 12		ug/kg	12/15/96	1461491
		V023	Chloromethane (Methyl Chloride)	< 12		ug/kg	12/15/96	1461491
		V024	Methylene Chloride	< 6		ug/kg	12/15/96	1461491
		V025	1,1,2,2-Tetrachloroethane	< 6		ug/kg	12/15/96	1461491
		V026	Tetrachloroethene (PCE)	< 6		ug/kg	12/15/96	1461491
		V027	Toluene	< 6		ug/kg	12/15/96	1461491
		V029	1,1,1-Trichloroethane	< 6		ug/kg	12/15/96	1461491
		V030	1,1,2-Trichloroethane	< 6		ug/kg	12/15/96	1461491
		V031	Trichloroethene (TCE)	< 6		ug/kg	12/15/96	1461491
		V033	Styrene	< 6		ug/kg	12/15/96	1461491
		V034	Vinyl Chloride	< 12		ug/kg	12/15/96	1461491
		V039	Xylenes, Total	< 6		ug/kg	12/15/96	1461491
		V040	Acetone	13		ug/kg	12/15/96	1461491
		V041	2-Butanone (MEK)	< 12		ug/kg	12/15/96	1461491
		V042	Carbon Disulfide	< 6		ug/kg	12/15/96	1461491
		V043	2-Hexanone	< 12		ug/kg	12/15/96	1461491
		V044	4-Methyl-2-Pentanone (MIBK)	< 12		ug/kg	12/15/96	1461491
		V045	Vinyl Acetate	< 12		ug/kg	12/15/96	1461491
		V075	1,2-Dichloroethene(total)	< 6		ug/kg	12/15/96	1461491
		V155	2,4,4-Trimethyl-1-pentene	< 6		ug/kg	12/15/96	1461491
		V253	2,4,4-Trimethyl-2-Pentene	< 6		ug/kg	12/15/96	1461491
SWMU26-4								
			Volatile Organics					
		V003	Benzene	< 6		ug/kg	12/15/96	1461492
		V005	Bromoform	< 6		ug/kg	12/15/96	1461492
		V006	Carbon Tetrachloride	< 6		ug/kg	12/15/96	1461492
		V007	Chlorobenzene	< 6		ug/kg	12/15/96	1461492
		V008	Dibromochloromethane	< 6		ug/kg	12/15/96	1461492
		V009	Bromodichloromethane	< 6		ug/kg	12/15/96	1461492
		V010	Chloroethane	< 12		ug/kg	12/15/96	1461492
		V012	Chloroform	< 6		ug/kg	12/15/96	1461492
		V015	1,1-Dichloroethane	< 6		ug/kg	12/15/96	1461492
		V016	1,2-Dichloroethane	< 6		ug/kg	12/15/96	1461492
		V017	1,1-Dichloroethene	< 6		ug/kg	12/15/96	1461492
		V018	1,2-Dichloropropane	< 6		ug/kg	12/15/96	1461492
		V019	cis-1,3-Dichloropropene	< 6		ug/kg	12/15/96	1461492
		V020	Trans-1,3-Dichloropropene	< 6		ug/kg	12/15/96	1461492
		V021	Ethylbenzene	< 6		ug/kg	12/15/96	1461492
		V022	Bromomethane(MethylBromide)	< 12		ug/kg	12/15/96	1461492
		V023	Chloromethane (Methyl Chloride)	< 12		ug/kg	12/15/96	1461492
		V024	Methylene Chloride	< 6		ug/kg	12/15/96	1461492
		V025	1,1,2,2-Tetrachloroethane	< 6		ug/kg	12/15/96	1461492
		V026	Tetrachloroethene (PCE)	< 6		ug/kg	12/15/96	1461492

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Surface Soil Analytical Results
Supplemental Phase II Investigations
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
SWMU26-4								
			Volatile Organics					
		V027	Toluene	< 6		ug/kg	12/15/96	1461492
		V029	1,1,1-Trichloroethane	6		ug/kg	12/15/96	1461492
		V030	1,1,2-Trichloroethane	< 6		ug/kg	12/15/96	1461492
		V031	Trichloroethene (TCE)	< 6		ug/kg	12/15/96	1461492
		V033	Styrene	< 6		ug/kg	12/15/96	1461492
		V034	Vinyl Chloride	< 12		ug/kg	12/15/96	1461492
		V039	Xylenes, Total	< 6		ug/kg	12/15/96	1461492
		V040	Acetone	13		ug/kg	12/15/96	1461492
		V041	2-Butanone (MEK)	< 12		ug/kg	12/15/96	1461492
		V042	Carbon Disulfide	< 6		ug/kg	12/15/96	1461492
		V043	2-Hexanone	< 12		ug/kg	12/15/96	1461492
		V044	4-Methyl-2-Pentanone (MIBK)	< 12		ug/kg	12/15/96	1461492
		V045	Vinyl Acetate	< 12		ug/kg	12/15/96	1461492
		V075	1,2-Dichloroethene(total)	< 6		ug/kg	12/15/96	1461492
		V155	2,4,4-Trimethyl-1-pentene	< 6		ug/kg	12/15/96	1461492
		V253	2,4,4-Trimethyl-2-Pentene	< 6		ug/kg	12/15/96	1461492
SWMU26 COMP								
			Acid Extractable Organics					
		A001	Benzoic Acid	790	J	ug/kg	12/15/96	1461493
		A002	2-Chlorophenol	< 1000		ug/kg	12/15/96	1461493
		A003	2,4-Dichlorophenol	< 1000		ug/kg	12/15/96	1461493
		A004	2,4-Dimethylphenol	< 1000		ug/kg	12/15/96	1461493
		A006	4,6-Dinitro-2-methylphenol	< 4900		ug/kg	12/15/96	1461493
		A007	2,4-Dinitrophenol	< 4900		ug/kg	12/15/96	1[illegible]3
		A008	2-Nitrophenol	< 1000		ug/kg	12/15/96	1[illegible]
		A009	4-Nitrophenol	< 4900		ug/kg	12/15/96	14[illegible]3
		A011	Pentachlorophenol	< 4900		ug/kg	12/15/96	1461493
		A012	Phenol	< 1000		ug/kg	12/15/96	1461493
		A013	2,4,6-Trichlorophenol	< 1000		ug/kg	12/15/96	1461493
		A014	2,4,5-Trichlorophenol	< 4900		ug/kg	12/15/96	1461493
		A015	2-Methylphenol (o-Cresol)	< 1000		ug/kg	12/15/96	1461493
		A016	4-Methylphenol(p-Cresol)	< 1000		ug/kg	12/15/96	1461493
		A020	4-Chloro-3-methylphenol	< 1000		ug/kg	12/15/96	1461493
			Base/Neutral Organics					
		B001	Acenaphthene	< 1000		ug/kg	12/15/96	1461493
		B002	Acenaphthylene	45	J	ug/kg	12/15/96	1461493
		B003	Anthracene	< 1000		ug/kg	12/15/96	1461493
		B005	Benzo(a)anthracene	< 1000		ug/kg	12/15/96	1461493
		B006	Benzo(a)Pyrene	< 1000		ug/kg	12/15/96	1461493
		B007	Benzo(b)fluoranthene	< 1000		ug/kg	12/15/96	1461493
		B008	Benzo(k)fluoranthene	< 1000		ug/kg	12/15/96	1461493
		B010	Benzo(g,h,i)perylene	< 1000		ug/kg	12/15/96	1461493
		B011	bis(2-Chloroethoxy)methane	< 1000		ug/kg	12/15/96	1461493
		B012	bis(2-Chloroethyl)ether	< 1000		ug/kg	12/15/96	1461493
		B013	bis(2-EthylHexyl)phthalate	5200	B	ug/kg	12/15/96	1461493
		B014	4-Bromophenyl-phenylether	< 1000		ug/kg	12/15/96	1461493
		B015	Butylbenzylphthalate	< 1000		ug/kg	12/15/96	1461493
		B016	2-Chloronaphthalene	< 1000		ug/kg	12/15/96	1461493
		B017	4-Chlorophenyl-phenylether	< 1000		ug/kg	12/15/96	1461493
		B018	Chrysene	< 1000		ug/kg	12/15/96	1461493
		B019	Dibenzo(a,h)anthracene	< 1000		ug/kg	12/15/96	1461493
		B020	1,2-Dichlorobenzene	< 1000		ug/kg	12/15/96	1461493
		B021	1,3-Dichlorobenzene	< 1000		ug/kg	12/15/96	1461493
		B022	1,4-Dichlorobenzene	< 1000		ug/kg	12/15/96	1461493
		B023	3,3'-Dichlorobenzidine	< 2000		ug/kg	12/15/96	1461493
		B024	Diethylphthalate	< 1000		ug/kg	12/15/96	1461493
		B025	Dimethylphthalate	< 1000		ug/kg	12/15/96	1461493
		B026	Di-n-butylphthalate	< 1000		ug/kg	12/15/96	1461493

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TABLE 2-12
Surface Soil Analytical Results
Supplemental Phase II Investigations
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
SWMU26 COMP								
			Base/Neutral Organics					
		B027	2,4-Dinitrotoluene	< 1000		ug/kg	12/15/96	1461493
		B028	2,6-Dinitrotoluene	< 1000		ug/kg	12/15/96	1461493
		B029	Di-n-octylphthalate	< 1000		ug/kg	12/15/96	1461493
		B031	Fluoranthene	< 1000		ug/kg	12/15/96	1461493
		B032	Fluorene	< 1000		ug/kg	12/15/96	1461493
		B033	Hexachlorobenzene	< 1000		ug/kg	12/15/96	1461493
		B034	Hexachlorobutadiene	< 1000		ug/kg	12/15/96	1461493
		B035	Hexachlorocyclopentadiene	< 1000		ug/kg	12/15/96	1461493
		B036	Hexachloroethane	< 1000		ug/kg	12/15/96	1461493
		B037	Indeno (1,2,3-cd) pyrene	< 1000		ug/kg	12/15/96	1461493
		B038	Isophorone	< 1000		ug/kg	12/15/96	1461493
		B039	Naphthalene	< 1000		ug/kg	12/15/96	1461493
		B040	Nitrobenzene	< 1000		ug/kg	12/15/96	1461493
		B042	N-Nitroso-di-n-propylamine	< 1000		ug/kg	12/15/96	1461493
		B043	N-Nitrosodiphenylamine (1)	300	J	ug/kg	12/15/96	1461493
		B044	Phenanthrene	< 1000		ug/kg	12/15/96	1461493
		B045	Pyrene	< 1000		ug/kg	12/15/96	1461493
		B046	1,2,4-Trichlorobenzene	< 1000		ug/kg	12/15/96	1461493
		B051	Benzyl Alcohol	< 1000		ug/kg	12/15/96	1461493
		B052	4-Chloroaniline	< 1000		ug/kg	12/15/96	1461493
		B053	Dibenzofuran	< 1000		ug/kg	12/15/96	1461493
		B054	2-Methylnaphthalene	< 1000		ug/kg	12/15/96	1461493
		B055	2-Nitroaniline	< 4900		ug/kg	12/15/96	1461493
		B056	3-Nitroaniline	< 4900		ug/kg	12/15/96	1461493
		B057	4-Nitroaniline	< 4900		ug/kg	12/15/96	1461493
		B058	bis(2-Chloroisopropyl)ether	< 9800		ug/kg	12/15/96	1461493
			Pesticides, PCB's, and Herbicides					
		P001	Aldrin	3.0	J	ug/kg	12/15/96	1461493
		P002	Alpha-BHC	< 13		ug/kg	12/15/96	1461493
		P003	Beta-BHC	< 13		ug/kg	12/15/96	1461493
		P004	Delta-BHC	< 13		ug/kg	12/15/96	1461493
		P005	Gamma-BHC (Lindane)	140		ug/kg	12/15/96	1461493
		P006	4,4'-DDT	14	J	ug/kg	12/15/96	1461493
		P007	4,4'-DDE	< 25		ug/kg	12/15/96	1461493
		P008	4,4'-DDD	< 25		ug/kg	12/15/96	1461493
		P009	Dieldrin	< 25		ug/kg	12/15/96	1461493
		P010	Endosulfan I	< 13		ug/kg	12/15/96	1461493
		P011	Endosulfan II	< 25		ug/kg	12/15/96	1461493
		P012	Endosulfan Sulfate	< 25		ug/kg	12/15/96	1461493
		P013	Endrin	7.2	J	ug/kg	12/15/96	1461493
		P014	Endrin Aldehyde	< 25		ug/kg	12/15/96	1461493
		P015	Endrin Ketone	< 25		ug/kg	12/15/96	1461493
		P016	Heptachlor	< 13		ug/kg	12/15/96	1461493
		P017	Heptachlor Epoxide	< 13		ug/kg	12/15/96	1461493
		P018	Methoxychlor	< 130		ug/kg	12/15/96	1461493
		P020	Toxaphene	< 250		ug/kg	12/15/96	1461493
		P047	Alpha-Chlordane	< 13		ug/kg	12/15/96	1461493
		P048	Gamma-Chlordane	< 13		ug/kg	12/15/96	1461493
			Metals					
		M008	Chromium	47.6	E	mg/kg	12/15/96	1461493
			Inorganic Non-metals					
		I009	Nitrogen, Ammonia	114		mg/kg	12/15/96	1461493
		I018	Sulfate as SO4	19400		mg/kg	12/15/96	1461493

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TABLE 2-13

Summary of Surface Soil Results from
Drum Area A, Drum Area B, Lake Poly, and SWMU-26

Olin Corporation
Wilmington, MA Facility

Major Chemicals	DRUM AREA A		DRUM AREA B		LAKE POLY AREA		SWMU 26	
	Max. Value	Max. Sample	Max. Value	Max. Sample	Max. Value	Max. Sample	Max. Value	Max. Sample
Volatiles (ppb)								
Benzene	ND	---	ND	---	1 J	LAKE POLY-3	ND	---
1,1-Dichloroethane	ND	---	ND	---	1 J	LAKE POLY-3	ND	---
1,2-Dichloroethane	ND	---	ND	---	1 J	LAKE POLY-3	ND	---
Methylene Chloride	ND	---	ND	---	2 J	LAKE POLY-3	ND	---
Toluene	0.9 J	GB4-DRMA	0.7 J	G3-DRMB	1 J	LAKE POLY-3	ND	---
1,1,1-Trichloroethane	18	GB4-DRMA	16	G2-DRMB	11	LAKE POLY-1	6	SWMU26-2/4
Styrene	ND	---	ND	---	1 J	LAKE POLY-3	ND	---
Xylenes, Total	ND	---	ND	---	2 J	LAKE POLY-3	ND	---
Acetone	21 B	GB4-DRMA	22 B	G2-DRMB	31 B	LAKE POLY-2	13	SWMU26-3/4
2-Butanone (MEK)	ND	---	4 J	G2-DRMB	4 J	LAKE POLY-3	ND	---
2,4,4-Trimethyl-1-pentene	ND	---	4 J	G4-DRMB	ND	---	ND	---
2,4,4-Trimethyl-2-Pentene	ND	---	1 J	G4-DRMB	ND	---	ND	---
Semivolatiles (ppb)								
Benzoic Acid	ND	---	640 J	DRMB-(COMP)	62 J	LAKE POLY-2 D	790 J	SWMU26 COMP
Phenol	ND	---	2,400	DRMB-(COMP)	ND	---	ND	---
2-Methylphenol (o-Cresol)	ND	---	49 J	DRMB-(COMP)	ND	---	ND	---
4-Methylphenol (p-Cresol)	ND	---	340 J	DRMB-(COMP)	ND	---	ND	---
Acenaphthylene	ND	---	ND	---	27 J	LAKE POLY-2	45 J	SWMU26 COMP
Anthracene	ND	---	20 J	DRMB-(COMP)	41 J	LAKE POLY-2	ND	---
Benzo(a)anthracene	ND	---	47 J	DRMB-(COMP)	130 J	LAKE POLY-2	ND	---
Benzo(b)fluoranthene	ND	---	ND	---	200 J	LAKE POLY-2	ND	---
Benzo(k)fluoranthene	ND	---	ND	---	170 J	LAKE POLY-2	ND	---
bis(2-EthylHexyl)phthalate	5,300 B	DRMA(COMP B)	2,900 B	DRMB-(COMP)	5,100 JB	LAKE POLY-1	5,200 B	SWMU26 COMP

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TABLE 2-13

Summary of Surface Soil Results from
Drum Area A, Drum Area B, Lake Poly, and SWMU-26

Olin Corporation
Wilmington, MA Facility

Major Chemicals	DRUM AREA A		DRUM AREA B		LAKE POLY AREA		SWMU 26	
	Max. Value	Max. Sample	Max. Value	Max. Sample	Max. Value	Max. Sample	Max. Value	Max. Sample
Semivolatiles (ppb)								
Butylbenzylphthalate	ND	---	ND	---	29 J	LAKE POLY-2	ND	---
Chrysene	ND	---	52 J	DRMB-(COMP)	160 J	LAKE POLY-2	ND	---
Diethylphthalate	ND	---	ND	---	30 JB	LAKE POLY-2 D	ND	---
Di-n-butylphthalate	200 JB	DRMA(COMP A)	330 JB	DRMB-(COMP)	1,000 JB	LAKE POLY-1	ND	---
Di-n-octylphthalate	ND	---	ND	---	22 J	LAKE POLY-2	ND	---
Fluoranthene	45 J	DRMA(COMP B)	110 J	DRMB-(COMP)	300 J	LAKE POLY-2 D	ND	---
Fluorene	ND	---	ND	---	20 J	LAKE POLY-2	ND	---
Naphthalene	ND	---	99 J	DRMB-(COMP)	13 J	LAKE POLY-2	ND	---
N-Nitrosodiphenylamine	2,800 J	DRMA(COMP A)	1,000	DRMB-(COMP)	210,000	LAKE POLY-1	300 J	SWMU26 COMP
Phenanthrene	ND	---	74 J	DRMB-(COMP)	240 J	LAKE POLY-2	ND	---
Pyrene	ND	---	120 J	DRMB-(COMP)	300 J	LAKE POLY-2	ND	---
Dibenzofuran	ND	---	ND	---	16 J	LAKE POLY-2	ND	---
Inorganics (ppm)								
Aluminum	12,900	DRMA(COMP B)	4,070	DRMB-(COMP)	5,040	LAKE POLY-2	NT	---
Antimony	1.2 N	Note (1)	1.3 N	DRMB-(COMP)	1.2 N	LAKE POLY-2/3	NT	---
Arsenic	30.9	DRMA(COMP B)	3.8	DRMB-(COMP)	4.6	LAKE POLY-2	NT	---
Barium	43.2	DRMA(COMP B)	13.9 B	DRMB-(COMP)	18.8 B	LAKE POLY-2	NT	---
Beryllium	0.61 B	DRMA(COMP B)	ND	DRMB-(COMP)	0.26 B	LAKE POLY-2	NT	---
Calcium	2,060	DRMA(COMP A)	2,580	DRMB-(COMP)	762 B	LAKE POLY-2	NT	---
Chromium	40.2 *N	DRMA(COMP B)	52.6 *N	DRMB-(COMP)	203 *N	LAKE POLY-1	47.6 E	SWMU26 COMP
Cobalt	11.3	DRMA(COMP B)	1.9 B	DRMB-(COMP)	3 B	LAKE POLY-2	NT	---

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TABLE 2-13

Summary of Surface Soil Results from
Drum Area A, Drum Area B, Lake Poly, and SWMU-26

Olin Corporation
Wilmington, MA Facility

Major Chemicals	DRUM AREA A		DRUM AREA B		LAKE POLY AREA		SWMU 26	
	Max. Value	Max. Sample	Max. Value	Max. Sample	Max. Value	Max. Sample	Max. Value	Max. Sample
Inorganics (ppm)								
Copper	21.7	DRMA(COMP B)	6.2	DRMB-(COMP)	20	LAKE POLY-2	NT	---
Iron	17,200	DRMA(COMP B)	3,720	DRMB-(COMP)	6,670	LAKE POLY-2	NT	---
Lead	17	DRMA(COMP B)	19.5	DRMB-(COMP)	183	LAKE POLY-2	NT	---
Magnesium	4,880	DRMA(COMP B)	668 B	DRMB-(COMP)	1,450	LAKE POLY-2	NT	---
Manganese	351	DRMA(COMP B)	44.5	DRMB-(COMP)	90.9	LAKE POLY-2	NT	---
Mercury	0.11	DRMA(COMP A)	0.38	DRMB-(COMP)	0.14	LAKE POLY-1/2	NT	---
Nickel	30.1	DRMA(COMP B)	3.5 B	DRMB-(COMP)	7.7 B	LAKE POLY-2	NT	---
Potassium	1,840	DRMA(COMP B)	190 B	DRMB-(COMP)	380 B	LAKE POLY-2	NT	---
Selenium	1 N	DRMA(COMP A)	1.1 N	DRMB-(COMP)	1 N	LAKE POLY-2/3	NT	---
Sodium	174 B	DRMA(COMP B)	79 B	DRMB-(COMP)	114 B	LAKE POLY-1	NT	---
Thallium	1.8 B	Note (1)	ND	DRMB-(COMP)	2.2	LAKE POLY-2	NT	---
Vanadium	24.9	DRMA(COMP B)	7.2 B	DRMB-(COMP)	10.9	LAKE POLY-2	NT	---
Zinc	63 E	DRMA(COMP B)	41.4 E	DRMB-(COMP)	75.5 E	LAKE POLY-2	NT	---
Ammonia	93	DRMA(COMP B)	263	DRMB-(COMP)	66.6	LAKE POLY-1	114	SWMU26 COMP
Sulfate	2,310	DRMA(COMP A)	5,110	DRMB-(COMP)	ND	---	19,400	SWMU26 COMP

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TABLE 2-13

Summary of Surface Soil Results from
Drum Area A, Drum Area B, Lake Poly, and SWMU-26

Olin Corporation
Wilmington, MA Facility

Major Chemicals	DRUM AREA A		DRUM AREA B		LAKE POLY AREA		SWMU 26	
	Max. Value	Max. Sample	Max. Value	Max. Sample	Max. Value	Max. Sample	Max. Value	Max. Sample
Pesticides (ppb)								
Aldrin	1.2 J	DRMA(COMP B)	ND	---	ND	---	3 J	SWMU26 COMP
Alpha-BHC	5	DRMA(COMP A)	ND	---	ND	---	ND	---
gamma-BHC (lindane)	4.7	DRMA(COMP A)	170	DRMB-(COMP)	0.36 J	LAKE POLY-3	140	SWMU26 COMP
4,4'-DDT	6.4	DRMA(COMP B)	30	DRMB-(COMP)	15	LAKE POLY-2	14 J	SWMU26 COMP
4,4'-DDE	1.9 J	DRMA(COMP B)	ND	---	1.8 J	LAKE POLY-2	ND	---
4,4'-DDD	3.4 J	DRMA(COMP A)	17 J	DRMB-(COMP)	1.2 J	LAKE POLY-2	ND	---
Dieldrin	6.9	DRMA(COMP B)	ND	---	ND	---	ND	---
Endosulfan I	5.6	DRMA(COMP A)	99	DRMB-(COMP)	ND	---	ND	---
Endrin	ND	---	ND	---	0.4 J	LAKE POLY-2	7.2 J	SWMU26 COMP
Endrin ketone	4.8	DRMA(COMP A)	ND	---	ND	---	ND	---
Heptachlor	0.87 J	DRMA(COMP B)	ND	---	ND	---	ND	---
Heptachlor epoxide	2.8	DRMA(COMP B)	ND	---	ND	---	ND	---
alpha-chlordane	4.5	DRMA(COMP B)	52	DRMB-(COMP)	3.4	LAKE POLY-2	ND	---
gamma-chlordane	8.8	DRMA(COMP B)	ND	---	1.2 J	LAKE POLY-2	ND	---

Notes:
(1) Samples include DRMA (COMP A) and DRMA (COMP B).
ND=Not Detected.
NT=Not Tested.

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TABLE 2-14

Comparison of Subsurface and Surface Soil Sample Results for Drum Areas

Olin Corporation
Wilmington, MA Facility

Major Chemicals	Drum Area A			Drum Area B		
	Subsurface Soil and Waste Value (1)	Surface Soil Value	Max. Sample Identification	Subsurface Soil and Waste Value (2)	Surface Soil Value	Max. Sample Identification
Volatiles (ppb)						
Benzene	35 J	ND	TP-6-SN2	3,800	ND	OW-249-D
Chlorobenzene	41 J	ND	TP-6-SN2	860	ND	OW-249-D
Chloroform	ND	ND	---	ND	ND	---
1,2-Dichloroethane	82 J	ND	OW-249-C	ND	ND	---
Ethylbenzene	900	ND	OW-249-C	320 J	ND	OW-249-D
Methylene Chloride	770 JB	ND	OW-249-B	690 JB	ND	OW-249-D
Tetrachloroethene (TCE)	ND	ND	---	ND	ND	---
Toluene	1,400	0.9 J	OW-249-B	13,000	0.7 J	OW-249-D
1,1,1-Trichloroethane	ND	18	GB4-DRMA	ND	16	G2-DRMB
Xylenes, Total	1,100 B	ND	OW-249-A	1,700	ND	OW-249-D
Acetone	11000 B	21 B	OW-249-B	690,000 B	22 B	OW-249-D
2-Butanone (MEK)	99 J	ND	TP-6-SN2	3.4 J	4 J	G2-DRMB
Carbon Disulfide	3400 B	ND	OW-249-C	ND	ND	---
2-Hexanone	3000	ND	OW-249-C	ND	ND	---
4-Methyl-2-Pentanone (MIBK)	3000	ND	OW-249-C	1,500	ND	OW-249-D
2,4,4-Trimethyl-1-Pentene	360000 E	ND	OW-249-A	ND	4 J	G4-DRMB
2,4,4-Trimethyl-2-Pentene	93,000	ND	OW-249-A	ND	1 J	G4-DRMB

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TABLE 2-14

Comparison of Subsurface and Surface Soil Sample Results for Drum Areas

Olin Corporation
Wilmington, MA Facility

Major Chemicals	Drum Area A			Drum Area B		
	Subsurface Soil and Waste Value (1)	Surface Soil Value	Max. Sample Identification	Subsurface Soil and Waste Value (2)	Surface Soil Value	Max. Sample Identification
Semivolatiles (ppb)						
Benzoic Acid	ND	ND	---	ND	640 J	DRMB-(COMP)
2,4-Dimethylphenol	ND	ND	---	3,500 J	ND	OW-249-D
Phenol	1000 J	ND	OW-249-C	510,000	2,400	OW-249-D
2-Methylphenol (o-Cresol)	ND	ND	---	8,000 J	49 J	OW-249-D
4-Methylphenol (p-Cresol)	38 JB	ND	OW-249-B	8,800	340 J	TP-21-SN7
Anthracene	ND	ND	---	ND	20 J	DRMB-(COMP)
Benzo(a)anthracene	ND	ND	---	ND	47 J	DRMB-(COMP)
Benzo(a)Pyrene	ND	ND	---	ND	ND	---
Benzo(b)fluoranthene	ND	ND	---	ND	ND	---
bis(2-EthylHexyl)phthalate	87000 B	5,300 B	OW-249-A	1,100,000 J	2,900 B	TP-21-SN8
Butylbenzylphthalate	1100	ND	OW-249-B	ND	ND	---
Chrysene	ND	ND	---	ND	52 J	DRMB-(COMP)
1,2-Dichlorobenzene	ND	ND	---	4,700 J	ND	OW-249-D
1,4-Dichlorobenzene	ND	ND	---	5,600 J	ND	OW-249-D
Di-n-butylphthalate	3100	200 JB	OW-249-C	230 J	330 JB	DRMB-(COMP)
Di-n-octylphthalate	200 J	ND	OW-249-B	880 J	ND	TP-21-SN8
Fluoranthene	ND	45 J	DRMA (COMP B)	ND	110 J	DRMB-(COMP)
Indeno (1,2,3-cd) pyrene	31,000	ND	OW-249-A	ND	ND	---
Isophorone	2100	ND	OW-249-B	ND	ND	---
Naphthalene	77 J	ND	OW-249-B	5,700	99 J	TP-21-SN7
N-Nitrosodiphenylamine	21,000,000	2,800 J	TP-8-SN4	1,500	1,000	TP-21-SN7
Phenanthrene	ND	ND	---	ND	74 J	DRMB-(COMP)
Pyrene	ND	ND	---	ND	120 J	DRMB-(COMP)
1,2,4-Trichlorobenzene	ND	ND	---	350 J	ND	TP-21-SN7
Dibenzofuran	ND	ND	---	570 J	ND	OW-249-D
1,2,3-Trichlorobenzene	ND	ND	---	1,400 J	ND	OW-249-D

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TABLE 2-14

Comparison of Subsurface and Surface Soil Sample Results for Drum Areas

Olin Corporation
Wilmington, MA Facility

Major Chemicals	Drum Area A			Drum Area B		
	Subsurface Soil and Waste Value (1)	Surface Soil Value	Max. Sample Identification	Subsurface Soil and Waste Value (2)	Surface Soil Value	Max. Sample Identification
Inorganics (ppm)						
Aluminum	6,200	12,900	DRMA(COMP B)	3,100 J	4,070	DRMB-(COMP)
Antimony	ND	1.2 N	Note (3)	ND	1.3 N	DRMB-(COMP)
Arsenic	7.5	30.9	DRMA(COMP B)	4	3.8	TP-21-SN8
Barium	49	43.2	OW-249-B	11	13.9 B	DRMB-(COMP)
Beryllium	ND	0.61 B	DRMA(COMP B)	ND	ND	---
Cadmium	5.1	ND	OW-249-C	2.6	ND	TP-21-SN7
Calcium	61,000	2,060	OW-249-B	160,000 J	2,580	TP-21-SN8
Chromium	90	40.2 *N	TP-8-SN4	110	52.6 *N	TP-21-SN8
Cobalt	8.7	11.3	DRMA(COMP B)	ND	1.9 B	DRMB-(COMP)
Copper	57	21.7	OW-249-C	18	6.2	OW-249-D
Iron	94,000	17,200	OW-249-C	40,000 J	3,720	TP-21-SN7
Lead	51	17	OW-249-B	41	19.5	OW-249-D
Magnesium	2,200	4,880	DRMA(COMP B)	440	668 B	DRMB-(COMP)
Manganese	460	351	OW-249-C	110	44.5	TP-21-SN7
Mercury	0.24	0.11	TP-8-SN4/SN5	0.91	0.38	TP-21-SN8
Nickel	30	30.1	DRMA(COMP B)	25	3.5 B	OW-249-D
Potassium	16,000	1,840	TP-8-SN3	280	190 B	TP-21-SN8
Selenium	ND	1 N	DRMA(COMP A)	ND	1.1 N	DRMB-(COMP)
Sodium	4,800	174 B	TP-6-SN2	8,600	79 B	OW-249-D
Thallium	ND	1.8 B	Note (3)	ND	ND	---
Vanadium	27	24.9	OW-249-B	35	7.2 B	OW-249-D
Zinc	220	63 E	TP-6-SN2	70	41.4 E	OW-249-D
Ammonia	2,100 J	93	TP-6-SN2	100	263	DRMB-(COMP)
Sulfate	5,600 J	2,310	TP-8-SN4	29,000	5,110	TP-21-SN8

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TABLE 2-14

Comparison of Subsurface and Surface Soil Sample Results for Drum Areas

Olin Corporation
Wilmington, MA Facility

Major Chemicals	Drum Area A			Drum Area B		
	Subsurface Soil and Waste Value (1)	Surface Soil Value	Max. Sample Identification	Subsurface Soil and Waste Value (2)	Surface Soil Value	Max. Sample Identification
Pesticides (ppb) (4)						
Aldrin	ND	1.2 J	DRMA(COMP B)	ND	ND	---
Alpha-BHC	ND	5	DRMA(COMP A)	ND	ND	---
gamma-BHC (lindane)	ND	4.7	DRMA(COMP A)	ND	170	DRMB-(COMP)
4,4'-DDT	ND	6.4	DRMA(COMP B)	ND	30	DRMB-(COMP)
4,4'-DDE	ND	1.9 J	DRMA(COMP B)	ND	ND	---
4,4'-DDD	ND	3.4 J	DRMA(COMP A)	ND	17 J	DRMB-(COMP)
Dieldrin	ND	6.9	DRMA(COMP B)	ND	ND	---
Endosulfan I	ND	5.6	DRMA(COMP A)	36 J	99	DRMB-(COMP)
Endrin ketone	ND	4.8	DRMA(COMP A)	ND	ND	---
Heptachlor	ND	0.87 J	DRMA(COMP B)	ND	ND	---
Heptachlor epoxide	ND	2.8	DRMA(COMP B)	ND	ND	---
Toxaphene	4000	ND	OW-249-C	ND	ND	---
alpha-chlordane	2000	4.5	OW-249-C	ND	52	DRMB-(COMP)
gamma-chlordane	ND	8.8	DRMA(COMP B)	ND	ND	---

Notes:
Shaded areas indicate Supplemental Phase II Investigation Location.
ND=Not Detected.
(1) Subsurface and waste samples include TP6-SN2, TP8-SN3, TP8-SN4, TP8-SN5, OW-249A, OW-249B, OW-249C
(2) Subsurface and waste samples include TP-21-SN7, OW-249D, and TP-21-SN8.
(3) Samples include DRMA (COMP A) and DRMA (COMP B).
(4) No PCBs were detected in the Drum Area Subsurface Soil Samples. Therefore, PCBs were not retested in the Drum Area Supplemental Phase II Surface Soil Samples.

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TABLE 2-15

Comparison of CSA and Supplemental Phase II Surface Soil Results for Areas 1, 8, and 9

Olin Corporation
Wilmington, MA Facility

Major Chemicals	Area 1			Area 8			Area 9		
	CSA Max. Value	New Max. Value	Max. Sample	CSA Max. Value	New Max. Value	Max. Sample (1)	CSA Max. Value	New Max. Value	Max. Sample
Volatiles (ppb)									
1,1-Dichloroethene	ND	18	AREA 1-4	ND	ND	---	ND	ND	---
Methylene Chloride	ND	7	AREA 1-1	36	4 J	AREA 08	ND	ND	---
Toluene	ND	3 J	AREA 1-4	ND	5 Jj	CPDA-4	4 J	ND	AREA 09
1,1,1-Trichloroethane	ND	230	AREA 1-4	ND	16	AREA 8-2	ND	71	A9CW-3
Trichloroethene (TCE)	ND	9	AREA 1-4	ND	ND	---	ND	7	A9CW-3
Acetone	ND	36	AREA 1-4	ND	56	CPDA-2	ND	ND	---
2,4,4-Trimethyl-1-pentene	ND	ND	---	14	14 j	AREA 08/CPDA-4	ND	ND	---
2,4,4-Trimethyl-2-Pentene	ND	ND	---	5 J	ND	AREA 08	ND	ND	---
Semivolatiles (ppb)									
Benzoic Acid	ND	ND	---	270	1,800 Jj	AREA 8-4	220 J	ND	AREA 09
Acenaphthylene	ND	ND	---	ND	66 Jj	CPDA-4	ND	ND	---
Anthracene	ND	ND	---	ND	57 Jj	CPDA-4	ND	ND	---
Benzo(a)anthracene	99 J	ND	AREA 01	ND	35 J	CPDA-1	100 J	ND	AREA 09
Benzo(a)Pyrene	59 J	ND	AREA 01	ND	42 J	CPDA-1	94 J	ND	AREA 09
Benzo(b)fluoranthene	180 J	ND	AREA 01	ND	51 J	CPDA-1	170 J	ND	AREA 09
Benzo(k)fluoranthene	65 J	ND	AREA 01	ND	55 J	CPDA-1	51 J	ND	AREA 09
Benzo(g,h,i)perylene	ND	ND	---	ND	ND	---	82 J	ND	AREA 09
bis(2-EthylHexyl)phthalate	2,900	130	AREA 01	89,000	22,000	AREA 08	240 J	190 Jj	AREA 09
Butylbenzylphthalate	ND	ND	---	800 J	ND	AREA 08	ND	ND	---
Chrysene	170 J	ND	AREA 01	ND	52 J	CPDA-1	190 J	ND	AREA 09
Diethylphthalate	ND	44 JB	AREA 1(COMP)	ND	40 JB	CPDA-9	21 J	ND	AREA 09
Di-n-butylphthalate	ND	27 JB	AREA 1(COMP)	ND	1,400 JB	AREA8-4	ND	ND	---
Di-n-octylphthalate	ND	ND	---	170 J	12 Jj	AREA 08	ND	ND	---
Fluoranthene	250 J	ND	AREA 01	ND	100 J	CPDA-1	280 J	ND	AREA 09

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TABLE 2-15

Comparison of CSA and Supplemental Phase II Surface Soil Results for Areas 1, 8, and 9

Olin Corporation
Wilmington, MA Facility

Major Chemicals	Area 1			Area 8			Area 9		
	CSA Max. Value	New Max. Value	Max. Sample	CSA Max. Value	New Max. Value	Max. Sample (1)	CSA Max. Value	New Max. Value	Max. Sample
Semivolatiles (ppb)									
Indeno (1,2,3-cd) pyrene	64 J	ND	AREA 01	64 J	ND	---	110 J	ND	AREA 09
Naphthalene	ND	ND	---	ND	ND	---	27 J	ND	AREA 09
N-Nitrosodiphenylamine	ND	ND	---	560 J	550 Jj	AREA 08	ND	ND	---
Phenanthrene	160 J	ND	AREA 01	ND	160 Jj	AREA8-4	180 J	ND	AREA 09
Pyrene	160 J	ND	AREA 01	120 J	120 Jj	AREA 8/AREA8-4	170 J	ND	AREA 09
1,2,4-Trichlorobenzene	ND	ND	---	ND	250 Jj	AREA8-4	ND	ND	---
2-Methylnapthalene	ND	ND	---	ND	ND	---	38 J	ND	AREA 09
Inorganics (ppm)									
Aluminum	8,000	2,250	AREA 01	9,100	2,520	AREA 08	5,600	2,360	AREA 09
Arsenic	24	1.2 B	AREA 01	7	3.8 j	AREA 08	9.8	3	AREA 09
Barium	25	5.8 B	AREA 01	21	10 B[]	AREA 08	22	20 B[]	AREA 09
Calcium	1,200	1,000	AREA 01	53,000	20,600	AREA 08	910	466	AREA 09
Chromium	320	9.1	AREA 01	750	3,010 *N	CPDA-1	23	38	A9CW-(COMP)
Cobalt	9.9	1.3	AREA 01	3.9	3.9	AREA 08/CPDA-9	2.1	1.4	AREA 09
Copper	14	2.9	AREA 01	18	2.9	AREA 08	22	6	AREA 09
Iron	16,000	2,090	AREA 01	8,700	2,940	AREA 08	9,500	2,370	AREA 09
Lead	58	2	AREA 01	34	21.8	AREA 08	210	16.9	AREA 09
Magnesium	1200	706	AREA 01	1,200	900	AREA 08	1,200	131	AREA 09
Manganese	530	27.7	AREA 01	57	32.2	AREA 08	76	6.8	AREA 09
Mercury	ND	0.11 N	AREA 1(COMP)	0.34	0.18	AREA 08	0.12	ND	AREA 09
Nickel	5.8	4	AREA 01	9.3	10.2	CPDA-9	7.6	3.9	AREA 09
Potassium	520	222	AREA 01	380	239	AREA 08	350	87	AREA 09
Selenium	ND	0.91 N	AREA 1(COMP)	2.2	1.1	AREA 08	ND	ND	---
Sodium	44	50.8 B	AREA 1(COMP)	130	81.6	AREA 08	34	120 B[]	A9CW-(COMP)

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TABLE 2-15

Comparison of CSA and Supplemental Phase II Surface Soil Results for Areas 1, 8, and 9

Olin Corporation
Wilmington, MA Facility

Major Chemicals	Area 1			Area 8			Area 9		
	CSA Max. Value	New Max. Value	Max. Sample	CSA Max. Value	New Max. Value	Max. Sample (1)	CSA Max. Value	New Max. Value	Max. Sample
Inorganics (ppm)									
Thallium	ND	1.4 N	AREA 1(COMP)	0.88	ND	AREA 08	0.8	ND	AREA 09
Vanadium	18	4.3	AREA 01	16	15.2	AREA 08	34	6.4	AREA 09
Zinc	24	13.1	AREA 01	37	12	AREA 08	72	15.1	AREA 09
Ammonia	43	143	AREA 1(COMP)	170	363	CPDA-1	27	168	A9CW-(COMP)
Sulfate	190 J	170	AREA 01	28,000 J	26.8	AREA 08	83	400	A9CW-(COMP)
Pesticides (ppb)									
Aldrin	ND	ND	---	ND	0.96	CPDA-2	ND	1.9 Jj	A9CW-(COMP)
Alpha-BHC	ND	ND	---	ND	1.1	A8CW-2	ND	ND	---
beta-BHC	ND	ND	---	ND	0.13	AREA 8-2	ND	ND	---
delta-BHC	ND	ND	---	ND	1.5	CPDA-5	ND	ND	---
gamma-BHC (lindane)	ND	ND	---	ND	64	AREA 8-4	ND	5.2	A9CW-(COMP)
4,4'-DDD	ND	ND	---	ND	8.4	AREA 8-4	ND	0.5 Jj	A9CW-(COMP)
4,4'-DDE	ND	ND	---	ND	2.8	CPDA-3	ND	1.6 Jj	A9CW-(COMP)
4,4'-DDT	ND	ND	---	ND	40	AREA 8-4	ND	3 Jj	A9CW-(COMP)
Dieldrin	ND	ND	---	ND	12	AREA 8-4	ND	ND	---
Endosulfan I	ND	ND	---	ND	1.9	CPDA-1	ND	2.1 Jj	A9CW-(COMP)
Endrin ketone	ND	ND	---	ND	3.1	CPDA-3	ND	ND	---
Heptachlor	ND	ND	---	ND	0.4	CPDA-4	ND	ND	---
Heptachlor epoxide	ND	ND	---	ND	0.078	AREA 8-2	ND	ND	---
alpha-chlordane	ND	ND	---	ND	4.9	CPDA-1	ND	ND	---
gamma-chlordane	ND	ND	---	ND	ND	---	ND	5.2 j	A9CW-(COMP)

Notes:
Shaded areas indicate Supplemental Phase II Investigation Location.
(1) This comparison does not include sample A8CW-1 because this sample was collected from a layer of green-gray sludge that does not represent the surface soil conditions.
ND=Not Detected.
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TABLE 2-16
Lake Poly Subsurface Soil Analytical Results
Supplemental Phase II Investigations
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
LPB-1(4-6)								
			Volatile Organics					
		V003	Benzene	< 7		ug/kg	01/18/95	1460211
		V005	Bromoform	< 7		ug/kg	01/18/95	1460211
		V006	Carbon Tetrachloride	3	J	ug/kg	01/18/95	1460211
		V007	Chlorobenzene	53		ug/kg	01/18/95	1460211
		V008	Dibromochloromethane	< 7		ug/kg	01/18/95	1460211
		V009	Bromodichloromethane	< 7		ug/kg	01/18/95	1460211
		V010	Chloroethane	< 13		ug/kg	01/18/95	1460211
		V012	Chloroform	< 7		ug/kg	01/18/95	1460211
		V015	1,1-Dichloroethane	< 7		ug/kg	01/18/95	1460211
		V016	1,2-Dichloroethane	< 7		ug/kg	01/18/95	1460211
		V017	1,1-Dichloroethene	< 7		ug/kg	01/18/95	1460211
		V018	1,2-Dichloropropane	< 7		ug/kg	01/18/95	1460211
		V019	cis-1,3-Dichloropropene	< 7		ug/kg	01/18/95	1460211
		V020	Trans-1,3-Dichloropropene	< 7		ug/kg	01/18/95	1460211
		V021	Ethylbenzene	100		ug/kg	01/18/95	1460211
		V022	Bromomethane(MethylBromide)	< 13		ug/kg	01/18/95	1460211
		V023	Chloromethane (Methyl Chloride)	< 13		ug/kg	01/18/95	1460211
		V024	Methylene Chloride	4	JB	ug/kg	01/18/95	1460211
		V025	1,1,2,2-Tetrachloroethane	< 7		ug/kg	01/18/95	1460211
		V026	Tetrachloroethene (PCE)	5	J	ug/kg	01/18/95	1460211
		V027	Toluene	140		ug/kg	01/18/95	1460211
		V029	1,1,1-Trichloroethane	< 7		ug/kg	01/18/95	1460211
		V030	1,1,2-Trichloroethane	< 7		ug/kg	01/18/95	1460211
		V031	Trichloroethene (TCE)	< 7		ug/kg	01/18/95	1460211
		V033	Styrene	8		ug/kg	01/18/95	1460211
		V034	Vinyl Chloride	< 13		ug/kg	01/18/95	1460211
		V039	Xylenes, Total	37		ug/kg	01/18/95	1460211
		V040	Acetone	120	B	ug/kg	01/18/95	1460211
		V041	2-Butanone (MEK)	< 20		ug/kg	01/18/95	1460211
		V042	Carbon Disulfide	< 13		ug/kg	01/18/95	1460211
		V043	2-Hexanone	< 20		ug/kg	01/18/95	1460211
		V044	4-Methyl-2-Pentanone (MIBK)	< 20		ug/kg	01/18/95	1460211
		V044	4-Methyl-2-Pentanone (MIBK)	< 20		ug/kg	01/18/95	1460211
		V045	Vinyl Acetate	< 20		ug/kg	01/18/95	1460211
		V155	2,4,4-Trimethyl-1-pentene	3800		ug/kg	01/18/95	1460211
		V253	2,4,4-Trimethyl-2-Pentene	6800		ug/kg	01/18/95	1460211
			Acid Extractable Organics					
		A002	2-Chlorophenol	< 430		ug/kg	01/18/95	1460211
		A003	2,4-Dichlorophenol	< 430		ug/kg	01/18/95	1460211
		A004	2,4-Dimethylphenol	< 430		ug/kg	01/18/95	1460211
		A006	4,6-Dinitro-2-methylphenol	< 1100		ug/kg	01/18/95	1460211
		A007	2,4-Dinitrophenol	< 1100		ug/kg	01/18/95	1460211
		A008	2-Nitrophenol	< 430		ug/kg	01/18/95	1460211
		A009	4-Nitrophenol	< 1100		ug/kg	01/18/95	1460211
		A011	Pentachlorophenol	< 1100		ug/kg	01/18/95	1460211
		A012	Phenol	< 430		ug/kg	01/18/95	1460211
		A013	2,4,6-Trichlorophenol	< 430		ug/kg	01/18/95	1460211
		A014	2,4,5-Trichlorophenol	< 1100		ug/kg	01/18/95	1460211
		A015	2-Methylphenol (o-Cresol)	< 430		ug/kg	01/18/95	1460211
		A016	4-Methylphenol(p-Cresol)	< 430		ug/kg	01/18/95	1460211
		A020	4-Chloro-3-methylphenol	< 430		ug/kg	01/18/95	1460211
			Base/Neutral Organics					
		B001	Acenaphthene	< 430		ug/kg	01/18/95	1460211
		B002	Acenaphthylene	< 430		ug/kg	01/18/95	1460211
		B003	Anthracene	< 430		ug/kg	01/18/95	1460211
		B005	Benzo(a)anthracene	< 430		ug/kg	01/18/95	1460211
		B006	Benzo(a)Pyrene	< 430		ug/kg	01/18/95	1460211
		B007	Benzo(b)fluoranthene	< 430		ug/kg	01/18/95	1460211
		B008	Benzo(k)fluoranthene	< 430		ug/kg	01/18/95	1460211

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TABLE 2-16
Lake Poly Subsurface Soil Analytical Results
Supplemental Phase II Investigations
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
LPB-1(4-6)								
			Base/Neutral Organics					
		B010	Benzo(g,h,i)perylene	< 430		ug/kg	01/18/95	1460211
		B011	bis(2-Chloroethoxy)methane	< 430		ug/kg	01/18/95	1460211
		B012	bis(2-Chloroethyl)ether	< 430		ug/kg	01/18/95	1460211
		B013	bis(2-EthylHexyl)phthalate	970		ug/kg	01/18/95	1460211
		B014	4-Bromophenyl-phenylether	< 430		ug/kg	01/18/95	1460211
		B015	Butylbenzylphthalate	< 430		ug/kg	01/18/95	1460211
		B016	2-Chloronaphthalene	< 430		ug/kg	01/18/95	1460211
		B017	4-Chlorophenyl-phenylether	< 430		ug/kg	01/18/95	1460211
		B018	Chrysene	< 430		ug/kg	01/18/95	1460211
		B019	Dibenzo(a,h)anthracene	< 430		ug/kg	01/18/95	1460211
		B020	1,2-Dichlorobenzene	< 430		ug/kg	01/18/95	1460211
		B021	1,3-Dichlorobenzene	< 430		ug/kg	01/18/95	1460211
		B022	1,4-Dichlorobenzene	< 430		ug/kg	01/18/95	1460211
		B023	3,3'-Dichlorobenzidine	< 430		ug/kg	01/18/95	1460211
		B024	Diethylphthalate	< 430		ug/kg	01/18/95	1460211
		B025	Dimethylphthalate	< 430		ug/kg	01/18/95	1460211
		B026	Di-n-butylphthalate	< 430		ug/kg	01/18/95	1460211
		B027	2,4-Dinitrotoluene	< 430		ug/kg	01/18/95	1460211
		B028	2,6-Dinitrotoluene	< 430		ug/kg	01/18/95	1460211
		B029	Di-n-octylphthalate	< 430		ug/kg	01/18/95	1460211
		B031	Fluoranthene	< 430		ug/kg	01/18/95	1460211
		B032	Fluorene	< 430		ug/kg	01/18/95	1460211
		B033	Hexachlorobenzene	< 430		ug/kg	01/18/95	1460211
		B034	Hexachlorobutadiene	< 430		ug/kg	01/18/95	1460211
		B035	Hexachlorocyclopentadiene	< 430		ug/kg	01/18/95	1460211
		B036	Hexachloroethane	< 430		ug/kg	01/18/95	14[illegible]1
		B037	Indeno (1,2,3-cd) pyrene	< 430		ug/kg	01/18/95	1[illegible]
		B038	Isophorone	< 430		ug/kg	01/18/95	14[illegible]1
		B039	Naphthalene	< 430		ug/kg	01/18/95	1460211
		B040	Nitrobenzene	< 430		ug/kg	01/18/95	1460211
		B042	N-Nitroso-di-n-propylamine	< 430		ug/kg	01/18/95	1460211
		B043	N-Nitrosodiphenylamine (1)	150	J	ug/kg	01/18/95	1460211
		B044	Phenanthrene	< 430		ug/kg	01/18/95	1460211
		B045	Pyrene	< 430		ug/kg	01/18/95	1460211
		B046	1,2,4-Trichlorobenzene	< 430		ug/kg	01/18/95	1460211
		B052	4-Chloroaniline	< 430		ug/kg	01/18/95	1460211
		B053	Dibenzofuran	< 430		ug/kg	01/18/95	1460211
		B054	2-Methylnaphthalene	< 430		ug/kg	01/18/95	1460211
		B055	2-Nitroaniline	< 1100		ug/kg	01/18/95	1460211
		B056	3-Nitroaniline	< 1100		ug/kg	01/18/95	1460211
		B057	4-Nitroaniline	< 1100		ug/kg	01/18/95	1460211
		B058	bis(2-Chloroisopropyl)ether	< 430		ug/kg	01/18/95	1460211
		B180	Carbazole	< 430		ug/kg	01/18/95	1460211
			Metals					
		M001	Aluminum	4600		mg/kg	01/18/95	1460211
		M002	Antimony	< 0.5		mg/kg	01/18/95	1460211
		M003	Arsenic	3.7		mg/kg	01/18/95	1460211
		M004	Barium	9.8		mg/kg	01/18/95	1460211
		M005	Beryllium	< 0.5		mg/kg	01/18/95	1460211
		M006	Cadmium	< 1		mg/kg	01/18/95	1460211
		M007	Calcium	560		mg/kg	01/18/95	1460211
		M008	Chromium	79		mg/kg	01/18/95	1460211
		M009	Cobalt	< 3		mg/kg	01/18/95	1460211
		M010	Copper	4.8		mg/kg	01/18/95	1460211
		M011	Iron	5600		mg/kg	01/18/95	1460211
		M012	Lead	8.9		mg/kg	01/18/95	1460211
		M013	Magnesium	1100		mg/kg	01/18/95	1460211
		M014	Manganese	64		mg/kg	01/18/95	1460211
		M015	Mercury	< 0.11		mg/kg	01/18/95	1460211

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TABLE 2-16
Lake Poly Subsurface Soil Analytical Results
Supplemental Phase II Investigations
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
LPB-1(4-6)								
			Metals					
		M016	Nickel	5		mg/kg	01/18/95	1460211
		M017	Potassium	300		mg/kg	01/18/95	1460211
		M018	Selenium	< 0.5		mg/kg	01/18/95	1460211
		M019	Silver	< 1.5		mg/kg	01/18/95	1460211
		M020	Sodium	23		mg/kg	01/18/95	1460211
		M021	Thallium	< 0.5		mg/kg	01/18/95	1460211
		M023	Vanadium	6.5		mg/kg	01/18/95	1460211
		M024	Zinc	25		mg/kg	01/18/95	1460211
			Inorganic Non-metals					
		I005	Chloride	< 40		mg/kg	01/18/95	1460211
		I009	Nitrogen, Ammonia	89		mg/kg	01/18/95	1460211
		I018	Sulfate as SO4	< 20		mg/kg	01/18/95	1460211
			Physical Properties					
		F061	Total Solids, Residue	78		%	01/18/95	1460211
LPB-1(6-8)								
			Volatile Organics					
		V003	Benzene	< 43		ug/kg	01/18/95	1460212
		V005	Bromoform	< 43		ug/kg	01/18/95	1460212
		V006	Carbon Tetrachloride	< 43		ug/kg	01/18/95	1460212
		V007	Chlorobenzene	530		ug/kg	01/18/95	1460212
		V008	Dibromochloromethane	< 43		ug/kg	01/18/95	1460212
		V009	Bromodichloromethane	< 43		ug/kg	01/18/95	1460212
		V010	Chloroethane	< 85		ug/kg	01/18/95	1460212
		V012	Chloroform	< 43		ug/kg	01/18/95	1460212
		V015	1,1-Dichloroethane	< 43		ug/kg	01/18/95	1460212
		V016	1,2-Dichloroethane	< 43		ug/kg	01/18/95	1460212
		V017	1,1-Dichloroethene	< 43		ug/kg	01/18/95	1460212
		V018	1,2-Dichloropropane	< 43		ug/kg	01/18/95	1460212
		V019	cis-1,3-Dichloropropene	< 43		ug/kg	01/18/95	1460212
		V020	Trans-1,3-Dichloropropene	< 43		ug/kg	01/18/95	1460212
		V021	Ethylbenzene	610		ug/kg	01/18/95	1460212
		V022	Bromomethane(MethylBromide)	< 85		ug/kg	01/18/95	1460212
		V023	Chloromethane (Methyl Chloride)	< 85		ug/kg	01/18/95	1460212
		V024	Methylene Chloride	20	JB	ug/kg	01/18/95	1460212
		V025	1,1,2,2-Tetrachloroethane	< 43		ug/kg	01/18/95	1460212
		V026	Tetrachloroethene (PCE)	23	J	ug/kg	01/18/95	1460212
		V027	Toluene	1100		ug/kg	01/18/95	1460212
		V029	1,1,1-Trichloroethane	< 43		ug/kg	01/18/95	1460212
		V030	1,1,2-Trichloroethane	< 43		ug/kg	01/18/95	1460212
		V031	Trichloroethene (TCE)	< 43		ug/kg	01/18/95	1460212
		V033	Styrene	110		ug/kg	01/18/95	1460212
		V034	Vinyl Chloride	< 85		ug/kg	01/18/95	1460212
		V039	Xylenes, Total	220		ug/kg	01/18/95	1460212
		V040	Acetone	< 130		ug/kg	01/18/95	1460212
		V041	2-Butanone (MEK)	43	J	ug/kg	01/18/95	1460212
		V042	Carbon Disulfide	< 85		ug/kg	01/18/95	1460212
		V043	2-Hexanone	< 130		ug/kg	01/18/95	1460212
		V044	4-Methyl-2-Pentanone (MIBK)	< 130		ug/kg	01/18/95	1460212
		V045	Vinyl Acetate	< 130		ug/kg	01/18/95	1460212
		V075	1,2-Dichloroethene(total)	< 43		ug/kg	01/18/95	1460212
		V155	2,4,4-Trimethyl-1-pentene	340000		ug/kg	01/18/95	1460212
		V253	2,4,4-Trimethyl-2-Pentene	210000		ug/kg	01/18/95	1460212
			Acid Extractable Organics					
		A002	2-Chlorophenol	< 560		ug/kg	01/18/95	1460212
		A003	2,4-Dichlorophenol	< 560		ug/kg	01/18/95	1460212
		A004	2,4-Dimethylphenol	< 560		ug/kg	01/18/95	1460212
		A006	4,6-Dinitro-2-methylphenol	< 1400		ug/kg	01/18/95	1460212
		A007	2,4-Dinitrophenol	< 1400		ug/kg	01/18/95	1460212

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Supplemental Phase II Investigations
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Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
LPB-1(6-8)								
			Acid Extractable Organics					
		A008	2-Nitrophenol	< 560		ug/kg	01/18/95	1460212
		A009	4-Nitrophenol	< 1400		ug/kg	01/18/95	1460212
		A011	Pentachlorophenol	< 1400		ug/kg	01/18/95	1460212
		A012	Phenol	140	J	ug/kg	01/18/95	1460212
		A013	2,4,6-Trichlorophenol	< 560		ug/kg	01/18/95	1460212
		A014	2,4,5-Trichlorophenol	< 1400		ug/kg	01/18/95	1460212
		A015	2-Methylphenol (o-Cresol)	< 560		ug/kg	01/18/95	1460212
		A016	4-Methylphenol(p-Cresol)	< 560		ug/kg	01/18/95	1460212
		A020	4-Chloro-3-methylphenol	< 560		ug/kg	01/18/95	1460212
			Base/Neutral Organics					
		B001	Acenaphthene	< 560		ug/kg	01/18/95	1460212
		B002	Acenaphthylene	< 560		ug/kg	01/18/95	1460212
		B003	Anthracene	< 560		ug/kg	01/18/95	1460212
		B005	Benzo(a)anthracene	< 560		ug/kg	01/18/95	1460212
		B006	Benzo(a)Pyrene	< 560		ug/kg	01/18/95	1460212
		B007	Benzo(b)fluoranthene	< 560		ug/kg	01/18/95	1460212
		B008	Benzo(k)fluoranthene	< 560		ug/kg	01/18/95	1460212
		B010	Benzo(g,h,i)perylene	< 560		ug/kg	01/18/95	1460212
		B011	bis(2-Chloroethoxy)methane	< 560		ug/kg	01/18/95	1460212
		B012	bis(2-Chloroethyl)ether	< 560		ug/kg	01/18/95	1460212
		B013	bis(2-EthylHexyl)phthalate	1400000		ug/kg	01/18/95	1460212
		B014	4-Bromophenyl-phenylether	1100		ug/kg	01/18/95	1460212
		B015	Butylbenzylphthalate	< 560		ug/kg	01/18/95	1460212
		B016	2-Chloronaphthalene	< 560		ug/kg	01/18/95	1460212
		B017	4-Chlorophenyl-phenylether	2200		ug/kg	01/18/95	1460212
		B018	Chrysene	< 560		ug/kg	01/18/95	1460212
		B019	Dibenzo(a,h)anthracene	< 560		ug/kg	01/18/95	1 2
		B020	1,2-Dichlorobenzene	2100		ug/kg	01/18/95	1 2
		B021	1,3-Dichlorobenzene	290	J	ug/kg	01/18/95	1460212
		B022	1,4-Dichlorobenzene	2600		ug/kg	01/18/95	1460212
		B023	3,3'-Dichlorobenzidine	< 560		ug/kg	01/18/95	1460212
		B024	Diethylphthalate	< 560		ug/kg	01/18/95	1460212
		B025	Dimethylphthalate	< 560		ug/kg	01/18/95	1460212
		B026	Di-n-butylphthalate	4600	B	ug/kg	01/18/95	1460212
		B027	2,4-Dinitrotoluene	< 560		ug/kg	01/18/95	1460212
		B028	2,6-Dinitrotoluene	< 560		ug/kg	01/18/95	1460212
		B029	Di-n-octylphthalate	86	J	ug/kg	01/18/95	1460212
		B031	Fluoranthene	< 560		ug/kg	01/18/95	1460212
		B032	Fluorene	< 560		ug/kg	01/18/95	1460212
		B033	Hexachlorobenzene	240	J	ug/kg	01/18/95	1460212
		B034	Hexachlorobutadiene	< 560		ug/kg	01/18/95	1460212
		B035	Hexachlorocyclopentadiene	< 560		ug/kg	01/18/95	1460212
		B036	Hexachloroethane	< 560		ug/kg	01/18/95	1460212
		B037	Indeno (1,2,3-cd) pyrene	< 560		ug/kg	01/18/95	1460212
		B038	Isophorone	< 560		ug/kg	01/18/95	1460212
		B039	Naphthalene	720		ug/kg	01/18/95	1460212
		B040	Nitrobenzene	< 560		ug/kg	01/18/95	1460212
		B042	N-Nitroso-di-n-propylamine	< 560		ug/kg	01/18/95	1460212
		B043	N-Nitrosodiphenylamine (1)	230000		ug/kg	01/18/95	1460212
		B044	Phenanthrene	690		ug/kg	01/18/95	1460212
		B045	Pyrene	200	J	ug/kg	01/18/95	1460212
		B046	1,2,4-Trichlorobenzene	1800		ug/kg	01/18/95	1460212
		B052	4-Chloroaniline	< 560		ug/kg	01/18/95	1460212
		B053	Dibenzofuran	1400		ug/kg	01/18/95	1460212
		B054	2-Methylnaphthalene	< 560		ug/kg	01/18/95	1460212
		B055	2-Nitroaniline	< 1400		ug/kg	01/18/95	1460212
		B056	3-Nitroaniline	< 1400		ug/kg	01/18/95	1460212
		B057	4-Nitroaniline	< 1400		ug/kg	01/18/95	1460212
		B058	bis(2-Chloroisopropyl)ether	< 560		ug/kg	01/18/95	1460212

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Supplemental Phase II Investigations
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
LPB-1(6-8)								
			Base/Neutral Organics					
		B180	Carbazole	< 560		ug/kg	01/18/95	1460212
			Metals					
		M002	Antimony	< 0.56		mg/kg	01/18/95	1460212
		M003	Arsenic	6.4		mg/kg	01/18/95	1460212
		M004	Barium	65		mg/kg	01/18/95	1460212
		M005	Beryllium	< 0.56		mg/kg	01/18/95	1460212
		M006	Cadmium	< 1.1		mg/kg	01/18/95	1460212
		M007	Calcium	840		mg/kg	01/18/95	1460212
		M008	Chromium	17000		mg/kg	01/18/95	1460212
		M009	Cobalt	4.3		mg/kg	01/18/95	1460212
		M010	Copper	16		mg/kg	01/18/95	1460212
		M010	Copper	16		mg/kg	01/18/95	1460212
		M011	Iron	5400		mg/kg	01/18/95	1460212
		M013	Magnesium	540		mg/kg	01/18/95	1460212
		M014	Manganese	38		mg/kg	01/18/95	1460212
		M015	Mercury	< 0.15		mg/kg	01/18/95	1460212
		M016	Nickel	9.9		mg/kg	01/18/95	1460212
		M017	Potassium	130		mg/kg	01/18/95	1460212
		M018	Selenium	< 0.59		mg/kg	01/18/95	1460212
		M019	Silver	< 1.7		mg/kg	01/18/95	1460212
		M020	Sodium	73		mg/kg	01/18/95	1460212
		M021	Thallium	< 0.59		mg/kg	01/18/95	1460212
		M023	Vanadium	23		mg/kg	01/18/95	1460212
		M024	Zinc	100		mg/kg	01/18/95	1460212
			Inorganic Non-metals					
		I005	Chloride	100		mg/kg	01/18/95	1460212
		I009	Nitrogen, Ammonia	10000		mg/kg	01/18/95	1460212
		I009	Nitrogen, Ammonia	10000		mg/kg	01/18/95	1460212
		I018	Sulfate as SO4	260		mg/kg	01/18/95	1460212
			Physical Properties					
		F061	Total Solids, Residue	59		%	01/18/95	1460212
LPB-2(7-8)								
			Volatile Organics					
		V003	Benzene	< 6		ug/kg	01/18/95	1460213
		V005	Bromoform	< 6		ug/kg	01/18/95	1460213
		V006	Carbon Tetrachloride	< 6		ug/kg	01/18/95	1460213
		V007	Chlorobenzene	< 6		ug/kg	01/18/95	1460213
		V008	Dibromochloromethane	< 6		ug/kg	01/18/95	1460213
		V009	Bromodichloromethane	< 6		ug/kg	01/18/95	1460213
		V010	Chloroethane	< 12		ug/kg	01/18/95	1460213
		V012	Chloroform	< 6		ug/kg	01/18/95	1460213
		V015	1,1-Dichloroethane	< 6		ug/kg	01/18/95	1460213
		V016	1,2-Dichloroethane	< 6		ug/kg	01/18/95	1460213
		V017	1,1-Dichloroethene	< 6		ug/kg	01/18/95	1460213
		V018	1,2-Dichloropropane	< 6		ug/kg	01/18/95	1460213
		V019	cis-1,3-Dichloropropene	< 6		ug/kg	01/18/95	1460213
		V020	Trans-1,3-Dichloropropene	< 6		ug/kg	01/18/95	1460213
		V021	Ethylbenzene	15		ug/kg	01/18/95	1460213
		V022	Bromomethane(MethylBromide)	< 12		ug/kg	01/18/95	1460213
		V023	Chloromethane (Methyl Chloride)	< 12		ug/kg	01/18/95	1460213
		V024	Methylene Chloride	4	JB	ug/kg	01/18/95	1460213
		V025	1,1,2,2-Tetrachloroethane	< 6		ug/kg	01/18/95	1460213
		V026	Tetrachloroethene (PCE)	< 6		ug/kg	01/18/95	1460213
		V027	Toluene	4	J	ug/kg	01/18/95	1460213
		V029	1,1,1-Trichloroethane	< 6		ug/kg	01/18/95	1460213
		V030	1,1,2-Trichloroethane	< 6		ug/kg	01/18/95	1460213
		V031	Trichloroethene (TCE)	< 6		ug/kg	01/18/95	1460213
		V033	Styrene	1	J	ug/kg	01/18/95	1460213

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Supplemental Phase II Investigations
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
LPB-2(7-8)								
			Volatile Organics					
		V034	Vinyl Chloride	< 12		ug/kg	01/18/95	1460213
		V039	Xylenes, Total	3	J	ug/kg	01/18/95	1460213
		V040	Acetone	140	B	ug/kg	01/18/95	1460213
		V041	2-Butanone (MEK)	21		ug/kg	01/18/95	1460213
		V042	Carbon Disulfide	< 12		ug/kg	01/18/95	1460213
		V043	2-Hexanone	< 18		ug/kg	01/18/95	1460213
		V044	4-Methyl-2-Pentanone (MIBK)	< 18		ug/kg	01/18/95	1460213
		V045	Vinyl Acetate	< 18		ug/kg	01/18/95	1460213
		V075	1,2-Dichloroethene(total)	< 6		ug/kg	01/18/95	1460213
		V155	2,4,4-Trimethyl-1-pentene	930		ug/kg	01/18/95	1460213
		V253	2,4,4-Trimethyl-2-Pentene	280		ug/kg	01/18/95	1460213
			Acid Extractable Organics					
		A002	2-Chlorophenol	< 400		ug/kg	01/18/95	1460213
		A003	2,4-Dichlorophenol	< 400		ug/kg	01/18/95	1460213
		A004	2,4-Dimethylphenol	< 400		ug/kg	01/18/95	1460213
		A006	4,6-Dinitro-2-methylphenol	< 980		ug/kg	01/18/95	1460213
		A007	2,4-Dinitrophenol	< 980		ug/kg	01/18/95	1460213
		A008	2-Nitrophenol	< 400		ug/kg	01/18/95	1460213
		A009	4-Nitrophenol	< 980		ug/kg	01/18/95	1460213
		A011	Pentachlorophenol	< 980		ug/kg	01/18/95	1460213
		A012	Phenol	< 400		ug/kg	01/18/95	1460213
		A013	2,4,6-Trichlorophenol	< 400		ug/kg	01/18/95	1460213
		A014	2,4,5-Trichlorophenol	< 980		ug/kg	01/18/95	1460213
		A015	2-Methylphenol (o-Cresol)	< 400		ug/kg	01/18/95	1460213
		A016	4-Methylphenol(p-Cresol)	< 400		ug/kg	01/18/95	1460213
		A020	4-Chloro-3-methylphenol	< 400		ug/kg	01/18/95	1460213
			Base/Neutral Organics					
		B001	Acenaphthene	< 400		ug/kg	01/18/95	1460213
		B002	Acenaphthylene	< 400		ug/kg	01/18/95	1460213
		B003	Anthracene	< 400		ug/kg	01/18/95	1460213
		B005	Benzo(a)anthracene	< 400		ug/kg	01/18/95	1460213
		B006	Benzo(a)Pyrene	< 400		ug/kg	01/18/95	1460213
		B007	Benzo(b)fluoranthene	< 400		ug/kg	01/18/95	1460213
		B008	Benzo(k)fluoranthene	< 400		ug/kg	01/18/95	1460213
		B010	Benzo(g,h,i)perylene	< 400		ug/kg	01/18/95	1460213
		B011	bis(2-Chloroethoxy)methane	< 400		ug/kg	01/18/95	1460213
		B012	bis(2-Chloroethyl)ether	< 400		ug/kg	01/18/95	1460213
		B013	bis(2-EthylHexyl)phthalate	1800		ug/kg	01/18/95	1460213
		B014	4-Bromophenyl-phenylether	< 400		ug/kg	01/18/95	1460213
		B015	Butylbenzylphthalate	< 400		ug/kg	01/18/95	1460213
		B016	2-Chloronaphthalene	< 400		ug/kg	01/18/95	1460213
		B017	4-Chlorophenyl-phenylether	< 400		ug/kg	01/18/95	1460213
		B018	Chrysene	< 400		ug/kg	01/18/95	1460213
		B019	Dibenzo(a,h)anthracene	< 400		ug/kg	01/18/95	1460213
		B020	1,2-Dichlorobenzene	< 400		ug/kg	01/18/95	1460213
		B021	1,3-Dichlorobenzene	< 400		ug/kg	01/18/95	1460213
		B022	1,4-Dichlorobenzene	< 400		ug/kg	01/18/95	1460213
		B023	3,3'-Dichlorobenzidine	< 400		ug/kg	01/18/95	1460213
		B024	Diethylphthalate	< 400		ug/kg	01/18/95	1460213
		B025	Dimethylphthalate	< 400		ug/kg	01/18/95	1460213
		B026	Di-n-butylphthalate	32	JB	ug/kg	01/18/95	1460213
		B027	2,4-Dinitrotoluene	< 400		ug/kg	01/18/95	1460213
		B028	2,6-Dinitrotoluene	< 400		ug/kg	01/18/95	1460213
		B029	Di-n-octylphthalate	< 400		ug/kg	01/18/95	1460213
		B031	Fluoranthene	< 400		ug/kg	01/18/95	1460213
		B032	Fluorene	< 400		ug/kg	01/18/95	1460213
		B033	Hexachlorobenzene	< 400		ug/kg	01/18/95	1460213
		B034	Hexachlorobutadiene	< 400		ug/kg	01/18/95	1460213
		B035	Hexachlorocyclopentadiene	< 400		ug/kg	01/18/95	1460213

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TABLE 2-16
Lake Poly Subsurface Soil Analytical Results
Supplemental Phase II Investigations
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
LPB-2(7-8)								
			Base/Neutral Organics					
		B036	Hexachloroethane	< 400		ug/kg	01/18/95	1460213
		B037	Indeno (1,2,3-cd) pyrene	< 400		ug/kg	01/18/95	1460213
		B038	Isophorone	< 400		ug/kg	01/18/95	1460213
		B039	Naphthalene	< 400		ug/kg	01/18/95	1460213
		B040	Nitrobenzene	< 400		ug/kg	01/18/95	1460213
		B042	N-Nitroso-di-n-propylamine	< 400		ug/kg	01/18/95	1460213
		B043	N-Nitrosodiphenylamine (1)	140000		ug/kg	01/18/95	1460213
		B044	Phenanthrene	< 400		ug/kg	01/18/95	1460213
		B045	Pyrene	< 400		ug/kg	01/18/95	1460213
		B046	1,2,4-Trichlorobenzene	< 400		ug/kg	01/18/95	1460213
		B052	4-Chloroaniline	< 400		ug/kg	01/18/95	1460213
		B053	Dibenzofuran	< 400		ug/kg	01/18/95	1460213
		B054	2-Methylnaphthalene	< 400		ug/kg	01/18/95	1460213
		B055	2-Nitroaniline	< 980		ug/kg	01/18/95	1460213
		B056	3-Nitroaniline	< 980		ug/kg	01/18/95	1460213
		B057	4-Nitroaniline	< 980		ug/kg	01/18/95	1460213
		B058	bis(2-Chloroisopropyl)ether	< 400		ug/kg	01/18/95	1460213
		B180	Carbazole	< 400		ug/kg	01/18/95	1460213
			Metals					
		M001	Aluminum	4700		mg/kg	01/18/95	1460213
		M002	Antimony	< 0.5		mg/kg	01/18/95	1460213
		M003	Arsenic	4		mg/kg	01/18/95	1460213
		M004	Barium	8.4		mg/kg	01/18/95	1460213
		M005	Beryllium	< 0.5		mg/kg	01/18/95	1460213
		M006	Cadmium	< 1		mg/kg	01/18/95	1460213
		M007	Calcium	480		mg/kg	01/18/95	1460213
		M008	Chromium	68		mg/kg	01/18/95	1460213
		M009	Cobalt	3		mg/kg	01/18/95	1460213
		M010	Copper	3.4		mg/kg	01/18/95	1460213
		M011	Iron	5300		mg/kg	01/18/95	1460213
		M012	Lead	5.7		mg/kg	01/18/95	1460213
		M013	Magnesium	1300		mg/kg	01/18/95	1460213
		M014	Manganese	44		mg/kg	01/18/95	1460213
		M015	Mercury	< 0.1		mg/kg	01/18/95	1460213
		M016	Nickel	< 4		mg/kg	01/18/95	1460213
		M017	Potassium	290		mg/kg	01/18/95	1460213
		M018	Selenium	< 0.5		mg/kg	01/18/95	1460213
		M019	Silver	< 1.5		mg/kg	01/18/95	1460213
		M020	Sodium	76		mg/kg	01/18/95	1460213
		M021	Thallium	< 0.5		mg/kg	01/18/95	1460213
		M023	Vanadium	6.8		mg/kg	01/18/95	1460213
		M024	Zinc	13		mg/kg	01/18/95	1460213
			Inorganic Non-metals					
		I005	Chloride	< 40		mg/kg	01/18/95	1460213
		I009	Nitrogen, Ammonia	390		mg/kg	01/18/95	1460213
		I018	Sulfate as SO4	44		mg/kg	01/18/95	1460213
			Physical Properties					
		F061	Total Solids, Residue	84		%	01/18/95	1460213
LPB-2(8-9)								
			Volatile Organics					
		V003	Benzene	< 6		ug/kg	01/18/95	1460214
		V005	Bromoform	< 6		ug/kg	01/18/95	1460214
		V006	Carbon Tetrachloride	< 6		ug/kg	01/18/95	1460214
		V007	Chlorobenzene	< 6		ug/kg	01/18/95	1460214
		V008	Dibromochloromethane	< 6		ug/kg	01/18/95	1460214
		V009	Bromodichloromethane	< 6		ug/kg	01/18/95	1460214
		V010	Chloroethane	< 11		ug/kg	01/18/95	1460214
		V012	Chloroform	< 6		ug/kg	01/18/95	1460214

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TABLE 2-16
Lake Poly Subsurface Soil Analytical Results
Supplemental Phase II Investigations
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
LPB-2(8-9)								
			Volatile Organics					
		V015	1,1-Dichloroethane	< 6		ug/kg	01/18/95	1460214
		V016	1,2-Dichloroethane	2	J	ug/kg	01/18/95	1460214
		V017	1,1-Dichloroethene	< 6		ug/kg	01/18/95	1460214
		V018	1,2-Dichloropropane	< 6		ug/kg	01/18/95	1460214
		V019	cis-1,3-Dichloropropene	< 6		ug/kg	01/18/95	1460214
		V020	Trans-1,3-Dichloropropene	< 6		ug/kg	01/18/95	1460214
		V021	Ethylbenzene	57		ug/kg	01/18/95	1460214
		V022	Bromomethane(MethylBromide)	< 11		ug/kg	01/18/95	1460214
		V023	Chloromethane (Methyl Chloride)	< 11		ug/kg	01/18/95	1460214
		V024	Methylene Chloride	2	JB	ug/kg	01/18/95	1460214
		V025	1,1,2,2-Tetrachloroethane	< 6		ug/kg	01/18/95	1460214
		V026	Tetrachloroethene (PCE)	< 6		ug/kg	01/18/95	1460214
		V027	Toluene	7	J	ug/kg	01/18/95	1460214
		V029	1,1,1-Trichloroethane	< 6		ug/kg	01/18/95	1460214
		V030	1,1,2-Trichloroethane	< 6		ug/kg	01/18/95	1460214
		V031	Trichloroethene (TCE)	< 6		ug/kg	01/18/95	1460214
		V033	Styrene	< 6		ug/kg	01/18/95	1460214
		V034	Vinyl Chloride	< 11		ug/kg	01/18/95	1460214
		V039	Xylenes, Total	91		ug/kg	01/18/95	1460214
		V040	Acetone	26	B	ug/kg	01/18/95	1460214
		V041	2-Butanone (MEK)	< 17		ug/kg	01/18/95	1460214
		V042	Carbon Disulfide	< 11		ug/kg	01/18/95	1460214
		V043	2-Hexanone	< 17		ug/kg	01/18/95	1460214
		V044	4-Methyl-2-Pentanone (MIBK)	< 17		ug/kg	01/18/95	1460214
		V045	Vinyl Acetate	< 17		ug/kg	01/18/95	1460214
		V075	1,2-Dichloroethene(total)	< 6		ug/kg	01/18/95	1460214
		V155	2,4,4-Trimethyl-1-pentene	10000		ug/kg	01/18/95	1[illegible]
		V253	2,4,4-Trimethyl-2-Pentene	3300		ug/kg	01/18/95	14[illegible]
			Acid Extractable Organics					
		A002	2-Chlorophenol	< 830		ug/kg	01/18/95	1460214
		A003	2,4-Dichlorophenol	< 830		ug/kg	01/18/95	1460214
		A004	2,4-Dimethylphenol	< 830		ug/kg	01/18/95	1460214
		A006	4,6-Dinitro-2-methylphenol	< 2100		ug/kg	01/18/95	1460214
		A007	2,4-Dinitrophenol	< 2100		ug/kg	01/18/95	1460214
		A008	2-Nitrophenol	< 830		ug/kg	01/18/95	1460214
		A009	4-Nitrophenol	< 2100		ug/kg	01/18/95	1460214
		A011	Pentachlorophenol	< 2100		ug/kg	01/18/95	1460214
		A012	Phenol	55	J	ug/kg	01/18/95	1460214
		A013	2,4,6-Trichlorophenol	< 830		ug/kg	01/18/95	1460214
		A014	2,4,5-Trichlorophenol	< 2100		ug/kg	01/18/95	1460214
		A015	2-Methylphenol (o-Cresol)	< 830		ug/kg	01/18/95	1460214
		A016	4-Methylphenol(p-Cresol)	< 830		ug/kg	01/18/95	1460214
		A020	4-Chloro-3-methylphenol	< 830		ug/kg	01/18/95	1460214
			Base/Neutral Organics					
		B001	Acenaphthene	< 830		ug/kg	01/18/95	1460214
		B002	Acenaphthylene	< 830		ug/kg	01/18/95	1460214
		B003	Anthracene	< 830		ug/kg	01/18/95	1460214
		B005	Benzo(a)anthracene	< 830		ug/kg	01/18/95	1460214
		B006	Benzo(a)Pyrene	< 830		ug/kg	01/18/95	1460214
		B007	Benzo(b)fluoranthene	< 830		ug/kg	01/18/95	1460214
		B008	Benzo(k)fluoranthene	< 830		ug/kg	01/18/95	1460214
		B010	Benzo(g,h,i)perylene	< 830		ug/kg	01/18/95	1460214
		B011	bis(2-Chloroethoxy)methane	< 830		ug/kg	01/18/95	1460214
		B012	bis(2-Chloroethyl)ether	< 830		ug/kg	01/18/95	1460214
		B013	bis(2-EthylHexyl)phthalate	260000		ug/kg	01/18/95	1460214
		B014	4-Bromophenyl-phenylether	< 830		ug/kg	01/18/95	1460214
		B015	Butylbenzylphthalate	< 830		ug/kg	01/18/95	1460214
		B016	2-Chloronaphthalene	< 830		ug/kg	01/18/95	1460214
		B017	4-Chlorophenyl-phenylether	170	J	ug/kg	01/18/95	1460214

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TABLE 2-16
Lake Poly Subsurface Soil Analytical Results
Supplemental Phase II Investigations
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
LPB-2(8-9)								
			Base/Neutral Organics					
		B018	Chrysene	< 830		ug/kg	01/18/95	1460214
		B019	Dibenzo(a,h)anthracene	< 830		ug/kg	01/18/95	1460214
		B020	1,2-Dichlorobenzene	170	J	ug/kg	01/18/95	1460214
		B021	1,3-Dichlorobenzene	< 830		ug/kg	01/18/95	1460214
		B022	1,4-Dichlorobenzene	230	J	ug/kg	01/18/95	1460214
		B023	3,3'-Dichlorobenzidine	< 830		ug/kg	01/18/95	1460214
		B024	Diethylphthalate	< 830		ug/kg	01/18/95	1460214
		B025	Dimethylphthalate	< 830		ug/kg	01/18/95	1460214
		B025	Dimethylphthalate	< 830		ug/kg	01/18/95	1460214
		B026	Di-n-butylphthalate	9100	B	ug/kg	01/18/95	1460214
		B028	2,6-Dinitrotoluene	< 830		ug/kg	01/18/95	1460214
		B029	Di-n-octylphthalate	110	J	ug/kg	01/18/95	1460214
		B031	Fluoranthene	82	J	ug/kg	01/18/95	1460214
		B032	Fluorene	< 830		ug/kg	01/18/95	1460214
		B033	Hexachlorobenzene	< 830		ug/kg	01/18/95	1460214
		B034	Hexachlorobutadiene	< 830		ug/kg	01/18/95	1460214
		B035	Hexachlorocyclopentadiene	< 830		ug/kg	01/18/95	1460214
		B036	Hexachloroethane	< 830		ug/kg	01/18/95	1460214
		B037	Indeno (1,2,3-cd) pyrene	< 830		ug/kg	01/18/95	1460214
		B038	Isophorone	< 830		ug/kg	01/18/95	1460214
		B039	Naphthalene	92	J	ug/kg	01/18/95	1460214
		B040	Nitrobenzene	< 830		ug/kg	01/18/95	1460214
		B042	N-Nitroso-di-n-propylamine	< 830		ug/kg	01/18/95	1460214
		B043	N-Nitrosodiphenylamine (1)	300000		ug/kg	01/18/95	1460214
		B044	Phenanthrene	280	J	ug/kg	01/18/95	1460214
		B045	Pyrene	98	J	ug/kg	01/18/95	1460214
		B046	1,2,4-Trichlorobenzene	88	J	ug/kg	01/18/95	1460214
		B052	4-Chloroaniline	< 830		ug/kg	01/18/95	1460214
		B053	Dibenzofuran	95	J	ug/kg	01/18/95	1460214
		B054	2-Methylnaphthalene	< 830		ug/kg	01/18/95	1460214
		B055	2-Nitroaniline	< 2100		ug/kg	01/18/95	1460214
		B056	3-Nitroaniline	< 2100		ug/kg	01/18/95	1460214
		B057	4-Nitroaniline	< 2100		ug/kg	01/18/95	1460214
		B058	bis(2-Chloroisopropyl)ether	< 830		ug/kg	01/18/95	1460214
		B180	Carbazole	< 830		ug/kg	01/18/95	1460214
			Metals					
		M001	Aluminum	2500		mg/kg	01/18/95	1460214
		M002	Antimony	< 0.5		mg/kg	01/18/95	1460214
		M003	Arsenic	2.5		mg/kg	01/18/95	1460214
		M004	Barium	13		mg/kg	01/18/95	1460214
		M005	Beryllium	< 0.5		mg/kg	01/18/95	1460214
		M006	Cadmium	< 1		mg/kg	01/18/95	1460214
		M007	Calcium	420		mg/kg	01/18/95	1460214
		M008	Chromium	1300		mg/kg	01/18/95	1460214
		M009	Cobalt	< 3		mg/kg	01/18/95	1460214
		M010	Copper	3.9		mg/kg	01/18/95	1460214
		M011	Iron	5200		mg/kg	01/18/95	1460214
		M012	Lead	13		mg/kg	01/18/95	1460214
		M013	Magnesium	880		mg/kg	01/18/95	1460214
		M014	Manganese	41		mg/kg	01/18/95	1460214
		M015	Mercury	0.52		mg/kg	01/18/95	1460214
		M016	Nickel	4.7		mg/kg	01/18/95	1460214
		M017	Potassium	260		mg/kg	01/18/95	1460214
		M018	Selenium	< 0.5		mg/kg	01/18/95	1460214
		M019	Silver	< 1.5		mg/kg	01/18/95	1460214
		M020	Sodium	39		mg/kg	01/18/95	1460214
		M021	Thallium	< 0.5		mg/kg	01/18/95	1460214
		M023	Vanadium	4.8		mg/kg	01/18/95	1460214
		M024	Zinc	28		mg/kg	01/18/95	1460214

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TABLE 2-16
Lake Poly Subsurface Soil Analytical Results
Supplemental Phase II Investigations
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
LPB-2(8-9)								
			Inorganic Non-metals					
		I005	Chloride	< 40		mg/kg	01/18/95	1460214
		I009	Nitrogen, Ammonia	170		mg/kg	01/18/95	1460214
		I018	Sulfate as SO4	85		mg/kg	01/18/95	1460214
			Physical Properties					
		F061	Total Solids, Residue	89		%	01/18/95	1460214

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TABLE 2-17

Groundwater and Surface Water Levels Along West and South Ditches

Olin Corporation
Wilmington, MA Facility

Well/Piezometer Location	Hydraulic Heads									
	Feb-95	May-95	Jul-95	Oct-95	Jan/Feb -96	April/May -96	Jul-96	Oct-96	Jan-97	Apr-97
GW-50-S	76.32	76.00	75.02	75.60	76.80	76.77	76.02	77.27	76.53	76.92
PZ-15	75.85	75.77	74.57	75.45	76.20	75.99	75.67	76.21	75.92	75.99
PZ-15-SW	75.80	75.77	dry	75.45	75.97	75.93	75.65	76.19	75.84	75.89
GW-79-S	78.79	78.60	77.18	77.71	79.14	78.96	78.20	79.19	78.91	79.03
PZ-16	78.84	78.54	77.26	77.50	79.26	79.01	78.36	79.23	78.96	79.33
PZ-16-SW	79.18	78.63	78.12	dry	--	79.08	78.38	79.25	79.06	79.19
GW-78-S	80.60	80.46	79.55	79.59	81.22	80.94	80.21	81.56	80.54	81.09
PZ-17	80.33	80.17	79.49	79.50	80.55	80.55	80.77	81.00	80.21	80.58
PZ-17-SW	79.22	79.07	78.96	79.01	79.40	79.29	78.89	79.48	79.06	79.11
Weir	81.09	80.99	80.25	80.29	79.96	81.10	80.68	81.18	79.96	80.24
GW-77-S	81.17	81.06	80.21	80.44	80.51	81.28	80.72	81.53	--	80.63
PZ-14	81.10	81.01	80.28	80.37	80.06	81.09	80.66	81.22	80.07	80.29
PZ-14-SW	81.10	80.99	80.30	80.37	79.91	81.05	80.67	81.17	80.02	80.25
GW-42-S	81.15	81.03	79.98	79.78	80.89	81.38	80.81	81.94	80.79	81.10
PZ-12	81.10	81.01	80.36	80.32	80.39	81.12	80.71	81.55	80.33	80.46
PZ-12-SW	81.10	81.01	80.31	80.36	80.27	81.08	80.68	81.16	80.28	80.30
GW-76-S	80.94	80.86	79.75	78.76	81.10	81.18	80.65	81.86	80.96	81.27
PZ-11	81.05	81.29	79.84	78.74	81.19	81.13	80.66	81.74	80.95	81.29
PZ-11-SW	81.05	--	80.56	dry	80.72	81.07	80.62	81.18	80.75	80.94

Notes:
-- : *Measurement not recorded.*

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TABLE 2-18

Summary of South Ditch Flow Calculations

Olin Corporation
Wilmington, MA Facility

Flume	3-May-96	21-May-96	3-Dec-96	7-Jan-97	16-Apr-97	30-Apr-97
1	29	21	203	32	27	115
2	36	16	199	31	35	44
3	74	-4	200	27	51	47
4	96	20	195	22	34	26
5	80	49	237	50	77	86
Total Flow	315	102	1034	162	224	318

* Negative flow values indicate flow too low for instrument to measure accurately

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TABLE 2-19
Groundwater Analytical Results
Volatile Organic Compounds
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
ALTRON B1								
			Volatile Organics					
		V003	Benzene	< 5		ug/l	07/15/93	1460169
		V003	Benzene	< 5		ug/l	10/17/96	1461259
		V005	Bromoform	< 5		ug/l	07/15/93	1460169
		V005	Bromoform	< 5		ug/l	10/17/96	1461259
		V006	Carbon Tetrachloride	< 5		ug/l	07/15/93	1460169
		V006	Carbon Tetrachloride	< 5		ug/l	10/17/96	1461259
		V007	Chlorobenzene	< 5		ug/l	07/15/93	1460169
		V007	Chlorobenzene	< 5		ug/l	10/17/96	1461259
		V008	Dibromochloromethane	< 5		ug/l	07/15/93	1460169
		V008	Dibromochloromethane	< 5		ug/l	10/17/96	1461259
		V009	Bromodichloromethane	< 5		ug/l	07/15/93	1460169
		V009	Bromodichloromethane	< 5		ug/l	10/17/96	1461259
		V009	Bromodichloromethane	< 5		ug/l	10/17/96	1461259
		V010	Chloroethane	< 10		ug/l	07/15/93	1460169
		V010	Chloroethane	< 10		ug/l	10/17/96	1461259
		V012	Chloroform	< 5		ug/l	07/15/93	1460169
		V015	1,1-Dichloroethane	< 5		ug/l	07/15/93	1460169
		V015	1,1-Dichloroethane	< 5		ug/l	10/17/96	1461259
		V016	1,2-Dichloroethane	< 5		ug/l	07/15/93	1460169
		V016	1,2-Dichloroethane	< 5		ug/l	10/17/96	1461259
		V017	1,1-Dichloroethene	< 5		ug/l	07/15/93	1460169
		V017	1,1-Dichloroethene	< 5		ug/l	10/17/96	1461259
		V018	1,2-Dichloropropane	< 5		ug/l	07/15/93	1460169
		V018	1,2-Dichloropropane	< 5		ug/l	10/17/96	1461259
		V019	cis-1,3-Dichloropropene	< 5		ug/l	07/15/93	1460169
		V019	cis-1,3-Dichloropropene	< 5		ug/l	10/17/96	1461259
		V020	Trans-1,3-Dichloropropene	< 5		ug/l	07/15/93	1460169
		V020	Trans-1,3-Dichloropropene	< 5		ug/l	10/17/96	1461259
		V021	Ethylbenzene	< 5		ug/l	07/15/93	1460169
		V021	Ethylbenzene	< 5		ug/l	10/17/96	1461259
		V022	Bromomethane(MethylBromide)	< 10		ug/l	07/15/93	1460169
		V022	Bromomethane(MethylBromide)	< 10		ug/l	10/17/96	1461259
		V023	Chloromethane(MethylChloride)	< 10		ug/l	07/15/93	1460169
		V023	Chloromethane(MethylChloride)	< 10		ug/l	10/17/96	1461259
		V024	Methylene Chloride	5	JB	ug/l	07/15/93	1460169
		V024	Methylene Chloride	< 5		ug/l	10/17/96	1461259
		V025	1,1,2,2-Tetrachloroethane	< 5		ug/l	07/15/93	1460169
		V025	1,1,2,2-Tetrachloroethane	< 5		ug/l	10/17/96	1461259
		V026	Tetrachloroethene (PCE)	2	J	ug/l	07/15/93	1460169
		V026	Tetrachloroethene (PCE)	< 5		ug/l	10/17/96	1461259
		V027	Toluene	< 5		ug/l	07/15/93	1460169
		V027	Toluene	< 5		ug/l	10/17/96	1461259
		V029	1,1,1-Trichloroethane	< 5		ug/l	07/15/93	1460169
		V029	1,1,1-Trichloroethane	< 5		ug/l	10/17/96	1461259
		V030	1,1,2-Trichloroethane	< 5		ug/l	07/15/93	1460169
		V030	1,1,2-Trichloroethane	< 5		ug/l	10/17/96	1461259
		V031	Trichloroethene (TCE)	50		ug/l	07/15/93	1460169
		V031	Trichloroethene (TCE)	12		ug/l	10/17/96	1461259
		V033	Styrene	< 5		ug/l	07/15/93	1460169
		V033	Styrene	< 5		ug/l	10/17/96	1461259
		V034	Vinyl Chloride	< 10		ug/l	07/15/93	1460169
		V034	Vinyl Chloride	< 10		ug/l	10/17/96	1461259
		V039	Xylenes, Total	< 5		ug/l	07/15/93	1460169
		V039	Xylenes, Total	< 5		ug/l	10/17/96	1461259
		V040	Acetone	< 15		ug/l	07/15/93	1460169
		V040	Acetone	7	J	ug/l	10/17/96	1461259
		V041	2-Butanone (MEK)	< 15		ug/l	07/15/93	1460169
		V041	2-Butanone (MEK)	< 10		ug/l	10/17/96	1461259
		V042	Carbon Disulfide	< 10		ug/l	07/15/93	1460169

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TABLE 2-19
Groundwater Analytical Results
Volatile Organic Compounds
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
ALTRON B1								
			Volatile Organics					
		V042	Carbon Disulfide	< 5		ug/l	10/17/96	1461259
		V043	2-Hexanone	< 15		ug/l	07/15/93	1460169
		V043	2-Hexanone	< 10		ug/l	10/17/96	1461259
		V044	4-Methyl-2-Pentanone (MIBK)	< 15		ug/l	07/15/93	1460169
		V044	4-Methyl-2-Pentanone (MIBK)	< 10		ug/l	10/17/96	1461259
		V045	Vinyl Acetate	< 15		ug/l	07/15/93	1460169
		V045	Vinyl Acetate	< 10		ug/l	10/17/96	1461259
		V075	1,2-Dichloroethene(total)	16		ug/l	07/15/93	1460169
		V075	1,2-Dichloroethene(total)	5		ug/l	10/17/96	1461259
		V155	2,4,4-Trimethyl-1-pentene	< 10		ug/l	07/15/93	1460169
		V155	2,4,4-Trimethyl-1-pentene	4	J	ug/l	10/17/96	1461259
		V253	2,4,4-Trimethyl-2-Pentene	< 10		ug/l	07/15/93	1460169
		V253	2,4,4-Trimethyl-2-Pentene	1	J	ug/l	10/17/96	1461259
ALTRON B3								
			Volatile Organics					
		V003	Benzene	< 5		ug/l	07/15/93	1460170
		V003	Benzene	< 5		ug/l	10/17/96	1461260
		V005	Bromoform	< 5		ug/l	07/15/93	1460170
		V005	Bromoform	< 5		ug/l	10/17/96	1461260
		V006	Carbon Tetrachloride	< 5		ug/l	07/15/93	1460170
		V006	Carbon Tetrachloride	< 5		ug/l	10/17/96	1461260
		V007	Chlorobenzene	< 5		ug/l	07/15/93	1460170
		V007	Chlorobenzene	< 5		ug/l	10/17/96	1461260
		V008	Dibromochloromethane	< 5		ug/l	07/15/93	[illegible]
		V008	Dibromochloromethane	< 5		ug/l	10/17/96	[illegible]
		V009	Bromodichloromethane	< 5		ug/l	07/15/93	1460170
		V009	Bromodichloromethane	< 5		ug/l	10/17/96	1461260
		V010	Chloroethane	< 10		ug/l	07/15/93	1460170
		V010	Chloroethane	< 10		ug/l	10/17/96	1461260
		V012	Chloroform	< 5		ug/l	07/15/93	1460170
		V012	Chloroform	< 5		ug/l	10/17/96	1461260
		V015	1,1-Dichloroethane	< 5		ug/l	07/15/93	1460170
		V015	1,1-Dichloroethane	< 5		ug/l	10/17/96	1461260
		V016	1,2-Dichloroethane	< 5		ug/l	07/15/93	1460170
		V016	1,2-Dichloroethane	< 5		ug/l	10/17/96	1461260
		V017	1,1-Dichloroethene	< 5		ug/l	07/15/93	1460170
		V017	1,1-Dichloroethene	< 5		ug/l	10/17/96	1461260
		V018	1,2-Dichloropropane	< 5		ug/l	07/15/93	1460170
		V018	1,2-Dichloropropane	< 5		ug/l	10/17/96	1461260
		V019	cis-1,3-Dichloropropene	< 5		ug/l	07/15/93	1460170
		V019	cis-1,3-Dichloropropene	< 5		ug/l	10/17/96	1461260
		V020	Trans-1,3-Dichloropropene	< 5		ug/l	07/15/93	1460170
		V020	Trans-1,3-Dichloropropene	< 5		ug/l	10/17/96	1461260
		V021	Ethylbenzene	< 5		ug/l	07/15/93	1460170
		V021	Ethylbenzene	< 5		ug/l	10/17/96	1461260
		V022	Bromomethane(MethylBromide)	< 10		ug/l	07/15/93	1460170
		V022	Bromomethane(MethylBromide)	< 10		ug/l	10/17/96	1461260
		V023	Chloromethane(MethylChloride)	< 10		ug/l	07/15/93	1460170
		V023	Chloromethane(MethylChloride)	< 10		ug/l	10/17/96	1461260
		V024	Methylene Chloride	9	JB	ug/l	07/15/93	1460170
		V024	Methylene Chloride	2	JB	ug/l	10/17/96	1461260
		V025	1,1,2,2-Tetrachloroethane	< 5		ug/l	07/15/93	1460170
		V025	1,1,2,2-Tetrachloroethane	< 5		ug/l	10/17/96	1461260
		V026	Tetrachloroethene (PCE)	< 5		ug/l	07/15/93	1460170
		V026	Tetrachloroethene (PCE)	< 5		ug/l	10/17/96	1461260
		V027	Toluene	< 5		ug/l	07/15/93	1460170
		V027	Toluene	< 5		ug/l	10/17/96	1461260
		V029	1,1,1-Trichloroethane	< 5		ug/l	07/15/93	1460170

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TABLE 2-19
Groundwater Analytical Results
Volatile Organic Compounds
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
ALTRON B3								
			Volatile Organics					
		V029	1,1,1-Trichloroethane	< 5		ug/l	10/17/96	1461260
		V030	1,1,2-Trichloroethane	< 5		ug/l	07/15/93	1460170
		V030	1,1,2-Trichloroethane	< 5		ug/l	10/17/96	1461260
		V031	Trichloroethene (TCE)	< 5		ug/l	07/15/93	1460170
		V031	Trichloroethene (TCE)	< 5		ug/l	10/17/96	1461260
		V033	Styrene	< 5		ug/l	07/15/93	1460170
		V033	Styrene	< 5		ug/l	10/17/96	1461260
		V034	Vinyl Chloride	< 10		ug/l	07/15/93	1460170
		V034	Vinyl Chloride	< 10		ug/l	10/17/96	1461260
		V039	Xylenes, Total	< 5		ug/l	07/15/93	1460170
		V039	Xylenes, Total	< 5		ug/l	10/17/96	1461260
		V040	Acetone	< 15		ug/l	07/15/93	1460170
		V040	Acetone	< 10		ug/l	10/17/96	1461260
		V041	2-Butanone (MEK)	< 15		ug/l	07/15/93	1460170
		V041	2-Butanone (MEK)	< 10		ug/l	10/17/96	1461260
		V042	Carbon Disulfide	< 10		ug/l	07/15/93	1460170
		V042	Carbon Disulfide	< 5		ug/l	10/17/96	1461260
		V043	2-Hexanone	< 15		ug/l	07/15/93	1460170
		V043	2-Hexanone	< 10		ug/l	10/17/96	1461260
		V044	4-Methyl-2-Pentanone (MIBK)	< 15		ug/l	07/15/93	1460170
		V044	4-Methyl-2-Pentanone (MIBK)	< 10		ug/l	10/17/96	1461260
		V045	Vinyl Acetate	< 15		ug/l	07/15/93	1460170
		V045	Vinyl Acetate	< 10		ug/l	10/17/96	1461260
		V075	1,2-Dichloroethene(total)	< 5		ug/l	07/15/93	1460170
		V075	1,2-Dichloroethene(total)	< 5		ug/l	10/17/96	1461260
		V155	2,4,4-Trimethyl-1-pentene	< 10		ug/l	07/15/93	1460170
		V155	2,4,4-Trimethyl-1-pentene	< 5		ug/l	10/17/96	1461260
		V253	2,4,4-Trimethyl-2-Pentene	< 10		ug/l	07/15/93	1460170
		V253	2,4,4-Trimethyl-2-Pentene	< 5		ug/l	10/17/96	1461260
GW-07								
			Volatile Organics					
		V003	Benzene	3	J	ug/l	12/18/96	1461377
		V005	Bromoform	180		ug/l	12/18/96	1461377
		V006	Carbon Tetrachloride	< 10		ug/l	12/18/96	1461377
		V007	Chlorobenzene	< 10		ug/l	12/18/96	1461377
		V008	Dibromochloromethane	54		ug/l	12/18/96	1461377
		V009	Bromodichloromethane	23		ug/l	12/18/96	1461377
		V010	Chloroethane	< 20		ug/l	12/18/96	1461377
		V012	Chloroform	14		ug/l	12/18/96	1461377
		V015	1,1-Dichloroethane	3	J	ug/l	12/18/96	1461377
		V016	1,2-Dichloroethane	13		ug/l	12/18/96	1461377
		V017	1,1-Dichloroethene	2	J	ug/l	12/18/96	1461377
		V018	1,2-Dichloropropane	< 10		ug/l	12/18/96	1461377
		V019	cis-1,3-Dichloropropene	< 10		ug/l	12/18/96	1461377
		V020	Trans-1,3-Dichloropropene	< 10		ug/l	12/18/96	1461377
		V021	Ethylbenzene	< 10		ug/l	12/18/96	1461377
		V022	Bromomethane(MethylBromide)	< 20		ug/l	12/18/96	1461377
		V023	Chloromethane(MethylChloride)	< 20		ug/l	12/18/96	1461377
		V024	Methylene Chloride	7	J	ug/l	12/18/96	1461377
		V025	1,1,2,2-Tetrachloroethane	< 10		ug/l	12/18/96	1461377
		V026	Tetrachloroethene (PCE)	< 10		ug/l	12/18/96	1461377
		V027	Toluene	22		ug/l	12/18/96	1461377
		V029	1,1,1-Trichloroethane	11		ug/l	12/18/96	1461377
		V030	1,1,2-Trichloroethane	< 10		ug/l	12/18/96	1461377
		V031	Trichloroethene (TCE)	2	J	ug/l	12/18/96	1461377
		V033	Styrene	< 10		ug/l	12/18/96	1461377
		V034	Vinyl Chloride	< 20		ug/l	12/18/96	1461377
		V039	Xylenes, Total	< 10		ug/l	12/18/96	1461377

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TABLE 2-19
Groundwater Analytical Results
Volatile Organic Compounds
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
GW-07								
			Volatile Organics					
		V040	Acetone	44		ug/l	12/18/96	1461377
		V041	2-Butanone (MEK)	< 20		ug/l	12/18/96	1461377
		V042	Carbon Disulfide	10		ug/l	12/18/96	1461377
		V043	2-Hexanone	< 20		ug/l	12/18/96	1461377
		V044	4-Methyl-2-Pentanone (MIBK)	< 20		ug/l	12/18/96	1461377
		V045	Vinyl Acetate	< 20		ug/l	12/18/96	1461377
		V075	1,2-Dichloroethene(total)	< 10		ug/l	12/18/96	1461377
		V155	2,4,4-Trimethyl-1-pentene	3	J	ug/l	12/18/96	1461377
		V253	2,4,4-Trimethyl-2-Pentene	< 10		ug/l	12/18/96	1461377
GW-10-S								
			Volatile Organics					
		V003	Benzene	< 5		ug/l	10/17/96	1461261
		V005	Bromoform	< 5		ug/l	10/17/96	1461261
		V006	Carbon Tetrachloride	< 5		ug/l	10/17/96	1461261
		V007	Chlorobenzene	< 5		ug/l	10/17/96	1461261
		V008	Dibromochloromethane	< 5		ug/l	10/17/96	1461261
		V009	Bromodichloromethane	< 5		ug/l	10/17/96	1461261
		V010	Chloroethane	< 10		ug/l	10/17/96	1461261
		V012	Chloroform	< 5		ug/l	10/17/96	1461261
		V015	1,1-Dichloroethane	< 5		ug/l	10/17/96	1461261
		V016	1,2-Dichloroethane	< 5		ug/l	10/17/96	1461261
		V017	1,1-Dichloroethene	< 5		ug/l	10/17/96	1461261
		V018	1,2-Dichloropropane	< 5		ug/l	10/17/96	1461261
		V019	cis-1,3-Dichloropropene	< 5		ug/l	10/17/96	14[illegible]
		V020	Trans-1,3-Dichloropropene	< 5		ug/l	10/17/96	1[illegible]
		V021	Ethylbenzene	< 5		ug/l	10/17/96	14[illegible]
		V022	Bromomethane(MethylBromide)	< 10		ug/l	10/17/96	1461261
		V023	Chloromethane(MethylChloride)	< 10		ug/l	10/17/96	1461261
		V024	Methylene Chloride	3	JB	ug/l	10/17/96	1461261
		V025	1,1,2,2-Tetrachloroethane	< 5		ug/l	10/17/96	1461261
		V026	Tetrachloroethene (PCE)	< 5		ug/l	10/17/96	1461261
		V027	Toluene	1	JB	ug/l	10/17/96	1461261
		V029	1,1,1-Trichloroethane	< 5		ug/l	10/17/96	1461261
		V030	1,1,2-Trichloroethane	< 5		ug/l	10/17/96	1461261
		V031	Trichloroethene (TCE)	< 5		ug/l	10/17/96	1461261
		V033	Styrene	< 5		ug/l	10/17/96	1461261
		V034	Vinyl Chloride	< 10		ug/l	10/17/96	1461261
		V039	Xylenes, Total	< 5		ug/l	10/17/96	1461261
		V040	Acetone	< 10		ug/l	10/17/96	1461261
		V041	2-Butanone (MEK)	< 10		ug/l	10/17/96	1461261
		V042	Carbon Disulfide	< 5		ug/l	10/17/96	1461261
		V043	2-Hexanone	< 10		ug/l	10/17/96	1461261
		V044	4-Methyl-2-Pentanone (MIBK)	< 10		ug/l	10/17/96	1461261
		V045	Vinyl Acetate	< 10		ug/l	10/17/96	1461261
		V075	1,2-Dichloroethene(total)	< 5		ug/l	10/17/96	1461261
		V155	2,4,4-Trimethyl-1-pentene	< 5		ug/l	10/17/96	1461261
		V253	2,4,4-Trimethyl-2-Pentene	< 5		ug/l	10/17/96	1461261
GW-25								
			Volatile Organics					
		V003	Benzene	< 5		ug/l	10/17/96	1461262
		V005	Bromoform	< 5		ug/l	10/17/96	1461262
		V006	Carbon Tetrachloride	< 5		ug/l	10/17/96	1461262
		V006	Carbon Tetrachloride	< 5		ug/l	10/17/96	1461262
		V007	Chlorobenzene	< 5		ug/l	10/17/96	1461262
		V008	Dibromochloromethane	< 5		ug/l	10/17/96	1461262
		V009	Bromodichloromethane	< 5		ug/l	10/17/96	1461262
		V010	Chloroethane	< 10		ug/l	10/17/96	1461262

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TABLE 2-19
Groundwater Analytical Results
Volatile Organic Compounds
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
GW-25								
			Volatile Organics					
		V012	Chloroform	< 5		ug/l	10/17/96	1461262
		V015	1,1-Dichloroethane	< 5		ug/l	10/17/96	1461262
		V016	1,2-Dichloroethane	< 5		ug/l	10/17/96	1461262
		V017	1,1-Dichloroethene	< 5		ug/l	10/17/96	1461262
		V019	cis-1,3-Dichloropropene	< 5		ug/l	10/17/96	1461262
		V020	Trans-1,3-Dichloropropene	< 5		ug/l	10/17/96	1461262
		V021	Ethylbenzene	< 5		ug/l	10/17/96	1461262
		V022	Bromomethane(MethylBromide)	< 10		ug/l	10/17/96	1461262
		V023	Chloromethane(MethylChloride)	< 10		ug/l	10/17/96	1461262
		V024	Methylene Chloride	< 5		ug/l	10/17/96	1461262
		V025	1,1,2,2-Tetrachloroethane	< 5		ug/l	10/17/96	1461262
		V026	Tetrachloroethene (PCE)	< 5		ug/l	10/17/96	1461262
		V027	Toluene	< 5		ug/l	10/17/96	1461262
		V029	1,1,1-Trichloroethane	< 5		ug/l	10/17/96	1461262
		V030	1,1,2-Trichloroethane	< 5		ug/l	10/17/96	1461262
		V031	Trichloroethene (TCE)	< 5		ug/l	10/17/96	1461262
		V033	Styrene	< 5		ug/l	10/17/96	1461262
		V034	Vinyl Chloride	< 10		ug/l	10/17/96	1461262
		V039	Xylenes, Total	< 5		ug/l	10/17/96	1461262
		V040	Acetone	9	J	ug/l	10/17/96	1461262
		V041	2-Butanone (MEK)	< 10		ug/l	10/17/96	1461262
		V042	Carbon Disulfide	< 5		ug/l	10/17/96	1461262
		V043	2-Hexanone	< 10		ug/l	10/17/96	1461262
		V044	4-Methyl-2-Pentanone (MIBK)	< 10		ug/l	10/17/96	1461262
		V045	Vinyl Acetate	< 10		ug/l	10/17/96	1461262
		V075	1,2-Dichloroethene(total)	< 5		ug/l	10/17/96	1461262
		V155	2,4,4-Trimethyl-1-pentene	8		ug/l	10/17/96	1461262
		V253	2,4,4-Trimethyl-2-Pentene	2	J	ug/l	10/17/96	1461262
GW-28-S								
			Volatile Organics					
		V003	Benzene	< 5		ug/l	10/17/96	1461263
		V005	Bromoform	< 5		ug/l	10/17/96	1461263
		V006	Carbon Tetrachloride	< 5		ug/l	10/17/96	1461263
		V007	Chlorobenzene	< 5		ug/l	10/17/96	1461263
		V008	Dibromochloromethane	< 5		ug/l	10/17/96	1461263
		V009	Bromodichloromethane	< 5		ug/l	10/17/96	1461263
		V010	Chloroethane	< 10		ug/l	10/17/96	1461263
		V012	Chloroform	< 5		ug/l	10/17/96	1461263
		V015	1,1-Dichloroethane	< 5		ug/l	10/17/96	1461263
		V016	1,2-Dichloroethane	< 5		ug/l	10/17/96	1461263
		V017	1,1-Dichloroethene	< 5		ug/l	10/17/96	1461263
		V018	1,2-Dichloropropane	< 5		ug/l	10/17/96	1461263
		V019	cis-1,3-Dichloropropene	< 5		ug/l	10/17/96	1461263
		V020	Trans-1,3-Dichloropropene	< 5		ug/l	10/17/96	1461263
		V021	Ethylbenzene	< 5		ug/l	10/17/96	1461263
		V022	Bromomethane(MethylBromide)	< 10		ug/l	10/17/96	1461263
		V023	Chloromethane(MethylChloride)	< 10		ug/l	10/17/96	1461263
		V024	Methylene Chloride	1	J	ug/l	10/17/96	1461263
		V025	1,1,2,2-Tetrachloroethane	< 5		ug/l	10/17/96	1461263
		V026	Tetrachloroethene (PCE)	< 5		ug/l	10/17/96	1461263
		V027	Toluene	< 5		ug/l	10/17/96	1461263
		V029	1,1,1-Trichloroethane	< 5		ug/l	10/17/96	1461263
		V030	1,1,2-Trichloroethane	< 5		ug/l	10/17/96	1461263
		V031	Trichloroethene (TCE)	< 5		ug/l	10/17/96	1461263
		V033	Styrene	< 5		ug/l	10/17/96	1461263
		V034	Vinyl Chloride	< 10		ug/l	10/17/96	1461263
		V039	Xylenes, Total	< 5		ug/l	10/17/96	1461263
		V040	Acetone	8	J	ug/l	10/17/96	1461263

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TABLE 2-19
Groundwater Analytical Results
Volatile Organic Compounds
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID		Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
GW-28-S									
				Volatile Organics					
			V041	2-Butanone (MEK)	< 10		ug/l	10/17/96	1461263
			V042	Carbon Disulfide	< 5		ug/l	10/17/96	1461263
			V043	2-Hexanone	< 10		ug/l	10/17/96	1461263
			V044	4-Methyl-2-Pentanone (MIBK)	< 10		ug/l	10/17/96	1461263
			V045	Vinyl Acetate	< 10		ug/l	10/17/96	1461263
			V075	1,2-Dichloroethene(total)	< 5		ug/l	10/17/96	1461263
			V155	2,4,4-Trimethyl-1-pentene	5		ug/l	10/17/96	1461263
			V253	2,4,4-Trimethyl-2-Pentene	0.9	J	ug/l	10/17/96	1461263
GW-42-S									
				Volatile Organics					
			V003	Benzene	< 5		ug/l	10/16/96	1461265
	DUP OF	1461265	V003	Benzene	< 5		ug/l	10/16/96	1461276
			V005	Bromoform	< 5		ug/l	10/16/96	1461265
	DUP OF	1461265	V005	Bromoform	< 5		ug/l	10/16/96	1461276
			V006	Carbon Tetrachloride	< 5		ug/l	10/16/96	1461265
	DUP OF	1461265	V006	Carbon Tetrachloride	< 5		ug/l	10/16/96	1461276
			V007	Chlorobenzene	< 5		ug/l	10/16/96	1461265
	DUP OF	1461265	V007	Chlorobenzene	< 5		ug/l	10/16/96	1461276
			V008	Dibromochloromethane	< 5		ug/l	10/16/96	1461265
	DUP OF	1461265	V008	Dibromochloromethane	< 5		ug/l	10/16/96	1461276
			V009	Bromodichloromethane	< 5		ug/l	10/16/96	1461265
	DUP OF	1461265	V009	Bromodichloromethane	< 5		ug/l	10/16/96	1461276
			V010	Chloroethane	< 10		ug/l	10/16/96	1461265
	DUP OF	1461265	V010	Chloroethane	< 10		ug/l	10/16/96	[illegible]
			V012	Chloroform	< 5		ug/l	10/16/96	[illegible]
	DUP OF	1461265	V012	Chloroform	< 5		ug/l	10/16/96	1461276
			V015	1,1-Dichloroethane	< 5		ug/l	10/16/96	1461265
	DUP OF	1461265	V015	1,1-Dichloroethane	< 5		ug/l	10/16/96	1461276
			V016	1,2-Dichloroethane	< 5		ug/l	10/16/96	1461265
	DUP OF	1461265	V016	1,2-Dichloroethane	< 5		ug/l	10/16/96	1461276
			V017	1,1-Dichloroethene	< 5		ug/l	10/16/96	1461265
	DUP OF	1461265	V017	1,1-Dichloroethene	< 5		ug/l	10/16/96	1461276
			V018	1,2-Dichloropropane	< 5		ug/l	10/16/96	1461265
	DUP OF	1461265	V018	1,2-Dichloropropane	< 5		ug/l	10/16/96	1461276
			V019	cis-1,3-Dichloropropene	< 5		ug/l	10/16/96	1461265
	DUP OF	1461265	V019	cis-1,3-Dichloropropene	< 5		ug/l	10/16/96	1461276
			V020	Trans-1,3-Dichloropropene	< 5		ug/l	10/16/96	1461265
	DUP OF	1461265	V020	Trans-1,3-Dichloropropene	< 5		ug/l	10/16/96	1461276
			V021	Ethylbenzene	< 5		ug/l	10/16/96	1461265
	DUP OF	1461265	V021	Ethylbenzene	< 5		ug/l	10/16/96	1461276
			V022	Bromomethane(MethylBromide)	< 10		ug/l	10/16/96	1461265
	DUP OF	1461265	V022	Bromomethane(MethylBromide)	< 10		ug/l	10/16/96	1461276
			V023	Chloromethane(MethylChloride)	< 10		ug/l	10/16/96	1461265
	DUP OF	1461265	V023	Chloromethane(MethylChloride)	< 10		ug/l	10/16/96	1461276
			V024	Methylene Chloride	< 5		ug/l	10/16/96	1461265
	DUP OF	1461265	V024	Methylene Chloride	2	JB	ug/l	10/16/96	1461276
			V025	1,1,2,2-Tetrachloroethane	< 5		ug/l	10/16/96	1461265
	DUP OF	1461265	V025	1,1,2,2-Tetrachloroethane	< 5		ug/l	10/16/96	1461276
			V026	Tetrachloroethene (PCE)	< 5		ug/l	10/16/96	1461265
	DUP OF	1461265	V026	Tetrachloroethene (PCE)	< 5		ug/l	10/16/96	1461276
			V027	Toluene	< 5		ug/l	10/16/96	1461265
	DUP OF	1461265	V027	Toluene	< 5		ug/l	10/16/96	1461276
			V029	1,1,1-Trichloroethane	< 5		ug/l	10/16/96	1461265
	DUP OF	1461265	V029	1,1,1-Trichloroethane	< 5		ug/l	10/16/96	1461276
			V030	1,1,2-Trichloroethane	< 5		ug/l	10/16/96	1461265
	DUP OF	1461265	V030	1,1,2-Trichloroethane	< 5		ug/l	10/16/96	1461276
			V031	Trichloroethene (TCE)	< 5		ug/l	10/16/96	1461265
	DUP OF	1461265	V031	Trichloroethene (TCE)	< 5		ug/l	10/16/96	1461276

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TABLE 2-19
Groundwater Analytical Results
Volatile Organic Compounds
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID		Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
GW-42-S									
				Volatile Organics					
			V033	Styrene	< 5		ug/l	10/16/96	1461265
	DUP OF	1461265	V033	Styrene	< 5		ug/l	10/16/96	1461276
			V034	Vinyl Chloride	< 10		ug/l	10/16/96	1461265
	DUP OF	1461265	V034	Vinyl Chloride	< 10		ug/l	10/16/96	1461276
			V039	Xylenes, Total	< 5		ug/l	10/16/96	1461265
	DUP OF	1461265	V039	Xylenes, Total	< 5		ug/l	10/16/96	1461276
			V040	Acetone	< 10		ug/l	10/16/96	1461265
	DUP OF	1461265	V040	Acetone	< 10		ug/l	10/16/96	1461276
			V041	2-Butanone (MEK)	< 10		ug/l	10/16/96	1461265
	DUP OF	1461265	V041	2-Butanone (MEK)	< 10		ug/l	10/16/96	1461276
			V042	Carbon Disulfide	< 5		ug/l	10/16/96	1461265
	DUP OF	1461265	V042	Carbon Disulfide	< 5		ug/l	10/16/96	1461276
			V043	2-Hexanone	< 10		ug/l	10/16/96	1461265
	DUP OF	1461265	V043	2-Hexanone	< 10		ug/l	10/16/96	1461276
			V044	4-Methyl-2-Pentanone (MIBK)	< 10		ug/l	10/16/96	1461265
	DUP OF	1461265	V044	4-Methyl-2-Pentanone (MIBK)	< 10		ug/l	10/16/96	1461276
			V045	Vinyl Acetate	< 10		ug/l	10/16/96	1461265
	DUP OF	1461265	V045	Vinyl Acetate	< 10		ug/l	10/16/96	1461276
			V075	1,2-Dichloroethene(total)	< 5		ug/l	10/16/96	1461265
	DUP OF	1461265	V075	1,2-Dichloroethene(total)	< 5		ug/l	10/16/96	1461276
			V155	2,4,4-Trimethyl-1-pentene	< 5		ug/l	10/16/96	1461265
	DUP OF	1461265	V155	2,4,4-Trimethyl-1-pentene	< 5		ug/l	10/16/96	1461276
			V253	2,4,4-Trimethyl-2-Pentene	< 5		ug/l	10/16/96	1461265
	DUP OF	1461265	V253	2,4,4-Trimethyl-2-Pentene	< 5		ug/l	10/16/96	1461276
GW-43-S									
				Volatile Organics					
			V003	Benzene	< 5		ug/l	10/16/96	1461264
			V005	Bromoform	6		ug/l	10/16/96	1461264
			V006	Carbon Tetrachloride	< 5		ug/l	10/16/96	1461264
			V007	Chlorobenzene	< 5		ug/l	10/16/96	1461264
			V008	Dibromochloromethane	2	J	ug/l	10/16/96	1461264
			V009	Bromodichloromethane	< 5		ug/l	10/16/96	1461264
			V010	Chloroethane	< 10		ug/l	10/16/96	1461264
			V012	Chloroform	< 5		ug/l	10/16/96	1461264
			V015	1,1-Dichloroethane	0.8	J	ug/l	10/16/96	1461264
			V016	1,2-Dichloroethane	< 5		ug/l	10/16/96	1461264
			V017	1,1-Dichloroethene	< 5		ug/l	10/16/96	1461264
			V018	1,2-Dichloropropane	< 5		ug/l	10/16/96	1461264
			V019	cis-1,3-Dichloropropene	< 5		ug/l	10/16/96	1461264
			V020	Trans-1,3-Dichloropropene	< 5		ug/l	10/16/96	1461264
			V021	Ethylbenzene	< 5		ug/l	10/16/96	1461264
			V022	Bromomethane(MethylBromide)	< 10		ug/l	10/16/96	1461264
			V023	Chloromethane(MethylChloride)	< 10		ug/l	10/16/96	1461264
			V024	Methylene Chloride	0.8	J	ug/l	10/16/96	1461264
			V025	1,1,2,2-Tetrachloroethane	< 5		ug/l	10/16/96	1461264
			V026	Tetrachloroethene (PCE)	< 5		ug/l	10/16/96	1461264
			V027	Toluene	< 5		ug/l	10/16/96	1461264
			V029	1,1,1-Trichloroethane	< 5		ug/l	10/16/96	1461264
			V030	1,1,2-Trichloroethane	< 5		ug/l	10/16/96	1461264
			V031	Trichloroethene (TCE)	< 5		ug/l	10/16/96	1461264
			V033	Styrene	< 5		ug/l	10/16/96	1461264
			V034	Vinyl Chloride	< 10		ug/l	10/16/96	1461264
			V039	Xylenes, Total	< 5		ug/l	10/16/96	1461264
			V040	Acetone	< 10		ug/l	10/16/96	1461264
			V041	2-Butanone (MEK)	< 10		ug/l	10/16/96	1461264
			V042	Carbon Disulfide	< 5		ug/l	10/16/96	1461264
			V043	2-Hexanone	< 10		ug/l	10/16/96	1461264
			V044	4-Methyl-2-Pentanone (MIBK)	< 10		ug/l	10/16/96	1461264

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TABLE 2-19
Groundwater Analytical Results
Volatile Organic Compounds
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
GW-43-S								
			Volatile Organics					
		V045	Vinyl Acetate	< 10		ug/l	10/16/96	1461264
		V075	1,2-Dichloroethene(total)	< 5		ug/l	10/16/96	1461264
		V155	2,4,4-Trimethyl-1-pentene	27		ug/l	10/16/96	1461264
		V253	2,4,4-Trimethyl-2-Pentene	8		ug/l	10/16/96	1461264
GW-44-S								
			Volatile Organics					
		V003	Benzene	< 5		ug/l	10/17/96	1461270
		V005	Bromoform	< 5		ug/l	10/17/96	1461270
		V006	Carbon Tetrachloride	< 5		ug/l	10/17/96	1461270
		V007	Chlorobenzene	< 5		ug/l	10/17/96	1461270
		V008	Dibromochloromethane	< 5		ug/l	10/17/96	1461270
		V009	Bromodichloromethane	< 5		ug/l	10/17/96	1461270
		V010	Chloroethane	< 10		ug/l	10/17/96	1461270
		V012	Chloroform	< 5		ug/l	10/17/96	1461270
		V015	1,1-Dichloroethane	< 5		ug/l	10/17/96	1461270
		V016	1,2-Dichloroethane	< 5		ug/l	10/17/96	1461270
		V017	1,1-Dichloroethene	< 5		ug/l	10/17/96	1461270
		V018	1,2-Dichloropropane	< 5		ug/l	10/17/96	1461270
		V019	cis-1,3-Dichloropropene	< 5		ug/l	10/17/96	1461270
		V020	Trans-1,3-Dichloropropene	< 5		ug/l	10/17/96	1461270
		V021	Ethylbenzene	< 5		ug/l	10/17/96	1461270
		V022	Bromomethane(MethylBromide)	< 10		ug/l	10/17/96	1461270
		V023	Chloromethane(MethylChloride)	< 10		ug/l	10/17/96	1461270
		V024	Methylene Chloride	< 5		ug/l	10/17/96	14[illegible]0
		V025	1,1,2,2-Tetrachloroethane	< 5		ug/l	10/17/96	1[illegible]
		V026	Tetrachloroethene (PCE)	< 5		ug/l	10/17/96	14[illegible]0
		V027	Toluene	< 5		ug/l	10/17/96	1461270
		V029	1,1,1-Trichloroethane	< 5		ug/l	10/17/96	1461270
		V030	1,1,2-Trichloroethane	< 5		ug/l	10/17/96	1461270
		V031	Trichloroethene (TCE)	< 5		ug/l	10/17/96	1461270
		V033	Styrene	< 5		ug/l	10/17/96	1461270
		V034	Vinyl Chloride	< 10		ug/l	10/17/96	1461270
		V039	Xylenes, Total	< 5		ug/l	10/17/96	1461270
		V040	Acetone	< 10		ug/l	10/17/96	1461270
		V041	2-Butanone (MEK)	< 10		ug/l	10/17/96	1461270
		V042	Carbon Disulfide	< 5		ug/l	10/17/96	1461270
		V043	2-Hexanone	< 10		ug/l	10/17/96	1461270
		V044	4-Methyl-2-Pentanone (MIBK)	< 10		ug/l	10/17/96	1461270
		V045	Vinyl Acetate	< 10		ug/l	10/17/96	1461270
		V075	1,2-Dichloroethene(total)	< 5		ug/l	10/17/96	1461270
		V155	2,4,4-Trimethyl-1-pentene	< 5		ug/l	10/17/96	1461270
		V253	2,4,4-Trimethyl-2-Pentene	< 5		ug/l	10/17/96	1461270
GW-45-S								
			Volatile Organics					
		V003	Benzene	< 5		ug/l	10/17/96	1461271
		V005	Bromoform	< 5		ug/l	10/17/96	1461271
		V006	Carbon Tetrachloride	< 5		ug/l	10/17/96	1461271
		V007	Chlorobenzene	< 5		ug/l	10/17/96	1461271
		V008	Dibromochloromethane	< 5		ug/l	10/17/96	1461271
		V009	Bromodichloromethane	< 5		ug/l	10/17/96	1461271
		V010	Chloroethane	< 10		ug/l	10/17/96	1461271
		V012	Chloroform	< 5		ug/l	10/17/96	1461271
		V015	1,1-Dichloroethane	< 5		ug/l	10/17/96	1461271
		V016	1,2-Dichloroethane	< 5		ug/l	10/17/96	1461271
		V017	1,1-Dichloroethene	< 5		ug/l	10/17/96	1461271
		V018	1,2-Dichloropropane	< 5		ug/l	10/17/96	1461271
		V019	cis-1,3-Dichloropropene	< 5		ug/l	10/17/96	1461271

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TABLE 2-19
Groundwater Analytical Results
Volatile Organic Compounds
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
GW-45-S								
			Volatile Organics					
		V020	Trans-1,3-Dichloropropene	< 5		ug/l	10/17/96	1461271
		V021	Ethylbenzene	< 5		ug/l	10/17/96	1461271
		V022	Bromomethane(MethylBromide)	< 10		ug/l	10/17/96	1461271
		V023	Chloromethane(MethylChloride)	< 10		ug/l	10/17/96	1461271
		V024	Methylene Chloride	2	JB	ug/l	10/17/96	1461271
		V025	1,1,2,2-Tetrachloroethane	< 5		ug/l	10/17/96	1461271
		V026	Tetrachloroethene (PCE)	< 5		ug/l	10/17/96	1461271
		V027	Toluene	< 5		ug/l	10/17/96	1461271
		V029	1,1,1-Trichloroethane	< 5		ug/l	10/17/96	1461271
		V030	1,1,2-Trichloroethane	< 5		ug/l	10/17/96	1461271
		V031	Trichloroethene (TCE)	< 5		ug/l	10/17/96	1461271
		V033	Styrene	< 5		ug/l	10/17/96	1461271
		V034	Vinyl Chloride	< 10		ug/l	10/17/96	1461271
		V039	Xylenes, Total	< 5		ug/l	10/17/96	1461271
		V040	Acetone	< 10		ug/l	10/17/96	1461271
		V041	2-Butanone (MEK)	< 10		ug/l	10/17/96	1461271
		V042	Carbon Disulfide	< 5		ug/l	10/17/96	1461271
		V043	2-Hexanone	< 10		ug/l	10/17/96	1461271
		V044	4-Methyl-2-Pentanone (MIBK)	< 10		ug/l	10/17/96	1461271
		V045	Vinyl Acetate	< 10		ug/l	10/17/96	1461271
		V075	1,2-Dichloroethene(total)	< 5		ug/l	10/17/96	1461271
		V155	2,4,4-Trimethyl-1-pentene	< 5		ug/l	10/17/96	1461271
		V253	2,4,4-Trimethyl-2-Pentene	< 5		ug/l	10/17/96	1461271
GW-47								
			Volatile Organics					
		V003	Benzene	< 5		ug/l	10/16/96	1461272
		V005	Bromoform	< 5		ug/l	10/16/96	1461272
		V006	Carbon Tetrachloride	< 5		ug/l	10/16/96	1461272
		V007	Chlorobenzene	< 5		ug/l	10/16/96	1461272
		V008	Dibromochloromethane	< 5		ug/l	10/16/96	1461272
		V009	Bromodichloromethane	< 5		ug/l	10/16/96	1461272
		V010	Chloroethane	< 10		ug/l	10/16/96	1461272
		V012	Chloroform	< 5		ug/l	10/16/96	1461272
		V015	1,1-Dichloroethane	< 5		ug/l	10/16/96	1461272
		V016	1,2-Dichloroethane	< 5		ug/l	10/16/96	1461272
		V017	1,1-Dichloroethene	< 5		ug/l	10/16/96	1461272
		V018	1,2-Dichloropropane	< 5		ug/l	10/16/96	1461272
		V019	cis-1,3-Dichloropropene	< 5		ug/l	10/16/96	1461272
		V020	Trans-1,3-Dichloropropene	< 5		ug/l	10/16/96	1461272
		V021	Ethylbenzene	< 5		ug/l	10/16/96	1461272
		V022	Bromomethane(MethylBromide)	< 10		ug/l	10/16/96	1461272
		V023	Chloromethane(MethylChloride)	< 10		ug/l	10/16/96	1461272
		V024	Methylene Chloride	2	JB	ug/l	10/16/96	1461272
		V025	1,1,2,2-Tetrachloroethane	< 5		ug/l	10/16/96	1461272
		V026	Tetrachloroethene (PCE)	< 5		ug/l	10/16/96	1461272
		V027	Toluene	< 5		ug/l	10/16/96	1461272
		V029	1,1,1-Trichloroethane	< 5		ug/l	10/16/96	1461272
		V030	1,1,2-Trichloroethane	< 5		ug/l	10/16/96	1461272
		V031	Trichloroethene (TCE)	< 5		ug/l	10/16/96	1461272
		V033	Styrene	< 5		ug/l	10/16/96	1461272
		V034	Vinyl Chloride	< 10		ug/l	10/16/96	1461272
		V039	Xylenes, Total	< 5		ug/l	10/16/96	1461272
		V040	Acetone	< 10		ug/l	10/16/96	1461272
		V041	2-Butanone (MEK)	< 10		ug/l	10/16/96	1461272
		V042	Carbon Disulfide	< 5		ug/l	10/16/96	1461272
		V043	2-Hexanone	< 10		ug/l	10/16/96	1461272
		V044	4-Methyl-2-Pentanone (MIBK)	< 10		ug/l	10/16/96	1461272
		V045	Vinyl Acetate	< 10		ug/l	10/16/96	1461272

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TABLE 2-19
Groundwater Analytical Results
Volatile Organic Compounds
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
GW-47								
			Volatile Organics					
		V075	1,2-Dichloroethene(total)	< 5		ug/l	10/16/96	1461272
		V155	2,4,4-Trimethyl-1-pentene	< 5		ug/l	10/16/96	1461272
		V253	2,4,4-Trimethyl-2-Pentene	< 5		ug/l	10/16/96	1461272
GW-65-BR								
			Volatile Organics					
		V003	Benzene	< 5		ug/l	10/19/95	1460602
		V005	Bromoform	< 5		ug/l	10/19/95	1460602
		V006	Carbon Tetrachloride	< 5		ug/l	10/19/95	1460602
		V007	Chlorobenzene	< 5		ug/l	10/19/95	1460602
		V008	Dibromochloromethane	< 5		ug/l	10/19/95	1460602
		V009	Bromodichloromethane	< 5		ug/l	10/19/95	1460602
		V010	Chloroethane	< 10		ug/l	10/19/95	1460602
		V012	Chloroform	< 5		ug/l	10/19/95	1460602
		V015	1,1-Dichloroethane	< 5		ug/l	10/19/95	1460602
		V016	1,2-Dichloroethane	< 5		ug/l	10/19/95	1460602
		V017	1,1-Dichloroethene	< 5		ug/l	10/19/95	1460602
		V018	1,2-Dichloropropane	< 5		ug/l	10/19/95	1460602
		V019	cis-1,3-Dichloropropene	< 5		ug/l	10/19/95	1460602
		V020	Trans-1,3-Dichloropropene	< 5		ug/l	10/19/95	1460602
		V021	Ethylbenzene	< 5		ug/l	10/19/95	1460602
		V022	Bromomethane(MethylBromide)	< 10		ug/l	10/19/95	1460602
		V023	Chloromethane(MethylChloride)	< 10		ug/l	10/19/95	1460602
		V024	Methylene Chloride	< 10		ug/l	10/19/95	1460602
		V025	1,1,2,2-Tetrachloroethane	< 5		ug/l	10/19/95	1[illegible]2
		V026	Tetrachloroethene (PCE)	< 5		ug/l	10/19/95	1[illegible]2
		V027	Toluene	< 10	u	ug/l	10/19/95	1460602
		V029	1,1,1-Trichloroethane	< 5		ug/l	10/19/95	1460602
		V030	1,1,2-Trichloroethane	< 5		ug/l	10/19/95	1460602
		V031	Trichloroethene (TCE)	< 5		ug/l	10/19/95	1460602
		V033	Styrene	< 5		ug/l	10/19/95	1460602
		V034	Vinyl Chloride	< 10		ug/l	10/19/95	1460602
		V039	Xylenes, Total	1	Jj	ug/l	10/19/95	1460602
		V040	Acetone	< 10	Ju	ug/l	10/19/95	1460602
		V041	2-Butanone (MEK)	< 15		ug/l	10/19/95	1460602
		V042	Carbon Disulfide	< 10		ug/l	10/19/95	1460602
		V043	2-Hexanone	< 15		ug/l	10/19/95	1460602
		V044	4-Methyl-2-Pentanone (MIBK)	< 15		ug/l	10/19/95	1460602
		V045	Vinyl Acetate	< 15		ug/l	10/19/95	1460602
		V075	1,2-Dichloroethene(total)	< 5		ug/l	10/19/95	1460602
		V155	2,4,4-Trimethyl-1-pentene	< 10		ug/l	10/19/95	1460602
		V253	2,4,4-Trimethyl-2-Pentene	< 10		ug/l	10/19/95	1460602
GW-69-S								
			Volatile Organics					
		V003	Benzene	< 5		ug/l	10/16/96	1461273
		V005	Bromoform	< 5		ug/l	10/16/96	1461273
		V006	Carbon Tetrachloride	< 5		ug/l	10/16/96	1461273
		V007	Chlorobenzene	< 5		ug/l	10/16/96	1461273
		V008	Dibromochloromethane	< 5		ug/l	10/16/96	1461273
		V009	Bromodichloromethane	< 5		ug/l	10/16/96	1461273
		V010	Chloroethane	< 10		ug/l	10/16/96	1461273
		V012	Chloroform	< 5		ug/l	10/16/96	1461273
		V015	1,1-Dichloroethane	< 5		ug/l	10/16/96	1461273
		V016	1,2-Dichloroethane	< 5		ug/l	10/16/96	1461273
		V017	1,1-Dichloroethene	< 5		ug/l	10/16/96	1461273
		V018	1,2-Dichloropropane	< 5		ug/l	10/16/96	1461273
		V019	cis-1,3-Dichloropropene	< 5		ug/l	10/16/96	1461273
		V020	Trans-1,3-Dichloropropene	< 5		ug/l	10/16/96	1461273

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TABLE 2-19
Groundwater Analytical Results
Volatile Organic Compounds
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
GW-69-S								
			Volatile Organics					
		V021	Ethylbenzene	< 5		ug/l	10/16/96	1461273
		V022	Bromomethane(MethylBromide)	< 10		ug/l	10/16/96	1461273
		V023	Chloromethane(MethylChloride)	< 10		ug/l	10/16/96	1461273
		V024	Methylene Chloride	< 5		ug/l	10/16/96	1461273
		V025	1,1,2,2-Tetrachloroethane	< 5		ug/l	10/16/96	1461273
		V026	Tetrachloroethene (PCE)	< 5		ug/l	10/16/96	1461273
		V027	Toluene	< 5		ug/l	10/16/96	1461273
		V029	1,1,1-Trichloroethane	< 5		ug/l	10/16/96	1461273
		V030	1,1,2-Trichloroethane	< 5		ug/l	10/16/96	1461273
		V031	Trichloroethene (TCE)	< 5		ug/l	10/16/96	1461273
		V033	Styrene	< 5		ug/l	10/16/96	1461273
		V034	Vinyl Chloride	< 10		ug/l	10/16/96	1461273
		V039	Xylenes, Total	< 5		ug/l	10/16/96	1461273
		V040	Acetone	< 10		ug/l	10/16/96	1461273
		V041	2-Butanone (MEK)	< 10		ug/l	10/16/96	1461273
		V042	Carbon Disulfide	< 5		ug/l	10/16/96	1461273
		V043	2-Hexanone	< 10		ug/l	10/16/96	1461273
		V044	4-Methyl-2-Pentanone (MIBK)	< 10		ug/l	10/16/96	1461273
		V045	Vinyl Acetate	< 10		ug/l	10/16/96	1461273
		V075	1,2-Dichloroethene(total)	< 5		ug/l	10/16/96	1461273
		V155	2,4,4-Trimethyl-1-pentene	< 5		ug/l	10/16/96	1461273
		V253	2,4,4-Trimethyl-2-Pentene	< 5		ug/l	10/16/96	1461273
GW-76-S								
			Volatile Organics					
		V003	Benzene	< 5		ug/l	10/16/96	1461274
		V003	Benzene	< 10		ug/l	12/17/96	1461391
		V005	Bromoform	< 5		ug/l	10/16/96	1461274
		V005	Bromoform	< 10		ug/l	12/17/96	1461391
		V006	Carbon Tetrachloride	< 5		ug/l	10/16/96	1461274
		V006	Carbon Tetrachloride	< 10		ug/l	12/17/96	1461391
		V007	Chlorobenzene	< 5		ug/l	10/16/96	1461274
		V007	Chlorobenzene	< 10		ug/l	12/17/96	1461391
		V008	Dibromochloromethane	< 5		ug/l	10/16/96	1461274
		V008	Dibromochloromethane	< 10		ug/l	12/17/96	1461391
		V009	Bromodichloromethane	< 5		ug/l	10/16/96	1461274
		V009	Bromodichloromethane	< 10		ug/l	12/17/96	1461391
		V010	Chloroethane	< 10		ug/l	10/16/96	1461274
		V010	Chloroethane	< 20		ug/l	12/17/96	1461391
		V012	Chloroform	< 5		ug/l	10/16/96	1461274
		V012	Chloroform	< 10		ug/l	12/17/96	1461391
		V015	1,1-Dichloroethane	< 5		ug/l	10/16/96	1461274
		V015	1,1-Dichloroethane	< 10		ug/l	12/17/96	1461391
		V016	1,2-Dichloroethane	< 5		ug/l	10/16/96	1461274
		V016	1,2-Dichloroethane	< 10		ug/l	12/17/96	1461391
		V017	1,1-Dichloroethene	< 5		ug/l	10/16/96	1461274
		V017	1,1-Dichloroethene	< 10		ug/l	12/17/96	1461391
		V018	1,2-Dichloropropane	< 5		ug/l	10/16/96	1461274
		V018	1,2-Dichloropropane	< 10		ug/l	12/17/96	1461391
		V019	cis-1,3-Dichloropropene	< 5		ug/l	10/16/96	1461274
		V019	cis-1,3-Dichloropropene	< 10		ug/l	12/17/96	1461391
		V020	Trans-1,3-Dichloropropene	< 5		ug/l	10/16/96	1461274
		V020	Trans-1,3-Dichloropropene	< 10		ug/l	12/17/96	1461391
		V021	Ethylbenzene	< 5		ug/l	10/16/96	1461274
		V021	Ethylbenzene	< 10		ug/l	12/17/96	1461391
		V022	Bromomethane(MethylBromide)	< 10		ug/l	10/16/96	1461274
		V022	Bromomethane(MethylBromide)	< 20		ug/l	12/17/96	1461391
		V023	Chloromethane(MethylChloride)	< 10		ug/l	10/16/96	1461274
		V023	Chloromethane(MethylChloride)	< 20		ug/l	12/17/96	1461391

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TABLE 2-19
Groundwater Analytical Results
Volatile Organic Compounds
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
GW-76-S								
			Volatile Organics					
		V024	Methylene Chloride	< 5		ug/l	10/16/96	1461274
		V024	Methylene Chloride	< 10		ug/l	12/17/96	1461391
		V025	1,1,2,2-Tetrachloroethane	< 5		ug/l	10/16/96	1461274
		V025	1,1,2,2-Tetrachloroethane	< 10		ug/l	12/17/96	1461391
		V026	Tetrachloroethene (PCE)	< 5		ug/l	10/16/96	1461274
		V026	Tetrachloroethene (PCE)	< 10		ug/l	12/17/96	1461391
		V027	Toluene	< 5		ug/l	10/16/96	1461274
		V027	Toluene	< 10		ug/l	12/17/96	1461391
		V029	1,1,1-Trichloroethane	< 5		ug/l	10/16/96	1461274
		V029	1,1,1-Trichloroethane	< 10		ug/l	12/17/96	1461391
		V030	1,1,2-Trichloroethane	< 5		ug/l	10/16/96	1461274
		V030	1,1,2-Trichloroethane	< 10		ug/l	12/17/96	1461391
		V031	Trichloroethene (TCE)	< 5		ug/l	10/16/96	1461274
		V031	Trichloroethene (TCE)	< 10		ug/l	12/17/96	1461391
		V033	Styrene	< 5		ug/l	10/16/96	1461274
		V033	Styrene	< 10		ug/l	12/17/96	1461391
		V034	Vinyl Chloride	< 10		ug/l	10/16/96	1461274
		V034	Vinyl Chloride	< 20		ug/l	12/17/96	1461391
		V039	Xylenes, Total	< 5		ug/l	10/16/96	1461274
		V039	Xylenes, Total	< 10		ug/l	12/17/96	1461391
		V040	Acetone	< 10		ug/l	10/16/96	1461274
		V040	Acetone	< 20		ug/l	12/17/96	1461391
		V041	2-Butanone (MEK)	< 10		ug/l	10/16/96	1461274
		V041	2-Butanone (MEK)	< 20		ug/l	12/17/96	1461391
		V042	Carbon Disulfide	< 5		ug/l	10/16/96	[illegible]
		V042	Carbon Disulfide	< 10		ug/l	12/17/96	[illegible]
		V043	2-Hexanone	< 10		ug/l	10/16/96	1461274
		V043	2-Hexanone	< 20		ug/l	12/17/96	1461391
		V044	4-Methyl-2-Pentanone (MIBK)	< 10		ug/l	10/16/96	1461274
		V044	4-Methyl-2-Pentanone (MIBK)	< 20		ug/l	12/17/96	1461391
		V045	Vinyl Acetate	< 10		ug/l	10/16/96	1461274
		V045	Vinyl Acetate	< 20		ug/l	12/17/96	1461391
		V075	1,2-Dichloroethene(total)	< 5		ug/l	10/16/96	1461274
		V075	1,2-Dichloroethene(total)	< 10		ug/l	12/17/96	1461391
		V155	2,4,4-Trimethyl-1-pentene	29		ug/l	10/16/96	1461274
		V155	2,4,4-Trimethyl-1-pentene	170		ug/l	12/17/96	1461391
		V253	2,4,4-Trimethyl-2-Pentene	9		ug/l	10/16/96	1461274
		V253	2,4,4-Trimethyl-2-Pentene	36		ug/l	12/17/96	1461391
GW-77-S								
			Volatile Organics					
		V003	Benzene	< 5		ug/l	10/16/96	1461275
		V003	Benzene	< 5		ug/l	12/17/96	1461393
		V005	Bromoform	< 5		ug/l	10/16/96	1461275
		V005	Bromoform	< 5		ug/l	12/17/96	1461393
		V006	Carbon Tetrachloride	< 5		ug/l	10/16/96	1461275
		V006	Carbon Tetrachloride	< 5		ug/l	12/17/96	1461393
		V007	Chlorobenzene	< 5		ug/l	10/16/96	1461275
		V007	Chlorobenzene	< 5		ug/l	12/17/96	1461393
		V008	Dibromochloromethane	< 5		ug/l	10/16/96	1461275
		V008	Dibromochloromethane	< 5		ug/l	12/17/96	1461393
		V009	Bromodichloromethane	< 5		ug/l	10/16/96	1461275
		V009	Bromodichloromethane	< 5		ug/l	12/17/96	1461393
		V010	Chloroethane	< 10		ug/l	10/16/96	1461275
		V010	Chloroethane	< 10		ug/l	12/17/96	1461393
		V012	Chloroform	< 5		ug/l	10/16/96	1461275
		V012	Chloroform	< 5		ug/l	12/17/96	1461393
		V015	1,1-Dichloroethane	< 5		ug/l	10/16/96	1461275
		V015	1,1-Dichloroethane	< 5		ug/l	12/17/96	1461393

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TABLE 2-19
Groundwater Analytical Results
Volatile Organic Compounds
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
GW-77-S			Volatile Organics					
		V016	1,2-Dichloroethane	< 5		ug/l	10/16/96	1461275
		V016	1,2-Dichloroethane	< 5		ug/l	12/17/96	1461393
		V017	1,1-Dichloroethene	< 5		ug/l	10/16/96	1461275
		V017	1,1-Dichloroethene	< 5		ug/l	12/17/96	1461393
		V018	1,2-Dichloropropane	< 5		ug/l	10/16/96	1461275
		V018	1,2-Dichloropropane	< 5		ug/l	12/17/96	1461393
		V019	cis-1,3-Dichloropropene	< 5		ug/l	10/16/96	1461275
		V019	cis-1,3-Dichloropropene	< 5		ug/l	12/17/96	1461393
		V020	Trans-1,3-Dichloropropene	< 5		ug/l	10/16/96	1461275
		V020	Trans-1,3-Dichloropropene	< 5		ug/l	12/17/96	1461393
		V021	Ethylbenzene	< 5		ug/l	10/16/96	1461275
		V021	Ethylbenzene	< 5		ug/l	12/17/96	1461393
		V022	Bromomethane(MethylBromide)	< 10		ug/l	10/16/96	1461275
		V022	Bromomethane(MethylBromide)	< 10		ug/l	12/17/96	1461393
		V023	Chloromethane(MethylChloride)	< 10		ug/l	10/16/96	1461275
		V023	Chloromethane(MethylChloride)	< 10		ug/l	12/17/96	1461393
		V024	Methylene Chloride	1	JB	ug/l	10/16/96	1461275
		V024	Methylene Chloride	< 5		ug/l	12/17/96	1461393
		V025	1,1,2,2-Tetrachloroethane	< 5		ug/l	10/16/96	1461275
		V025	1,1,2,2-Tetrachloroethane	< 5		ug/l	12/17/96	1461393
		V026	Tetrachloroethene (PCE)	< 5		ug/l	10/16/96	1461275
		V026	Tetrachloroethene (PCE)	< 5		ug/l	12/17/96	1461393
		V027	Toluene	< 5		ug/l	10/16/96	1461275
		V027	Toluene	< 5		ug/l	12/17/96	1461393
		V029	1,1,1-Trichloroethane	< 5		ug/l	10/16/96	1461275
		V029	1,1,1-Trichloroethane	< 5		ug/l	12/17/96	1461393
		V030	1,1,2-Trichloroethane	< 5		ug/l	10/16/96	1461275
		V030	1,1,2-Trichloroethane	< 5		ug/l	12/17/96	1461393
		V031	Trichloroethene (TCE)	< 5		ug/l	10/16/96	1461275
		V031	Trichloroethene (TCE)	< 5		ug/l	12/17/96	1461393
		V033	Styrene	< 5		ug/l	10/16/96	1461275
		V033	Styrene	< 5		ug/l	12/17/96	1461393
		V034	Vinyl Chloride	< 10		ug/l	10/16/96	1461275
		V034	Vinyl Chloride	< 10		ug/l	12/17/96	1461393
		V039	Xylenes, Total	< 5		ug/l	10/16/96	1461275
		V039	Xylenes, Total	< 5		ug/l	12/17/96	1461393
		V040	Acetone	4	JB	ug/l	10/16/96	1461275
		V040	Acetone	< 10		ug/l	12/17/96	1461393
		V041	2-Butanone (MEK)	< 10		ug/l	10/16/96	1461275
		V041	2-Butanone (MEK)	< 10		ug/l	12/17/96	1461393
		V042	Carbon Disulfide	< 5		ug/l	10/16/96	1461275
		V042	Carbon Disulfide	< 5		ug/l	12/17/96	1461393
		V043	2-Hexanone	< 10		ug/l	10/16/96	1461275
		V043	2-Hexanone	< 10		ug/l	12/17/96	1461393
		V044	4-Methyl-2-Pentanone (MIBK)	< 10		ug/l	10/16/96	1461275
		V044	4-Methyl-2-Pentanone (MIBK)	< 10		ug/l	12/17/96	1461393
		V045	Vinyl Acetate	< 10		ug/l	10/16/96	1461275
		V045	Vinyl Acetate	< 10		ug/l	12/17/96	1461393
		V075	1,2-Dichloroethene(total)	< 5		ug/l	10/16/96	1461275
		V075	1,2-Dichloroethene(total)	< 5		ug/l	12/17/96	1461393
		V155	2,4,4-Trimethyl-1-pentene	< 5		ug/l	10/16/96	1461275
		V155	2,4,4-Trimethyl-1-pentene	< 5		ug/l	12/17/96	1461393
		V253	2,4,4-Trimethyl-2-Pentene	< 5		ug/l	10/16/96	1461275
		V253	2,4,4-Trimethyl-2-Pentene	< 5		ug/l	12/17/96	1461393
GW-78-S			Volatile Organics					
		V003	Benzene	< 5		ug/l	12/17/96	1461395
		V005	Bromoform	< 5		ug/l	12/17/96	1461395

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TABLE 2-19
Groundwater Analytical Results
Volatile Organic Compounds
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID		Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
GW-78-S									
				Volatile Organics					
			V006	Carbon Tetrachloride	< 5		ug/l	12/17/96	1461395
			V007	Chlorobenzene	< 5		ug/l	12/17/96	1461395
			V008	Dibromochloromethane	< 5		ug/l	12/17/96	1461395
			V009	Bromodichloromethane	< 5		ug/l	12/17/96	1461395
			V010	Chloroethane	< 10		ug/l	12/17/96	1461395
			V012	Chloroform	< 5		ug/l	12/17/96	1461395
			V015	1,1-Dichloroethane	< 5		ug/l	12/17/96	1461395
			V016	1,2-Dichloroethane	< 5		ug/l	12/17/96	1461395
			V017	1,1-Dichloroethene	< 5		ug/l	12/17/96	1461395
			V018	1,2-Dichloropropane	< 5		ug/l	12/17/96	1461395
			V019	cis-1,3-Dichloropropene	< 5		ug/l	12/17/96	1461395
			V020	Trans-1,3-Dichloropropene	< 5		ug/l	12/17/96	1461395
			V021	Ethylbenzene	< 5		ug/l	12/17/96	1461395
			V022	Bromomethane(MethylBromide)	< 10		ug/l	12/17/96	1461395
			V023	Chloromethane(MethylChloride)	< 10		ug/l	12/17/96	1461395
			V024	Methylene Chloride	< 5		ug/l	12/17/96	1461395
			V025	1,1,2,2-Tetrachloroethane	< 5		ug/l	12/17/96	1461395
			V026	Tetrachloroethene (PCE)	< 5		ug/l	12/17/96	1461395
			V027	Toluene	< 5		ug/l	12/17/96	1461395
			V029	1,1,1-Trichloroethane	< 5		ug/l	12/17/96	1461395
			V030	1,1,2-Trichloroethane	< 5		ug/l	12/17/96	1461395
			V031	Trichloroethene (TCE)	< 5		ug/l	12/17/96	1461395
			V033	Styrene	< 5		ug/l	12/17/96	1461395
			V034	Vinyl Chloride	< 10		ug/l	12/17/96	1461395
			V039	Xylenes, Total	< 5		ug/l	12/17/96	14[illegible]
			V040	Acetone	8	J	ug/l	12/17/96	14[illegible]
			V041	2-Butanone (MEK)	< 10		ug/l	12/17/96	14[illegible]
			V042	Carbon Disulfide	< 5		ug/l	12/17/96	1461395
			V043	2-Hexanone	< 10		ug/l	12/17/96	1461395
			V044	4-Methyl-2-Pentanone (MIBK)	< 10		ug/l	12/17/96	1461395
			V045	Vinyl Acetate	< 10		ug/l	12/17/96	1461395
			V075	1,2-Dichloroethene(total)	< 5		ug/l	12/17/96	1461395
			V155	2,4,4-Trimethyl-1-pentene	3	J	ug/l	12/17/96	1461395
			V253	2,4,4-Trimethyl-2-Pentene	0.7	J	ug/l	12/17/96	1461395
GW-79-S									
				Volatile Organics					
			V003	Benzene	< 5		ug/l	12/17/96	1461397
	DUP OF	1461397	V003	Benzene	0.6	J	ug/l	12/17/96	1461399
			V005	Bromoform	< 5		ug/l	12/17/96	1461397
	DUP OF	1461397	V005	Bromoform	< 5		ug/l	12/17/96	1461399
			V006	Carbon Tetrachloride	< 5		ug/l	12/17/96	1461397
	DUP OF	1461397	V006	Carbon Tetrachloride	< 5		ug/l	12/17/96	1461399
			V007	Chlorobenzene	< 5		ug/l	12/17/96	1461397
	DUP OF	1461397	V007	Chlorobenzene	< 5		ug/l	12/17/96	1461399
			V008	Dibromochloromethane	< 5		ug/l	12/17/96	1461397
	DUP OF	1461397	V008	Dibromochloromethane	< 5		ug/l	12/17/96	1461399
			V009	Bromodichloromethane	< 5		ug/l	12/17/96	1461397
	DUP OF	1461397	V009	Bromodichloromethane	< 5		ug/l	12/17/96	1461399
			V010	Chloroethane	< 10		ug/l	12/17/96	1461397
	DUP OF	1461397	V010	Chloroethane	< 10		ug/l	12/17/96	1461399
			V012	Chloroform	< 5		ug/l	12/17/96	1461397
	DUP OF	1461397	V012	Chloroform	< 5		ug/l	12/17/96	1461399
			V015	1,1-Dichloroethane	2	J	ug/l	12/17/96	1461397
	DUP OF	1461397	V015	1,1-Dichloroethane	2	J	ug/l	12/17/96	1461399
			V016	1,2-Dichloroethane	< 5		ug/l	12/17/96	1461397
	DUP OF	1461397	V016	1,2-Dichloroethane	< 5		ug/l	12/17/96	1461399
			V017	1,1-Dichloroethene	< 5		ug/l	12/17/96	1461397
	DUP OF	1461397	V017	1,1-Dichloroethene	< 5		ug/l	12/17/96	1461399

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TABLE 2-19
Groundwater Analytical Results
Volatile Organic Compounds
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
GW-79-S								
			Volatile Organics					
		V018	1,2-Dichloropropane	< 5		ug/l	12/17/96	1461397
	DUP OF 1461397	V018	1,2-Dichloropropane	< 5		ug/l	12/17/96	1461399
		V019	cis-1,3-Dichloropropene	< 5		ug/l	12/17/96	1461397
	DUP OF 1461397	V019	cis-1,3-Dichloropropene	< 5		ug/l	12/17/96	1461399
		V020	Trans-1,3-Dichloropropene	< 5		ug/l	12/17/96	1461397
	DUP OF 1461397	V020	Trans-1,3-Dichloropropene	< 5		ug/l	12/17/96	1461399
		V021	Ethylbenzene	< 5		ug/l	12/17/96	1461397
	DUP OF 1461397	V021	Ethylbenzene	< 5		ug/l	12/17/96	1461399
		V022	Bromomethane(MethylBromide)	< 10		ug/l	12/17/96	1461397
	DUP OF 1461397	V022	Bromomethane(MethylBromide)	< 10		ug/l	12/17/96	1461399
		V023	Chloromethane(MethylChloride)	< 10		ug/l	12/17/96	1461397
	DUP OF 1461397	V023	Chloromethane(MethylChloride)	< 10		ug/l	12/17/96	1461399
		V024	Methylene Chloride	< 5		ug/l	12/17/96	1461397
	DUP OF 1461397	V024	Methylene Chloride	< 5		ug/l	12/17/96	1461399
		V025	1,1,2,2-Tetrachloroethane	< 5		ug/l	12/17/96	1461397
	DUP OF 1461397	V025	1,1,2,2-Tetrachloroethane	< 5		ug/l	12/17/96	1461399
		V026	Tetrachloroethene (PCE)	< 5		ug/l	12/17/96	1461397
	DUP OF 1461397	V026	Tetrachloroethene (PCE)	< 5		ug/l	12/17/96	1461399
		V027	Toluene	< 5		ug/l	12/17/96	1461397
	DUP OF 1461397	V027	Toluene	< 5		ug/l	12/17/96	1461399
		V029	1,1,1-Trichloroethane	2	J	ug/l	12/17/96	1461397
	DUP OF 1461397	V029	1,1,1-Trichloroethane	2	J	ug/l	12/17/96	1461399
		V030	1,1,2-Trichloroethane	< 5		ug/l	12/17/96	1461397
	DUP OF 1461397	V030	1,1,2-Trichloroethane	< 5		ug/l	12/17/96	1461399
		V031	Trichloroethene (TCE)	< 5		ug/l	12/17/96	1461397
	DUP OF 1461397	V031	Trichloroethene (TCE)	< 5		ug/l	12/17/96	1461399
		V033	Styrene	< 5		ug/l	12/17/96	1461397
	DUP OF 1461397	V033	Styrene	< 5		ug/l	12/17/96	1461399
		V034	Vinyl Chloride	< 10		ug/l	12/17/96	1461397
	DUP OF 1461397	V034	Vinyl Chloride	< 10		ug/l	12/17/96	1461399
		V039	Xylenes, Total	< 5		ug/l	12/17/96	1461397
	DUP OF 1461397	V039	Xylenes, Total	< 5		ug/l	12/17/96	1461399
		V040	Acetone	13		ug/l	12/17/96	1461397
	DUP OF 1461397	V040	Acetone	< 10		ug/l	12/17/96	1461399
		V041	2-Butanone (MEK)	< 10		ug/l	12/17/96	1461397
	DUP OF 1461397	V041	2-Butanone (MEK)	< 10		ug/l	12/17/96	1461399
		V042	Carbon Disulfide	< 5		ug/l	12/17/96	1461397
	DUP OF 1461397	V042	Carbon Disulfide	< 5		ug/l	12/17/96	1461399
		V043	2-Hexanone	9	J	ug/l	12/17/96	1461397
	DUP OF 1461397	V043	2-Hexanone	< 10		ug/l	12/17/96	1461399
		V044	4-Methyl-2-Pentanone (MIBK)	< 10		ug/l	12/17/96	1461397
	DUP OF 1461397	V044	4-Methyl-2-Pentanone (MIBK)	< 10		ug/l	12/17/96	1461399
		V045	Vinyl Acetate	< 10		ug/l	12/17/96	1461397
	DUP OF 1461397	V045	Vinyl Acetate	< 10		ug/l	12/17/96	1461399
		V075	1,2-Dichloroethene(total)	< 5		ug/l	12/17/96	1461397
	DUP OF 1461397	V075	1,2-Dichloroethene(total)	< 5		ug/l	12/17/96	1461399
		V155	2,4,4-Trimethyl-1-pentene	4	J	ug/l	12/17/96	1461397
	DUP OF 1461397	V155	2,4,4-Trimethyl-1-pentene	4	J	ug/l	12/17/96	1461399
		V253	2,4,4-Trimethyl-2-Pentene	2	J	ug/l	12/17/96	1461397
	DUP OF 1461397	V253	2,4,4-Trimethyl-2-Pentene	2	J	ug/l	12/17/96	1461399
GW-80-BR								
			Volatile Organics					
		V003	Benzene	130		ug/l	10/19/95	1460597
		V005	Bromoform	12	Jj	ug/l	10/19/95	1460597
		V006	Carbon Tetrachloride	< 50		ug/l	10/19/95	1460597
		V007	Chlorobenzene	170		ug/l	10/19/95	1460597
		V008	Dibromochloromethane	< 50		ug/l	10/19/95	1460597
		V009	Bromodichloromethane	< 50		ug/l	10/19/95	1460597

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TABLE 2-19
Groundwater Analytical Results
Volatile Organic Compounds
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
GW-80-BR								
			Volatile Organics					
		V010	Chloroethane	790	j	ug/l	10/19/95	1460597
		V012	Chloroform	< 50		ug/l	10/19/95	1460597
		V015	1,1-Dichloroethane	1100	j	ug/l	10/19/95	1460597
		V016	1,2-Dichloroethane	23	Jj	ug/l	10/19/95	1460597
		V017	1,1-Dichloroethene	120		ug/l	10/19/95	1460597
		V018	1,2-Dichloropropane	< 50		ug/l	10/19/95	1460597
		V019	cis-1,3-Dichloropropene	< 50		ug/l	10/19/95	1460597
		V020	Trans-1,3-Dichloropropene	< 50		ug/l	10/19/95	1460597
		V021	Ethylbenzene	290		ug/l	10/19/95	1460597
		V022	Bromomethane(MethylBromide)	< 100		ug/l	10/19/95	1460597
		V023	Chloromethane(MethylChloride)	< 100		ug/l	10/19/95	1460597
		V024	Methylene Chloride	220	B	ug/l	10/19/95	1460597
		V025	1,1,2,2-Tetrachloroethane	41	JBj	ug/l	10/19/95	1460597
		V026	Tetrachloroethene (PCE)	43	j	ug/l	10/19/95	1460597
		V027	Toluene	15000		ug/l	10/19/95	1460597
		V029	1,1,1-Trichloroethane	1500		ug/l	10/19/95	1460597
		V030	1,1,2-Trichloroethane	26	Jjn	ug/l	10/19/95	1460597
		V031	Trichloroethene (TCE)	56		ug/l	10/19/95	1460597
		V033	Styrene	< 50		ug/l	10/19/95	1460597
		V034	Vinyl Chloride	300	j	ug/l	10/19/95	1460597
		V039	Xylenes, Total	1100		ug/l	10/19/95	1460597
		V040	Acetone	< 280	u	ug/l	10/19/95	1460597
		V041	2-Butanone (MEK)	300		ug/l	10/19/95	1460597
		V042	Carbon Disulfide	< 100		ug/l	10/19/95	1460597
		V044	4-Methyl-2-Pentanone (MIBK)	1200		ug/l	10/19/95	14[illegible]7
		V045	Vinyl Acetate	< 150		ug/l	10/19/95	1[illegible]7
		V075	1,2-Dichloroethene(total)	1300		ug/l	10/19/95	14[illegible]7
		V155	2,4,4-Trimethyl-1-pentene	< 100		ug/l	10/19/95	1460597
		V253	2,4,4-Trimethyl-2-Pentene	< 100		ug/l	10/19/95	1460597
GW-80-D								
			Volatile Organics					
		V003	Benzene	94		ug/l	10/19/95	1460596
		V005	Bromoform	< 5		ug/l	10/19/95	1460596
		V006	Carbon Tetrachloride	< 5		ug/l	10/19/95	1460596
		V007	Chlorobenzene	79		ug/l	10/19/95	1460596
		V008	Dibromochloromethane	< 5		ug/l	10/19/95	1460596
		V009	Bromodichloromethane	< 5		ug/l	10/19/95	1460596
		V010	Chloroethane	230	Jj	ug/l	10/19/95	1460596
		V012	Chloroform	< 5		ug/l	10/19/95	1460596
		V015	1,1-Dichloroethane	430		ug/l	10/19/95	1460596
		V016	1,2-Dichloroethane	< 5		ug/l	10/19/95	1460596
		V017	1,1-Dichloroethene	2	Jj	ug/l	10/19/95	1460596
		V018	1,2-Dichloropropane	< 5		ug/l	10/19/95	1460596
		V019	cis-1,3-Dichloropropene	< 5		ug/l	10/19/95	1460596
		V020	Trans-1,3-Dichloropropene	< 5		ug/l	10/19/95	1460596
		V021	Ethylbenzene	340		ug/l	10/19/95	1460596
		V022	Bromomethane(MethylBromide)	< 10		ug/l	10/19/95	1460596
		V023	Chloromethane(MethylChloride)	< 10		ug/l	10/19/95	1460596
		V024	Methylene Chloride	31	B	ug/l	10/19/95	1460596
		V025	1,1,2,2-Tetrachloroethane	< 5		ug/l	10/19/95	1460596
		V025	1,1,2,2-Tetrachloroethane	< 5		ug/l	10/19/95	1460596
		V026	Tetrachloroethene (PCE)	< 5		ug/l	10/19/95	1460596
		V029	1,1,1-Trichloroethane	< 5		ug/l	10/19/95	1460596
		V030	1,1,2-Trichloroethane	< 5		ug/l	10/19/95	1460596
		V031	Trichloroethene (TCE)	< 5		ug/l	10/19/95	1460596
		V033	Styrene	< 5		ug/l	10/19/95	1460596
		V034	Vinyl Chloride	19		ug/l	10/19/95	1460596
		V039	Xylenes, Total	1100		ug/l	10/19/95	1460596

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TABLE 2-19
Groundwater Analytical Results
Volatile Organic Compounds
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
GW-80-D								
			Volatile Organics					
		V040	Acetone	< 31	u	ug/l	10/19/95	1460596
		V041	2-Butanone (MEK)	13	Jj	ug/l	10/19/95	1460596
		V042	Carbon Disulfide	< 10		ug/l	10/19/95	1460596
		V043	2-Hexanone	< 15		ug/l	10/19/95	1460596
		V044	4-Methyl-2-Pentanone (MIBK)	< 15		ug/l	10/19/95	1460596
		V045	Vinyl Acetate	< 15		ug/l	10/19/95	1460596
		V075	1,2-Dichloroethene(total)	160		ug/l	10/19/95	1460596
		V155	2,4,4-Trimethyl-1-pentene	< 10		ug/l	10/19/95	1460596
		V253	2,4,4-Trimethyl-2-Pentene	< 10		ug/l	10/19/95	1460596
GW-80-S								
			Volatile Organics					
		V003	Benzene	28		ug/l	10/19/95	1460595
		V005	Bromoform	< 5		ug/l	10/19/95	1460595
		V007	Chlorobenzene	1	Jj	ug/l	10/19/95	1460595
		V008	Dibromochloromethane	< 5		ug/l	10/19/95	1460595
		V009	Bromodichloromethane	< 5		ug/l	10/19/95	1460595
		V010	Chloroethane	< 10		ug/l	10/19/95	1460595
		V012	Chloroform	< 5		ug/l	10/19/95	1460595
		V015	1,1-Dichloroethane	< 5		ug/l	10/19/95	1460595
		V016	1,2-Dichloroethane	< 5		ug/l	10/19/95	1460595
		V017	1,1-Dichloroethene	< 5		ug/l	10/19/95	1460595
		V018	1,2-Dichloropropane	< 5		ug/l	10/19/95	1460595
		V019	cis-1,3-Dichloropropene	< 5		ug/l	10/19/95	1460595
		V020	Trans-1,3-Dichloropropene	< 5		ug/l	10/19/95	1460595
		V021	Ethylbenzene	[illegible]		ug/l	10/19/95	1460595
		V022	Bromomethane(MethylBromide)	< 10		ug/l	10/19/95	1460595
		V023	Chloromethane(MethylChloride)	< 10		ug/l	10/19/95	1460595
		V024	Methylene Chloride	< 10		ug/l	10/19/95	1460595
		V025	1,1,2,2-Tetrachloroethane	< 5		ug/l	10/19/95	1460595
		V026	Tetrachloroethene (PCE)	< 5		ug/l	10/19/95	1460595
		V027	Toluene	4400		ug/l	10/19/95	1460595
		V029	1,1,1-Trichloroethane	< 5		ug/l	10/19/95	1460595
		V030	1,1,2-Trichloroethane	< 5		ug/l	10/19/95	1460595
		V031	Trichloroethene (TCE)	< 5		ug/l	10/19/95	1460595
		V033	Styrene	< 5		ug/l	10/19/95	1460595
		V034	Vinyl Chloride	< 10		ug/l	10/19/95	1460595
		V039	Xylenes, Total	2800		ug/l	10/19/95	1460595
		V040	Acetone	< 52	u	ug/l	10/19/95	1460595
		V041	2-Butanone (MEK)	19		ug/l	10/19/95	1460595
		V042	Carbon Disulfide	< 10		ug/l	10/19/95	1460595
		V043	2-Hexanone	< 15		ug/l	10/19/95	1460595
		V044	4-Methyl-2-Pentanone (MIBK)	< 15		ug/l	10/19/95	1460595
		V045	Vinyl Acetate	< 15		ug/l	10/19/95	1460595
		V075	1,2-Dichloroethene(total)	14		ug/l	10/19/95	1460595
		V155	2,4,4-Trimethyl-1-pentene	< 10		ug/l	10/19/95	1460595
		V253	2,4,4-Trimethyl-2-Pentene	< 10		ug/l	10/19/95	1460595
GW-81-BR								
			Volatile Organics					
		V003	Benzene	< 5		ug/l	10/19/95	1460601
		V005	Bromoform	< 5		ug/l	10/19/95	1460601
		V006	Carbon Tetrachloride	< 5		ug/l	10/19/95	1460601
		V007	Chlorobenzene	< 5		ug/l	10/19/95	1460601
		V008	Dibromochloromethane	< 5		ug/l	10/19/95	1460601
		V009	Bromodichloromethane	< 5		ug/l	10/19/95	1460601
		V010	Chloroethane	< 10		ug/l	10/19/95	1460601
		V012	Chloroform	< 5		ug/l	10/19/95	1460601
		V015	1,1-Dichloroethane	< 5		ug/l	10/19/95	1460601

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TABLE 2-19
Groundwater Analytical Results
Volatile Organic Compounds
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID		Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
GW-81-BR				Volatile Organics					
			V016	1,2-Dichloroethane	< 5		ug/l	10/19/95	1460601
			V017	1,1-Dichloroethene	< 5		ug/l	10/19/95	1460601
			V018	1,2-Dichloropropane	< 5		ug/l	10/19/95	1460601
			V019	cis-1,3-Dichloropropene	< 5		ug/l	10/19/95	1460601
			V020	Trans-1,3-Dichloropropene	< 5		ug/l	10/19/95	1460601
			V021	Ethylbenzene	< 5		ug/l	10/19/95	1460601
			V022	Bromomethane(MethylBromide)	< 10		ug/l	10/19/95	1460601
			V023	Chloromethane(MethylChloride)	< 10		ug/l	10/19/95	1460601
			V024	Methylene Chloride	< 10		ug/l	10/19/95	1460601
			V025	1,1,2,2-Tetrachloroethane	< 5		ug/l	10/19/95	1460601
			V026	Tetrachloroethene (PCE)	< 5		ug/l	10/19/95	1460601
			V027	Toluene	< 10	u	ug/l	10/19/95	1460601
			V029	1,1,1-Trichloroethane	< 5		ug/l	10/19/95	1460601
			V030	1,1,2-Trichloroethane	< 5		ug/l	10/19/95	1460601
			V031	Trichloroethene (TCE)	< 5		ug/l	10/19/95	1460601
			V033	Styrene	< 5		ug/l	10/19/95	1460601
			V034	Vinyl Chloride	< 10		ug/l	10/19/95	1460601
			V039	Xylenes, Total	1	j	ug/l	10/19/95	1460601
			V040	Acetone	< 15		ug/l	10/19/95	1460601
			V041	2-Butanone (MEK)	< 15		ug/l	10/19/95	1460601
			V042	Carbon Disulfide	< 10		ug/l	10/19/95	1460601
			V043	2-Hexanone	< 15		ug/l	10/19/95	1460601
			V044	4-Methyl-2-Pentanone (MIBK)	< 15		ug/l	10/19/95	1460601
			V045	Vinyl Acetate	< 15		ug/l	10/19/95	1460601
			V045	Vinyl Acetate	< 15		ug/l	10/19/95	1[illegible]
			V075	1,2-Dichloroethene(total)	< 5		ug/l	10/19/95	1[illegible]
			V155	2,4,4-Trimethyl-1-pentene	< 10		ug/l	10/19/95	1460601
			V253	2,4,4-Trimethyl-2-Pentene	< 10		ug/l	10/19/95	1460601
GW-81-D				Volatile Organics					
			V003	Benzene	< 5		ug/l	10/19/95	1460600
	DUP OF	1460600	V003	Benzene	< 5		ug/l	10/19/95	1460603
			V005	Bromoform	< 5		ug/l	10/19/95	1460600
	DUP OF	1460600	V005	Bromoform	< 5		ug/l	10/19/95	1460603
			V006	Carbon Tetrachloride	< 5		ug/l	10/19/95	1460600
	DUP OF	1460600	V006	Carbon Tetrachloride	< 5		ug/l	10/19/95	1460603
			V007	Chlorobenzene	< 5		ug/l	10/19/95	1460600
	DUP OF	1460600	V007	Chlorobenzene	< 5		ug/l	10/19/95	1460603
			V008	Dibromochloromethane	< 5		ug/l	10/19/95	1460600
	DUP OF	1460600	V008	Dibromochloromethane	< 5		ug/l	10/19/95	1460603
			V009	Bromodichloromethane	< 5		ug/l	10/19/95	1460600
	DUP OF	1460600	V009	Bromodichloromethane	< 5		ug/l	10/19/95	1460603
			V010	Chloroethane	< 10		ug/l	10/19/95	1460600
	DUP OF	1460600	V010	Chloroethane	< 10		ug/l	10/19/95	1460603
			V012	Chloroform	< 5		ug/l	10/19/95	1460600
	DUP OF	1460600	V012	Chloroform	< 5		ug/l	10/19/95	1460603
			V015	1,1-Dichloroethane	< 5		ug/l	10/19/95	1460600
	DUP OF	1460600	V015	1,1-Dichloroethane	< 5		ug/l	10/19/95	1460603
			V016	1,2-Dichloroethane	< 5		ug/l	10/19/95	1460600
	DUP OF	1460600	V016	1,2-Dichloroethane	< 5		ug/l	10/19/95	1460603
			V017	1,1-Dichloroethene	< 5		ug/l	10/19/95	1460600
	DUP OF	1460600	V017	1,1-Dichloroethene	< 5		ug/l	10/19/95	1460603
			V018	1,2-Dichloropropane	< 5		ug/l	10/19/95	1460600
	DUP OF	1460600	V018	1,2-Dichloropropane	< 5		ug/l	10/19/95	1460603
			V019	cis-1,3-Dichloropropene	< 5		ug/l	10/19/95	1460600
	DUP OF	1460600	V019	cis-1,3-Dichloropropene	< 5		ug/l	10/19/95	1460603
			V020	Trans-1,3-Dichloropropene	< 5		ug/l	10/19/95	1460600
	DUP OF	1460600	V020	Trans-1,3-Dichloropropene	< 5		ug/l	10/19/95	1460603

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TABLE 2-19
Groundwater Analytical Results
Volatile Organic Compounds
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID		Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
GW-81-D									
				Volatile Organics					
			V021	Ethylbenzene	< 5		ug/l	10/19/95	1460600
	DUP OF	1460600	V021	Ethylbenzene	< 5		ug/l	10/19/95	1460603
			V022	Bromomethane(MethylBromide)	< 10		ug/l	10/19/95	1460600
	DUP OF	1460600	V022	Bromomethane(MethylBromide)	< 10		ug/l	10/19/95	1460603
			V023	Chloromethane(MethylChloride)	< 10		ug/l	10/19/95	1460600
	DUP OF	1460600	V023	Chloromethane(MethylChloride)	< 10		ug/l	10/19/95	1460603
			V024	Methylene Chloride	< 10	JBu	ug/l	10/19/95	1460600
	DUP OF	1460600	V024	Methylene Chloride	< 10		ug/l	10/19/95	1460603
			V025	1,1,2,2-Tetrachloroethane	< 5		ug/l	10/19/95	1460600
	DUP OF	1460600	V025	1,1,2,2-Tetrachloroethane	< 5		ug/l	10/19/95	1460603
			V026	Tetrachloroethene (PCE)	< 5		ug/l	10/19/95	1460600
	DUP OF	1460600	V026	Tetrachloroethene (PCE)	< 5		ug/l	10/19/95	1460603
			V027	Toluene	< 10	Ju	ug/l	10/19/95	1460600
	DUP OF	1460600	V027	Toluene	< 10	Ju	ug/l	10/19/95	1460603
			V029	1,1,1-Trichloroethane	< 5		ug/l	10/19/95	1460600
			V030	1,1,2-Trichloroethane	< 5		ug/l	10/19/95	1460600
	DUP OF	1460600	V030	1,1,2-Trichloroethane	< 5		ug/l	10/19/95	1460603
			V031	Trichloroethene (TCE)	< 5		ug/l	10/19/95	1460600
	DUP OF	1460600	V031	Trichloroethene (TCE)	< 5		ug/l	10/19/95	1460603
			V033	Styrene	< 5		ug/l	10/19/95	1460600
	DUP OF	1460600	V033	Styrene	< 5		ug/l	10/19/95	1460603
			V034	Vinyl Chloride	< 10		ug/l	10/19/95	1460600
	DUP OF	1460600	V034	Vinyl Chloride	< 10		ug/l	10/19/95	1460603
			V039	Xylenes, Total	< 5		ug/l	10/19/95	1460600
	DUP OF	1460600	V039	Xylenes, Total	< 5		ug/l	10/19/95	1460603
			V040	Acetone	< 15		ug/l	10/19/95	1460600
	DUP OF	1460600	V040	Acetone	< 15		ug/l	10/19/95	1460603
			V041	2-Butanone (MEK)	< 15		ug/l	10/19/95	1460600
	DUP OF	1460600	V041	2-Butanone (MEK)	< 15		ug/l	10/19/95	1460603
			V042	Carbon Disulfide	< 10		ug/l	10/19/95	1460600
	DUP OF	1460600	V042	Carbon Disulfide	< 10		ug/l	10/19/95	1460603
			V043	2-Hexanone	< 15		ug/l	10/19/95	1460600
	DUP OF	1460600	V043	2-Hexanone	< 15		ug/l	10/19/95	1460603
			V044	4-Methyl-2-Pentanone (MIBK)	< 15		ug/l	10/19/95	1460600
	DUP OF	1460600	V044	4-Methyl-2-Pentanone (MIBK)	< 15		ug/l	10/19/95	1460603
			V045	Vinyl Acetate	< 15		ug/l	10/19/95	1460600
	DUP OF	1460600	V045	Vinyl Acetate	< 15		ug/l	10/19/95	1460603
			V075	1,2-Dichloroethene(total)	< 5		ug/l	10/19/95	1460600
	DUP OF	1460600	V075	1,2-Dichloroethene(total)	< 5		ug/l	10/19/95	1460603
			V155	2,4,4-Trimethyl-1-pentene	< 10		ug/l	10/19/95	1460600
	DUP OF	1460600	V155	2,4,4-Trimethyl-1-pentene	< 10		ug/l	10/19/95	1460603
			V253	2,4,4-Trimethyl-2-Pentene	< 10		ug/l	10/19/95	1460600
	DUP OF	1460600	V253	2,4,4-Trimethyl-2-Pentene	< 10		ug/l	10/19/95	1460603
GW-82-D									
				Volatile Organics					
			V003	Benzene	< 5		ug/l	10/25/96	1461293
			V005	Bromoform	< 5		ug/l	10/25/96	1461293
			V006	Carbon Tetrachloride	< 5		ug/l	10/25/96	1461293
			V007	Chlorobenzene	< 5		ug/l	10/25/96	1461293
			V008	Dibromochloromethane	< 5		ug/l	10/25/96	1461293
			V009	Bromodichloromethane	< 5		ug/l	10/25/96	1461293
			V010	Chloroethane	< 10		ug/l	10/25/96	1461293
			V012	Chloroform	< 5		ug/l	10/25/96	1461293
			V015	1,1-Dichloroethane	< 5		ug/l	10/25/96	1461293
			V016	1,2-Dichloroethane	< 5		ug/l	10/25/96	1461293
			V017	1,1-Dichloroethene	< 5		ug/l	10/25/96	1461293
			V018	1,2-Dichloropropane	< 5		ug/l	10/25/96	1461293
			V019	cis-1,3-Dichloropropene	< 5		ug/l	10/25/96	1461293

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TABLE 2-19
Groundwater Analytical Results
Volatile Organic Compounds
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
GW-82-D			Volatile Organics					
		V020	Trans-1,3-Dichloropropene	< 5		ug/l	10/25/96	1461293
		V021	Ethylbenzene	< 5		ug/l	10/25/96	1461293
		V022	Bromomethane(MethylBromide)	< 10		ug/l	10/25/96	1461293
		V023	Chloromethane(MethylChloride)	< 10		ug/l	10/25/96	1461293
		V024	Methylene Chloride	< 5		ug/l	10/25/96	1461293
		V025	1,1,2,2-Tetrachloroethane	< 5		ug/l	10/25/96	1461293
		V026	Tetrachloroethene (PCE)	< 5		ug/l	10/25/96	1461293
		V027	Toluene	< 5		ug/l	10/25/96	1461293
		V029	1,1,1-Trichloroethane	< 5		ug/l	10/25/96	1461293
		V030	1,1,2-Trichloroethane	< 5		ug/l	10/25/96	1461293
		V031	Trichloroethene (TCE)	0.6	J	ug/l	10/25/96	1461293
		V033	Styrene	< 5		ug/l	10/25/96	1461293
		V034	Vinyl Chloride	< 10		ug/l	10/25/96	1461293
		V039	Xylenes, Total	< 5		ug/l	10/25/96	1461293
		V040	Acetone	< 10		ug/l	10/25/96	1461293
		V041	2-Butanone (MEK)	< 10		ug/l	10/25/96	1461293
		V042	Carbon Disulfide	< 5		ug/l	10/25/96	1461293
		V043	2-Hexanone	< 10		ug/l	10/25/96	1461293
		V044	4-Methyl-2-Pentanone (MIBK)	< 10		ug/l	10/25/96	1461293
		V045	Vinyl Acetate	< 10		ug/l	10/25/96	1461293
		V075	1,2-Dichloroethene(total)	< 5		ug/l	10/25/96	1461293
		V155	2,4,4-Trimethyl-1-pentene	< 5		ug/l	10/25/96	1461293
		V253	2,4,4-Trimethyl-2-Pentene	< 5		ug/l	10/25/96	1461293
GW-82-S			Volatile Organics					
		V003	Benzene	< 5		ug/l	10/25/96	1461294
		V005	Bromoform	< 5		ug/l	10/25/96	1461294
		V006	Carbon Tetrachloride	< 5		ug/l	10/25/96	1461294
		V007	Chlorobenzene	< 5		ug/l	10/25/96	1461294
		V008	Dibromochloromethane	< 5		ug/l	10/25/96	1461294
		V009	Bromodichloromethane	< 5		ug/l	10/25/96	1461294
		V010	Chloroethane	< 10		ug/l	10/25/96	1461294
		V012	Chloroform	< 5		ug/l	10/25/96	1461294
		V015	1,1-Dichloroethane	< 5		ug/l	10/25/96	1461294
		V016	1,2-Dichloroethane	< 5		ug/l	10/25/96	1461294
		V017	1,1-Dichloroethene	< 5		ug/l	10/25/96	1461294
		V018	1,2-Dichloropropane	< 5		ug/l	10/25/96	1461294
		V019	cis-1,3-Dichloropropene	< 5		ug/l	10/25/96	1461294
		V020	Trans-1,3-Dichloropropene	< 5		ug/l	10/25/96	1461294
		V021	Ethylbenzene	< 5		ug/l	10/25/96	1461294
		V022	Bromomethane(MethylBromide)	< 10		ug/l	10/25/96	1461294
		V023	Chloromethane(MethylChloride)	< 10		ug/l	10/25/96	1461294
		V024	Methylene Chloride	< 5		ug/l	10/25/96	1461294
		V025	1,1,2,2-Tetrachloroethane	< 5		ug/l	10/25/96	1461294
		V026	Tetrachloroethene (PCE)	< 5		ug/l	10/25/96	1461294
		V027	Toluene	< 5		ug/l	10/25/96	1461294
		V029	1,1,1-Trichloroethane	< 5		ug/l	10/25/96	1461294
		V030	1,1,2-Trichloroethane	< 5		ug/l	10/25/96	1461294
		V031	Trichloroethene (TCE)	< 5		ug/l	10/25/96	1461294
		V033	Styrene	< 5		ug/l	10/25/96	1461294
		V034	Vinyl Chloride	< 10		ug/l	10/25/96	1461294
		V039	Xylenes, Total	< 5		ug/l	10/25/96	1461294
		V041	2-Butanone (MEK)	< 10		ug/l	10/25/96	1461294
		V042	Carbon Disulfide	< 5		ug/l	10/25/96	1461294
		V043	2-Hexanone	< 10		ug/l	10/25/96	1461294
		V044	4-Methyl-2-Pentanone (MIBK)	< 10		ug/l	10/25/96	1461294
		V045	Vinyl Acetate	< 10		ug/l	10/25/96	1461294
		V075	1,2-Dichloroethene(total)	< 5		ug/l	10/25/96	1461294

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TABLE 2-19
Groundwater Analytical Results
Volatile Organic Compounds
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
GW-82-S								
			Volatile Organics					
		V155	2,4,4-Trimethyl-1-pentene	< 5		ug/l	10/25/96	1461294
		V253	2,4,4-Trimethyl-2-Pentene	< 5		ug/l	10/25/96	1461294
GW-83-D								
			Volatile Organics					
		V003	Benzene	11		ug/l	10/26/96	1461295
		V005	Bromoform	< 5		ug/l	10/26/96	1461295
		V006	Carbon Tetrachloride	< 5		ug/l	10/26/96	1461295
		V007	Chlorobenzene	< 5		ug/l	10/26/96	1461295
		V008	Dibromochloromethane	< 5		ug/l	10/26/96	1461295
		V009	Bromodichloromethane	< 5		ug/l	10/26/96	1461295
		V010	Chloroethane	< 10		ug/l	10/26/96	1461295
		V012	Chloroform	27		ug/l	10/26/96	1461295
		V015	1,1-Dichloroethane	< 5		ug/l	10/26/96	1461295
		V016	1,2-Dichloroethane	20		ug/l	10/26/96	1461295
		V017	1,1-Dichloroethene	< 5		ug/l	10/26/96	1461295
		V018	1,2-Dichloropropane	< 5		ug/l	10/26/96	1461295
		V019	cis-1,3-Dichloropropene	< 5		ug/l	10/26/96	1461295
		V020	Trans-1,3-Dichloropropene	< 5		ug/l	10/26/96	1461295
		V021	Ethylbenzene	5		ug/l	10/26/96	1461295
		V022	Bromomethane(MethylBromide)	< 10		ug/l	10/26/96	1461295
		V023	Chloromethane(MethylChloride)	< 10		ug/l	10/26/96	1461295
		V024	Methylene Chloride	20		ug/l	10/26/96	1461295
		V025	1,1,2,2-Tetrachloroethane	< 5		ug/l	10/26/96	1461295
		V026	Tetrachloroethene (PCE)	2	J	ug/l	10/26/96	1461295
		V027	Toluene	170		ug/l	10/26/96	1461295
		V029	1,1,1-Trichloroethane	< 5		ug/l	10/26/96	1461295
		V030	1,1,2-Trichloroethane	< 5		ug/l	10/26/96	1461295
		V031	Trichloroethene (TCE)	91		ug/l	10/26/96	1461295
		V033	Styrene	< 5		ug/l	10/26/96	1461295
		V034	Vinyl Chloride	< 10		ug/l	10/26/96	1461295
		V039	Xylenes, Total	9		ug/l	10/26/96	1461295
		V040	Acetone	18		ug/l	10/26/96	1461295
		V041	2-Butanone (MEK)	< 10		ug/l	10/26/96	1461295
		V042	Carbon Disulfide	5		ug/l	10/26/96	1461295
		V043	2-Hexanone	< 10		ug/l	10/26/96	1461295
		V044	4-Methyl-2-Pentanone (MIBK)	< 10		ug/l	10/26/96	1461295
		V045	Vinyl Acetate	< 10		ug/l	10/26/96	1461295
		V075	1,2-Dichloroethene(total)	2	J	ug/l	10/26/96	1461295
		V155	2,4,4-Trimethyl-1-pentene	< 5		ug/l	10/26/96	1461295
		V253	2,4,4-Trimethyl-2-Pentene	< 5		ug/l	10/26/96	1461295
GW-83-M								
			Volatile Organics					
		V003	Benzene	< 5		ug/l	10/26/96	1461296
		V005	Bromoform	< 5		ug/l	10/26/96	1461296
		V006	Carbon Tetrachloride	< 5		ug/l	10/26/96	1461296
		V007	Chlorobenzene	< 5		ug/l	10/26/96	1461296
		V008	Dibromochloromethane	< 5		ug/l	10/26/96	1461296
		V009	Bromodichloromethane	< 5		ug/l	10/26/96	1461296
		V010	Chloroethane	< 10		ug/l	10/26/96	1461296
		V012	Chloroform	< 5		ug/l	10/26/96	1461296
		V015	1,1-Dichloroethane	< 5		ug/l	10/26/96	1461296
		V016	1,2-Dichloroethane	< 5		ug/l	10/26/96	1461296
		V017	1,1-Dichloroethene	< 5		ug/l	10/26/96	1461296
		V018	1,2-Dichloropropane	< 5		ug/l	10/26/96	1461296
		V019	cis-1,3-Dichloropropene	< 5		ug/l	10/26/96	1461296
		V020	Trans-1,3-Dichloropropene	< 5		ug/l	10/26/96	1461296
		V021	Ethylbenzene	< 5		ug/l	10/26/96	1461296

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TABLE 2-19
Groundwater Analytical Results
Volatile Organic Compounds
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
GW-83-M			Volatile Organics					
		V022	Bromomethane(MethylBromide)	< 10		ug/l	10/26/96	1461296
		V023	Chloromethane(MethylChloride)	< 10		ug/l	10/26/96	1461296
		V024	Methylene Chloride	2	J	ug/l	10/26/96	1461296
		V025	1,1,2,2-Tetrachloroethane	< 5		ug/l	10/26/96	1461296
		V026	Tetrachloroethene (PCE)	< 5		ug/l	10/26/96	1461296
		V027	Toluene	< 5		ug/l	10/26/96	1461296
		V029	1,1,1-Trichloroethane	< 5		ug/l	10/26/96	1461296
		V030	1,1,2-Trichloroethane	< 5		ug/l	10/26/96	1461296
		V031	Trichloroethene (TCE)	< 5		ug/l	10/26/96	1461296
		V033	Styrene	< 5		ug/l	10/26/96	1461296
		V034	Vinyl Chloride	< 10		ug/l	10/26/96	1461296
		V039	Xylenes, Total	< 5		ug/l	10/26/96	1461296
		V040	Acetone	5	J	ug/l	10/26/96	1461296
		V041	2-Butanone (MEK)	< 10		ug/l	10/26/96	1461296
		V042	Carbon Disulfide	< 5		ug/l	10/26/96	1461296
		V043	2-Hexanone	< 10		ug/l	10/26/96	1461296
		V044	4-Methyl-2-Pentanone (MIBK)	< 10		ug/l	10/26/96	1461296
		V045	Vinyl Acetate	< 10		ug/l	10/26/96	1461296
		V075	1,2-Dichloroethene(total)	< 5		ug/l	10/26/96	1461296
		V155	2,4,4-Trimethyl-1-pentene	< 5		ug/l	10/26/96	1461296
		V253	2,4,4-Trimethyl-2-Pentene	< 5		ug/l	10/26/96	1461296
GW-83-S			Volatile Organics					
		V003	Benzene	< 5		ug/l	10/26/96	1[illegible]7
		V005	Bromoform	< 5		ug/l	10/26/96	1[illegible]7
		V006	Carbon Tetrachloride	< 5		ug/l	10/26/96	146[illegible]97
		V007	Chlorobenzene	< 5		ug/l	10/26/96	1461297
		V008	Dibromochloromethane	< 5		ug/l	10/26/96	1461297
		V009	Bromodichloromethane	< 5		ug/l	10/26/96	1461297
		V010	Chloroethane	< 10		ug/l	10/26/96	1461297
		V012	Chloroform	< 5		ug/l	10/26/96	1461297
		V015	1,1-Dichloroethane	< 5		ug/l	10/26/96	1461297
		V016	1,2-Dichloroethane	< 5		ug/l	10/26/96	1461297
		V017	1,1-Dichloroethene	< 5		ug/l	10/26/96	1461297
		V018	1,2-Dichloropropane	< 5		ug/l	10/26/96	1461297
		V019	cis-1,3-Dichloropropene	< 5		ug/l	10/26/96	1461297
		V020	Trans-1,3-Dichloropropene	< 5		ug/l	10/26/96	1461297
		V021	Ethylbenzene	< 5		ug/l	10/26/96	1461297
		V022	Bromomethane(MethylBromide)	< 10		ug/l	10/26/96	1461297
		V023	Chloromethane(MethylChloride)	< 10		ug/l	10/26/96	1461297
		V024	Methylene Chloride	< 5		ug/l	10/26/96	1461297
		V025	1,1,2,2-Tetrachloroethane	< 5		ug/l	10/26/96	1461297
		V026	Tetrachloroethene (PCE)	< 5		ug/l	10/26/96	1461297
		V027	Toluene	< 5		ug/l	10/26/96	1461297
		V029	1,1,1-Trichloroethane	< 5		ug/l	10/26/96	1461297
		V030	1,1,2-Trichloroethane	< 5		ug/l	10/26/96	1461297
		V031	Trichloroethene (TCE)	< 5		ug/l	10/26/96	1461297
		V033	Styrene	< 5		ug/l	10/26/96	1461297
		V034	Vinyl Chloride	< 10		ug/l	10/26/96	1461297
		V039	Xylenes, Total	< 5		ug/l	10/26/96	1461297
		V040	Acetone	< 10		ug/l	10/26/96	1461297
		V041	2-Butanone (MEK)	< 10		ug/l	10/26/96	1461297
		V042	Carbon Disulfide	< 5		ug/l	10/26/96	1461297
		V043	2-Hexanone	< 10		ug/l	10/26/96	1461297
		V044	4-Methyl-2-Pentanone (MIBK)	< 10		ug/l	10/26/96	1461297
		V045	Vinyl Acetate	< 10		ug/l	10/26/96	1461297
		V075	1,2-Dichloroethene(total)	< 5		ug/l	10/26/96	1461297
		V155	2,4,4-Trimethyl-1-pentene	< 5		ug/l	10/26/96	1461297

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TABLE 2-19
Groundwater Analytical Results
Volatile Organic Compounds
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID		Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
GW-83-S									
				Volatile Organics					
			V253	2,4,4-Trimethyl-2-Pentene	< 5		ug/l	10/26/96	1461297
GW-84-D									
				Volatile Organics					
			V003	Benzene	4	J	ug/l	12/20/96	1461416
	DUP OF	1461416	V003	Benzene	4	J	ug/l	12/20/96	1461417
			V005	Bromoform	< 10		ug/l	12/20/96	1461416
	DUP OF	1461416	V005	Bromoform	< 10		ug/l	12/20/96	1461417
			V006	Carbon Tetrachloride	< 10		ug/l	12/20/96	1461416
	DUP OF	1461416	V006	Carbon Tetrachloride	< 10		ug/l	12/20/96	1461417
			V007	Chlorobenzene	< 10		ug/l	12/20/96	1461416
	DUP OF	1461416	V007	Chlorobenzene	< 10		ug/l	12/20/96	1461417
			V008	Dibromochloromethane	< 10		ug/l	12/20/96	1461416
	DUP OF	1461416	V008	Dibromochloromethane	< 10		ug/l	12/20/96	1461417
			V009	Bromodichloromethane	< 10		ug/l	12/20/96	1461416
	DUP OF	1461416	V009	Bromodichloromethane	< 10		ug/l	12/20/96	1461417
			V010	Chloroethane	< 20		ug/l	12/20/96	1461416
	DUP OF	1461416	V010	Chloroethane	< 20		ug/l	12/20/96	1461417
			V012	Chloroform	< 10		ug/l	12/20/96	1461416
	DUP OF	1461416	V012	Chloroform	< 10		ug/l	12/20/96	1461417
			V015	1,1-Dichloroethane	< 10		ug/l	12/20/96	1461416
	DUP OF	1461416	V015	1,1-Dichloroethane	< 10		ug/l	12/20/96	1461417
			V016	1,2-Dichloroethane	< 10		ug/l	12/20/96	1461416
	DUP OF	1461416	V016	1,2-Dichloroethane	< 10		ug/l	12/20/96	1461417
			V017	1,1-Dichloroethene	< 10		ug/l	12/20/96	1461416
	DUP OF	1461416	V017	1,1-Dichloroethene	< 10		ug/l	12/20/96	1461417
			V018	1,2-Dichloropropane	< 10		ug/l	12/20/96	1461416
	DUP OF	1461416	V018	1,2-Dichloropropane	< 10		ug/l	12/20/96	1461417
			V019	cis-1,3-Dichloropropene	< 10		ug/l	12/20/96	1461416
	DUP OF	1461416	V019	cis-1,3-Dichloropropene	< 10		ug/l	12/20/96	1461417
			V020	Trans-1,3-Dichloropropene	< 10		ug/l	12/20/96	1461416
	DUP OF	1461416	V020	Trans-1,3-Dichloropropene	< 10		ug/l	12/20/96	1461417
			V021	Ethylbenzene	< 10		ug/l	12/20/96	1461416
	DUP OF	1461416	V021	Ethylbenzene	< 10		ug/l	12/20/96	1461417
			V022	Bromomethane(MethylBromide)	< 20		ug/l	12/20/96	1461416
	DUP OF	1461416	V022	Bromomethane(MethylBromide)	< 20		ug/l	12/20/96	1461417
			V023	Chloromethane(MethylChloride)	< 20		ug/l	12/20/96	1461416
	DUP OF	1461416	V023	Chloromethane(MethylChloride)	< 20		ug/l	12/20/96	1461417
			V024	Methylene Chloride	2	J	ug/l	12/20/96	1461416
	DUP OF	1461416	V024	Methylene Chloride	< 10		ug/l	12/20/96	1461417
			V025	1,1,2,2-Tetrachloroethane	< 10		ug/l	12/20/96	1461416
	DUP OF	1461416	V025	1,1,2,2-Tetrachloroethane	< 10		ug/l	12/20/96	1461417
			V026	Tetrachloroethene (PCE)	4	J	ug/l	12/20/96	1461416
	DUP OF	1461416	V026	Tetrachloroethene (PCE)	5	J	ug/l	12/20/96	1461417
			V027	Toluene	< 10		ug/l	12/20/96	1461416
	DUP OF	1461416	V027	Toluene	< 10		ug/l	12/20/96	1461417
			V029	1,1,1-Trichloroethane	0.3	J	ug/l	12/20/96	1461416
	DUP OF	1461416	V029	1,1,1-Trichloroethane	< 10		ug/l	12/20/96	1461417
			V030	1,1,2-Trichloroethane	< 10		ug/l	12/20/96	1461416
	DUP OF	1461416	V030	1,1,2-Trichloroethane	< 10		ug/l	12/20/96	1461417
			V031	Trichloroethene (TCE)	240		ug/l	12/20/96	1461416
	DUP OF	1461416	V031	Trichloroethene (TCE)	260		ug/l	12/20/96	1461417
			V033	Styrene	< 10		ug/l	12/20/96	1461416
	DUP OF	1461416	V033	Styrene	< 10		ug/l	12/20/96	1461417
			V034	Vinyl Chloride	< 20		ug/l	12/20/96	1461416
	DUP OF	1461416	V034	Vinyl Chloride	< 20		ug/l	12/20/96	1461417
			V039	Xylenes, Total	< 10		ug/l	12/20/96	1461416
	DUP OF	1461416	V039	Xylenes, Total	< 10		ug/l	12/20/96	1461417
			V040	Acetone	< 20		ug/l	12/20/96	1461416

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TABLE 2-19
Groundwater Analytical Results
Volatile Organic Compounds
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID		Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
GW-84-D									
				Volatile Organics					
	DUP OF	1461416	V040	Acetone	< 20		ug/l	12/20/96	1461417
			V041	2-Butanone (MEK)	< 20		ug/l	12/20/96	1461416
	DUP OF	1461416	V041	2-Butanone (MEK)	< 20		ug/l	12/20/96	1461417
			V042	Carbon Disulfide	< 10		ug/l	12/20/96	1461416
	DUP OF	1461416	V042	Carbon Disulfide	< 10		ug/l	12/20/96	1461417
			V043	2-Hexanone	57		ug/l	12/20/96	1461416
	DUP OF	1461416	V043	2-Hexanone	62		ug/l	12/20/96	1461417
			V044	4-Methyl-2-Pentanone (MIBK)	< 20		ug/l	12/20/96	1461416
	DUP OF	1461416	V044	4-Methyl-2-Pentanone (MIBK)	< 20		ug/l	12/20/96	1461417
			V045	Vinyl Acetate	< 20		ug/l	12/20/96	1461416
	DUP OF	1461416	V045	Vinyl Acetate	< 20		ug/l	12/20/96	1461417
			V075	1,2-Dichloroethene(total)	29		ug/l	12/20/96	1461416
	DUP OF	1461416	V075	1,2-Dichloroethene(total)	30		ug/l	12/20/96	1461417
			V155	2,4,4-Trimethyl-1-pentene	4	J	ug/l	12/20/96	1461416
	DUP OF	1461416	V155	2,4,4-Trimethyl-1-pentene	4	J	ug/l	12/20/96	1461417
			V253	2,4,4-Trimethyl-2-Pentene	< 10		ug/l	12/20/96	1461416
	DUP OF	1461416	V253	2,4,4-Trimethyl-2-Pentene	< 10		ug/l	12/20/96	1461417
GW-84-M									
				Volatile Organics					
			V003	Benzene	< 5		ug/l	12/20/96	1461415
			V005	Bromoform	< 5		ug/l	12/20/96	1461415
			V006	Carbon Tetrachloride	< 5		ug/l	12/20/96	1461415
			V007	Chlorobenzene	< 5		ug/l	12/20/96	1461415
			V008	Dibromochloromethane	< 5		ug/l	12/20/96	14[illegible]5
			V009	Bromodichloromethane	< 5		ug/l	12/20/96	1[illegible]
			V010	Chloroethane	< 10		ug/l	12/20/96	14[illegible]5
			V012	Chloroform	< 5		ug/l	12/20/96	1461415
			V015	1,1-Dichloroethane	< 5		ug/l	12/20/96	1461415
			V016	1,2-Dichloroethane	< 5		ug/l	12/20/96	1461415
			V017	1,1-Dichloroethene	< 5		ug/l	12/20/96	1461415
			V018	1,2-Dichloropropane	< 5		ug/l	12/20/96	1461415
			V019	cis-1,3-Dichloropropene	< 5		ug/l	12/20/96	1461415
			V020	Trans-1,3-Dichloropropene	< 5		ug/l	12/20/96	1461415
			V021	Ethylbenzene	< 5		ug/l	12/20/96	1461415
			V022	Bromomethane(MethylBromide)	< 10		ug/l	12/20/96	1461415
			V023	Chloromethane(MethylChloride)	< 10		ug/l	12/20/96	1461415
			V024	Methylene Chloride	< 5		ug/l	12/20/96	1461415
			V025	1,1,2,2-Tetrachloroethane	< 5		ug/l	12/20/96	1461415
			V026	Tetrachloroethene (PCE)	< 5		ug/l	12/20/96	1461415
			V027	Toluene	< 5		ug/l	12/20/96	1461415
			V029	1,1,1-Trichloroethane	< 5		ug/l	12/20/96	1461415
			V030	1,1,2-Trichloroethane	< 5		ug/l	12/20/96	1461415
			V031	Trichloroethene (TCE)	1	J	ug/l	12/20/96	1461415
			V033	Styrene	< 5		ug/l	12/20/96	1461415
			V034	Vinyl Chloride	< 10		ug/l	12/20/96	1461415
			V039	Xylenes, Total	< 5		ug/l	12/20/96	1461415
			V040	Acetone	< 10		ug/l	12/20/96	1461415
			V041	2-Butanone (MEK)	< 10		ug/l	12/20/96	1461415
			V042	Carbon Disulfide	< 5		ug/l	12/20/96	1461415
			V043	2-Hexanone	< 10		ug/l	12/20/96	1461415
			V044	4-Methyl-2-Pentanone (MIBK)	< 10		ug/l	12/20/96	1461415
			V045	Vinyl Acetate	< 10		ug/l	12/20/96	1461415
			V075	1,2-Dichloroethene(total)	< 5		ug/l	12/20/96	1461415
			V155	2,4,4-Trimethyl-1-pentene	< 5		ug/l	12/20/96	1461415
			V253	2,4,4-Trimethyl-2-Pentene	< 5		ug/l	12/20/96	1461415

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TABLE 2-19
Groundwater Analytical Results
Volatile Organic Compounds
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
GW-84-S								
			Volatile Organics					
		V003	Benzene	< 5		ug/l	12/20/96	1461414
		V005	Bromoform	< 5		ug/l	12/20/96	1461414
		V006	Carbon Tetrachloride	< 5		ug/l	12/20/96	1461414
		V007	Chlorobenzene	< 5		ug/l	12/20/96	1461414
		V008	Dibromochloromethane	< 5		ug/l	12/20/96	1461414
		V009	Bromodichloromethane	< 5		ug/l	12/20/96	1461414
		V010	Chloroethane	< 10		ug/l	12/20/96	1461414
		V012	Chloroform	< 5		ug/l	12/20/96	1461414
		V015	1,1-Dichloroethane	< 5		ug/l	12/20/96	1461414
		V016	1,2-Dichloroethane	< 5		ug/l	12/20/96	1461414
		V017	1,1-Dichloroethene	< 5		ug/l	12/20/96	1461414
		V018	1,2-Dichloropropane	< 5		ug/l	12/20/96	1461414
		V019	cis-1,3-Dichloropropene	< 5		ug/l	12/20/96	1461414
		V020	Trans-1,3-Dichloropropene	< 5		ug/l	12/20/96	1461414
		V021	Ethylbenzene	< 5		ug/l	12/20/96	1461414
		V022	Bromomethane(MethylBromide)	< 10		ug/l	12/20/96	1461414
		V023	Chloromethane(MethylChloride)	< 10		ug/l	12/20/96	1461414
		V024	Methylene Chloride	< 5		ug/l	12/20/96	1461414
		V025	1,1,2,2-Tetrachloroethane	< 5		ug/l	12/20/96	1461414
		V026	Tetrachloroethene (PCE)	< 5		ug/l	12/20/96	1461414
		V027	Toluene	< 5		ug/l	12/20/96	1461414
		V029	1,1,1-Trichloroethane	< 5		ug/l	12/20/96	1461414
		V030	1,1,2-Trichloroethane	< 5		ug/l	12/20/96	1461414
		V031	Trichloroethene (TCE)	0.9	J	ug/l	12/20/96	1461414
		V033	Styrene	< 5		ug/l	12/20/96	1461414
		V034	Vinyl Chloride	< 10		ug/l	12/20/96	1461414
		V039	Xylenes, Total	< 5		ug/l	12/20/96	1461414
		V040	Acetone	< 10		ug/l	12/20/96	1461414
		V041	2-Butanone (MEK)	< 10		ug/l	12/20/96	1461414
		V042	Carbon Disulfide	< 5		ug/l	12/20/96	1461414
		V043	2-Hexanone	< 10		ug/l	12/20/96	1461414
		V044	4-Methyl-2-Pentanone (MIBK)	< 10		ug/l	12/20/96	1461414
		V045	Vinyl Acetate	< 10		ug/l	12/20/96	1461414
		V075	1,2-Dichloroethene(total)	< 5		ug/l	12/20/96	1461414
		V155	2,4,4-Trimethyl-1-pentene	< 5		ug/l	12/20/96	1461414
		V253	2,4,4-Trimethyl-2-Pentene	< 5		ug/l	12/20/96	1461414
GW-85-D								
			Volatile Organics					
		V003	Benzene	2	J	ug/l	11/19/96	1461350
		V005	Bromoform	< 5		ug/l	11/19/96	1461350
		V006	Carbon Tetrachloride	< 5		ug/l	11/19/96	1461350
		V007	Chlorobenzene	< 5		ug/l	11/19/96	1461350
		V008	Dibromochloromethane	< 5		ug/l	11/19/96	1461350
		V009	Bromodichloromethane	< 5		ug/l	11/19/96	1461350
		V010	Chloroethane	< 10		ug/l	11/19/96	1461350
		V012	Chloroform	< 5		ug/l	11/19/96	1461350
		V015	1,1-Dichloroethane	< 5		ug/l	11/19/96	1461350
		V016	1,2-Dichloroethane	3	J	ug/l	11/19/96	1461350
		V017	1,1-Dichloroethene	< 5		ug/l	11/19/96	1461350
		V018	1,2-Dichloropropane	< 5		ug/l	11/19/96	1461350
		V019	cis-1,3-Dichloropropene	< 5		ug/l	11/19/96	1461350
		V020	Trans-1,3-Dichloropropene	< 5		ug/l	11/19/96	1461350
		V021	Ethylbenzene	< 5		ug/l	11/19/96	1461350
		V022	Bromomethane(MethylBromide)	< 10		ug/l	11/19/96	1461350
		V023	Chloromethane(MethylChloride)	< 10		ug/l	11/19/96	1461350
		V024	Methylene Chloride	0.9	JB	ug/l	11/19/96	1461350
		V025	1,1,2,2-Tetrachloroethane	< 5		ug/l	11/19/96	1461350
		V026	Tetrachloroethene (PCE)	1	J	ug/l	11/19/96	1461350

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TABLE 2-19
Groundwater Analytical Results
Volatile Organic Compounds
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID		Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
GW-85-D									
				Volatile Organics					
			V027	Toluene	< 5		ug/l	11/19/96	1461350
			V029	1,1,1-Trichloroethane	< 5		ug/l	11/19/96	1461350
			V030	1,1,2-Trichloroethane	< 5		ug/l	11/19/96	1461350
			V031	Trichloroethene (TCE)	83		ug/l	11/19/96	1461350
			V033	Styrene	< 5		ug/l	11/19/96	1461350
			V034	Vinyl Chloride	2	J	ug/l	11/19/96	1461350
			V039	Xylenes, Total	< 5		ug/l	11/19/96	1461350
			V040	Acetone	9	J	ug/l	11/19/96	1461350
			V041	2-Butanone (MEK)	< 10		ug/l	11/19/96	1461350
			V042	Carbon Disulfide	< 5		ug/l	11/19/96	1461350
			V043	2-Hexanone	< 10		ug/l	11/19/96	1461350
			V044	4-Methyl-2-Pentanone (MIBK)	< 10		ug/l	11/19/96	1461350
			V045	Vinyl Acetate	< 10		ug/l	11/19/96	1461350
			V075	1,2-Dichloroethene(total)	99		ug/l	11/19/96	1461350
			V155	2,4,4-Trimethyl-1-pentene	2	J	ug/l	11/19/96	1461350
			V253	2,4,4-Trimethyl-2-Pentene	< 5		ug/l	11/19/96	1461350
GW-85-M									
				Volatile Organics					
			V003	Benzene	< 5		ug/l	11/19/96	1461348
	DUP OF	1461348	V003	Benzene	< 5		ug/l	11/19/96	1461349
			V005	Bromoform	< 5		ug/l	11/19/96	1461348
	DUP OF	1461348	V005	Bromoform	< 5		ug/l	11/19/96	1461349
			V006	Carbon Tetrachloride	< 5		ug/l	11/19/96	1461348
	DUP OF	1461348	V006	Carbon Tetrachloride	< 5		ug/l	11/19/96	1[illegible]9
			V007	Chlorobenzene	< 5		ug/l	11/19/96	1[illegible]3
	DUP OF	1461348	V007	Chlorobenzene	< 5		ug/l	11/19/96	146[illegible]49
			V008	Dibromochloromethane	< 5		ug/l	11/19/96	1461348
	DUP OF	1461348	V008	Dibromochloromethane	< 5		ug/l	11/19/96	1461349
			V009	Bromodichloromethane	< 5		ug/l	11/19/96	1461348
	DUP OF	1461348	V009	Bromodichloromethane	< 5		ug/l	11/19/96	1461349
			V010	Chloroethane	< 10		ug/l	11/19/96	1461348
	DUP OF	1461348	V010	Chloroethane	< 10		ug/l	11/19/96	1461349
			V012	Chloroform	< 5		ug/l	11/19/96	1461348
	DUP OF	1461348	V012	Chloroform	< 5		ug/l	11/19/96	1461349
			V015	1,1-Dichloroethane	< 5		ug/l	11/19/96	1461348
	DUP OF	1461348	V015	1,1-Dichloroethane	< 5		ug/l	11/19/96	1461349
			V016	1,2-Dichloroethane	< 5		ug/l	11/19/96	1461348
	DUP OF	1461348	V016	1,2-Dichloroethane	< 5		ug/l	11/19/96	1461349
			V017	1,1-Dichloroethene	< 5		ug/l	11/19/96	1461348
	DUP OF	1461348	V017	1,1-Dichloroethene	< 5		ug/l	11/19/96	1461349
			V018	1,2-Dichloropropane	< 5		ug/l	11/19/96	1461348
	DUP OF	1461348	V018	1,2-Dichloropropane	< 5		ug/l	11/19/96	1461349
			V019	cis-1,3-Dichloropropene	< 5		ug/l	11/19/96	1461348
	DUP OF	1461348	V019	cis-1,3-Dichloropropene	< 5		ug/l	11/19/96	1461349
			V020	Trans-1,3-Dichloropropene	< 5		ug/l	11/19/96	1461348
	DUP OF	1461348	V020	Trans-1,3-Dichloropropene	< 5		ug/l	11/19/96	1461349
			V021	Ethylbenzene	< 5		ug/l	11/19/96	1461348
	DUP OF	1461348	V021	Ethylbenzene	< 5		ug/l	11/19/96	1461349
			V022	Bromomethane(MethylBromide)	< 10		ug/l	11/19/96	1461348
	DUP OF	1461348	V022	Bromomethane(MethylBromide)	< 10		ug/l	11/19/96	1461349
			V023	Chloromethane(MethylChloride)	< 10		ug/l	11/19/96	1461348
	DUP OF	1461348	V023	Chloromethane(MethylChloride)	< 10		ug/l	11/19/96	1461349
			V024	Methylene Chloride	0.9	JB	ug/l	11/19/96	1461348
	DUP OF	1461348	V024	Methylene Chloride	1	JB	ug/l	11/19/96	1461349
			V025	1,1,2,2-Tetrachloroethane	< 5		ug/l	11/19/96	1461348
	DUP OF	1461348	V025	1,1,2,2-Tetrachloroethane	< 5		ug/l	11/19/96	1461349
			V026	Tetrachloroethene (PCE)	< 5		ug/l	11/19/96	1461348
	DUP OF	1461348	V026	Tetrachloroethene (PCE)	< 5		ug/l	11/19/96	1461349

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TABLE 2-19
Groundwater Analytical Results
Volatile Organic Compounds
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID		Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
GW-85-M									
				Volatile Organics					
			V027	Toluene	< 5		ug/l	11/19/96	1461348
	DUP OF	1461348	V027	Toluene	< 5		ug/l	11/19/96	1461349
			V029	1,1,1-Trichloroethane	< 5		ug/l	11/19/96	1461348
	DUP OF	1461348	V029	1,1,1-Trichloroethane	< 5		ug/l	11/19/96	1461349
			V030	1,1,2-Trichloroethane	< 5		ug/l	11/19/96	1461348
	DUP OF	1461348	V030	1,1,2-Trichloroethane	< 5		ug/l	11/19/96	1461349
			V031	Trichloroethene (TCE)	24		ug/l	11/19/96	1461348
	DUP OF	1461348	V031	Trichloroethene (TCE)	46		ug/l	11/19/96	1461349
			V033	Styrene	< 5		ug/l	11/19/96	1461348
	DUP OF	1461348	V033	Styrene	< 5		ug/l	11/19/96	1461349
			V034	Vinyl Chloride	< 10		ug/l	11/19/96	1461348
	DUP OF	1461348	V034	Vinyl Chloride	< 10		ug/l	11/19/96	1461349
			V039	Xylenes, Total	< 5		ug/l	11/19/96	1461348
	DUP OF	1461348	V039	Xylenes, Total	< 5		ug/l	11/19/96	1461349
			V040	Acetone	4	J	ug/l	11/19/96	1461348
	DUP OF	1461348	V040	Acetone	< 10		ug/l	11/19/96	1461349
			V041	2-Butanone (MEK)	< 10		ug/l	11/19/96	1461348
	DUP OF	1461348	V041	2-Butanone (MEK)	< 10		ug/l	11/19/96	1461349
			V042	Carbon Disulfide	< 5		ug/l	11/19/96	1461348
	DUP OF	1461348	V042	Carbon Disulfide	< 5		ug/l	11/19/96	1461349
			V043	2-Hexanone	< 10		ug/l	11/19/96	1461348
	DUP OF	1461348	V043	2-Hexanone	< 10		ug/l	11/19/96	1461349
			V044	4-Methyl-2-Pentanone (MIBK)	< 10		ug/l	11/19/96	1461348
	DUP OF	1461348	V044	4-Methyl-2-Pentanone (MIBK)	< 10		ug/l	11/19/96	1461349
			V045	Vinyl Acetate	< 10		ug/l	11/19/96	1461348
	DUP OF	1461348	V045	Vinyl Acetate	< 10		ug/l	11/19/96	1461349
			V075	1,2-Dichloroethene(total)	19		ug/l	11/19/96	1461348
	DUP OF	1461348	V075	1,2-Dichloroethene(total)	23		ug/l	11/19/96	1461349
			V155	2,4,4-Trimethyl-1-pentene	< 5		ug/l	11/19/96	1461348
	DUP OF	1461348	V155	2,4,4-Trimethyl-1-pentene	< 5		ug/l	11/19/96	1461349
			V253	2,4,4-Trimethyl-2-Pentene	< 5		ug/l	11/19/96	1461348
	DUP OF	1461348	V253	2,4,4-Trimethyl-2-Pentene	< 5		ug/l	11/19/96	1461349
GW-86-D									
				Volatile Organics					
			V003	Benzene	< 20		ug/l	12/19/96	1461409
			V005	Bromoform	< 20		ug/l	12/19/96	1461409
			V006	Carbon Tetrachloride	< 20		ug/l	12/19/96	1461409
			V007	Chlorobenzene	< 20		ug/l	12/19/96	1461409
			V008	Dibromochloromethane	< 20		ug/l	12/19/96	1461409
			V009	Bromodichloromethane	< 20		ug/l	12/19/96	1461409
			V010	Chloroethane	< 40		ug/l	12/19/96	1461409
			V012	Chloroform	< 20		ug/l	12/19/96	1461409
			V015	1,1-Dichloroethane	< 20		ug/l	12/19/96	1461409
			V016	1,2-Dichloroethane	< 20		ug/l	12/19/96	1461409
			V017	1,1-Dichloroethene	< 20		ug/l	12/19/96	1461409
			V018	1,2-Dichloropropane	< 20		ug/l	12/19/96	1461409
			V019	cis-1,3-Dichloropropene	< 20		ug/l	12/19/96	1461409
			V020	Trans-1,3-Dichloropropene	< 20		ug/l	12/19/96	1461409
			V021	Ethylbenzene	< 20		ug/l	12/19/96	1461409
			V022	Bromomethane(MethylBromide)	< 40		ug/l	12/19/96	1461409
			V023	Chloromethane(MethylChloride)	< 40		ug/l	12/19/96	1461409
			V024	Methylene Chloride	< 20		ug/l	12/19/96	1461409
			V025	1,1,2,2-Tetrachloroethane	< 20		ug/l	12/19/96	1461409
			V026	Tetrachloroethene (PCE)	< 20		ug/l	12/19/96	1461409
			V027	Toluene	< 20		ug/l	12/19/96	1461409
			V029	1,1,1-Trichloroethane	< 20		ug/l	12/19/96	1461409
			V030	1,1,2-Trichloroethane	< 20		ug/l	12/19/96	1461409
			V031	Trichloroethene (TCE)	< 20		ug/l	12/19/96	1461409

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TABLE 2-19
Groundwater Analytical Results
Volatile Organic Compounds
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
GW-86-D								
			Volatile Organics					
		V033	Styrene	< 20		ug/l	12/19/96	1461409
		V034	Vinyl Chloride	< 40		ug/l	12/19/96	1461409
		V039	Xylenes, Total	< 20		ug/l	12/19/96	1461409
		V040	Acetone	< 40		ug/l	12/19/96	1461409
		V041	2-Butanone (MEK)	< 40		ug/l	12/19/96	1461409
		V042	Carbon Disulfide	< 20		ug/l	12/19/96	1461409
		V043	2-Hexanone	110		ug/l	12/19/96	1461409
		V044	4-Methyl-2-Pentanone (MIBK)	< 40		ug/l	12/19/96	1461409
		V045	Vinyl Acetate	< 40		ug/l	12/19/96	1461409
		V075	1,2-Dichloroethene(total)	430		ug/l	12/19/96	1461409
		V155	2,4,4-Trimethyl-1-pentene	< 20		ug/l	12/19/96	1461409
		V253	2,4,4-Trimethyl-2-Pentene	< 20		ug/l	12/19/96	1461409
GW-86-M								
			Volatile Organics					
		V003	Benzene	< 5		ug/l	12/19/96	1461407
		V005	Bromoform	< 5		ug/l	12/19/96	1461407
		V006	Carbon Tetrachloride	< 5		ug/l	12/19/96	1461407
		V007	Chlorobenzene	< 5		ug/l	12/19/96	1461407
		V008	Dibromochloromethane	< 5		ug/l	12/19/96	1461407
		V009	Bromodichloromethane	< 5		ug/l	12/19/96	1461407
		V010	Chloroethane	< 10		ug/l	12/19/96	1461407
		V012	Chloroform	< 5		ug/l	12/19/96	1461407
		V015	1,1-Dichloroethane	< 5		ug/l	12/19/96	1461407
		V016	1,2-Dichloroethane	< 5		ug/l	12/19/96	1[illegible]
		V017	1,1-Dichloroethene	< 5		ug/l	12/19/96	1[illegible]
		V018	1,2-Dichloropropane	< 5		ug/l	12/19/96	146[illegible]07
		V019	cis-1,3-Dichloropropene	< 5		ug/l	12/19/96	1461407
		V020	Trans-1,3-Dichloropropene	< 5		ug/l	12/19/96	1461407
		V021	Ethylbenzene	< 5		ug/l	12/19/96	1461407
		V022	Bromomethane(MethylBromide)	< 10		ug/l	12/19/96	1461407
		V023	Chloromethane(MethylChloride)	< 10		ug/l	12/19/96	1461407
		V024	Methylene Chloride	< 5		ug/l	12/19/96	1461407
		V025	1,1,2,2-Tetrachloroethane	< 5		ug/l	12/19/96	1461407
		V026	Tetrachloroethene (PCE)	< 5		ug/l	12/19/96	1461407
		V027	Toluene	< 5		ug/l	12/19/96	1461407
		V029	1,1,1-Trichloroethane	< 5		ug/l	12/19/96	1461407
		V030	1,1,2-Trichloroethane	< 5		ug/l	12/19/96	1461407
		V031	Trichloroethene (TCE)	< 5		ug/l	12/19/96	1461407
		V033	Styrene	< 5		ug/l	12/19/96	1461407
		V034	Vinyl Chloride	< 10		ug/l	12/19/96	1461407
		V039	Xylenes, Total	< 5		ug/l	12/19/96	1461407
		V040	Acetone	< 10		ug/l	12/19/96	1461407
		V041	2-Butanone (MEK)	< 10		ug/l	12/19/96	1461407
		V042	Carbon Disulfide	< 5		ug/l	12/19/96	1461407
		V043	2-Hexanone	< 10		ug/l	12/19/96	1461407
		V044	4-Methyl-2-Pentanone (MIBK)	< 10		ug/l	12/19/96	1461407
		V045	Vinyl Acetate	< 10		ug/l	12/19/96	1461407
		V075	1,2-Dichloroethene(total)	5		ug/l	12/19/96	1461407
		V155	2,4,4-Trimethyl-1-pentene	< 5		ug/l	12/19/96	1461407
		V253	2,4,4-Trimethyl-2-Pentene	< 5		ug/l	12/19/96	1461407
GW-86-S								
			Volatile Organics					
		V003	Benzene	< 5		ug/l	12/19/96	1461405
		V005	Bromoform	< 5		ug/l	12/19/96	1461405
		V006	Carbon Tetrachloride	< 5		ug/l	12/19/96	1461405
		V007	Chlorobenzene	< 5		ug/l	12/19/96	1461405
		V008	Dibromochloromethane	< 5		ug/l	12/19/96	1461405

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TABLE 2-19
Groundwater Analytical Results
Volatile Organic Compounds
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
GW-86-S								
			Volatile Organics					
		V009	Bromodichloromethane	< 5		ug/l	12/19/96	1461405
		V010	Chloroethane	< 10		ug/l	12/19/96	1461405
		V012	Chloroform	< 5		ug/l	12/19/96	1461405
		V015	1,1-Dichloroethane	< 5		ug/l	12/19/96	1461405
		V016	1,2-Dichloroethane	< 5		ug/l	12/19/96	1461405
		V017	1,1-Dichloroethene	< 5		ug/l	12/19/96	1461405
		V018	1,2-Dichloropropane	< 5		ug/l	12/19/96	1461405
		V019	cis-1,3-Dichloropropene	< 5		ug/l	12/19/96	1461405
		V020	Trans-1,3-Dichloropropene	< 5		ug/l	12/19/96	1461405
		V021	Ethylbenzene	< 5		ug/l	12/19/96	1461405
		V022	Bromomethane(MethylBromide)	< 10		ug/l	12/19/96	1461405
		V023	Chloromethane(MethylChloride)	< 10		ug/l	12/19/96	1461405
		V024	Methylene Chloride	< 5		ug/l	12/19/96	1461405
		V025	1,1,2,2-Tetrachloroethane	< 5		ug/l	12/19/96	1461405
		V026	Tetrachloroethene (PCE)	< 5		ug/l	12/19/96	1461405
		V027	Toluene	< 5		ug/l	12/19/96	1461405
		V029	1,1,1-Trichloroethane	< 5		ug/l	12/19/96	1461405
		V030	1,1,2-Trichloroethane	< 5		ug/l	12/19/96	1461405
		V031	Trichloroethene (TCE)	< 5		ug/l	12/19/96	1461405
		V033	Styrene	< 5		ug/l	12/19/96	1461405
		V034	Vinyl Chloride	< 10		ug/l	12/19/96	1461405
		V039	Xylenes, Total	< 5		ug/l	12/19/96	1461405
		V040	Acetone	< 10		ug/l	12/19/96	1461405
		V041	2-Butanone (MEK)	< 10		ug/l	12/19/96	1461405
		V042	Carbon Disulfide	< 5		ug/l	12/19/96	1461405
		V043	2-Hexanone	< 10		ug/l	12/19/96	1461405
		V044	4-Methyl-2-Pentanone (MIBK)	< 10		ug/l	12/19/96	1461405
		V045	Vinyl Acetate	< 10		ug/l	12/19/96	1461405
		V075	1,2-Dichloroethene(total)	< 5		ug/l	12/19/96	1461405
		V155	2,4,4-Trimethyl-1-pentene	< 5		ug/l	12/19/96	1461405
		V253	2,4,4-Trimethyl-2-Pentene	< 5		ug/l	12/19/96	1461405
GW-87-D								
			Volatile Organics					
		V003	Benzene	< 20		ug/l	12/19/96	1461411
		V005	Bromoform	< 20		ug/l	12/19/96	1461411
		V006	Carbon Tetrachloride	< 20		ug/l	12/19/96	1461411
		V007	Chlorobenzene	< 20		ug/l	12/19/96	1461411
		V008	Dibromochloromethane	< 20		ug/l	12/19/96	1461411
		V009	Bromodichloromethane	< 20		ug/l	12/19/96	1461411
		V010	Chloroethane	< 40		ug/l	12/19/96	1461411
		V012	Chloroform	< 20		ug/l	12/19/96	1461411
		V015	1,1-Dichloroethane	< 20		ug/l	12/19/96	1461411
		V016	1,2-Dichloroethane	< 20		ug/l	12/19/96	1461411
		V017	1,1-Dichloroethene	< 20		ug/l	12/19/96	1461411
		V018	1,2-Dichloropropane	< 20		ug/l	12/19/96	1461411
		V019	cis-1,3-Dichloropropene	< 20		ug/l	12/19/96	1461411
		V020	Trans-1,3-Dichloropropene	< 20		ug/l	12/19/96	1461411
		V021	Ethylbenzene	< 20		ug/l	12/19/96	1461411
		V022	Bromomethane(MethylBromide)	< 40		ug/l	12/19/96	1461411
		V023	Chloromethane(MethylChloride)	< 40		ug/l	12/19/96	1461411
		V024	Methylene Chloride	< 20		ug/l	12/19/96	1461411
		V025	1,1,2,2-Tetrachloroethane	< 20		ug/l	12/19/96	1461411
		V026	Tetrachloroethene (PCE)	< 20		ug/l	12/19/96	1461411
		V027	Toluene	< 20		ug/l	12/19/96	1461411
		V029	1,1,1-Trichloroethane	< 20		ug/l	12/19/96	1461411
		V030	1,1,2-Trichloroethane	< 20		ug/l	12/19/96	1461411
		V031	Trichloroethene (TCE)	< 20		ug/l	12/19/96	1461411
		V033	Styrene	< 20		ug/l	12/19/96	1461411

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TABLE 2-19
Groundwater Analytical Results
Volatile Organic Compounds
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
GW-87-D								
			Volatile Organics					
		V034	Vinyl Chloride	< 40		ug/l	12/19/96	1461411
		V039	Xylenes, Total	< 20		ug/l	12/19/96	1461411
		V040	Acetone	< 40		ug/l	12/19/96	1461411
		V041	2-Butanone (MEK)	< 40		ug/l	12/19/96	1461411
		V042	Carbon Disulfide	< 20		ug/l	12/19/96	1461411
		V043	2-Hexanone	120		ug/l	12/19/96	1461411
		V044	4-Methyl-2-Pentanone (MIBK)	< 40		ug/l	12/19/96	1461411
		V045	Vinyl Acetate	< 40		ug/l	12/19/96	1461411
		V075	1,2-Dichloroethene(total)	400		ug/l	12/19/96	1461411
		V155	2,4,4-Trimethyl-1-pentene	< 20		ug/l	12/19/96	1461411
		V253	2,4,4-Trimethyl-2-Pentene	< 20		ug/l	12/19/96	1461411
IW-11								
			Volatile Organics					
		V003	Benzene	< 20		ug/l	01/24/97	1461580
		V005	Bromoform	< 20		ug/l	01/24/97	1461580
		V006	Carbon Tetrachloride	< 20		ug/l	01/24/97	1461580
		V007	Chlorobenzene	< 20		ug/l	01/24/97	1461580
		V008	Dibromochloromethane	< 20		ug/l	01/24/97	1461580
		V009	Bromodichloromethane	< 20		ug/l	01/24/97	1461580
		V010	Chloroethane	< 40		ug/l	01/24/97	1461580
		V012	Chloroform	< 20		ug/l	01/24/97	1461580
		V015	1,1-Dichloroethane	< 20		ug/l	01/24/97	1461580
		V016	1,2-Dichloroethane	< 20		ug/l	01/24/97	1461580
		V017	1,1-Dichloroethene	< 20		ug/l	01/24/97	[illegible]
		V018	1,2-Dichloropropane	< 20		ug/l	01/24/97	[illegible]
		V019	cis-1,3-Dichloropropene	< 20		ug/l	01/24/97	1461580
		V020	Trans-1,3-Dichloropropene	< 20		ug/l	01/24/97	1461580
		V021	Ethylbenzene	< 20		ug/l	01/24/97	1461580
		V022	Bromomethane(MethylBromide)	< 40		ug/l	01/24/97	1461580
		V023	Chloromethane(MethylChloride)	< 40		ug/l	01/24/97	1461580
		V024	Methylene Chloride	6	J	ug/l	01/24/97	1461580
		V025	1,1,2,2-Tetrachloroethane	< 20		ug/l	01/24/97	1461580
		V026	Tetrachloroethene (PCE)	< 20		ug/l	01/24/97	1461580
		V027	Toluene	< 20		ug/l	01/24/97	1461580
		V029	1,1,1-Trichloroethane	< 20		ug/l	01/24/97	1461580
		V030	1,1,2-Trichloroethane	< 20		ug/l	01/24/97	1461580
		V031	Trichloroethene (TCE)	< 20		ug/l	01/24/97	1461580
		V033	Styrene	< 20		ug/l	01/24/97	1461580
		V034	Vinyl Chloride	< 40		ug/l	01/24/97	1461580
		V039	Xylenes, Total	8	J	ug/l	01/24/97	1461580
		V040	Acetone	26	J	ug/l	01/24/97	1461580
		V041	2-Butanone (MEK)	< 40		ug/l	01/24/97	1461580
		V042	Carbon Disulfide	< 20		ug/l	01/24/97	1461580
		V043	2-Hexanone	< 40		ug/l	01/24/97	1461580
		V044	4-Methyl-2-Pentanone (MIBK)	< 40		ug/l	01/24/97	1461580
		V045	Vinyl Acetate	< 40		ug/l	01/24/97	1461580
		V075	1,2-Dichloroethene(total)	< 20		ug/l	01/24/97	1461580
		V155	2,4,4-Trimethyl-1-pentene	450		ug/l	01/24/97	1461580
		V253	2,4,4-Trimethyl-2-Pentene	120		ug/l	01/24/97	1461580
IW-12								
			Volatile Organics					
		V003	Benzene	< 50		ug/l	12/18/96	1461382
		V005	Bromoform	< 50		ug/l	12/18/96	1461382
		V006	Carbon Tetrachloride	< 50		ug/l	12/18/96	1461382
		V007	Chlorobenzene	< 50		ug/l	12/18/96	1461382
		V008	Dibromochloromethane	< 50		ug/l	12/18/96	1461382
		V009	Bromodichloromethane	< 50		ug/l	12/18/96	1461382

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TABLE 2-19
Groundwater Analytical Results
Volatile Organic Compounds
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
IW-12								
			Volatile Organics					
		V010	Chloroethane	< 100		ug/l	12/18/96	1461382
		V012	Chloroform	< 50		ug/l	12/18/96	1461382
		V015	1,1-Dichloroethane	< 50		ug/l	12/18/96	1461382
		V016	1,2-Dichloroethane	< 50		ug/l	12/18/96	1461382
		V017	1,1-Dichloroethene	< 50		ug/l	12/18/96	1461382
		V018	1,2-Dichloropropane	< 50		ug/l	12/18/96	1461382
		V019	cis-1,3-Dichloropropene	< 50		ug/l	12/18/96	1461382
		V020	Trans-1,3-Dichloropropene	< 50		ug/l	12/18/96	1461382
		V021	Ethylbenzene	47	J	ug/l	12/18/96	1461382
		V022	Bromomethane(MethylBromide)	< 100		ug/l	12/18/96	1461382
		V023	Chloromethane(MethylChloride)	< 100		ug/l	12/18/96	1461382
		V024	Methylene Chloride	< 50		ug/l	12/18/96	1461382
		V025	1,1,2,2-Tetrachloroethane	< 50		ug/l	12/18/96	1461382
		V026	Tetrachloroethene (PCE)	< 50		ug/l	12/18/96	1461382
		V027	Toluene	< 50		ug/l	12/18/96	1461382
		V029	1,1,1-Trichloroethane	< 50		ug/l	12/18/96	1461382
		V030	1,1,2-Trichloroethane	< 50		ug/l	12/18/96	1461382
		V031	Trichloroethene (TCE)	< 50		ug/l	12/18/96	1461382
		V033	Styrene	< 50		ug/l	12/18/96	1461382
		V034	Vinyl Chloride	< 100		ug/l	12/18/96	1461382
		V039	Xylenes, Total	39	J	ug/l	12/18/96	1461382
		V040	Acetone	< 100		ug/l	12/18/96	1461382
		V041	2-Butanone (MEK)	< 100		ug/l	12/18/96	1461382
		V042	Carbon Disulfide	< 50		ug/l	12/18/96	1461382
		V043	2-Hexanone	2000		ug/l	12/18/96	1461382
		V044	4-Methyl-2-Pentanone (MIBK)	< 100		ug/l	12/18/96	1461382
		V045	Vinyl Acetate	< 100		ug/l	12/18/96	1461382
		V075	1,2-Dichloroethene(total)	< 50		ug/l	12/18/96	1461382
		V155	2,4,4-Trimethyl-1-pentene	560		ug/l	12/18/96	1461382
		V253	2,4,4-Trimethyl-2-Pentene	120		ug/l	12/18/96	1461382
IW-13								
			Volatile Organics					
		V003	Benzene	< 5		ug/l	01/24/97	1461584
		V005	Bromoform	< 5		ug/l	01/24/97	1461584
		V006	Carbon Tetrachloride	< 5		ug/l	01/24/97	1461584
		V007	Chlorobenzene	< 5		ug/l	01/24/97	1461584
		V008	Dibromochloromethane	< 5		ug/l	01/24/97	1461584
		V009	Bromodichloromethane	< 5		ug/l	01/24/97	1461584
		V010	Chloroethane	< 10		ug/l	01/24/97	1461584
		V012	Chloroform	< 5		ug/l	01/24/97	1461584
		V015	1,1-Dichloroethane	< 5		ug/l	01/24/97	1461584
		V016	1,2-Dichloroethane	< 5		ug/l	01/24/97	1461584
		V017	1,1-Dichloroethene	< 5		ug/l	01/24/97	1461584
		V018	1,2-Dichloropropane	< 5		ug/l	01/24/97	1461584
		V019	cis-1,3-Dichloropropene	< 5		ug/l	01/24/97	1461584
		V020	Trans-1,3-Dichloropropene	< 5		ug/l	01/24/97	1461584
		V021	Ethylbenzene	< 5		ug/l	01/24/97	1461584
		V022	Bromomethane(MethylBromide)	< 10		ug/l	01/24/97	1461584
		V023	Chloromethane(MethylChloride)	< 10		ug/l	01/24/97	1461584
		V024	Methylene Chloride	< 5		ug/l	01/24/97	1461584
		V025	1,1,2,2-Tetrachloroethane	< 5		ug/l	01/24/97	1461584
		V026	Tetrachloroethene (PCE)	< 5		ug/l	01/24/97	1461584
		V027	Toluene	< 5		ug/l	01/24/97	1461584
		V029	1,1,1-Trichloroethane	< 5		ug/l	01/24/97	1461584
		V030	1,1,2-Trichloroethane	< 5		ug/l	01/24/97	1461584
		V031	Trichloroethene (TCE)	< 5		ug/l	01/24/97	1461584
		V033	Styrene	< 5		ug/l	01/24/97	1461584
		V034	Vinyl Chloride	< 10		ug/l	01/24/97	1461584

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TABLE 2-19
Groundwater Analytical Results
Volatile Organic Compounds
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
IW-13								
			Volatile Organics					
		V039	Xylenes, Total	< 5		ug/l	01/24/97	1461584
		V040	Acetone	< 10		ug/l	01/24/97	1461584
		V041	2-Butanone (MEK)	< 10		ug/l	01/24/97	1461584
		V042	Carbon Disulfide	< 5		ug/l	01/24/97	1461584
		V043	2-Hexanone	< 10		ug/l	01/24/97	1461584
		V044	4-Methyl-2-Pentanone (MIBK)	< 10		ug/l	01/24/97	1461584
		V045	Vinyl Acetate	< 10		ug/l	01/24/97	1461584
		V075	1,2-Dichloroethene(total)	< 5		ug/l	01/24/97	1461584
		V155	2,4,4-Trimethyl-1-pentene	22		ug/l	01/24/97	1461584
		V253	2,4,4-Trimethyl-2-Pentene	5		ug/l	01/24/97	1461584
M-24/L-54								
			Volatile Organics					
		V003	Benzene	< 1		ug/l	08/12/96	1461029
		V005	Bromoform	< 1		ug/l	08/12/96	1461029
		V006	Carbon Tetrachloride	< 1		ug/l	08/12/96	1461029
		V007	Chlorobenzene	< 1		ug/l	08/12/96	1461029
		V009	Bromodichloromethane	< 1		ug/l	08/12/96	1461029
		V010	Chloroethane	< 1		ug/l	08/12/96	1461029
		V012	Chloroform	< 1		ug/l	08/12/96	1461029
		V015	1,1-Dichloroethane	< 1		ug/l	08/12/96	1461029
		V016	1,2-Dichloroethane	< 1		ug/l	08/12/96	1461029
		V017	1,1-Dichloroethene	< 1		ug/l	08/12/96	1461029
		V018	1,2-Dichloropropane	< 1		ug/l	08/12/96	1461029
		V021	Ethylbenzene	< 1		ug/l	08/12/96	1[illegible]
		V022	Bromomethane(MethylBromide)	< 1		ug/l	08/12/96	1[illegible]
		V023	Chloromethane(MethylChloride)	< 1		ug/l	08/12/96	146[illegible]029
		V024	Methylene Chloride	< 1		ug/l	08/12/96	1461029
		V025	1,1,2,2-Tetrachloroethane	< 1		ug/l	08/12/96	1461029
		V026	Tetrachloroethene (PCE)	< 1		ug/l	08/12/96	1461029
		V027	Toluene	< 1		ug/l	08/12/96	1461029
		V028	trans-1,2-Dichloroethene	< 1		ug/l	08/12/96	1461029
		V029	1,1,1-Trichloroethane	< 1		ug/l	08/12/96	1461029
		V030	1,1,2-Trichloroethane	< 1		ug/l	08/12/96	1461029
		V031	Trichloroethene (TCE)	< 1		ug/l	08/12/96	1461029
		V033	Styrene	< 1		ug/l	08/12/96	1461029
		V034	Vinyl Chloride	< 1		ug/l	08/12/96	1461029
		V035	Xylene (O-)	< 1		ug/l	08/12/96	1461029
		V046	Ethylene dibromide	< 1		ug/l	08/12/96	1461029
		V048	Dichlorodifluoromethane	< 1		ug/l	08/12/96	1461029
		V050	Xylene (M,P-)	< 1		ug/l	08/12/96	1461029
		V053	Isopropyl Benzene	< 1		ug/l	08/12/96	1461029
		V055	n-Propyl Benzene	< 1		ug/l	08/12/96	1461029
		V058	Bromobenzene	< 1		ug/l	08/12/96	1461029
		V059	s-Butylbenzene	< 1		ug/l	08/12/96	1461029
		V064	n-Butyl Benzene	< 1		ug/l	08/12/96	1461029
		V066	1,3-Dichloropropene	< 1		ug/l	08/12/96	1461029
		V071	4-Chlorotoluene	< 1		ug/l	08/12/96	1461029
		V090	2-Chlorotoluene	< 1		ug/l	08/12/96	1461029
		V101	1,2-Dibromo-3-Chloropropane	< 1		ug/l	08/12/96	1461029
		V102	Bromochloromethane	< 1		ug/l	08/12/96	1461029
		V105	Dibromomethane	< 1		ug/l	08/12/96	1461029
		V106	cis-1,2-Dichloroethene	< 1		ug/l	08/12/96	1461029
		V107	1,3-Dichloropropane	< 1		ug/l	08/12/96	1461029
		V108	2,2-Dichloropropane	< 1		ug/l	08/12/96	1461029
		V109	1,1-Dichloropropene	< 1		ug/l	08/12/96	1461029
		V111	1,1,1,2-Tetrachloroethane	< 1		ug/l	08/12/96	1461029
		V112	1,2,3-Trichloropropane	< 1		ug/l	08/12/96	1461029
		V155	2,4,4-Trimethyl-1-pentene	< 1		ug/l	08/12/96	1461029

TABLE 2-19
Groundwater Analytical Results
Volatile Organic Compounds
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
M-24/L-54								
			Volatile Organics					
		V191	Fluorotrichloro-Methane (F-11)	< 1		ug/l	08/12/96	1461029
		V253	2,4,4-Trimethyl-2-Pentene	< 1		ug/l	08/12/96	1461029
		V254	Chlorodibromoethane	< 1		ug/l	08/12/96	1461029
			Tentatively Identified Volatile Organics					
		X144	2-Methoxy-2-methylpropane	20		ug/l	08/12/96	1461029
		X197	1-Methyl-4-(1-ethylhexyl)benzene	< 1.0		ug/l	08/12/96	1461029
M-24/L-63								
			Volatile Organics					
		V003	Benzene	< 1		ug/l	08/13/96	1461034
		V005	Bromoform	< 1		ug/l	08/13/96	1461034
		V006	Carbon Tetrachloride	< 1		ug/l	08/13/96	1461034
		V007	Chlorobenzene	< 1		ug/l	08/13/96	1461034
		V009	Bromodichloromethane	< 1		ug/l	08/13/96	1461034
		V010	Chloroethane	< 1		ug/l	08/13/96	1461034
		V012	Chloroform	< 1		ug/l	08/13/96	1461034
		V015	1,1-Dichloroethane	< 1		ug/l	08/13/96	1461034
		V016	1,2-Dichloroethane	< 1		ug/l	08/13/96	1461034
		V017	1,1-Dichloroethene	< 1		ug/l	08/13/96	1461034
		V018	1,2-Dichloropropane	< 1		ug/l	08/13/96	1461034
		V021	Ethylbenzene	< 1		ug/l	08/13/96	1461034
		V022	Bromomethane(MethylBromide)	< 1		ug/l	08/13/96	1461034
		V023	Chloromethane(MethylChloride)	< 1		ug/l	08/13/96	1461034
		V024	Methylene Chloride	< 1		ug/l	08/13/96	1461034
		V025	1,1,2,2-Tetrachloroethane	[illegible]		ug/l	08/13/96	1461034
		V026	Tetrachloroethene (PCE)	[illegible]		ug/l	08/13/96	1461034
		V027	Toluene	[illegible]		ug/l	08/13/96	1461034
		V028	trans-1,2-Dichloroethene	< 1		ug/l	08/13/96	1461034
		V029	1,1,1-Trichloroethane	< 1		ug/l	08/13/96	1461034
		V030	1,1,2-Trichloroethane	< 1		ug/l	08/13/96	1461034
		V031	Trichloroethene (TCE)	< 1		ug/l	08/13/96	1461034
		V033	Styrene	< 1		ug/l	08/13/96	1461034
		V034	Vinyl Chloride	< 1		ug/l	08/13/96	1461034
		V035	Xylene (O-)	< 1		ug/l	08/13/96	1461034
		V046	Ethylene dibromide	< 1		ug/l	08/13/96	1461034
		V048	Dichlorodifluoromethane	< 1		ug/l	08/13/96	1461034
		V050	Xylene (M,P-)	< 1		ug/l	08/13/96	1461034
		V053	Isopropyl Benzene	< 1		ug/l	08/13/96	1461034
		V055	n-Propyl Benzene	< 1		ug/l	08/13/96	1461034
		V058	Bromobenzene	< 1		ug/l	08/13/96	1461034
		V059	s-Butylbenzene	< 1		ug/l	08/13/96	1461034
		V064	n-Butyl Benzene	< 1		ug/l	08/13/96	1461034
		V066	1,3-Dichloropropene	< 1		ug/l	08/13/96	1461034
		V071	4-Chlorotoluene	< 1		ug/l	08/13/96	1461034
		V090	2-Chlorotoluene	< 1		ug/l	08/13/96	1461034
		V101	1,2-Dibromo-3-Chloropropane	< 1		ug/l	08/13/96	1461034
		V102	Bromochloromethane	< 1		ug/l	08/13/96	1461034
		V105	Dibromomethane	< 1		ug/l	08/13/96	1461034
		V106	cis-1,2-Dichloroethene	< 1		ug/l	08/13/96	1461034
		V107	1,3-Dichloropropane	< 1		ug/l	08/13/96	1461034
		V108	2,2-Dichloropropane	< 1		ug/l	08/13/96	1461034
		V109	1,1-Dichloropropene	< 1		ug/l	08/13/96	1461034
		V111	1,1,1,2-Tetrachloroethane	< 1		ug/l	08/13/96	1461034
		V112	1,2,3-Trichloropropane	< 1		ug/l	08/13/96	1461034
		V155	2,4,4-Trimethyl-1-pentene	< 1		ug/l	08/13/96	1461034
		V191	Fluorotrichloro-Methane (F-11)	< 1		ug/l	08/13/96	1461034
		V253	2,4,4-Trimethyl-2-Pentene	< 1		ug/l	08/13/96	1461034
		V254	Chlorodibromoethane	< 1		ug/l	08/13/96	1461034

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TABLE 2-19
Groundwater Analytical Results
Volatile Organic Compounds
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
M-24/L-63								
			Tentatively Identified Volatile Organics					
		X144	2-Methoxy-2-methylpropane	80		ug/l	08/13/96	1461034
		X197	1-Methyl-4-(1-ethylhexyl)benzene	< 1.0		ug/l	08/13/96	1461034
M-24/L-64								
			Volatile Organics					
		V003	Benzene	< 1		ug/l	08/12/96	1461026
		V005	Bromoform	< 1		ug/l	08/12/96	1461026
		V006	Carbon Tetrachloride	< 1		ug/l	08/12/96	1461026
		V007	Chlorobenzene	< 1		ug/l	08/12/96	1461026
		V009	Bromodichloromethane	< 1		ug/l	08/12/96	1461026
		V010	Chloroethane	< 1		ug/l	08/12/96	1461026
		V012	Chloroform	< 1		ug/l	08/12/96	1461026
		V015	1,1-Dichloroethane	< 1		ug/l	08/12/96	1461026
		V016	1,2-Dichloroethane	< 1		ug/l	08/12/96	1461026
		V017	1,1-Dichloroethene	< 1		ug/l	08/12/96	1461026
		V018	1,2-Dichloropropane	< 1		ug/l	08/12/96	1461026
		V021	Ethylbenzene	< 1		ug/l	08/12/96	1461026
		V022	Bromomethane(MethylBromide)	< 1		ug/l	08/12/96	1461026
		V023	Chloromethane(MethylChloride)	< 1		ug/l	08/12/96	1461026
		V024	Methylene Chloride	< 1		ug/l	08/12/96	1461026
		V025	1,1,2,2-Tetrachloroethane	< 1		ug/l	08/12/96	1461026
		V026	Tetrachloroethene (PCE)	< 1		ug/l	08/12/96	1461026
		V027	Toluene	< 1		ug/l	08/12/96	1461026
		V028	trans-1,2-Dichloroethene	< 1		ug/l	08/12/96	1461026
		V029	1,1,1-Trichloroethane	< 1		ug/l	08/12/96	1[illegible]5
		V030	1,1,2-Trichloroethane	< 1		ug/l	08/12/96	1[illegible]
		V031	Trichloroethene (TCE)	< 1		ug/l	08/12/96	14[illegible]6
		V033	Styrene	< 1		ug/l	08/12/96	1461026
		V034	Vinyl Chloride	< 1		ug/l	08/12/96	1461026
		V035	Xylene (O-)	< 1		ug/l	08/12/96	1461026
		V046	Ethylene dibromide	< 1		ug/l	08/12/96	1461026
		V048	Dichlorodifluoromethane	< 1		ug/l	08/12/96	1461026
		V050	Xylene (M,P-)	< 1		ug/l	08/12/96	1461026
		V053	Isopropyl Benzene	< 1		ug/l	08/12/96	1461026
		V055	n-Propyl Benzene	< 1		ug/l	08/12/96	1461026
		V058	Bromobenzene	< 1		ug/l	08/12/96	1461026
		V059	s-Butylbenzene	< 1		ug/l	08/12/96	1461026
		V064	n-Butyl Benzene	< 1		ug/l	08/12/96	1461026
		V066	1,3-Dichloropropene	< 1		ug/l	08/12/96	1461026
		V071	4-Chlorotoluene	< 1		ug/l	08/12/96	1461026
		V090	2-Chlorotoluene	< 1		ug/l	08/12/96	1461026
		V101	1,2-Dibromo-3-Chloropropane	< 1		ug/l	08/12/96	1461026
		V102	Bromochloromethane	< 1		ug/l	08/12/96	1461026
		V105	Dibromomethane	< 1		ug/l	08/12/96	1461026
		V106	cis-1,2-Dichloroethene	< 1		ug/l	08/12/96	1461026
		V107	1,3-Dichloropropane	< 1		ug/l	08/12/96	1461026
		V108	2,2-Dichloropropane	< 1		ug/l	08/12/96	1461026
		V109	1,1-Dichloropropene	< 1		ug/l	08/12/96	1461026
		V111	1,1,1,2-Tetrachloroethane	< 1		ug/l	08/12/96	1461026
		V112	1,2,3-Trichloropropane	< 1		ug/l	08/12/96	1461026
		V155	2,4,4-Trimethyl-1-pentene	< 1		ug/l	08/12/96	1461026
		V191	Fluorotrichloro-Methane (F-11)	< 1		ug/l	08/12/96	1461026
		V253	2,4,4-Trimethyl-2-Pentene	< 1		ug/l	08/12/96	1461026
		V254	Chlorodibromoethane	< 1		ug/l	08/12/96	1461026
			Tentatively Identified Volatile Organics					
		X144	2-Methoxy-2-methylpropane	200		ug/l	08/12/96	1461026
		X197	1-Methyl-4-(1-ethylhexyl)benzene	< 1.0		ug/l	08/12/96	1461026

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TABLE 2-19
Groundwater Analytical Results
Volatile Organic Compounds
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID		Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
M-24/L-66									
				Volatile Organics					
			V003	Benzene	< 1		ug/l	08/12/96	1461031
	DUP OF	1461031	V003	Benzene	< 1		ug/l	08/12/96	1461032
			V005	Bromoform	< 1		ug/l	08/12/96	1461031
	DUP OF	1461031	V005	Bromoform	< 1		ug/l	08/12/96	1461032
			V006	Carbon Tetrachloride	< 1		ug/l	08/12/96	1461031
	DUP OF	1461031	V006	Carbon Tetrachloride	< 1		ug/l	08/12/96	1461032
			V007	Chlorobenzene	< 1		ug/l	08/12/96	1461031
	DUP OF	1461031	V007	Chlorobenzene	< 1		ug/l	08/12/96	1461032
			V009	Bromodichloromethane	< 1		ug/l	08/12/96	1461031
	DUP OF	1461031	V009	Bromodichloromethane	< 1		ug/l	08/12/96	1461032
			V010	Chloroethane	< 1		ug/l	08/12/96	1461031
	DUP OF	1461031	V010	Chloroethane	< 1		ug/l	08/12/96	1461032
			V012	Chloroform	< 1		ug/l	08/12/96	1461031
	DUP OF	1461031	V012	Chloroform	< 1		ug/l	08/12/96	1461032
			V015	1,1-Dichloroethane	< 1		ug/l	08/12/96	1461031
	DUP OF	1461031	V015	1,1-Dichloroethane	< 1		ug/l	08/12/96	1461032
			V016	1,2-Dichloroethane	< 1		ug/l	08/12/96	1461031
	DUP OF	1461031	V016	1,2-Dichloroethane	< 1		ug/l	08/12/96	1461032
			V017	1,1-Dichloroethene	< 1		ug/l	08/12/96	1461031
	DUP OF	1461031	V017	1,1-Dichloroethene	< 1		ug/l	08/12/96	1461032
			V018	1,2-Dichloropropane	< 1		ug/l	08/12/96	1461031
	DUP OF	1461031	V018	1,2-Dichloropropane	< 1		ug/l	08/12/96	1461032
			V021	Ethylbenzene	< 1		ug/l	08/12/96	1461031
	DUP OF	1461031	V021	Ethylbenzene	< 1		ug/l	08/12/96	1461032
			V022	Bromomethane(MethylBromide)	< 1		ug/l	08/12/96	1461031
	DUP OF	1461031	V022	Bromomethane(MethylBromide)	< 1		ug/l	08/12/96	1461032
			V023	Chloromethane(MethylChloride)	< 1		ug/l	08/12/96	1461031
	DUP OF	1461031	V023	Chloromethane(MethylChloride)	< 1		ug/l	08/12/96	1461032
			V024	Methylene Chloride	< 1		ug/l	08/12/96	1461031
	DUP OF	1461031	V024	Methylene Chloride	< 1		ug/l	08/12/96	1461032
			V025	1,1,2,2-Tetrachloroethane	< 1		ug/l	08/12/96	1461031
	DUP OF	1461031	V025	1,1,2,2-Tetrachloroethane	< 1		ug/l	08/12/96	1461032
			V026	Tetrachloroethene (PCE)	< 1		ug/l	08/12/96	1461031
	DUP OF	1461031	V026	Tetrachloroethene (PCE)	< 1		ug/l	08/12/96	1461032
			V027	Toluene	< 1		ug/l	08/12/96	1461031
	DUP OF	1461031	V027	Toluene	< 1		ug/l	08/12/96	1461032
			V028	trans-1,2-Dichloroethene	< 1		ug/l	08/12/96	1461031
	DUP OF	1461031	V028	trans-1,2-Dichloroethene	< 1		ug/l	08/12/96	1461032
			V029	1,1,1-Trichloroethane	< 1		ug/l	08/12/96	1461031
	DUP OF	1461031	V029	1,1,1-Trichloroethane	< 1		ug/l	08/12/96	1461032
			V030	1,1,2-Trichloroethane	< 1		ug/l	08/12/96	1461031
	DUP OF	1461031	V030	1,1,2-Trichloroethane	< 1		ug/l	08/12/96	1461032
			V031	Trichloroethene (TCE)	< 1		ug/l	08/12/96	1461031
	DUP OF	1461031	V031	Trichloroethene (TCE)	< 1		ug/l	08/12/96	1461032
			V033	Styrene	< 1		ug/l	08/12/96	1461031
	DUP OF	1461031	V033	Styrene	< 1		ug/l	08/12/96	1461032
			V034	Vinyl Chloride	< 1		ug/l	08/12/96	1461031
	DUP OF	1461031	V034	Vinyl Chloride	< 1		ug/l	08/12/96	1461032
			V035	Xylene (O-)	< 1		ug/l	08/12/96	1461031
	DUP OF	1461031	V035	Xylene (O-)	< 1		ug/l	08/12/96	1461032
			V046	Ethylene dibromide	< 1		ug/l	08/12/96	1461031
	DUP OF	1461031	V046	Ethylene dibromide	< 1		ug/l	08/12/96	1461032
			V048	Dichlorodifluoromethane	< 1		ug/l	08/12/96	1461031
	DUP OF	1461031	V048	Dichlorodifluoromethane	< 1		ug/l	08/12/96	1461032
			V050	Xylene (M,P-)	< 1		ug/l	08/12/96	1461031
	DUP OF	1461031	V050	Xylene (M,P-)	< 1		ug/l	08/12/96	1461032
			V053	Isopropyl Benzene	< 1		ug/l	08/12/96	1461031
	DUP OF	1461031	V053	Isopropyl Benzene	< 1		ug/l	08/12/96	1461032
			V055	n-Propyl Benzene	< 1		ug/l	08/12/96	1461031

TABLE 2-19
Groundwater Analytical Results
Volatile Organic Compounds
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID		Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
M-24/L-66									
				Volatile Organics					
	DUP OF	1461031	V055	n-Propyl Benzene	< 1		ug/l	08/12/96	1461032
			V058	Bromobenzene	< 1		ug/l	08/12/96	1461031
	DUP OF	1461031	V058	Bromobenzene	< 1		ug/l	08/12/96	1461032
			V059	s-Butylbenzene	< 1		ug/l	08/12/96	1461031
	DUP OF	1461031	V059	s-Butylbenzene	< 1		ug/l	08/12/96	1461032
			V064	n-Butyl Benzene	< 1		ug/l	08/12/96	1461031
	DUP OF	1461031	V064	n-Butyl Benzene	< 1		ug/l	08/12/96	1461032
			V066	1,3-Dichloropropene	< 1		ug/l	08/12/96	1461031
	DUP OF	1461031	V066	1,3-Dichloropropene	< 1		ug/l	08/12/96	1461032
			V071	4-Chlorotoluene	< 1		ug/l	08/12/96	1461031
	DUP OF	1461031	V071	4-Chlorotoluene	< 1		ug/l	08/12/96	1461032
			V090	2-Chlorotoluene	< 1		ug/l	08/12/96	1461031
	DUP OF	1461031	V090	2-Chlorotoluene	< 1		ug/l	08/12/96	1461032
			V101	1,2-Dibromo-3-Chloropropane	< 1		ug/l	08/12/96	1461031
	DUP OF	1461031	V101	1,2-Dibromo-3-Chloropropane	< 1		ug/l	08/12/96	1461032
			V102	Bromochloromethane	< 1		ug/l	08/12/96	1461031
	DUP OF	1461031	V102	Bromochloromethane	< 1		ug/l	08/12/96	1461032
			V105	Dibromomethane	< 1		ug/l	08/12/96	1461031
	DUP OF	1461031	V105	Dibromomethane	< 1		ug/l	08/12/96	1461032
			V106	cis-1,2-Dichloroethene	< 1		ug/l	08/12/96	1461031
	DUP OF	1461031	V106	cis-1,2-Dichloroethene	< 1		ug/l	08/12/96	1461032
			V107	1,3-Dichloropropane	< 1		ug/l	08/12/96	1461031
	DUP OF	1461031	V107	1,3-Dichloropropane	< 1		ug/l	08/12/96	1461032
			V108	2,2-Dichloropropane	< 1		ug/l	08/12/96	1461031
	DUP OF	1461031	V108	2,2-Dichloropropane	< 1		ug/l	08/12/96	1[illegible]
			V109	1,1-Dichloropropene	< 1		ug/l	08/12/96	1[illegible]
	DUP OF	1461031	V109	1,1-Dichloropropene	< 1		ug/l	08/12/96	146[illegible]32
			V111	1,1,1,2-Tetrachloroethane	< 1		ug/l	08/12/96	1461031
	DUP OF	1461031	V111	1,1,1,2-Tetrachloroethane	< 1		ug/l	08/12/96	1461032
			V112	1,2,3-Trichloropropane	< 1		ug/l	08/12/96	1461031
	DUP OF	1461031	V112	1,2,3-Trichloropropane	< 1		ug/l	08/12/96	1461032
			V155	2,4,4-Trimethyl-1-pentene	< 1		ug/l	08/12/96	1461031
	DUP OF	1461031	V155	2,4,4-Trimethyl-1-pentene	< 1		ug/l	08/12/96	1461032
			V191	Fluorotrichloro-Methane (F-11)	< 1		ug/l	08/12/96	1461031
	DUP OF	1461031	V191	Fluorotrichloro-Methane (F-11)	< 1		ug/l	08/12/96	1461032
			V253	2,4,4-Trimethyl-2-Pentene	< 1		ug/l	08/12/96	1461031
	DUP OF	1461031	V253	2,4,4-Trimethyl-2-Pentene	< 1		ug/l	08/12/96	1461032
			V254	Chlorodibromoethane	< 1		ug/l	08/12/96	1461031
	DUP OF	1461031	V254	Chlorodibromoethane	< 1		ug/l	08/12/96	1461032
				Tentatively Identified Volatile Organics					
			X144	2-Methoxy-2-methylpropane	50		ug/l	08/12/96	1461031
			X197	1-Methyl-4-(1-ethylhexyl)benzene	< 1.0		ug/l	08/12/96	1461031
	DUP OF	1461031	X197	1-Methyl-4-(1-ethylhexyl)benzene	< 1.0		ug/l	08/12/96	1461032
M-24/L-72A									
				Volatile Organics					
			V003	Benzene	< 1		ug/l	08/13/96	1461038
			V005	Bromoform	< 1		ug/l	08/13/96	1461038
			V006	Carbon Tetrachloride	< 1		ug/l	08/13/96	1461038
			V007	Chlorobenzene	< 1		ug/l	08/13/96	1461038
			V009	Bromodichloromethane	< 1		ug/l	08/13/96	1461038
			V010	Chloroethane	< 1		ug/l	08/13/96	1461038
			V012	Chloroform	< 1		ug/l	08/13/96	1461038
			V015	1,1-Dichloroethane	< 1		ug/l	08/13/96	1461038
			V016	1,2-Dichloroethane	< 1		ug/l	08/13/96	1461038
			V017	1,1-Dichloroethene	< 1		ug/l	08/13/96	1461038
			V018	1,2-Dichloropropane	< 1		ug/l	08/13/96	1461038
			V021	Ethylbenzene	< 1		ug/l	08/13/96	1461038
			V022	Bromomethane(MethylBromide)	< 1		ug/l	08/13/96	1461038

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TABLE 2-19
Groundwater Analytical Results
Volatile Organic Compounds
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
M-24/L-72A								
			Volatile Organics					
		V023	Chloromethane(MethylChloride)	< 1		ug/l	08/13/96	1461038
		V024	Methylene Chloride	< 1		ug/l	08/13/96	1461038
		V025	1,1,2,2-Tetrachloroethane	< 1		ug/l	08/13/96	1461038
		V026	Tetrachloroethene (PCE)	< 1		ug/l	08/13/96	1461038
		V027	Toluene	< 1		ug/l	08/13/96	1461038
		V028	trans-1,2-Dichloroethene	< 1		ug/l	08/13/96	1461038
		V029	1,1,1-Trichloroethane	< 1		ug/l	08/13/96	1461038
		V030	1,1,2-Trichloroethane	< 1		ug/l	08/13/96	1461038
		V031	Trichloroethene (TCE)	< 1		ug/l	08/13/96	1461038
		V033	Styrene	< 1		ug/l	08/13/96	1461038
		V034	Vinyl Chloride	< 1		ug/l	08/13/96	1461038
		V035	Xylene (O-)	< 1		ug/l	08/13/96	1461038
		V046	Ethylene dibromide	< 1		ug/l	08/13/96	1461038
		V048	Dichlorodifluoromethane	< 1		ug/l	08/13/96	1461038
		V050	Xylene (M,P-)	< 1		ug/l	08/13/96	1461038
		V053	Isopropyl Benzene	< 1		ug/l	08/13/96	1461038
		V055	n-Propyl Benzene	< 1		ug/l	08/13/96	1461038
		V058	Bromobenzene	< 1		ug/l	08/13/96	1461038
		V059	s-Butylbenzene	< 1		ug/l	08/13/96	1461038
		V064	n-Butyl Benzene	< 1		ug/l	08/13/96	1461038
		V066	1,3-Dichloropropene	< 1		ug/l	08/13/96	1461038
		V071	4-Chlorotoluene	< 1		ug/l	08/13/96	1461038
		V090	2-Chlorotoluene	< 1		ug/l	08/13/96	1461038
		V101	1,2-Dibromo-3-Chloropropane	< 1		ug/l	08/13/96	1461038
		V102	Bromochloromethane	< 1		ug/l	08/13/96	1461038
		V105	Dibromomethane	< 1		ug/l	08/13/96	1461038
		V106	cis-1,2-Dichloroethene	< 1		ug/l	08/13/96	1461038
		V107	1,3-Dichloropropane	< 1		ug/l	08/13/96	1461038
		V108	2,2-Dichloropropane	< 1		ug/l	08/13/96	1461038
		V109	1,1-Dichloropropene	< 1		ug/l	08/13/96	1461038
		V111	1,1,1,2-Tetrachloroethane	< 1		ug/l	08/13/96	1461038
		V112	1,2,3-Trichloropropane	< 1		ug/l	08/13/96	1461038
		V155	2,4,4-Trimethyl-1-pentene	< 1		ug/l	08/13/96	1461038
		V191	Fluorotrichloro-Methane (F-11)	< 1		ug/l	08/13/96	1461038
		V253	2,4,4-Trimethyl-2-Pentene	< 1		ug/l	08/13/96	1461038
		V254	Chlorodibromoethane	< 1		ug/l	08/13/96	1461038
			Tentatively Identified Volatile Organics					
		X144	2-Methoxy-2-methylpropane	100		ug/l	08/13/96	1461038
		X197	1-Methyl-4-(1-ethylhexyl)benzene	< 1.0		ug/l	08/13/96	1461038
M-24/L-87A								
			Volatile Organics					
		V003	Benzene	< 1		ug/l	08/12/96	1461027
		V005	Bromoform	< 1		ug/l	08/12/96	1461027
		V006	Carbon Tetrachloride	< 1		ug/l	08/12/96	1461027
		V007	Chlorobenzene	< 1		ug/l	08/12/96	1461027
		V009	Bromodichloromethane	< 1		ug/l	08/12/96	1461027
		V010	Chloroethane	< 1		ug/l	08/12/96	1461027
		V012	Chloroform	< 1		ug/l	08/12/96	1461027
		V015	1,1-Dichloroethane	< 1		ug/l	08/12/96	1461027
		V016	1,2-Dichloroethane	< 1		ug/l	08/12/96	1461027
		V017	1,1-Dichloroethene	< 1		ug/l	08/12/96	1461027
		V018	1,2-Dichloropropane	< 1		ug/l	08/12/96	1461027
		V021	Ethylbenzene	< 1		ug/l	08/12/96	1461027
		V022	Bromomethane(MethylBromide)	< 1		ug/l	08/12/96	1461027
		V023	Chloromethane(MethylChloride)	< 1		ug/l	08/12/96	1461027
		V024	Methylene Chloride	< 1		ug/l	08/12/96	1461027
		V025	1,1,2,2-Tetrachloroethane	< 1		ug/l	08/12/96	1461027
		V026	Tetrachloroethene (PCE)	< 1		ug/l	08/12/96	1461027

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TABLE 2-19
Groundwater Analytical Results
Volatile Organic Compounds
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
M-24/L-87A								
			Volatile Organics					
		V027	Toluene	< 1		ug/l	08/12/96	1461027
		V028	trans-1,2-Dichloroethene	< 1		ug/l	08/12/96	1461027
		V029	1,1,1-Trichloroethane	< 1		ug/l	08/12/96	1461027
		V030	1,1,2-Trichloroethane	< 1		ug/l	08/12/96	1461027
		V031	Trichloroethene (TCE)	< 1		ug/l	08/12/96	1461027
		V033	Styrene	< 1		ug/l	08/12/96	1461027
		V034	Vinyl Chloride	< 1		ug/l	08/12/96	1461027
		V035	Xylene (O-)	< 1		ug/l	08/12/96	1461027
		V046	Ethylene dibromide	< 1		ug/l	08/12/96	1461027
		V048	Dichlorodifluoromethane	1		ug/l	08/12/96	1461027
		V050	Xylene (M,P-)	< 1		ug/l	08/12/96	1461027
		V053	Isopropyl Benzene	< 1		ug/l	08/12/96	1461027
		V055	n-Propyl Benzene	< 1		ug/l	08/12/96	1461027
		V058	Bromobenzene	< 1		ug/l	08/12/96	1461027
		V059	s-Butylbenzene	< 1		ug/l	08/12/96	1461027
		V064	n-Butyl Benzene	< 1		ug/l	08/12/96	1461027
		V066	1,3-Dichloropropene	< 1		ug/l	08/12/96	1461027
		V071	4-Chlorotoluene	< 1		ug/l	08/12/96	1461027
		V090	2-Chlorotoluene	< 1		ug/l	08/12/96	1461027
		V101	1,2-Dibromo-3-Chloropropane	< 1		ug/l	08/12/96	1461027
		V102	Bromochloromethane	< 1		ug/l	08/12/96	1461027
		V105	Dibromomethane	< 1		ug/l	08/12/96	1461027
		V106	cis-1,2-Dichloroethene	< 1		ug/l	08/12/96	1461027
		V107	1,3-Dichloropropane	< 1		ug/l	08/12/96	1461027
		V108	2,2-Dichloropropane	< 1		ug/l	08/12/96	1[illegible]
		V109	1,1-Dichloropropene	< 1		ug/l	08/12/96	1[illegible]
		V111	1,1,1,2-Tetrachloroethane	< 1		ug/l	08/12/96	146[illegible]27
		V112	1,2,3-Trichloropropane	< 1		ug/l	08/12/96	1461027
		V155	2,4,4-Trimethyl-1-pentene	< 1		ug/l	08/12/96	1461027
		V191	Fluorotrichloro-Methane (F-11)	< 1		ug/l	08/12/96	1461027
		V253	2,4,4-Trimethyl-2-Pentene	< 1		ug/l	08/12/96	1461027
		V254	Chlorodibromoethane	< 1		ug/l	08/12/96	1461027
			Tentatively Identified Volatile Organics					
		X144	2-Methoxy-2-methylpropane	30		ug/l	08/12/96	1461027
		X197	1-Methyl-4-(1-ethylhexyl)benzene	< 1.0		ug/l	08/12/96	1461027
M-24/L-94								
			Volatile Organics					
		V003	Benzene	< 1		ug/l	08/12/96	1461028
		V005	Bromoform	< 1		ug/l	08/12/96	1461028
		V006	Carbon Tetrachloride	< 1		ug/l	08/12/96	1461028
		V007	Chlorobenzene	< 1		ug/l	08/12/96	1461028
		V009	Bromodichloromethane	< 1		ug/l	08/12/96	1461028
		V010	Chloroethane	< 1		ug/l	08/12/96	1461028
		V012	Chloroform	< 1		ug/l	08/12/96	1461028
		V015	1,1-Dichloroethane	< 1		ug/l	08/12/96	1461028
		V016	1,2-Dichloroethane	< 1		ug/l	08/12/96	1461028
		V017	1,1-Dichloroethene	< 1		ug/l	08/12/96	1461028
		V018	1,2-Dichloropropane	< 1		ug/l	08/12/96	1461028
		V021	Ethylbenzene	< 1		ug/l	08/12/96	1461028
		V022	Bromomethane(MethylBromide)	< 1		ug/l	08/12/96	1461028
		V023	Chloromethane(MethylChloride)	< 1		ug/l	08/12/96	1461028
		V024	Methylene Chloride	< 1		ug/l	08/12/96	1461028
		V025	1,1,2,2-Tetrachloroethane	< 1		ug/l	08/12/96	1461028
		V026	Tetrachloroethene (PCE)	< 1		ug/l	08/12/96	1461028
		V027	Toluene	< 1		ug/l	08/12/96	1461028
		V028	trans-1,2-Dichloroethene	< 1		ug/l	08/12/96	1461028
		V029	1,1,1-Trichloroethane	< 1		ug/l	08/12/96	1461028
		V030	1,1,2-Trichloroethane	< 1		ug/l	08/12/96	1461028

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TABLE 2-19
Groundwater Analytical Results
Volatile Organic Compounds
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
M-24/L-94								
			Volatile Organics					
		V031	Trichloroethene (TCE)	< 1		ug/l	08/12/96	1461028
		V033	Styrene	< 1		ug/l	08/12/96	1461028
		V034	Vinyl Chloride	< 1		ug/l	08/12/96	1461028
		V035	Xylene (O-)	< 1		ug/l	08/12/96	1461028
		V046	Ethylene dibromide	< 1		ug/l	08/12/96	1461028
		V048	Dichlorodifluoromethane	< 1		ug/l	08/12/96	1461028
		V050	Xylene (M,P-)	< 1		ug/l	08/12/96	1461028
		V053	Isopropyl Benzene	< 1		ug/l	08/12/96	1461028
		V055	n-Propyl Benzene	< 1		ug/l	08/12/96	1461028
		V058	Bromobenzene	< 1		ug/l	08/12/96	1461028
		V059	s-Butylbenzene	< 1		ug/l	08/12/96	1461028
		V064	n-Butyl Benzene	< 1		ug/l	08/12/96	1461028
		V066	1,3-Dichloropropene	< 1		ug/l	08/12/96	1461028
		V071	4-Chlorotoluene	< 1		ug/l	08/12/96	1461028
		V090	2-Chlorotoluene	< 1		ug/l	08/12/96	1461028
		V101	1,2-Dibromo-3-Chloropropane	< 1		ug/l	08/12/96	1461028
		V102	Bromochloromethane	< 1		ug/l	08/12/96	1461028
		V105	Dibromomethane	< 1		ug/l	08/12/96	1461028
		V106	cis-1,2-Dichloroethene	< 1		ug/l	08/12/96	1461028
		V107	1,3-Dichloropropane	< 1		ug/l	08/12/96	1461028
		V108	2,2-Dichloropropane	< 1		ug/l	08/12/96	1461028
		V109	1,1-Dichloropropene	< 1		ug/l	08/12/96	1461028
		V111	1,1,1,2-Tetrachloroethane	< 1		ug/l	08/12/96	1461028
		V112	1,2,3-Trichloropropane	< 1		ug/l	08/12/96	1461028
		V155	2,4,4-Trimethyl-1-pentene	< 1		ug/l	08/12/96	1461028
		V191	Fluorotrichloro-Methane (F-11)	< 1		ug/l	08/12/96	1461028
		V253	2,4,4-Trimethyl-2-Pentene	< 1		ug/l	08/12/96	1461028
		V254	Chlorodibromoethane	< 1		ug/l	08/12/96	1461028
			Tentatively Identified Volatile Organics					
		X144	2-Methoxy-2-methylpropane	60		ug/l	08/12/96	1461028
		X197	1-Methyl-4-(1-ethylhexyl)benzene	< 1.0		ug/l	08/12/96	1461028
M-24/L-116								
			Volatile Organics					
		V003	Benzene	< 1		ug/l	08/13/96	1461039
		V005	Bromoform	< 1		ug/l	08/13/96	1461039
		V006	Carbon Tetrachloride	< 1		ug/l	08/13/96	1461039
		V007	Chlorobenzene	< 1		ug/l	08/13/96	1461039
		V009	Bromodichloromethane	< 1		ug/l	08/13/96	1461039
		V010	Chloroethane	< 1		ug/l	08/13/96	1461039
		V012	Chloroform	< 1		ug/l	08/13/96	1461039
		V015	1,1-Dichloroethane	< 1		ug/l	08/13/96	1461039
		V016	1,2-Dichloroethane	< 1		ug/l	08/13/96	1461039
		V017	1,1-Dichloroethene	< 1		ug/l	08/13/96	1461039
		V018	1,2-Dichloropropane	< 1		ug/l	08/13/96	1461039
		V021	Ethylbenzene	< 1		ug/l	08/13/96	1461039
		V022	Bromomethane(MethylBromide)	< 1		ug/l	08/13/96	1461039
		V023	Chloromethane(MethylChloride)	< 1		ug/l	08/13/96	1461039
		V024	Methylene Chloride	< 1		ug/l	08/13/96	1461039
		V025	1,1,2,2-Tetrachloroethane	< 1		ug/l	08/13/96	1461039
		V026	Tetrachloroethene (PCE)	< 1		ug/l	08/13/96	1461039
		V027	Toluene	< 1		ug/l	08/13/96	1461039
		V028	trans-1,2-Dichloroethene	< 1		ug/l	08/13/96	1461039
		V029	1,1,1-Trichloroethane	< 1		ug/l	08/13/96	1461039
		V030	1,1,2-Trichloroethane	< 1		ug/l	08/13/96	1461039
		V031	Trichloroethene (TCE)	< 1		ug/l	08/13/96	1461039
		V033	Styrene	< 1		ug/l	08/13/96	1461039
		V034	Vinyl Chloride	< 1		ug/l	08/13/96	1461039
		V035	Xylene (O-)	< 1		ug/l	08/13/96	1461039

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TABLE 2-19
Groundwater Analytical Results
Volatile Organic Compounds
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
M-24/L-116								
			Volatile Organics					
		V046	Ethylene dibromide	< 1		ug/l	08/13/96	1461039
		V048	Dichlorodifluoromethane	< 1		ug/l	08/13/96	1461039
		V050	Xylene (M,P-)	< 1		ug/l	08/13/96	1461039
		V053	Isopropyl Benzene	< 1		ug/l	08/13/96	1461039
		V055	n-Propyl Benzene	< 1		ug/l	08/13/96	1461039
		V058	Bromobenzene	< 1		ug/l	08/13/96	1461039
		V059	s-Butylbenzene	< 1		ug/l	08/13/96	1461039
		V064	n-Butyl Benzene	< 1		ug/l	08/13/96	1461039
		V066	1,3-Dichloropropene	< 1		ug/l	08/13/96	1461039
		V071	4-Chlorotoluene	< 1		ug/l	08/13/96	1461039
		V090	2-Chlorotoluene	< 1		ug/l	08/13/96	1461039
		V101	1,2-Dibromo-3-Chloropropane	< 1		ug/l	08/13/96	1461039
		V102	Bromochloromethane	< 1		ug/l	08/13/96	1461039
		V105	Dibromomethane	< 1		ug/l	08/13/96	1461039
		V106	cis-1,2-Dichloroethene	< 1		ug/l	08/13/96	1461039
		V107	1,3-Dichloropropane	< 1		ug/l	08/13/96	1461039
		V108	2,2-Dichloropropane	< 1		ug/l	08/13/96	1461039
		V109	1,1-Dichloropropene	< 1		ug/l	08/13/96	1461039
		V111	1,1,1,2-Tetrachloroethane	< 1		ug/l	08/13/96	1461039
		V112	1,2,3-Trichloropropane	< 1		ug/l	08/13/96	1461039
		V155	2,4,4-Trimethyl-1-pentene	< 1		ug/l	08/13/96	1461039
		V191	Fluorotrichloro-Methane (F-11)	< 1		ug/l	08/13/96	1461039
		V253	2,4,4-Trimethyl-2-Pentene	< 1		ug/l	08/13/96	1461039
		V254	Chlorodibromoethane	< 1		ug/l	08/13/96	1461039
			Tentatively Identified Volatile Organics					
		X144	2-Methoxy-2-methylpropane	ND		ug/l	08/13/96	14
		X197	1-Methyl-4-(1-ethylhexyl)benzene	< 1.0		ug/l	08/13/96	1461039
M-24/L-117								
			Volatile Organics					
		V003	Benzene	< 1		ug/l	08/13/96	1461033
		V005	Bromoform	< 1		ug/l	08/13/96	1461033
		V006	Carbon Tetrachloride	< 1		ug/l	08/13/96	1461033
		V007	Chlorobenzene	< 1		ug/l	08/13/96	1461033
		V009	Bromodichloromethane	< 1		ug/l	08/13/96	1461033
		V010	Chloroethane	< 1		ug/l	08/13/96	1461033
		V012	Chloroform	< 1		ug/l	08/13/96	1461033
		V015	1,1-Dichloroethane	< 1		ug/l	08/13/96	1461033
		V016	1,2-Dichloroethane	< 1		ug/l	08/13/96	1461033
		V017	1,1-Dichloroethene	< 1		ug/l	08/13/96	1461033
		V018	1,2-Dichloropropane	< 1		ug/l	08/13/96	1461033
		V021	Ethylbenzene	< 1		ug/l	08/13/96	1461033
		V022	Bromomethane(MethylBromide)	< 1		ug/l	08/13/96	1461033
		V023	Chloromethane(MethylChloride)	< 1		ug/l	08/13/96	1461033
		V024	Methylene Chloride	< 1		ug/l	08/13/96	1461033
		V025	1,1,2,2-Tetrachloroethane	< 1		ug/l	08/13/96	1461033
		V026	Tetrachloroethene (PCE)	< 1		ug/l	08/13/96	1461033
		V027	Toluene	< 1		ug/l	08/13/96	1461033
		V028	trans-1,2-Dichloroethene	< 1		ug/l	08/13/96	1461033
		V029	1,1,1-Trichloroethane	< 1		ug/l	08/13/96	1461033
		V030	1,1,2-Trichloroethane	< 1		ug/l	08/13/96	1461033
		V031	Trichloroethene (TCE)	< 1		ug/l	08/13/96	1461033
		V033	Styrene	< 1		ug/l	08/13/96	1461033
		V034	Vinyl Chloride	< 1		ug/l	08/13/96	1461033
		V035	Xylene (O-)	< 1		ug/l	08/13/96	1461033
		V046	Ethylene dibromide	< 1		ug/l	08/13/96	1461033
		V048	Dichlorodifluoromethane	1		ug/l	08/13/96	1461033
		V050	Xylene (M,P-)	< 1		ug/l	08/13/96	1461033
		V053	Isopropyl Benzene	< 1		ug/l	08/13/96	1461033

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TABLE 2-19
Groundwater Analytical Results
Volatile Organic Compounds
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
M-24/L-117								
			Volatile Organics					
		V055	n-Propyl Benzene	< 1		ug/l	08/13/96	1461033
		V058	Bromobenzene	< 1		ug/l	08/13/96	1461033
		V059	s-Butylbenzene	< 1		ug/l	08/13/96	1461033
		V064	n-Butyl Benzene	< 1		ug/l	08/13/96	1461033
		V066	1,3-Dichloropropene	< 1		ug/l	08/13/96	1461033
		V071	4-Chlorotoluene	< 1		ug/l	08/13/96	1461033
		V090	2-Chlorotoluene	< 1		ug/l	08/13/96	1461033
		V101	1,2-Dibromo-3-Chloropropane	< 1		ug/l	08/13/96	1461033
		V102	Bromochloromethane	< 1		ug/l	08/13/96	1461033
		V105	Dibromomethane	< 1		ug/l	08/13/96	1461033
		V106	cis-1,2-Dichloroethene	< 1		ug/l	08/13/96	1461033
		V107	1,3-Dichloropropane	< 1		ug/l	08/13/96	1461033
		V108	2,2-Dichloropropane	< 1		ug/l	08/13/96	1461033
		V109	1,1-Dichloropropene	< 1		ug/l	08/13/96	1461033
		V111	1,1,1,2-Tetrachloroethane	< 1		ug/l	08/13/96	1461033
		V112	1,2,3-Trichloropropane	< 1		ug/l	08/13/96	1461033
		V155	2,4,4-Trimethyl-1-pentene	< 1		ug/l	08/13/96	1461033
		V191	Fluorotrichloro-Methane (F-11)	< 1		ug/l	08/13/96	1461033
		V253	2,4,4-Trimethyl-2-Pentene	< 1		ug/l	08/13/96	1461033
		V254	Chlorodibromoethane	< 1		ug/l	08/13/96	1461033
			Tentatively Identified Volatile Organics					
		X144	2-Methoxy-2-methylpropane	30		ug/l	08/13/96	1461033
		X197	1-Methyl-4-(1-ethylhexyl)benzene	< 1.0		ug/l	08/13/96	1461033
M-25/L-04								
			Volatile Organics					
		V003	Benzene	< 1		ug/l	08/12/96	1461030
		V005	Bromoform	< 1		ug/l	08/12/96	1461030
		V006	Carbon Tetrachloride	< 1		ug/l	08/12/96	1461030
		V007	Chlorobenzene	< 1		ug/l	08/12/96	1461030
		V009	Bromodichloromethane	< 1		ug/l	08/12/96	1461030
		V010	Chloroethane	< 1		ug/l	08/12/96	1461030
		V012	Chloroform	< 1		ug/l	08/12/96	1461030
		V015	1,1-Dichloroethane	< 1		ug/l	08/12/96	1461030
		V016	1,2-Dichloroethane	< 1		ug/l	08/12/96	1461030
		V017	1,1-Dichloroethene	< 1		ug/l	08/12/96	1461030
		V018	1,2-Dichloropropane	< 1		ug/l	08/12/96	1461030
		V021	Ethylbenzene	< 1		ug/l	08/12/96	1461030
		V022	Bromomethane(MethylBromide)	< 1		ug/l	08/12/96	1461030
		V023	Chloromethane(MethylChloride)	< 1		ug/l	08/12/96	1461030
		V024	Methylene Chloride	< 1		ug/l	08/12/96	1461030
		V025	1,1,2,2-Tetrachloroethane	< 1		ug/l	08/12/96	1461030
		V026	Tetrachloroethene (PCE)	< 1		ug/l	08/12/96	1461030
		V027	Toluene	< 1		ug/l	08/12/96	1461030
		V028	trans-1,2-Dichloroethene	< 1		ug/l	08/12/96	1461030
		V029	1,1,1-Trichloroethane	< 1		ug/l	08/12/96	1461030
		V030	1,1,2-Trichloroethane	< 1		ug/l	08/12/96	1461030
		V031	Trichloroethene (TCE)	< 1		ug/l	08/12/96	1461030
		V033	Styrene	< 1		ug/l	08/12/96	1461030
		V034	Vinyl Chloride	< 1		ug/l	08/12/96	1461030
		V035	Xylene (O-)	< 1		ug/l	08/12/96	1461030
		V046	Ethylene dibromide	< 1		ug/l	08/12/96	1461030
		V048	Dichlorodifluoromethane	< 1		ug/l	08/12/96	1461030
		V050	Xylene (M,P-)	< 1		ug/l	08/12/96	1461030
		V053	Isopropyl Benzene	< 1		ug/l	08/12/96	1461030
		V055	n-Propyl Benzene	< 1		ug/l	08/12/96	1461030
		V058	Bromobenzene	< 1		ug/l	08/12/96	1461030
		V059	s-Butylbenzene	< 1		ug/l	08/12/96	1461030
		V064	n-Butyl Benzene	< 1		ug/l	08/12/96	1461030

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TABLE 2-19
Groundwater Analytical Results
Volatile Organic Compounds
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
M-25/L-04								
			Volatile Organics					
		V066	1,3-Dichloropropene	< 1		ug/l	08/12/96	1461030
		V071	4-Chlorotoluene	< 1		ug/l	08/12/96	1461030
		V090	2-Chlorotoluene	< 1		ug/l	08/12/96	1461030
		V101	1,2-Dibromo-3-Chloropropane	< 1		ug/l	08/12/96	1461030
		V102	Bromochloromethane	< 1		ug/l	08/12/96	1461030
		V105	Dibromomethane	< 1		ug/l	08/12/96	1461030
		V106	cis-1,2-Dichloroethene	< 1		ug/l	08/12/96	1461030
		V107	1,3-Dichloropropane	< 1		ug/l	08/12/96	1461030
		V108	2,2-Dichloropropane	< 1		ug/l	08/12/96	1461030
		V109	1,1-Dichloropropene	< 1		ug/l	08/12/96	1461030
		V111	1,1,1,2-Tetrachloroethane	< 1		ug/l	08/12/96	1461030
		V112	1,2,3-Trichloropropane	< 1		ug/l	08/12/96	1461030
		V155	2,4,4-Trimethyl-1-pentene	< 1		ug/l	08/12/96	1461030
		V191	Fluorotrichloro-Methane (F-11)	< 1		ug/l	08/12/96	1461030
		V253	2,4,4-Trimethyl-2-Pentene	< 1		ug/l	08/12/96	1461030
		V254	Chlorodibromoethane	< 1		ug/l	08/12/96	1461030
			Tentatively Identified Volatile Organics					
		X144	2-Methoxy-2-methylpropane	20		ug/l	08/12/96	1461030
		X197	1-Methyl-4-(1-ethylhexyl)benzene	< 1.0		ug/l	08/12/96	1461030
M-25/L-07								
			Volatile Organics					
		V003	Benzene	< 1		ug/l	08/13/96	1461035
		V005	Bromoform	< 1		ug/l	08/13/96	1461035
		V006	Carbon Tetrachloride	< 1		ug/l	08/13/96	1[illegible]5
		V007	Chlorobenzene	< 1		ug/l	08/13/96	1[illegible]5
		V009	Bromodichloromethane	< 1		ug/l	08/13/96	1461035
		V010	Chloroethane	< 1		ug/l	08/13/96	1461035
		V012	Chloroform	< 1		ug/l	08/13/96	1461035
		V015	1,1-Dichloroethane	< 1		ug/l	08/13/96	1461035
		V016	1,2-Dichloroethane	< 1		ug/l	08/13/96	1461035
		V017	1,1-Dichloroethene	< 1		ug/l	08/13/96	1461035
		V018	1,2-Dichloropropane	< 1		ug/l	08/13/96	1461035
		V021	Ethylbenzene	< 1		ug/l	08/13/96	1461035
		V022	Bromomethane(MethylBromide)	< 1		ug/l	08/13/96	1461035
		V023	Chloromethane(MethylChloride)	< 1		ug/l	08/13/96	1461035
		V024	Methylene Chloride	< 1		ug/l	08/13/96	1461035
		V025	1,1,2,2-Tetrachloroethane	< 1		ug/l	08/13/96	1461035
		V026	Tetrachloroethene (PCE)	< 1		ug/l	08/13/96	1461035
		V027	Toluene	< 1		ug/l	08/13/96	1461035
		V028	trans-1,2-Dichloroethene	< 1		ug/l	08/13/96	1461035
		V029	1,1,1-Trichloroethane	< 1		ug/l	08/13/96	1461035
		V030	1,1,2-Trichloroethane	< 1		ug/l	08/13/96	1461035
		V031	Trichloroethene (TCE)	< 1		ug/l	08/13/96	1461035
		V033	Styrene	< 1		ug/l	08/13/96	1461035
		V034	Vinyl Chloride	< 1		ug/l	08/13/96	1461035
		V035	Xylene (O-)	< 1		ug/l	08/13/96	1461035
		V046	Ethylene dibromide	< 1		ug/l	08/13/96	1461035
		V048	Dichlorodifluoromethane	< 1		ug/l	08/13/96	1461035
		V050	Xylene (M,P-)	< 1		ug/l	08/13/96	1461035
		V053	Isopropyl Benzene	< 1		ug/l	08/13/96	1461035
		V055	n-Propyl Benzene	< 1		ug/l	08/13/96	1461035
		V058	Bromobenzene	< 1		ug/l	08/13/96	1461035
		V059	s-Butylbenzene	< 1		ug/l	08/13/96	1461035
		V064	n-Butyl Benzene	< 1		ug/l	08/13/96	1461035
		V066	1,3-Dichloropropene	< 1		ug/l	08/13/96	1461035
		V071	4-Chlorotoluene	< 1		ug/l	08/13/96	1461035
		V090	2-Chlorotoluene	< 1		ug/l	08/13/96	1461035
		V101	1,2-Dibromo-3-Chloropropane	< 1		ug/l	08/13/96	1461035

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TABLE 2-19
Groundwater Analytical Results
Volatile Organic Compounds
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID		Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
M-25/L-07									
				Volatile Organics					
			V102	Bromochloromethane	< 1		ug/l	08/13/96	1461035
			V105	Dibromomethane	< 1		ug/l	08/13/96	1461035
			V106	cis-1,2-Dichloroethene	< 1		ug/l	08/13/96	1461035
			V107	1,3-Dichloropropane	< 1		ug/l	08/13/96	1461035
			V108	2,2-Dichloropropane	< 1		ug/l	08/13/96	1461035
			V109	1,1-Dichloropropene	< 1		ug/l	08/13/96	1461035
			V111	1,1,1,2-Tetrachloroethane	< 1		ug/l	08/13/96	1461035
			V112	1,2,3-Trichloropropane	< 1		ug/l	08/13/96	1461035
			V155	2,4,4-Trimethyl-1-pentene	< 1		ug/l	08/13/96	1461035
			V191	Fluorotrichloro-Methane (F-11)	< 1		ug/l	08/13/96	1461035
			V253	2,4,4-Trimethyl-2-Pentene	< 1		ug/l	08/13/96	1461035
			V254	Chlorodibromoethane	< 1		ug/l	08/13/96	1461035
				Tentatively Identified Volatile Organics					
			X144	2-Methoxy-2-methylpropane	8		ug/l	08/13/96	1461035
			X197	1-Methyl-4-(1-ethylhexyl)benzene	< 1.0		ug/l	08/13/96	1461035
M-25/L-08-IN									
				Volatile Organics					
			V003	Benzene	< 1		ug/l	08/13/96	1461036
	DUP OF	1461036	V003	Benzene	< 1		ug/l	08/13/96	1461037
			V005	Bromoform	< 1		ug/l	08/13/96	1461036
	DUP OF	1461036	V005	Bromoform	< 1		ug/l	08/13/96	1461037
			V006	Carbon Tetrachloride	< 1		ug/l	08/13/96	1461036
	DUP OF	1461036	V006	Carbon Tetrachloride	< 1		ug/l	08/13/96	1461037
			V007	Chlorobenzene	< 1		ug/l	08/13/96	1461036
	DUP OF	1461036	V007	Chlorobenzene	< 1		ug/l	08/13/96	1461037
			V009	Bromodichloromethane	< 1		ug/l	08/13/96	1461036
	DUP OF	1461036	V009	Bromodichloromethane	< 1		ug/l	08/13/96	1461037
			V010	Chloroethane	< 1		ug/l	08/13/96	1461036
	DUP OF	1461036	V010	Chloroethane	< 1		ug/l	08/13/96	1461037
			V012	Chloroform	< 1		ug/l	08/13/96	1461036
	DUP OF	1461036	V012	Chloroform	< 1		ug/l	08/13/96	1461037
			V015	1,1-Dichloroethane	< 1		ug/l	08/13/96	1461036
	DUP OF	1461036	V015	1,1-Dichloroethane	< 1		ug/l	08/13/96	1461037
			V016	1,2-Dichloroethane	< 1		ug/l	08/13/96	1461036
	DUP OF	1461036	V016	1,2-Dichloroethane	< 1		ug/l	08/13/96	1461037
			V017	1,1-Dichloroethene	< 1		ug/l	08/13/96	1461036
	DUP OF	1461036	V017	1,1-Dichloroethene	< 1		ug/l	08/13/96	1461037
			V018	1,2-Dichloropropane	< 1		ug/l	08/13/96	1461036
	DUP OF	1461036	V018	1,2-Dichloropropane	< 1		ug/l	08/13/96	1461037
			V021	Ethylbenzene	< 1		ug/l	08/13/96	1461036
	DUP OF	1461036	V021	Ethylbenzene	< 1		ug/l	08/13/96	1461037
			V022	Bromomethane(MethylBromide)	< 1		ug/l	08/13/96	1461036
	DUP OF	1461036	V022	Bromomethane(MethylBromide)	< 1		ug/l	08/13/96	1461037
			V023	Chloromethane(MethylChloride)	< 1		ug/l	08/13/96	1461036
	DUP OF	1461036	V023	Chloromethane(MethylChloride)	< 1		ug/l	08/13/96	1461037
			V024	Methylene Chloride	< 1		ug/l	08/13/96	1461036
	DUP OF	1461036	V024	Methylene Chloride	< 1		ug/l	08/13/96	1461037
			V025	1,1,2,2-Tetrachloroethane	< 1		ug/l	08/13/96	1461036
	DUP OF	1461036	V025	1,1,2,2-Tetrachloroethane	< 1		ug/l	08/13/96	1461037
			V026	Tetrachloroethene (PCE)	< 1		ug/l	08/13/96	1461036
	DUP OF	1461036	V026	Tetrachloroethene (PCE)	< 1		ug/l	08/13/96	1461037
			V027	Toluene	< 1		ug/l	08/13/96	1461036
	DUP OF	1461036	V027	Toluene	< 1		ug/l	08/13/96	1461037
			V028	trans-1,2-Dichloroethene	< 1		ug/l	08/13/96	1461036
	DUP OF	1461036	V028	trans-1,2-Dichloroethene	< 1		ug/l	08/13/96	1461037
			V029	1,1,1-Trichloroethane	< 1		ug/l	08/13/96	1461036
	DUP OF	1461036	V029	1,1,1-Trichloroethane	< 1		ug/l	08/13/96	1461037
			V030	1,1,2-Trichloroethane	< 1		ug/l	08/13/96	1461036

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TABLE 2-19
Groundwater Analytical Results
Volatile Organic Compounds
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID		Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
M-25/L-08-IN									
				Volatile Organics					
	DUP OF	1461036	V030	1,1,2-Trichloroethane	< 1		ug/l	08/13/96	1461037
			V031	Trichloroethene (TCE)	< 1		ug/l	08/13/96	1461036
	DUP OF	1461036	V031	Trichloroethene (TCE)	< 1		ug/l	08/13/96	1461037
			V033	Styrene	< 1		ug/l	08/13/96	1461036
	DUP OF	1461036	V033	Styrene	< 1		ug/l	08/13/96	1461037
			V034	Vinyl Chloride	< 1		ug/l	08/13/96	1461036
	DUP OF	1461036	V034	Vinyl Chloride	< 1		ug/l	08/13/96	1461037
			V035	Xylene (O-)	< 1		ug/l	08/13/96	1461036
	DUP OF	1461036	V035	Xylene (O-)	< 1		ug/l	08/13/96	1461037
			V046	Ethylene dibromide	< 1		ug/l	08/13/96	1461036
	DUP OF	1461036	V046	Ethylene dibromide	< 1		ug/l	08/13/96	1461037
			V048	Dichlorodifluoromethane	< 1		ug/l	08/13/96	1461036
	DUP OF	1461036	V048	Dichlorodifluoromethane	< 1		ug/l	08/13/96	1461037
			V050	Xylene (M,P-)	< 1		ug/l	08/13/96	1461036
	DUP OF	1461036	V050	Xylene (M,P-)	< 1		ug/l	08/13/96	1461037
			V053	Isopropyl Benzene	< 1		ug/l	08/13/96	1461036
	DUP OF	1461036	V053	Isopropyl Benzene	< 1		ug/l	08/13/96	1461037
			V055	n-Propyl Benzene	< 1		ug/l	08/13/96	1461036
	DUP OF	1461036	V055	n-Propyl Benzene	< 1		ug/l	08/13/96	1461037
			V058	Bromobenzene	< 1		ug/l	08/13/96	1461036
	DUP OF	1461036	V058	Bromobenzene	< 1		ug/l	08/13/96	1461037
			V059	s-Butylbenzene	< 1		ug/l	08/13/96	1461036
	DUP OF	1461036	V059	s-Butylbenzene	< 1		ug/l	08/13/96	1461037
			V064	n-Butyl Benzene	< 1		ug/l	08/13/96	1461036
	DUP OF	1461036	V064	n-Butyl Benzene	< 1		ug/l	08/13/96	14[illegible]7
			V066	1,3-Dichloropropene	< 1		ug/l	08/13/96	1[illegible]
	DUP OF	1461036	V066	1,3-Dichloropropene	< 1		ug/l	08/13/96	14[illegible]7
			V071	4-Chlorotoluene	< 1		ug/l	08/13/96	1461036
	DUP OF	1461036	V071	4-Chlorotoluene	< 1		ug/l	08/13/96	1461037
			V090	2-Chlorotoluene	< 1		ug/l	08/13/96	1461036
	DUP OF	1461036	V090	2-Chlorotoluene	< 1		ug/l	08/13/96	1461037
			V101	1,2-Dibromo-3-Chloropropane	< 1		ug/l	08/13/96	1461036
	DUP OF	1461036	V101	1,2-Dibromo-3-Chloropropane	< 1		ug/l	08/13/96	1461037
			V102	Bromochloromethane	< 1		ug/l	08/13/96	1461036
	DUP OF	1461036	V102	Bromochloromethane	< 1		ug/l	08/13/96	1461037
			V105	Dibromomethane	< 1		ug/l	08/13/96	1461036
	DUP OF	1461036	V105	Dibromomethane	< 1		ug/l	08/13/96	1461037
			V106	cis-1,2-Dichloroethene	< 1		ug/l	08/13/96	1461036
	DUP OF	1461036	V106	cis-1,2-Dichloroethene	< 1		ug/l	08/13/96	1461037
			V107	1,3-Dichloropropane	< 1		ug/l	08/13/96	1461036
	DUP OF	1461036	V107	1,3-Dichloropropane	< 1		ug/l	08/13/96	1461037
			V108	2,2-Dichloropropane	< 1		ug/l	08/13/96	1461036
	DUP OF	1461036	V108	2,2-Dichloropropane	< 1		ug/l	08/13/96	1461037
			V109	1,1-Dichloropropene	< 1		ug/l	08/13/96	1461036
	DUP OF	1461036	V109	1,1-Dichloropropene	< 1		ug/l	08/13/96	1461037
			V111	1,1,1,2-Tetrachloroethane	< 1		ug/l	08/13/96	1461036
	DUP OF	1461036	V111	1,1,1,2-Tetrachloroethane	< 1		ug/l	08/13/96	1461037
			V112	1,2,3-Trichloropropane	< 1		ug/l	08/13/96	1461036
	DUP OF	1461036	V112	1,2,3-Trichloropropane	< 1		ug/l	08/13/96	1461037
			V155	2,4,4-Trimethyl-1-pentene	< 1		ug/l	08/13/96	1461036
	DUP OF	1461036	V155	2,4,4-Trimethyl-1-pentene	< 1		ug/l	08/13/96	1461037
			V191	Fluorotrichloro-Methane (F-11)	< 1		ug/l	08/13/96	1461036
	DUP OF	1461036	V191	Fluorotrichloro-Methane (F-11)	< 1		ug/l	08/13/96	1461037
			V253	2,4,4-Trimethyl-2-Pentene	< 1		ug/l	08/13/96	1461036
	DUP OF	1461036	V253	2,4,4-Trimethyl-2-Pentene	< 1		ug/l	08/13/96	1461037
			V254	Chlorodibromoethane	< 1		ug/l	08/13/96	1461036
	DUP OF	1461036	V254	Chlorodibromoethane	< 1		ug/l	08/13/96	1461037
				Tentatively Identified Volatile Organics					
			X144	2-Methoxy-2-methylpropane	5.0		ug/l	08/13/96	1461036

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TABLE 2-19
Groundwater Analytical Results
Volatile Organic Compounds
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID		Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
M-25/L-08-IN									
				Tentatively Identified Volatile Organics					
	DUP OF	1461036	X144	2-Methoxy-2-methylpropane	2.0		ug/l	08/13/96	1461037
			X197	1-Methyl-4-(1-ethylhexyl)benzene	< 1.0		ug/l	08/13/96	1461036
	DUP OF	1461036	X197	1-Methyl-4-(1-ethylhexyl)benzene	< 1.0		ug/l	08/13/96	1461037

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TABLE 2-20
Groundwater Analytical Results
Semivolatile Organic Compounds
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
ALTRON B1								
			Acid Extractable Organics					
		A001	Benzoic Acid	< 50		ug/l	07/15/93	1460169
		A002	2-Chlorophenol	< 10		ug/l	07/15/93	1460169
		A006	4,6-Dinitro-2-methylphenol	< 25		ug/l	07/15/93	1460169
		A007	2,4-Dinitrophenol	< 25		ug/l	07/15/93	1460169
		A008	2-Nitrophenol	< 10		ug/l	07/15/93	1460169
		A009	4-Nitrophenol	< 25		ug/l	07/15/93	1460169
		A011	Pentachlorophenol	< 25		ug/l	07/15/93	1460169
		A012	Phenol	< 10		ug/l	07/15/93	1460169
		A013	2,4,6-Trichlorophenol	< 10		ug/l	07/15/93	1460169
		A014	2,4,5-Trichlorophenol	< 25		ug/l	07/15/93	1460169
		A015	2-Methylphenol (o-Cresol)	< 10		ug/l	07/15/93	1460169
		A016	4-Methylphenol(p-Cresol)	< 10		ug/l	07/15/93	1460169
		A020	4-Chloro-3-methylphenol	< 10		ug/l	07/15/93	1460169
		A024	2,5-Dimethylphenol	< 10		ug/l	07/15/93	1460169
		A036	2,6-Dichlorophenol	< 10		ug/l	07/15/93	1460169
			Base/Neutral Organics					
		B001	Acenaphthene	< 10		ug/l	07/15/93	1460169
		B002	Acenaphthylene	< 10		ug/l	07/15/93	1460169
		B003	Anthracene	< 10		ug/l	07/15/93	1460169
		B005	Benzo(a)anthracene	< 10		ug/l	07/15/93	1460169
		B006	Benzo(a)Pyrene	< 10		ug/l	07/15/93	1460169
		B007	Benzo(b)fluoranthene	< 10		ug/l	07/15/93	1460169
		B008	Benzo(k)fluoranthene	< 10		ug/l	07/15/93	1460169
		B010	Benzo(g,h,i)perylene	< 10		ug/l	07/15/93	1460169
		B011	bis(2-Chloroethoxy)methane	< 10		ug/l	07/15/93	1460169
		B012	bis(2-Chloroethyl)ether	< 10		ug/l	07/15/93	1460169
		B013	bis(2-EthylHexyl)phthalate	< 10		ug/l	07/15/93	1460169
		B014	4-Bromophenyl-phenylether	< 10		ug/l	07/15/93	1460169
		B015	Butylbenzylphthalate	< 10		ug/l	07/15/93	1460169
		B016	2-Chloronaphthalene	< 10		ug/l	07/15/93	1460169
		B017	4-Chlorophenyl-phenylether	< 10		ug/l	07/15/93	1460169
		B018	Chrysene	< 10		ug/l	07/15/93	1460169
		B019	Dibenzo(a,h)anthracene	< 10		ug/l	07/15/93	1460169
		B020	1,2-Dichlorobenzene	< 10		ug/l	07/15/93	1460169
		B021	1,3-Dichlorobenzene	< 10		ug/l	07/15/93	1460169
		B022	1,4-Dichlorobenzene	< 10		ug/l	07/15/93	1460169
		B023	3,3'-Dichlorobenzidine	< 10		ug/l	07/15/93	1460169
		B024	Diethylphthalate	< 10		ug/l	07/15/93	1460169
		B025	Dimethylphthalate	< 10		ug/l	07/15/93	1460169
		B026	Di-n-butylphthalate	< 10		ug/l	07/15/93	1460169
		B027	2,4-Dinitrotoluene	< 10		ug/l	07/15/93	1460169
		B028	2,6-Dinitrotoluene	< 10		ug/l	07/15/93	1460169
		B029	Di-n-octylphthalate	< 10		ug/l	07/15/93	1460169
		B031	Fluoranthene	< 10		ug/l	07/15/93	1460169
		B032	Fluorene	< 10		ug/l	07/15/93	1460169
		B033	Hexachlorobenzene	< 10		ug/l	07/15/93	1460169
		B034	Hexachlorobutadiene	< 10		ug/l	07/15/93	1460169
		B035	Hexachlorocyclopentadiene	< 10		ug/l	07/15/93	1460169
		B036	Hexachloroethane	< 10		ug/l	07/15/93	1460169
		B037	Indeno (1,2,3-cd) pyrene	< 10		ug/l	07/15/93	1460169
		B038	Isophorone	< 10		ug/l	07/15/93	1460169
		B039	Naphthalene	< 10		ug/l	07/15/93	1460169
		B040	Nitrobenzene	< 10		ug/l	07/15/93	1460169
		B042	N-Nitroso-di-n-propylamine	< 10		ug/l	07/15/93	1460169
		B043	N-Nitrosodiphenylamine (1)	< 10		ug/l	07/15/93	1460169
		B044	Phenanthrene	< 10		ug/l	07/15/93	1460169
		B045	Pyrene	< 10		ug/l	07/15/93	1460169
		B046	1,2,4-Trichlorobenzene	< 10		ug/l	07/15/93	1460169
		B051	Benzyl Alcohol	< 10		ug/l	07/15/93	1460169

TABLE 2-20
Groundwater Analytical Results
Semivolatile Organic Compounds
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
ALTRON B1								
			Base/Neutral Organics					
		B052	4-Chloroaniline	< 10		ug/l	07/15/93	1460169
		B053	Dibenzofuran	< 10		ug/l	07/15/93	1460169
		B054	2-Methylnaphthalene	< 10		ug/l	07/15/93	1460169
		B055	2-Nitroaniline	< 25		ug/l	07/15/93	1460169
		B056	3-Nitroaniline	< 25		ug/l	07/15/93	1460169
		B057	4-Nitroaniline	< 25		ug/l	07/15/93	1460169
		B058	bis(2-Chloroisopropyl)ether	< 10		ug/l	07/15/93	1460169
ALTRON B3								
			Acid Extractable Organics					
		A001	Benzoic Acid	< 50		ug/l	07/15/93	1460170
		A002	2-Chlorophenol	< 10		ug/l	07/15/93	1460170
		A006	4,6-Dinitro-2-methylphenol	< 25		ug/l	07/15/93	1460170
		A007	2,4-Dinitrophenol	< 25		ug/l	07/15/93	1460170
		A008	2-Nitrophenol	< 10		ug/l	07/15/93	1460170
		A009	4-Nitrophenol	< 25		ug/l	07/15/93	1460170
		A011	Pentachlorophenol	< 25		ug/l	07/15/93	1460170
		A012	Phenol	< 10		ug/l	07/15/93	1460170
		A013	2,4,6-Trichlorophenol	< 10		ug/l	07/15/93	1460170
		A014	2,4,5-Trichlorophenol	< 25		ug/l	07/15/93	1460170
		A015	2-Methylphenol (o-Cresol)	< 10		ug/l	07/15/93	1460170
		A016	4-Methylphenol(p-Cresol)	< 10		ug/l	07/15/93	1460170
		A020	4-Chloro-3-methylphenol	< 10		ug/l	07/15/93	1460170
		A024	2,5-Dimethylphenol	< 10		ug/l	07/15/93	1460170
		A036	2,6-Dichlorophenol	< 10		ug/l	07/15/93	1460170
			Base/Neutral Organics					
		B001	Acenaphthene	< 10		ug/l	07/15/93	1460170
		B002	Acenaphthylene	< 10		ug/l	07/15/93	1460170
		B003	Anthracene	< 10		ug/l	07/15/93	1460170
		B005	Benzo(a)anthracene	< 10		ug/l	07/15/93	1460170
		B006	Benzo(a)Pyrene	< 10		ug/l	07/15/93	1460170
		B007	Benzo(b)fluoranthene	< 10		ug/l	07/15/93	1460170
		B008	Benzo(k)fluoranthene	< 10		ug/l	07/15/93	1460170
		B010	Benzo(g,h,i)perylene	< 10		ug/l	07/15/93	1460170
		B011	bis(2-Chloroethoxy)methane	< 10		ug/l	07/15/93	1460170
		B012	bis(2-Chloroethyl)ether	< 10		ug/l	07/15/93	1460170
		B013	bis(2-EthylHexyl)phthalate	5	J	ug/l	07/15/93	1460170
		B014	4-Bromophenyl-phenylether	< 10		ug/l	07/15/93	1460170
		B015	Butylbenzylphthalate	< 10		ug/l	07/15/93	1460170
		B016	2-Chloronaphthalene	< 10		ug/l	07/15/93	1460170
		B017	4-Chlorophenyl-phenylether	< 10		ug/l	07/15/93	1460170
		B018	Chrysene	< 10		ug/l	07/15/93	1460170
		B019	Dibenzo(a,h)anthracene	< 10		ug/l	07/15/93	1460170
		B020	1,2-Dichlorobenzene	< 10		ug/l	07/15/93	1460170
		B021	1,3-Dichlorobenzene	< 10		ug/l	07/15/93	1460170
		B022	1,4-Dichlorobenzene	< 10		ug/l	07/15/93	1460170
		B023	3,3'-Dichlorobenzidine	< 10		ug/l	07/15/93	1460170
		B024	Diethylphthalate	1	J	ug/l	07/15/93	1460170
		B025	Dimethylphthalate	< 10		ug/l	07/15/93	1460170
		B026	Di-n-butylphthalate	< 10		ug/l	07/15/93	1460170
		B027	2,4-Dinitrotoluene	< 10		ug/l	07/15/93	1460170
		B028	2,6-Dinitrotoluene	< 10		ug/l	07/15/93	1460170
		B029	Di-n-octylphthalate	< 10		ug/l	07/15/93	1460170
		B031	Fluoranthene	< 10		ug/l	07/15/93	1460170
		B032	Fluorene	< 10		ug/l	07/15/93	1460170
		B033	Hexachlorobenzene	< 10		ug/l	07/15/93	1460170
		B034	Hexachlorobutadiene	< 10		ug/l	07/15/93	1460170
		B035	Hexachlorocyclopentadiene	< 10		ug/l	07/15/93	1460170
		B036	Hexachloroethane	< 10		ug/l	07/15/93	1460170

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TABLE 2-20
Groundwater Analytical Results
Semivolatile Organic Compounds
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
ALTRON B3								
			Base/Neutral Organics					
		B037	Indeno (1,2,3-cd) pyrene	< 10		ug/l	07/15/93	1460170
		B038	Isophorone	< 10		ug/l	07/15/93	1460170
		B039	Naphthalene	< 10		ug/l	07/15/93	1460170
		B040	Nitrobenzene	< 10		ug/l	07/15/93	1460170
		B042	N-Nitroso-di-n-propylamine	< 10		ug/l	07/15/93	1460170
		B043	N-Nitrosodiphenylamine (1)	< 10		ug/l	07/15/93	1460170
		B044	Phenanthrene	< 10		ug/l	07/15/93	1460170
		B045	Pyrene	< 10		ug/l	07/15/93	1460170
		B046	1,2,4-Trichlorobenzene	< 10		ug/l	07/15/93	1460170
		B051	Benzyl Alcohol	< 10		ug/l	07/15/93	1460170
		B052	4-Chloroaniline	< 10		ug/l	07/15/93	1460170
		B053	Dibenzofuran	< 10		ug/l	07/15/93	1460170
		B054	2-Methylnaphthalene	< 10		ug/l	07/15/93	1460170
		B055	2-Nitroaniline	< 25		ug/l	07/15/93	1460170
		B056	3-Nitroaniline	< 25		ug/l	07/15/93	1460170
		B057	4-Nitroaniline	< 25		ug/l	07/15/93	1460170
		B058	bis(2-Chloroisopropyl)ether	< 10		ug/l	07/15/93	1460170
GW-07								
			Acid Extractable Organics					
		A001	Benzoic Acid	< 50		ug/l	12/18/96	1461377
		A002	2-Chlorophenol	< 10		ug/l	12/18/96	1461377
		A003	2,4-Dichlorophenol	< 10		ug/l	12/18/96	1461377
		A004	2,4-Dimethylphenol	< 10		ug/l	12/18/96	1461377
		A006	4,6-Dinitro-2-methylphenol	< 50		ug/l	12/18/96	1461377
		A007	2,4-Dinitrophenol	< 50		ug/l	12/18/96	1461377
		A008	2-Nitrophenol	10		ug/l	12/18/96	1461377
		A009	4-Nitrophenol	10	J	ug/l	12/18/96	1461377
		A011	Pentachlorophenol	< 50		ug/l	12/18/96	1461377
		A012	Phenol	3	J	ug/l	12/18/96	1461377
		A013	2,4,6-Trichlorophenol	< 10		ug/l	12/18/96	1461377
		A014	2,4,5-Trichlorophenol	< 50		ug/l	12/18/96	1461377
		A015	2-Methylphenol (o-Cresol)	< 10		ug/l	12/18/96	1461377
		A016	4-Methylphenol(p-Cresol)	< 10		ug/l	12/18/96	1461377
		A020	4-Chloro-3-methylphenol	< 10		ug/l	12/18/96	1461377
			Base/Neutral Organics					
		B001	Acenaphthene	< 10		ug/l	12/18/96	1461377
		B002	Acenaphthylene	< 10		ug/l	12/18/96	1461377
		B003	Anthracene	< 10		ug/l	12/18/96	1461377
		B005	Benzo(a)anthracene	< 10		ug/l	12/18/96	1461377
		B006	Benzo(a)Pyrene	< 10		ug/l	12/18/96	1461377
		B007	Benzo(b)fluoranthene	< 10		ug/l	12/18/96	1461377
		B008	Benzo(k)fluoranthene	< 10		ug/l	12/18/96	1461377
		B010	Benzo(g,h,i)perylene	< 10		ug/l	12/18/96	1461377
		B011	bis(2-Chloroethoxy)methane	< 10		ug/l	12/18/96	1461377
		B012	bis(2-Chloroethyl)ether	< 10		ug/l	12/18/96	1461377
		B013	bis(2-EthylHexyl)phthalate	1	JB	ug/l	12/18/96	1461377
		B014	4-Bromophenyl-phenylether	3	J	ug/l	12/18/96	1461377
		B015	Butylbenzylphthalate	< 10		ug/l	12/18/96	1461377
		B016	2-Chloronaphthalene	< 10		ug/l	12/18/96	1461377
		B017	4-Chlorophenyl-phenylether	< 10		ug/l	12/18/96	1461377
		B018	Chrysene	< 10		ug/l	12/18/96	1461377
		B019	Dibenzo(a,h)anthracene	< 10		ug/l	12/18/96	1461377
		B020	1,2-Dichlorobenzene	< 10		ug/l	12/18/96	1461377
		B021	1,3-Dichlorobenzene	< 10		ug/l	12/18/96	1461377
		B022	1,4-Dichlorobenzene	< 10		ug/l	12/18/96	1461377
		B023	3,3'-Dichlorobenzidine	< 20		ug/l	12/18/96	1461377
		B024	Diethylphthalate	< 10		ug/l	12/18/96	1461377
		B025	Dimethylphthalate	< 10		ug/l	12/18/96	1461377

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TABLE 2-20
Groundwater Analytical Results
Semivolatile Organic Compounds
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
GW-07								
			Base/Neutral Organics					
		B026	Di-n-butylphthalate	0.4	JB	ug/l	12/18/96	1461377
		B027	2,4-Dinitrotoluene	< 10		ug/l	12/18/96	1461377
		B028	2,6-Dinitrotoluene	< 10		ug/l	12/18/96	1461377
		B029	Di-n-octylphthalate	< 10		ug/l	12/18/96	1461377
		B031	Fluoranthene	< 10		ug/l	12/18/96	1461377
		B032	Fluorene	< 10		ug/l	12/18/96	1461377
		B033	Hexachlorobenzene	< 10		ug/l	12/18/96	1461377
		B034	Hexachlorobutadiene	< 10		ug/l	12/18/96	1461377
		B035	Hexachlorocyclopentadiene	< 10		ug/l	12/18/96	1461377
		B036	Hexachloroethane	< 10		ug/l	12/18/96	1461377
		B037	Indeno (1,2,3-cd) pyrene	< 10		ug/l	12/18/96	1461377
		B038	Isophorone	< 10		ug/l	12/18/96	1461377
		B039	Naphthalene	0.2	J	ug/l	12/18/96	1461377
		B040	Nitrobenzene	< 10		ug/l	12/18/96	1461377
		B042	N-Nitroso-di-n-propylamine	< 10		ug/l	12/18/96	1461377
		B043	N-Nitrosodiphenylamine (1)	1	J	ug/l	12/18/96	1461377
		B044	Phenanthrene	< 10		ug/l	12/18/96	1461377
		B045	Pyrene	< 10		ug/l	12/18/96	1461377
		B046	1,2,4-Trichlorobenzene	< 10		ug/l	12/18/96	1461377
		B051	Benzyl Alcohol	< 10		ug/l	12/18/96	1461377
		B052	4-Chloroaniline	< 10		ug/l	12/18/96	1461377
		B053	Dibenzofuran	< 10		ug/l	12/18/96	1461377
		B054	2-Methylnaphthalene	< 10		ug/l	12/18/96	1461377
		B055	2-Nitroaniline	< 50		ug/l	12/18/96	1461377
		B056	3-Nitroaniline	< 50		ug/l	12/18/96	1461377
		B057	4-Nitroaniline	< 20		ug/l	12/18/96	1461377
		B058	bis(2-Chloroisopropyl)ether	< 10		ug/l	12/18/96	1461377
GW-65-BR								
			Acid Extractable Organics					
		A002	2-Chlorophenol	< 10		ug/l	10/19/95	1460602
		A003	2,4-Dichlorophenol	< 10		ug/l	10/19/95	1460602
		A004	2,4-Dimethylphenol	< 10		ug/l	10/19/95	1460602
		A006	4,6-Dinitro-2-methylphenol	< 25		ug/l	10/19/95	1460602
		A007	2,4-Dinitrophenol	< 25		ug/l	10/19/95	1460602
		A008	2-Nitrophenol	< 10		ug/l	10/19/95	1460602
		A009	4-Nitrophenol	< 25		ug/l	10/19/95	1460602
		A011	Pentachlorophenol	< 25		ug/l	10/19/95	1460602
		A012	Phenol	< 10		ug/l	10/19/95	1460602
		A013	2,4,6-Trichlorophenol	< 10		ug/l	10/19/95	1460602
		A014	2,4,5-Trichlorophenol	< 25		ug/l	10/19/95	1460602
		A015	2-Methylphenol (o-Cresol)	< 10		ug/l	10/19/95	1460602
		A016	4-Methylphenol(p-Cresol)	< 10		ug/l	10/19/95	1460602
		A020	4-Chloro-3-methylphenol	< 10		ug/l	10/19/95	1460602
			Base/Neutral Organics					
		B001	Acenaphthene	< 10		ug/l	10/19/95	1460602
		B002	Acenaphthylene	< 10		ug/l	10/19/95	1460602
		B003	Anthracene	< 10		ug/l	10/19/95	1460602
		B005	Benzo(a)anthracene	< 10		ug/l	10/19/95	1460602
		B006	Benzo(a)Pyrene	< 10		ug/l	10/19/95	1460602
		B007	Benzo(b)fluoranthene	< 10		ug/l	10/19/95	1460602
		B008	Benzo(k)fluoranthene	< 10		ug/l	10/19/95	1460602
		B010	Benzo(g,h,i)perylene	< 10		ug/l	10/19/95	1460602
		B011	bis(2-Chloroethoxy)methane	< 10		ug/l	10/19/95	1460602
		B012	bis(2-Chloroethyl)ether	< 10		ug/l	10/19/95	1460602
		B013	bis(2-EthylHexyl)phthalate	< 10	JBu	ug/l	10/19/95	1460602
		B014	4-Bromophenyl-phenylether	< 10		ug/l	10/19/95	1460602
		B015	Butylbenzylphthalate	< 10		ug/l	10/19/95	1460602
		B016	2-Chloronaphthalene	< 10		ug/l	10/19/95	1460602

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TABLE 2-20
Groundwater Analytical Results
Semivolatile Organic Compounds
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
GW-65-BR								
			Base/Neutral Organics					
		B017	4-Chlorophenyl-phenylether	< 10		ug/l	10/19/95	1460602
		B018	Chrysene	< 10		ug/l	10/19/95	1460602
		B019	Dibenzo(a,h)anthracene	< 10		ug/l	10/19/95	1460602
		B020	1,2-Dichlorobenzene	< 10		ug/l	10/19/95	1460602
		B021	1,3-Dichlorobenzene	< 10		ug/l	10/19/95	1460602
		B022	1,4-Dichlorobenzene	< 10		ug/l	10/19/95	1460602
		B023	3,3'-Dichlorobenzidine	< 10		ug/l	10/19/95	1460602
		B024	Diethylphthalate	< 10		ug/l	10/19/95	1460602
		B025	Dimethylphthalate	< 10		ug/l	10/19/95	1460602
		B026	Di-n-butylphthalate	< 10		ug/l	10/19/95	1460602
		B027	2,4-Dinitrotoluene	< 10		ug/l	10/19/95	1460602
		B028	2,6-Dinitrotoluene	< 10		ug/l	10/19/95	1460602
		B029	Di-n-octylphthalate	< 10		ug/l	10/19/95	1460602
		B031	Fluoranthene	< 10		ug/l	10/19/95	1460602
		B032	Fluorene	< 10		ug/l	10/19/95	1460602
		B033	Hexachlorobenzene	< 10		ug/l	10/19/95	1460602
		B034	Hexachlorobutadiene	< 10		ug/l	10/19/95	1460602
		B035	Hexachlorocyclopentadiene	< 10		ug/l	10/19/95	1460602
		B036	Hexachloroethane	< 10		ug/l	10/19/95	1460602
		B037	Indeno (1,2,3-cd) pyrene	< 10		ug/l	10/19/95	1460602
		B038	Isophorone	< 10		ug/l	10/19/95	1460602
		B039	Naphthalene	< 10		ug/l	10/19/95	1460602
		B040	Nitrobenzene	< 10		ug/l	10/19/95	1460602
		B042	N-Nitroso-di-n-propylamine	< 10		ug/l	10/19/95	1460602
		B043	N-Nitrosodiphenylamine (1)	< 10		ug/l	10/19/95	1460602
		B044	Phenanthrene	< 10		ug/l	10/19/95	1460602
		B045	Pyrene	< 10		ug/l	10/19/95	1460602
		B046	1,2,4-Trichlorobenzene	< 10		ug/l	10/19/95	1460602
		B052	4-Chloroaniline	< 10		ug/l	10/19/95	1460602
		B053	Dibenzofuran	< 10		ug/l	10/19/95	1460602
		B054	2-Methylnaphthalene	< 10		ug/l	10/19/95	1460602
		B055	2-Nitroaniline	< 25		ug/l	10/19/95	1460602
		B056	3-Nitroaniline	< 25		ug/l	10/19/95	1460602
		B057	4-Nitroaniline	< 25		ug/l	10/19/95	1460602
		B058	bis(2-Chloroisopropyl)ether	< 10		ug/l	10/19/95	1460602
		B180	Carbazole	< 10		ug/l	10/19/95	1460602
GW-76-S								
			Acid Extractable Organics					
		A001	Benzoic Acid	< 50		ug/l	12/17/96	1461391
		A002	2-Chlorophenol	< 10		ug/l	12/17/96	1461391
		A003	2,4-Dichlorophenol	< 10		ug/l	12/17/96	1461391
		A004	2,4-Dimethylphenol	< 10		ug/l	12/17/96	1461391
		A006	4,6-Dinitro-2-methylphenol	< 50		ug/l	12/17/96	1461391
		A007	2,4-Dinitrophenol	< 50		ug/l	12/17/96	1461391
		A008	2-Nitrophenol	< 10		ug/l	12/17/96	1461391
		A009	4-Nitrophenol	< 50		ug/l	12/17/96	1461391
		A011	Pentachlorophenol	< 50		ug/l	12/17/96	1461391
		A012	Phenol	< 10		ug/l	12/17/96	1461391
		A013	2,4,6-Trichlorophenol	< 10		ug/l	12/17/96	1461391
		A014	2,4,5-Trichlorophenol	< 50		ug/l	12/17/96	1461391
		A015	2-Methylphenol (o-Cresol)	< 10		ug/l	12/17/96	1461391
		A016	4-Methylphenol(p-Cresol)	< 10		ug/l	12/17/96	1461391
		A020	4-Chloro-3-methylphenol	< 10		ug/l	12/17/96	1461391
			Base/Neutral Organics					
		B001	Acenaphthene	< 10		ug/l	12/17/96	1461391
		B002	Acenaphthylene	< 10		ug/l	12/17/96	1461391
		B003	Anthracene	< 10		ug/l	12/17/96	1461391
		B005	Benzo(a)anthracene	< 10		ug/l	12/17/96	1461391

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TABLE 2-20
Groundwater Analytical Results
Semivolatile Organic Compounds
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
GW-76-S			Base/Neutral Organics					
		B006	Benzo(a)Pyrene	< 10		ug/l	12/17/96	1461391
		B007	Benzo(b)fluoranthene	< 10		ug/l	12/17/96	1461391
		B008	Benzo(k)fluoranthene	< 10		ug/l	12/17/96	1461391
		B010	Benzo(g,h,i)perylene	< 10		ug/l	12/17/96	1461391
		B011	bis(2-Chloroethoxy)methane	< 10		ug/l	12/17/96	1461391
		B012	bis(2-Chloroethyl)ether	< 10		ug/l	12/17/96	1461391
		B013	bis(2-EthylHexyl)phthalate	1	J	ug/l	12/17/96	1461391
		B014	4-Bromophenyl-phenylether	< 10		ug/l	12/17/96	1461391
		B015	Butylbenzylphthalate	< 10		ug/l	12/17/96	1461391
		B016	2-Chloronaphthalene	< 10		ug/l	12/17/96	1461391
		B017	4-Chlorophenyl-phenylether	< 10		ug/l	12/17/96	1461391
		B018	Chrysene	< 10		ug/l	12/17/96	1461391
		B019	Dibenzo(a,h)anthracene	< 10		ug/l	12/17/96	1461391
		B020	1,2-Dichlorobenzene	< 10		ug/l	12/17/96	1461391
		B021	1,3-Dichlorobenzene	< 10		ug/l	12/17/96	1461391
		B022	1,4-Dichlorobenzene	< 10		ug/l	12/17/96	1461391
		B023	3,3'-Dichlorobenzidine	< 20		ug/l	12/17/96	1461391
		B024	Diethylphthalate	0.4	JB	ug/l	12/17/96	1461391
		B025	Dimethylphthalate	< 10		ug/l	12/17/96	1461391
		B026	Di-n-butylphthalate	0.3	JB	ug/l	12/17/96	1461391
		B027	2,4-Dinitrotoluene	< 10		ug/l	12/17/96	1461391
		B028	2,6-Dinitrotoluene	< 10		ug/l	12/17/96	1461391
		B029	Di-n-octylphthalate	< 10		ug/l	12/17/96	1461391
		B031	Fluoranthene	< 10		ug/l	12/17/96	1461391
		B032	Fluorene	< 10		ug/l	12/17/96	1461391
		B033	Hexachlorobenzene	< 10		ug/l	12/17/96	1461391
		B034	Hexachlorobutadiene	< 10		ug/l	12/17/96	1461391
		B035	Hexachlorocyclopentadiene	< 10		ug/l	12/17/96	1461391
		B036	Hexachloroethane	< 10		ug/l	12/17/96	1461391
		B037	Indeno (1,2,3-cd) pyrene	< 10		ug/l	12/17/96	1461391
		B038	Isophorone	< 10		ug/l	12/17/96	1461391
		B039	Naphthalene	< 10		ug/l	12/17/96	1461391
		B040	Nitrobenzene	< 10		ug/l	12/17/96	1461391
		B042	N-Nitroso-di-n-propylamine	< 10		ug/l	12/17/96	1461391
		B043	N-Nitrosodiphenylamine (1)	12		ug/l	12/17/96	1461391
		B044	Phenanthrene	< 10		ug/l	12/17/96	1461391
		B045	Pyrene	< 10		ug/l	12/17/96	1461391
		B046	1,2,4-Trichlorobenzene	< 10		ug/l	12/17/96	1461391
		B051	Benzyl Alcohol	< 10		ug/l	12/17/96	1461391
		B052	4-Chloroaniline	< 10		ug/l	12/17/96	1461391
		B053	Dibenzofuran	< 10		ug/l	12/17/96	1461391
		B054	2-Methylnaphthalene	< 10		ug/l	12/17/96	1461391
		B055	2-Nitroaniline	< 50		ug/l	12/17/96	1461391
		B056	3-Nitroaniline	< 50		ug/l	12/17/96	1461391
		B057	4-Nitroaniline	< 20		ug/l	12/17/96	1461391
		B058	bis(2-Chloroisopropyl)ether	< 10		ug/l	12/17/96	1461391
GW-77-S			Acid Extractable Organics					
		A001	Benzoic Acid	< 50		ug/l	12/17/96	1461393
		A002	2-Chlorophenol	< 10		ug/l	12/17/96	1461393
		A003	2,4-Dichlorophenol	< 10		ug/l	12/17/96	1461393
		A004	2,4-Dimethylphenol	< 10		ug/l	12/17/96	1461393
		A006	4,6-Dinitro-2-methylphenol	< 50		ug/l	12/17/96	1461393
		A007	2,4-Dinitrophenol	< 50		ug/l	12/17/96	1461393
		A008	2-Nitrophenol	< 10		ug/l	12/17/96	1461393
		A009	4-Nitrophenol	< 50		ug/l	12/17/96	1461393
		A011	Pentachlorophenol	< 50		ug/l	12/17/96	1461393
		A012	Phenol	< 10		ug/l	12/17/96	1461393

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TABLE 2-20
Groundwater Analytical Results
Semivolatile Organic Compounds
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
GW-77-S								
			Acid Extractable Organics					
		A013	2,4,6-Trichlorophenol	< 10		ug/l	12/17/96	1461393
		A014	2,4,5-Trichlorophenol	< 50		ug/l	12/17/96	1461393
		A015	2-Methylphenol (o-Cresol)	< 10		ug/l	12/17/96	1461393
		A016	4-Methylphenol(p-Cresol)	< 10		ug/l	12/17/96	1461393
		A020	4-Chloro-3-methylphenol	< 10		ug/l	12/17/96	1461393
			Base/Neutral Organics					
		B001	Acenaphthene	< 10		ug/l	12/17/96	1461393
		B002	Acenaphthylene	< 10		ug/l	12/17/96	1461393
		B003	Anthracene	< 10		ug/l	12/17/96	1461393
		B005	Benzo(a)anthracene	< 10		ug/l	12/17/96	1461393
		B006	Benzo(a)Pyrene	< 10		ug/l	12/17/96	1461393
		B007	Benzo(b)fluoranthene	< 10		ug/l	12/17/96	1461393
		B008	Benzo(k)fluoranthene	< 10		ug/l	12/17/96	1461393
		B010	Benzo(g,h,i)perylene	< 10		ug/l	12/17/96	1461393
		B011	bis(2-Chloroethoxy)methane	< 10		ug/l	12/17/96	1461393
		B012	bis(2-Chloroethyl)ether	< 10		ug/l	12/17/96	1461393
		B013	bis(2-EthylHexyl)phthalate	< 10		ug/l	12/17/96	1461393
		B014	4-Bromophenyl-phenylether	< 10		ug/l	12/17/96	1461393
		B015	Butylbenzylphthalate	< 10		ug/l	12/17/96	1461393
		B016	2-Chloronaphthalene	< 10		ug/l	12/17/96	1461393
		B017	4-Chlorophenyl-phenylether	< 10		ug/l	12/17/96	1461393
		B018	Chrysene	< 10		ug/l	12/17/96	1461393
		B019	Dibenzo(a,h)anthracene	< 10		ug/l	12/17/96	1461393
		B020	1,2-Dichlorobenzene	< 10		ug/l	12/17/96	1461393
		B021	1,3-Dichlorobenzene	< 10		ug/l	12/17/96	1461393
		B022	1,4-Dichlorobenzene	< 10		ug/l	12/17/96	1461393
		B023	3,3'-Dichlorobenzidine	< 20		ug/l	12/17/96	1461393
		B024	Diethylphthalate	0.3	JB	ug/l	12/17/96	1461393
		B025	Dimethylphthalate	< 10		ug/l	12/17/96	1461393
		B026	Di-n-butylphthalate	0.2	JB	ug/l	12/17/96	1461393
		B027	2,4-Dinitrotoluene	< 10		ug/l	12/17/96	1461393
		B028	2,6-Dinitrotoluene	< 10		ug/l	12/17/96	1461393
		B029	Di-n-octylphthalate	< 10		ug/l	12/17/96	1461393
		B031	Fluoranthene	< 10		ug/l	12/17/96	1461393
		B032	Fluorene	< 10		ug/l	12/17/96	1461393
		B033	Hexachlorobenzene	< 10		ug/l	12/17/96	1461393
		B034	Hexachlorobutadiene	< 10		ug/l	12/17/96	1461393
		B035	Hexachlorocyclopentadiene	< 10		ug/l	12/17/96	1461393
		B036	Hexachloroethane	< 10		ug/l	12/17/96	1461393
		B037	Indeno (1,2,3-cd) pyrene	< 10		ug/l	12/17/96	1461393
		B038	Isophorone	< 10		ug/l	12/17/96	1461393
		B039	Naphthalene	< 10		ug/l	12/17/96	1461393
		B040	Nitrobenzene	< 10		ug/l	12/17/96	1461393
		B042	N-Nitroso-di-n-propylamine	< 10		ug/l	12/17/96	1461393
		B043	N-Nitrosodiphenylamine (1)	< 10		ug/l	12/17/96	1461393
		B044	Phenanthrene	< 10		ug/l	12/17/96	1461393
		B045	Pyrene	< 10		ug/l	12/17/96	1461393
		B046	1,2,4-Trichlorobenzene	< 10		ug/l	12/17/96	1461393
		B051	Benzyl Alcohol	< 10		ug/l	12/17/96	1461393
		B052	4-Chloroaniline	< 10		ug/l	12/17/96	1461393
		B053	Dibenzofuran	< 10		ug/l	12/17/96	1461393
		B054	2-Methylnaphthalene	< 10		ug/l	12/17/96	1461393
		B055	2-Nitroaniline	< 50		ug/l	12/17/96	1461393
		B056	3-Nitroaniline	< 50		ug/l	12/17/96	1461393
		B057	4-Nitroaniline	< 20		ug/l	12/17/96	1461393
		B058	bis(2-Chloroisopropyl)ether	< 10		ug/l	12/17/96	1461393

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TABLE 2-20
Groundwater Analytical Results
Semivolatile Organic Compounds
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
GW-78-S								
			Acid Extractable Organics					
		A001	Benzoic Acid	< 50		ug/l	12/17/96	1461395
		A002	2-Chlorophenol	< 10		ug/l	12/17/96	1461395
		A003	2,4-Dichlorophenol	< 10		ug/l	12/17/96	1461395
		A004	2,4-Dimethylphenol	< 10		ug/l	12/17/96	1461395
		A006	4,6-Dinitro-2-methylphenol	< 50		ug/l	12/17/96	1461395
		A007	2,4-Dinitrophenol	< 50		ug/l	12/17/96	1461395
		A008	2-Nitrophenol	< 10		ug/l	12/17/96	1461395
		A009	4-Nitrophenol	< 50		ug/l	12/17/96	1461395
		A011	Pentachlorophenol	< 50		ug/l	12/17/96	1461395
		A012	Phenol	< 10		ug/l	12/17/96	1461395
		A013	2,4,6-Trichlorophenol	< 10		ug/l	12/17/96	1461395
		A014	2,4,5-Trichlorophenol	< 50		ug/l	12/17/96	1461395
		A015	2-Methylphenol (o-Cresol)	< 10		ug/l	12/17/96	1461395
		A016	4-Methylphenol(p-Cresol)	< 10		ug/l	12/17/96	1461395
		A020	4-Chloro-3-methylphenol	< 10		ug/l	12/17/96	1461395
			Base/Neutral Organics					
		B001	Acenaphthene	< 10		ug/l	12/17/96	1461395
		B002	Acenaphthylene	< 10		ug/l	12/17/96	1461395
		B003	Anthracene	< 10		ug/l	12/17/96	1461395
		B005	Benzo(a)anthracene	< 10		ug/l	12/17/96	1461395
		B006	Benzo(a)Pyrene	< 10		ug/l	12/17/96	1461395
		B007	Benzo(b)fluoranthene	< 10		ug/l	12/17/96	1461395
		B008	Benzo(k)fluoranthene	< 10		ug/l	12/17/96	1461395
		B010	Benzo(g,h,i)perylene	< 10		ug/l	12/17/96	1461395
		B011	bis(2-Chloroethoxy)methane	< 10		ug/l	12/17/96	1461395
		B012	bis(2-Chloroethyl)ether	< 10		ug/l	12/17/96	1461395
		B013	bis(2-EthylHexyl)phthalate	< 10		ug/l	12/17/96	1461395
		B014	4-Bromophenyl-phenylether	< 10		ug/l	12/17/96	1461395
		B015	Butylbenzylphthalate	< 10		ug/l	12/17/96	1461395
		B016	2-Chloronaphthalene	< 10		ug/l	12/17/96	1461395
		B017	4-Chlorophenyl-phenylether	< 10		ug/l	12/17/96	1461395
		B018	Chrysene	< 10		ug/l	12/17/96	1461395
		B019	Dibenzo(a,h)anthracene	< 10		ug/l	12/17/96	1461395
		B020	1,2-Dichlorobenzene	< 10		ug/l	12/17/96	1461395
		B021	1,3-Dichlorobenzene	< 10		ug/l	12/17/96	1461395
		B022	1,4-Dichlorobenzene	< 10		ug/l	12/17/96	1461395
		B023	3,3'-Dichlorobenzidine	< 20		ug/l	12/17/96	1461395
		B024	Diethylphthalate	0.3	JB	ug/l	12/17/96	1461395
		B025	Dimethylphthalate	< 10		ug/l	12/17/96	1461395
		B026	Di-n-butylphthalate	0.2	JB	ug/l	12/17/96	1461395
		B027	2,4-Dinitrotoluene	< 10		ug/l	12/17/96	1461395
		B028	2,6-Dinitrotoluene	< 10		ug/l	12/17/96	1461395
		B029	Di-n-octylphthalate	< 10		ug/l	12/17/96	1461395
		B031	Fluoranthene	< 10		ug/l	12/17/96	1461395
		B032	Fluorene	< 10		ug/l	12/17/96	1461395
		B033	Hexachlorobenzene	< 10		ug/l	12/17/96	1461395
		B034	Hexachlorobutadiene	< 10		ug/l	12/17/96	1461395
		B035	Hexachlorocyclopentadiene	< 10		ug/l	12/17/96	1461395
		B036	Hexachloroethane	< 10		ug/l	12/17/96	1461395
		B037	Indeno (1,2,3-cd) pyrene	< 10		ug/l	12/17/96	1461395
		B038	Isophorone	< 10		ug/l	12/17/96	1461395
		B039	Naphthalene	< 10		ug/l	12/17/96	1461395
		B040	Nitrobenzene	< 10		ug/l	12/17/96	1461395
		B042	N-Nitroso-di-n-propylamine	< 10		ug/l	12/17/96	1461395
		B043	N-Nitrosodiphenylamine (1)	< 10		ug/l	12/17/96	1461395
		B044	Phenanthrene	< 10		ug/l	12/17/96	1461395
		B045	Pyrene	< 10		ug/l	12/17/96	1461395
		B046	1,2,4-Trichlorobenzene	< 10		ug/l	12/17/96	1461395
		B051	Benzyl Alcohol	< 10		ug/l	12/17/96	1461395

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TABLE 2-20
Groundwater Analytical Results
Semivolatile Organic Compounds
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
GW-78-S								
			Base/Neutral Organics					
		B052	4-Chloroaniline	< 10		ug/l	12/17/96	1461395
		B053	Dibenzofuran	< 10		ug/l	12/17/96	1461395
		B054	2-Methylnaphthalene	< 10		ug/l	12/17/96	1461395
		B055	2-Nitroaniline	< 50		ug/l	12/17/96	1461395
		B056	3-Nitroaniline	< 50		ug/l	12/17/96	1461395
		B057	4-Nitroaniline	< 20		ug/l	12/17/96	1461395
		B058	bis(2-Chloroisopropyl)ether	< 10		ug/l	12/17/96	1461395
GW-79-S								
			Acid Extractable Organics					
		A001	Benzoic Acid	< 50		ug/l	12/17/96	1461397
	DUP OF 1461397	A001	Benzoic Acid	< 50		ug/l	12/17/96	1461399
		A002	2-Chlorophenol	< 10		ug/l	12/17/96	1461397
	DUP OF 1461397	A002	2-Chlorophenol	< 10		ug/l	12/17/96	1461399
		A003	2,4-Dichlorophenol	< 10		ug/l	12/17/96	1461397
	DUP OF 1461397	A003	2,4-Dichlorophenol	< 10		ug/l	12/17/96	1461399
		A004	2,4-Dimethylphenol	< 10		ug/l	12/17/96	1461397
	DUP OF 1461397	A004	2,4-Dimethylphenol	< 10		ug/l	12/17/96	1461399
		A006	4,6-Dinitro-2-methylphenol	< 50		ug/l	12/17/96	1461397
	DUP OF 1461397	A006	4,6-Dinitro-2-methylphenol	< 50		ug/l	12/17/96	1461399
		A007	2,4-Dinitrophenol	< 50		ug/l	12/17/96	1461397
	DUP OF 1461397	A007	2,4-Dinitrophenol	< 50		ug/l	12/17/96	1461399
		A008	2-Nitrophenol	< 10		ug/l	12/17/96	1461397
	DUP OF 1461397	A008	2-Nitrophenol	< 10		ug/l	12/17/96	1461399
		A009	4-Nitrophenol	< 50		ug/l	12/17/96	1461397
	DUP OF 1461397	A009	4-Nitrophenol	< 50		ug/l	12/17/96	1461399
		A011	Pentachlorophenol	< 50		ug/l	12/17/96	1461397
	DUP OF 1461397	A011	Pentachlorophenol	< 50		ug/l	12/17/96	1461399
		A012	Phenol	< 10		ug/l	12/17/96	1461397
	DUP OF 1461397	A012	Phenol	< 10		ug/l	12/17/96	1461399
		A013	2,4,6-Trichlorophenol	< 10		ug/l	12/17/96	1461397
	DUP OF 1461397	A013	2,4,6-Trichlorophenol	< 10		ug/l	12/17/96	1461399
		A014	2,4,5-Trichlorophenol	< 50		ug/l	12/17/96	1461397
	DUP OF 1461397	A014	2,4,5-Trichlorophenol	< 50		ug/l	12/17/96	1461399
		A015	2-Methylphenol (o-Cresol)	< 10		ug/l	12/17/96	1461397
	DUP OF 1461397	A015	2-Methylphenol (o-Cresol)	< 10		ug/l	12/17/96	1461399
		A016	4-Methylphenol(p-Cresol)	< 10		ug/l	12/17/96	1461397
	DUP OF 1461397	A016	4-Methylphenol(p-Cresol)	< 10		ug/l	12/17/96	1461399
		A020	4-Chloro-3-methylphenol	< 10		ug/l	12/17/96	1461397
	DUP OF 1461397	A020	4-Chloro-3-methylphenol	< 10		ug/l	12/17/96	1461399
			Base/Neutral Organics					
		B001	Acenaphthene	< 10		ug/l	12/17/96	1461397
	DUP OF 1461397	B001	Acenaphthene	< 10		ug/l	12/17/96	1461399
		B002	Acenaphthylene	< 10		ug/l	12/17/96	1461397
	DUP OF 1461397	B002	Acenaphthylene	< 10		ug/l	12/17/96	1461399
		B003	Anthracene	< 10		ug/l	12/17/96	1461397
	DUP OF 1461397	B003	Anthracene	< 10		ug/l	12/17/96	1461399
		B005	Benzo(a)anthracene	< 10		ug/l	12/17/96	1461397
	DUP OF 1461397	B005	Benzo(a)anthracene	< 10		ug/l	12/17/96	1461399
		B006	Benzo(a)Pyrene	< 10		ug/l	12/17/96	1461397
	DUP OF 1461397	B006	Benzo(a)Pyrene	< 10		ug/l	12/17/96	1461399
		B007	Benzo(b)fluoranthene	< 10		ug/l	12/17/96	1461397
	DUP OF 1461397	B007	Benzo(b)fluoranthene	< 10		ug/l	12/17/96	1461399
		B008	Benzo(k)fluoranthene	< 10		ug/l	12/17/96	1461397
	DUP OF 1461397	B008	Benzo(k)fluoranthene	< 10		ug/l	12/17/96	1461399
		B010	Benzo(g,h,i)perylene	< 10		ug/l	12/17/96	1461397
	DUP OF 1461397	B010	Benzo(g,h,i)perylene	< 10		ug/l	12/17/96	1461399
		B011	bis(2-Chloroethoxy)methane	< 10		ug/l	12/17/96	1461397
	DUP OF 1461397	B011	bis(2-Chloroethoxy)methane	< 10		ug/l	12/17/96	1461399

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TABLE 2-20
Groundwater Analytical Results
Semivolatile Organic Compounds
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID		Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
GW-79-S				Base/Neutral Organics					
			B012	bis(2-Chloroethyl)ether	< 10		ug/l	12/17/96	1461397
	DUP OF	1461397	B012	bis(2-Chloroethyl)ether	< 10		ug/l	12/17/96	1461399
			B013	bis(2-EthylHexyl)phthalate	0.4	J	ug/l	12/17/96	1461397
	DUP OF	1461397	B013	bis(2-EthylHexyl)phthalate	0.4	J	ug/l	12/17/96	1461399
			B014	4-Bromophenyl-phenylether	< 10		ug/l	12/17/96	1461397
	DUP OF	1461397	B014	4-Bromophenyl-phenylether	< 10		ug/l	12/17/96	1461399
			B015	Butylbenzylphthalate	< 10		ug/l	12/17/96	1461397
	DUP OF	1461397	B015	Butylbenzylphthalate	< 10		ug/l	12/17/96	1461399
			B016	2-Chloronaphthalene	< 10		ug/l	12/17/96	1461397
	DUP OF	1461397	B016	2-Chloronaphthalene	< 10		ug/l	12/17/96	1461399
			B017	4-Chlorophenyl-phenylether	< 10		ug/l	12/17/96	1461397
	DUP OF	1461397	B017	4-Chlorophenyl-phenylether	< 10		ug/l	12/17/96	1461399
			B018	Chrysene	< 10		ug/l	12/17/96	1461397
	DUP OF	1461397	B018	Chrysene	< 10		ug/l	12/17/96	1461399
			B019	Dibenzo(a,h)anthracene	< 10		ug/l	12/17/96	1461397
	DUP OF	1461397	B019	Dibenzo(a,h)anthracene	< 10		ug/l	12/17/96	1461399
			B020	1,2-Dichlorobenzene	< 10		ug/l	12/17/96	1461397
	DUP OF	1461397	B020	1,2-Dichlorobenzene	< 10		ug/l	12/17/96	1461399
			B021	1,3-Dichlorobenzene	< 10		ug/l	12/17/96	1461397
	DUP OF	1461397	B021	1,3-Dichlorobenzene	< 10		ug/l	12/17/96	1461399
			B022	1,4-Dichlorobenzene	< 10		ug/l	12/17/96	1461397
	DUP OF	1461397	B022	1,4-Dichlorobenzene	< 10		ug/l	12/17/96	1461399
			B023	3,3'-Dichlorobenzidine	< 20		ug/l	12/17/96	1461397
	DUP OF	1461397	B023	3,3'-Dichlorobenzidine	< 20		ug/l	12/17/96	1461399
			B024	Diethylphthalate	0.5	JB	ug/l	12/17/96	1461397
	DUP OF	1461397	B024	Diethylphthalate	0.3	JB	ug/l	12/17/96	1461399
			B025	Dimethylphthalate	< 10		ug/l	12/17/96	1461397
	DUP OF	1461397	B025	Dimethylphthalate	< 10		ug/l	12/17/96	1461399
			B026	Di-n-butylphthalate	0.4	JB	ug/l	12/17/96	1461397
	DUP OF	1461397	B026	Di-n-butylphthalate	0.3	JB	ug/l	12/17/96	1461399
			B027	2,4-Dinitrotoluene	< 10		ug/l	12/17/96	1461397
	DUP OF	1461397	B027	2,4-Dinitrotoluene	< 10		ug/l	12/17/96	1461399
			B028	2,6-Dinitrotoluene	< 10		ug/l	12/17/96	1461397
	DUP OF	1461397	B028	2,6-Dinitrotoluene	< 10		ug/l	12/17/96	1461399
			B029	Di-n-octylphthalate	< 10		ug/l	12/17/96	1461397
	DUP OF	1461397	B029	Di-n-octylphthalate	< 10		ug/l	12/17/96	1461399
			B031	Fluoranthene	< 10		ug/l	12/17/96	1461397
	DUP OF	1461397	B031	Fluoranthene	< 10		ug/l	12/17/96	1461399
			B032	Fluorene	< 10		ug/l	12/17/96	1461397
	DUP OF	1461397	B032	Fluorene	< 10		ug/l	12/17/96	1461399
			B033	Hexachlorobenzene	< 10		ug/l	12/17/96	1461397
	DUP OF	1461397	B033	Hexachlorobenzene	< 10		ug/l	12/17/96	1461399
			B034	Hexachlorobutadiene	< 10		ug/l	12/17/96	1461397
	DUP OF	1461397	B034	Hexachlorobutadiene	< 10		ug/l	12/17/96	1461399
			B035	Hexachlorocyclopentadiene	< 10		ug/l	12/17/96	1461397
	DUP OF	1461397	B035	Hexachlorocyclopentadiene	< 10		ug/l	12/17/96	1461399
			B036	Hexachloroethane	< 10		ug/l	12/17/96	1461397
	DUP OF	1461397	B036	Hexachloroethane	< 10		ug/l	12/17/96	1461399
			B037	Indeno (1,2,3-cd) pyrene	< 10		ug/l	12/17/96	1461397
	DUP OF	1461397	B037	Indeno (1,2,3-cd) pyrene	< 10		ug/l	12/17/96	1461399
			B038	Isophorone	< 10		ug/l	12/17/96	1461397
	DUP OF	1461397	B038	Isophorone	< 10		ug/l	12/17/96	1461399
			B039	Naphthalene	< 10		ug/l	12/17/96	1461397
	DUP OF	1461397	B039	Naphthalene	< 10		ug/l	12/17/96	1461399
			B040	Nitrobenzene	< 10		ug/l	12/17/96	1461397
	DUP OF	1461397	B040	Nitrobenzene	< 10		ug/l	12/17/96	1461399
			B042	N-Nitroso-di-n-propylamine	< 10		ug/l	12/17/96	1461397
	DUP OF	1461397	B042	N-Nitroso-di-n-propylamine	< 10		ug/l	12/17/96	1461399
			B043	N-Nitrosodiphenylamine (1)	2	J	ug/l	12/17/96	1461397

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Groundwater Analytical Results
Semivolatile Organic Compounds
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID		Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
GW-79-S									
				Base/Neutral Organics					
	DUP OF	1461397	B043	N-Nitrosodiphenylamine (1)	1	J	ug/l	12/17/96	1461399
			B044	Phenanthrene	< 10		ug/l	12/17/96	1461397
	DUP OF	1461397	B044	Phenanthrene	< 10		ug/l	12/17/96	1461399
			B045	Pyrene	< 10		ug/l	12/17/96	1461397
	DUP OF	1461397	B045	Pyrene	< 10		ug/l	12/17/96	1461399
			B046	1,2,4-Trichlorobenzene	< 10		ug/l	12/17/96	1461397
	DUP OF	1461397	B046	1,2,4-Trichlorobenzene	< 10		ug/l	12/17/96	1461399
			B051	Benzyl Alcohol	< 10		ug/l	12/17/96	1461397
	DUP OF	1461397	B051	Benzyl Alcohol	< 10		ug/l	12/17/96	1461399
			B052	4-Chloroaniline	< 10		ug/l	12/17/96	1461397
	DUP OF	1461397	B052	4-Chloroaniline	< 10		ug/l	12/17/96	1461399
			B053	Dibenzofuran	< 10		ug/l	12/17/96	1461397
	DUP OF	1461397	B053	Dibenzofuran	< 10		ug/l	12/17/96	1461399
			B054	2-Methylnaphthalene	< 10		ug/l	12/17/96	1461397
	DUP OF	1461397	B054	2-Methylnaphthalene	< 10		ug/l	12/17/96	1461399
			B055	2-Nitroaniline	< 50		ug/l	12/17/96	1461397
	DUP OF	1461397	B055	2-Nitroaniline	< 50		ug/l	12/17/96	1461399
			B056	3-Nitroaniline	< 50		ug/l	12/17/96	1461397
	DUP OF	1461397	B056	3-Nitroaniline	< 50		ug/l	12/17/96	1461399
			B057	4-Nitroaniline	< 20		ug/l	12/17/96	1461397
	DUP OF	1461397	B057	4-Nitroaniline	< 20		ug/l	12/17/96	1461399
			B058	bis(2-Chloroisopropyl)ether	< 10		ug/l	12/17/96	1461397
	DUP OF	1461397	B058	bis(2-Chloroisopropyl)ether	< 10		ug/l	12/17/96	1461399
GW-80-BR									
				Acid Extractable Organics					
			A002	2-Chlorophenol	< 10		ug/l	10/19/95	1460597
			A003	2,4-Dichlorophenol	< 10		ug/l	10/19/95	1460597
			A004	2,4-Dimethylphenol	9	Jj	ug/l	10/19/95	1460597
			A006	4,6-Dinitro-2-methylphenol	< 25		ug/l	10/19/95	1460597
			A007	2,4-Dinitrophenol	< 25		ug/l	10/19/95	1460597
			A008	2-Nitrophenol	< 10		ug/l	10/19/95	1460597
			A009	4-Nitrophenol	< 25		ug/l	10/19/95	1460597
			A011	Pentachlorophenol	< 25		ug/l	10/19/95	1460597
			A012	Phenol	< 10	Ju	ug/l	10/19/95	1460597
			A013	2,4,6-Trichlorophenol	< 10		ug/l	10/19/95	1460597
			A013	2,4,6-Trichlorophenol	< 10		ug/l	10/19/95	1460597
			A015	2-Methylphenol (o-Cresol)	18	j	ug/l	10/19/95	1460597
			A016	4-Methylphenol(p-Cresol)	70	j	ug/l	10/19/95	1460597
			A020	4-Chloro-3-methylphenol	4	Jj	ug/l	10/19/95	1460597
				Base/Neutral Organics					
			B001	Acenaphthene	< 10		ug/l	10/19/95	1460597
			B002	Acenaphthylene	< 10		ug/l	10/19/95	1460597
			B003	Anthracene	< 10		ug/l	10/19/95	1460597
			B005	Benzo(a)anthracene	< 10	uj	ug/l	10/19/95	1460597
			B006	Benzo(a)Pyrene	< 10	uj	ug/l	10/19/95	1460597
			B007	Benzo(b)fluoranthene	< 10	uj	ug/l	10/19/95	1460597
			B008	Benzo(k)fluoranthene	< 10	uj	ug/l	10/19/95	1460597
			B010	Benzo(g,h,i)perylene	< 10	uj	ug/l	10/19/95	1460597
			B011	bis(2-Chloroethoxy)methane	< 10		ug/l	10/19/95	1460597
			B012	bis(2-Chloroethyl)ether	< 10		ug/l	10/19/95	1460597
			B013	bis(2-EthylHexyl)phthalate	< 10	JBu	ug/l	10/19/95	1460597
			B014	4-Bromophenyl-phenylether	< 10		ug/l	10/19/95	1460597
			B015	Butylbenzylphthalate	< 10	uj	ug/l	10/19/95	1460597
			B016	2-Chloronaphthalene	< 10		ug/l	10/19/95	1460597
			B017	4-Chlorophenyl-phenylether	< 10		ug/l	10/19/95	1460597
			B018	Chrysene	< 10	uj	ug/l	10/19/95	1460597
			B019	Dibenzo(a,h)anthracene	< 10	uj	ug/l	10/19/95	1460597
			B020	1,2-Dichlorobenzene	770		ug/l	10/19/95	1460597

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Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
GW-80-BR								
			Base/Neutral Organics					
		B021	1,3-Dichlorobenzene	4	Jj	ug/l	10/19/95	1460597
		B022	1,4-Dichlorobenzene	38		ug/l	10/19/95	1460597
		B023	3,3'-Dichlorobenzidine	< 10	uj	ug/l	10/19/95	1460597
		B024	Diethylphthalate	< 10		ug/l	10/19/95	1460597
		B025	Dimethylphthalate	< 10		ug/l	10/19/95	1460597
		B026	Di-n-butylphthalate	< 10		ug/l	10/19/95	1460597
		B027	2,4-Dinitrotoluene	< 10		ug/l	10/19/95	1460597
		B028	2,6-Dinitrotoluene	< 10		ug/l	10/19/95	1460597
		B029	Di-n-octylphthalate	< 10	uj	ug/l	10/19/95	1460597
		B031	Fluoranthene	< 10		ug/l	10/19/95	1460597
		B032	Fluorene	< 10		ug/l	10/19/95	1460597
		B033	Hexachlorobenzene	< 10		ug/l	10/19/95	1460597
		B034	Hexachlorobutadiene	< 10		ug/l	10/19/95	1460597
		B035	Hexachlorocyclopentadiene	< 10		ug/l	10/19/95	1460597
		B036	Hexachloroethane	< 10		ug/l	10/19/95	1460597
		B037	Indeno (1,2,3-cd) pyrene	< 10	uj	ug/l	10/19/95	1460597
		B038	Isophorone	< 10		ug/l	10/19/95	1460597
		B039	Naphthalene	13		ug/l	10/19/95	1460597
		B039	Naphthalene	13		ug/l	10/19/95	1460597
		B040	Nitrobenzene	< 10		ug/l	10/19/95	1460597
		B043	N-Nitrosodiphenylamine (1)	< 10		ug/l	10/19/95	1460597
		B044	Phenanthrene	< 10		ug/l	10/19/95	1460597
		B045	Pyrene	< 10	uj	ug/l	10/19/95	1460597
		B046	1,2,4-Trichlorobenzene	20		ug/l	10/19/95	1460597
		B052	4-Chloroaniline	< 10		ug/l	10/19/95	1460597
		B053	Dibenzofuran	< 10		ug/l	10/19/95	1460597
		B054	2-Methylnaphthalene	< 10		ug/l	10/19/95	1460597
		B055	2-Nitroaniline	< 25		ug/l	10/19/95	1460597
		B056	3-Nitroaniline	< 25		ug/l	10/19/95	1460597
		B057	4-Nitroaniline	< 25		ug/l	10/19/95	1460597
		B058	bis(2-Chloroisopropyl)ether	< 10		ug/l	10/19/95	1460597
		B180	Carbazole	< 10		ug/l	10/19/95	1460597
GW-80-D								
			Acid Extractable Organics					
		A002	2-Chlorophenol	< 10		ug/l	10/19/95	1460596
		A003	2,4-Dichlorophenol	< 10		ug/l	10/19/95	1460596
		A004	2,4-Dimethylphenol	12		ug/l	10/19/95	1460596
		A006	4,6-Dinitro-2-methylphenol	< 25		ug/l	10/19/95	1460596
		A007	2,4-Dinitrophenol	< 25		ug/l	10/19/95	1460596
		A008	2-Nitrophenol	< 10		ug/l	10/19/95	1460596
		A009	4-Nitrophenol	< 25		ug/l	10/19/95	1460596
		A011	Pentachlorophenol	< 25		ug/l	10/19/95	1460596
		A012	Phenol	< 10	Ju	ug/l	10/19/95	1460596
		A013	2,4,6-Trichlorophenol	< 10		ug/l	10/19/95	1460596
		A014	2,4,5-Trichlorophenol	< 25		ug/l	10/19/95	1460596
		A015	2-Methylphenol (o-Cresol)	17		ug/l	10/19/95	1460596
		A016	4-Methylphenol(p-Cresol)	63	j	ug/l	10/19/95	1460596
		A020	4-Chloro-3-methylphenol	21		ug/l	10/19/95	1460596
			Base/Neutral Organics					
		B001	Acenaphthene	< 10		ug/l	10/19/95	1460596
		B002	Acenaphthylene	< 10		ug/l	10/19/95	1460596
		B003	Anthracene	< 10		ug/l	10/19/95	1460596
		B005	Benzo(a)anthracene	< 10		ug/l	10/19/95	1460596
		B006	Benzo(a)Pyrene	< 10		ug/l	10/19/95	1460596
		B007	Benzo(b)fluoranthene	< 10		ug/l	10/19/95	1460596
		B008	Benzo(k)fluoranthene	< 10		ug/l	10/19/95	1460596
		B010	Benzo(g,h,i)perylene	< 10		ug/l	10/19/95	1460596
		B011	bis(2-Chloroethoxy)methane	< 10		ug/l	10/19/95	1460596

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Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
GW-80-D								
			Base/Neutral Organics					
		B012	bis(2-Chloroethyl)ether	< 10		ug/l	10/19/95	1460596
		B013	bis(2-EthylHexyl)phthalate	< 10	JBu	ug/l	10/19/95	1460596
		B014	4-Bromophenyl-phenylether	< 10		ug/l	10/19/95	1460596
		B015	Butylbenzylphthalate	< 10		ug/l	10/19/95	1460596
		B016	2-Chloronaphthalene	< 10		ug/l	10/19/95	1460596
		B017	4-Chlorophenyl-phenylether	< 10		ug/l	10/19/95	1460596
		B018	Chrysene	< 10		ug/l	10/19/95	1460596
		B019	Dibenzo(a,h)anthracene	< 10		ug/l	10/19/95	1460596
		B020	1,2-Dichlorobenzene	290		ug/l	10/19/95	1460596
		B021	1,3-Dichlorobenzene	2	Jj	ug/l	10/19/95	1460596
		B022	1,4-Dichlorobenzene	18		ug/l	10/19/95	1460596
		B023	3,3'-Dichlorobenzidine	< 10		ug/l	10/19/95	1460596
		B024	Diethylphthalate	< 10		ug/l	10/19/95	1460596
		B025	Dimethylphthalate	< 10		ug/l	10/19/95	1460596
		B026	Di-n-butylphthalate	< 10		ug/l	10/19/95	1460596
		B027	2,4-Dinitrotoluene	< 10		ug/l	10/19/95	1460596
		B028	2,6-Dinitrotoluene	< 10		ug/l	10/19/95	1460596
		B029	Di-n-octylphthalate	< 10		ug/l	10/19/95	1460596
		B031	Fluoranthene	< 10		ug/l	10/19/95	1460596
		B032	Fluorene	< 10		ug/l	10/19/95	1460596
		B033	Hexachlorobenzene	< 10		ug/l	10/19/95	1460596
		B034	Hexachlorobutadiene	< 10		ug/l	10/19/95	1460596
		B035	Hexachlorocyclopentadiene	< 10		ug/l	10/19/95	1460596
		B036	Hexachloroethane	< 10		ug/l	10/19/95	1460596
		B037	Indeno (1,2,3-cd) pyrene	< 10		ug/l	10/19/95	1460596
		B038	Isophorone	< 10		ug/l	10/19/95	1460596
		B039	Naphthalene	27		ug/l	10/19/95	1460596
		B040	Nitrobenzene	< 10		ug/l	10/19/95	1460596
		B042	N-Nitroso-di-n-propylamine	< 10		ug/l	10/19/95	1460596
		B043	N-Nitrosodiphenylamine (1)	< 10		ug/l	10/19/95	1460596
		B044	Phenanthrene	< 10		ug/l	10/19/95	1460596
		B045	Pyrene	< 10		ug/l	10/19/95	1460596
		B046	1,2,4-Trichlorobenzene	8	Jj	ug/l	10/19/95	1460596
		B052	4-Chloroaniline	< 10		ug/l	10/19/95	1460596
		B053	Dibenzofuran	< 10		ug/l	10/19/95	1460596
		B054	2-Methylnaphthalene	< 10		ug/l	10/19/95	1460596
		B055	2-Nitroaniline	< 25		ug/l	10/19/95	1460596
		B056	3-Nitroaniline	< 25		ug/l	10/19/95	1460596
		B057	4-Nitroaniline	< 25		ug/l	10/19/95	1460596
		B058	bis(2-Chloroisopropyl)ether	< 10		ug/l	10/19/95	1460596
		B180	Carbazole	< 10		ug/l	10/19/95	1460596
GW-80-S								
			Acid Extractable Organics					
		A002	2-Chlorophenol	< 10		ug/l	10/19/95	1460595
		A003	2,4-Dichlorophenol	< 10		ug/l	10/19/95	1460595
		A004	2,4-Dimethylphenol	25		ug/l	10/19/95	1460595
		A006	4,6-Dinitro-2-methylphenol	< 25		ug/l	10/19/95	1460595
		A007	2,4-Dinitrophenol	< 25		ug/l	10/19/95	1460595
		A008	2-Nitrophenol	< 10		ug/l	10/19/95	1460595
		A009	4-Nitrophenol	< 25		ug/l	10/19/95	1460595
		A011	Pentachlorophenol	< 25		ug/l	10/19/95	1460595
		A012	Phenol	< 82	u	ug/l	10/19/95	1460595
		A013	2,4,6-Trichlorophenol	< 10		ug/l	10/19/95	1460595
		A014	2,4,5-Trichlorophenol	< 25		ug/l	10/19/95	1460595
		A015	2-Methylphenol (o-Cresol)	26		ug/l	10/19/95	1460595
		A016	4-Methylphenol(p-Cresol)	190		ug/l	10/19/95	1460595
		A020	4-Chloro-3-methylphenol	< 10		ug/l	10/19/95	1460595

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Groundwater Analytical Results
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Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
GW-80-S								
			Base/Neutral Organics					
		B001	Acenaphthene	< 10		ug/l	10/19/95	1460595
		B002	Acenaphthylene	< 10		ug/l	10/19/95	1460595
		B003	Anthracene	< 10		ug/l	10/19/95	1460595
		B005	Benzo(a)anthracene	< 10		ug/l	10/19/95	1460595
		B006	Benzo(a)Pyrene	< 10		ug/l	10/19/95	1460595
		B007	Benzo(b)fluoranthene	< 10		ug/l	10/19/95	1460595
		B008	Benzo(k)fluoranthene	< 10		ug/l	10/19/95	1460595
		B010	Benzo(g,h,i)perylene	< 10		ug/l	10/19/95	1460595
		B011	bis(2-Chloroethoxy)methane	< 10		ug/l	10/19/95	1460595
		B012	bis(2-Chloroethyl)ether	< 10	uj	ug/l	10/19/95	1460595
		B013	bis(2-EthylHexyl)phthalate	< 16	Bu	ug/l	10/19/95	1460595
		B014	4-Bromophenyl-phenylether	< 10		ug/l	10/19/95	1460595
		B015	Butylbenzylphthalate	3	Jj	ug/l	10/19/95	1460595
		B016	2-Chloronaphthalene	< 10		ug/l	10/19/95	1460595
		B017	4-Chlorophenyl-phenylether	< 10		ug/l	10/19/95	1460595
		B018	Chrysene	< 10		ug/l	10/19/95	1460595
		B019	Dibenzo(a,h)anthracene	< 10		ug/l	10/19/95	1460595
		B020	1,2-Dichlorobenzene	2	Jj	ug/l	10/19/95	1460595
		B021	1,3-Dichlorobenzene	< 10		ug/l	10/19/95	1460595
		B022	1,4-Dichlorobenzene	< 10		ug/l	10/19/95	1460595
		B023	3,3'-Dichlorobenzidine	< 10		ug/l	10/19/95	1460595
		B024	Diethylphthalate	< 10		ug/l	10/19/95	1460595
		B025	Dimethylphthalate	< 10		ug/l	10/19/95	1460595
		B026	Di-n-butylphthalate	1	Jj	ug/l	10/19/95	1460595
		B027	2,4-Dinitrotoluene	< 10		ug/l	10/19/95	1460595
		B028	2,6-Dinitrotoluene	< 10		ug/l	10/19/95	1460595
		B029	Di-n-octylphthalate	< 10		ug/l	10/19/95	1460595
		B031	Fluoranthene	< 10		ug/l	10/19/95	1460595
		B032	Fluorene	< 10		ug/l	10/19/95	1460595
		B033	Hexachlorobenzene	< 10		ug/l	10/19/95	1460595
		B034	Hexachlorobutadiene	< 10		ug/l	10/19/95	1460595
		B035	Hexachlorocyclopentadiene	< 10		ug/l	10/19/95	1460595
		B036	Hexachloroethane	< 10		ug/l	10/19/95	1460595
		B037	Indeno (1,2,3-cd) pyrene	< 10		ug/l	10/19/95	1460595
		B038	Isophorone	2	Jj	ug/l	10/19/95	1460595
		B039	Naphthalene	4	Jj	ug/l	10/19/95	1460595
		B040	Nitrobenzene	< 10		ug/l	10/19/95	1460595
		B042	N-Nitroso-di-n-propylamine	< 10		ug/l	10/19/95	1460595
		B043	N-Nitrosodiphenylamine (1)	2	j	ug/l	10/19/95	1460595
		B044	Phenanthrene	< 10		ug/l	10/19/95	1460595
		B045	Pyrene	< 10		ug/l	10/19/95	1460595
		B046	1,2,4-Trichlorobenzene	< 10		ug/l	10/19/95	1460595
		B052	4-Chloroaniline	< 10		ug/l	10/19/95	1460595
		B053	Dibenzofuran	< 10		ug/l	10/19/95	1460595
		B054	2-Methylnaphthalene	< 10		ug/l	10/19/95	1460595
		B055	2-Nitroaniline	< 25		ug/l	10/19/95	1460595
		B056	3-Nitroaniline	< 25		ug/l	10/19/95	1460595
		B057	4-Nitroaniline	< 25		ug/l	10/19/95	1460595
		B058	bis(2-Chloroisopropyl)ether	< 10		ug/l	10/19/95	1460595
		B180	Carbazole	< 10		ug/l	10/19/95	1460595
GW-81-BR								
			Acid Extractable Organics					
		A002	2-Chlorophenol	< 10		ug/l	10/19/95	1460601
		A003	2,4-Dichlorophenol	< 10		ug/l	10/19/95	1460601
		A004	2,4-Dimethylphenol	< 10		ug/l	10/19/95	1460601
		A006	4,6-Dinitro-2-methylphenol	< 25		ug/l	10/19/95	1460601
		A007	2,4-Dinitrophenol	< 25		ug/l	10/19/95	1460601
		A008	2-Nitrophenol	< 10		ug/l	10/19/95	1460601

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Groundwater Analytical Results
Semivolatile Organic Compounds
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
GW-81-BR								
			Acid Extractable Organics					
		A009	4-Nitrophenol	< 25		ug/l	10/19/95	1460601
		A011	Pentachlorophenol	< 25		ug/l	10/19/95	1460601
		A012	Phenol	< 10		ug/l	10/19/95	1460601
		A013	2,4,6-Trichlorophenol	< 10		ug/l	10/19/95	1460601
		A014	2,4,5-Trichlorophenol	< 25		ug/l	10/19/95	1460601
		A015	2-Methylphenol (o-Cresol)	< 10		ug/l	10/19/95	1460601
		A016	4-Methylphenol(p-Cresol)	< 10		ug/l	10/19/95	1460601
		A016	4-Methylphenol(p-Cresol)	< 10		ug/l	10/19/95	1460601
		A020	4-Chloro-3-methylphenol	< 10		ug/l	10/19/95	1460601
			Base/Neutral Organics					
		B001	Acenaphthene	< 10		ug/l	10/19/95	1460601
		B002	Acenaphthylene	< 10		ug/l	10/19/95	1460601
		B003	Anthracene	< 10		ug/l	10/19/95	1460601
		B005	Benzo(a)anthracene	< 10		ug/l	10/19/95	1460601
		B006	Benzo(a)Pyrene	< 10		ug/l	10/19/95	1460601
		B007	Benzo(b)fluoranthene	< 10		ug/l	10/19/95	1460601
		B008	Benzo(k)fluoranthene	< 10		ug/l	10/19/95	1460601
		B010	Benzo(g,h,i)perylene	< 10		ug/l	10/19/95	1460601
		B011	bis(2-Chloroethoxy)methane	< 10		ug/l	10/19/95	1460601
		B012	bis(2-Chloroethyl)ether	< 10	uj	ug/l	10/19/95	1460601
		B013	bis(2-EthylHexyl)phthalate	< 10	JBu	ug/l	10/19/95	1460601
		B014	4-Bromophenyl-phenylether	< 10		ug/l	10/19/95	1460601
		B015	Butylbenzylphthalate	< 10		ug/l	10/19/95	1460601
		B016	2-Chloronaphthalene	< 10		ug/l	10/19/95	1460601
		B017	4-Chlorophenyl-phenylether	< 10		ug/l	10/19/95	1460601
		B018	Chrysene	< 10		ug/l	10/19/95	1460601
		B019	Dibenzo(a,h)anthracene	< 10		ug/l	10/19/95	1460601
		B020	1,2-Dichlorobenzene	< 10		ug/l	10/19/95	1460601
		B021	1,3-Dichlorobenzene	< 10		ug/l	10/19/95	1460601
		B022	1,4-Dichlorobenzene	< 10		ug/l	10/19/95	1460601
		B023	3,3'-Dichlorobenzidine	< 10		ug/l	10/19/95	1460601
		B024	Diethylphthalate	1	Jj	ug/l	10/19/95	1460601
		B025	Dimethylphthalate	< 10		ug/l	10/19/95	1460601
		B026	Di-n-butylphthalate	1	Jj	ug/l	10/19/95	1460601
		B027	2,4-Dinitrotoluene	< 10		ug/l	10/19/95	1460601
		B028	2,6-Dinitrotoluene	< 10		ug/l	10/19/95	1460601
		B029	Di-n-octylphthalate	< 10		ug/l	10/19/95	1460601
		B031	Fluoranthene	< 10		ug/l	10/19/95	1460601
		B032	Fluorene	< 10		ug/l	10/19/95	1460601
		B033	Hexachlorobenzene	< 10		ug/l	10/19/95	1460601
		B034	Hexachlorobutadiene	< 10		ug/l	10/19/95	1460601
		B035	Hexachlorocyclopentadiene	< 10		ug/l	10/19/95	1460601
		B036	Hexachloroethane	< 10		ug/l	10/19/95	1460601
		B037	Indeno (1,2,3-cd) pyrene	< 10		ug/l	10/19/95	1460601
		B038	Isophorone	< 10		ug/l	10/19/95	1460601
		B039	Naphthalene	< 10		ug/l	10/19/95	1460601
		B040	Nitrobenzene	< 10		ug/l	10/19/95	1460601
		B042	N-Nitroso-di-n-propylamine	< 10		ug/l	10/19/95	1460601
		B043	N-Nitrosodiphenylamine (1)	< 10		ug/l	10/19/95	1460601
		B044	Phenanthrene	< 10		ug/l	10/19/95	1460601
		B045	Pyrene	< 10		ug/l	10/19/95	1460601
		B046	1,2,4-Trichlorobenzene	< 10		ug/l	10/19/95	1460601
		B052	4-Chloroaniline	< 10		ug/l	10/19/95	1460601
		B053	Dibenzofuran	< 10		ug/l	10/19/95	1460601
		B054	2-Methylnaphthalene	< 10		ug/l	10/19/95	1460601
		B055	2-Nitroaniline	< 25		ug/l	10/19/95	1460601
		B056	3-Nitroaniline	< 25		ug/l	10/19/95	1460601
		B057	4-Nitroaniline	< 25		ug/l	10/19/95	1460601
		B058	bis(2-Chloroisopropyl)ether	< 10		ug/l	10/19/95	1460601

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Sample Location	Sample ID		Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
GW-81-BR									
				Base/Neutral Organics					
			B180	Carbazole	< 10		ug/l	10/19/95	1460601
GW-81-D									
				Acid Extractable Organics					
			A002	2-Chlorophenol	< 10		ug/l	10/19/95	1460600
	DUP OF	1460600	A002	2-Chlorophenol	< 10		ug/l	10/19/95	1460603
			A003	2,4-Dichlorophenol	< 10		ug/l	10/19/95	1460600
			A004	2,4-Dimethylphenol	< 10		ug/l	10/19/95	1460600
	DUP OF	1460600	A004	2,4-Dimethylphenol	< 10		ug/l	10/19/95	1460603
			A006	4,6-Dinitro-2-methylphenol	< 25		ug/l	10/19/95	1460600
	DUP OF	1460600	A006	4,6-Dinitro-2-methylphenol	< 25		ug/l	10/19/95	1460603
			A007	2,4-Dinitrophenol	< 25		ug/l	10/19/95	1460600
	DUP OF	1460600	A007	2,4-Dinitrophenol	< 25		ug/l	10/19/95	1460603
			A008	2-Nitrophenol	< 10		ug/l	10/19/95	1460600
	DUP OF	1460600	A008	2-Nitrophenol	< 10		ug/l	10/19/95	1460603
			A009	4-Nitrophenol	< 25		ug/l	10/19/95	1460600
	DUP OF	1460600	A009	4-Nitrophenol	< 25		ug/l	10/19/95	1460603
			A011	Pentachlorophenol	< 25		ug/l	10/19/95	1460600
	DUP OF	1460600	A011	Pentachlorophenol	< 25		ug/l	10/19/95	1460603
			A012	Phenol	< 10		ug/l	10/19/95	1460600
	DUP OF	1460600	A012	Phenol	< 10		ug/l	10/19/95	1460603
			A013	2,4,6-Trichlorophenol	< 10		ug/l	10/19/95	1460600
	DUP OF	1460600	A013	2,4,6-Trichlorophenol	< 10		ug/l	10/19/95	1460603
			A014	2,4,5-Trichlorophenol	< 25		ug/l	10/19/95	1460600
	DUP OF	1460600	A014	2,4,5-Trichlorophenol	< 25		ug/l	10/19/95	1460603
			A015	2-Methylphenol (o-Cresol)	< 10		ug/l	10/19/95	1460600
	DUP OF	1460600	A015	2-Methylphenol (o-Cresol)	< 10		ug/l	10/19/95	1460603
			A016	4-Methylphenol(p-Cresol)	< 10		ug/l	10/19/95	1460600
	DUP OF	1460600	A016	4-Methylphenol(p-Cresol)	< 10		ug/l	10/19/95	1460603
			A020	4-Chloro-3-methylphenol	< 10		ug/l	10/19/95	1460600
	DUP OF	1460600	A020	4-Chloro-3-methylphenol	< 10		ug/l	10/19/95	1460603
				Base/Neutral Organics					
			B001	Acenaphthene	< 10		ug/l	10/19/95	1460600
	DUP OF	1460600	B001	Acenaphthene	< 10		ug/l	10/19/95	1460603
			B002	Acenaphthylene	< 10		ug/l	10/19/95	1460600
	DUP OF	1460600	B002	Acenaphthylene	< 10		ug/l	10/19/95	1460603
			B003	Anthracene	< 10		ug/l	10/19/95	1460600
	DUP OF	1460600	B003	Anthracene	< 10		ug/l	10/19/95	1460603
			B005	Benzo(a)anthracene	< 10		ug/l	10/19/95	1460600
	DUP OF	1460600	B005	Benzo(a)anthracene	< 10		ug/l	10/19/95	1460603
			B006	Benzo(a)Pyrene	< 10		ug/l	10/19/95	1460600
	DUP OF	1460600	B006	Benzo(a)Pyrene	< 10		ug/l	10/19/95	1460603
			B007	Benzo(b)fluoranthene	< 10		ug/l	10/19/95	1460600
	DUP OF	1460600	B007	Benzo(b)fluoranthene	< 10		ug/l	10/19/95	1460603
			B008	Benzo(k)fluoranthene	< 10		ug/l	10/19/95	1460600
	DUP OF	1460600	B008	Benzo(k)fluoranthene	< 10		ug/l	10/19/95	1460603
			B010	Benzo(g,h,i)perylene	< 10		ug/l	10/19/95	1460600
	DUP OF	1460600	B010	Benzo(g,h,i)perylene	< 10		ug/l	10/19/95	1460603
			B011	bis(2-Chloroethoxy)methane	< 10		ug/l	10/19/95	1460600
	DUP OF	1460600	B011	bis(2-Chloroethoxy)methane	< 10		ug/l	10/19/95	1460603
			B012	bis(2-Chloroethyl)ether	< 10		ug/l	10/19/95	1460600
	DUP OF	1460600	B012	bis(2-Chloroethyl)ether	< 10	uj	ug/l	10/19/95	1460603
			B013	bis(2-EthylHexyl)phthalate	< 5000	Bu	ug/l	10/19/95	1460600
	DUP OF	1460600	B013	bis(2-EthylHexyl)phthalate	< 10	JBu	ug/l	10/19/95	1460603
			B014	4-Bromophenyl-phenylether	< 10		ug/l	10/19/95	1460600
	DUP OF	1460600	B014	4-Bromophenyl-phenylether	< 10		ug/l	10/19/95	1460603
			B015	Butylbenzylphthalate	< 10		ug/l	10/19/95	1460600
	DUP OF	1460600	B015	Butylbenzylphthalate	< 10		ug/l	10/19/95	1460603
			B016	2-Chloronaphthalene	< 10		ug/l	10/19/95	1460600

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Groundwater Analytical Results
Semivolatile Organic Compounds
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID		Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
GW-81-D				Base/Neutral Organics					
	DUP OF	1460600	B016	2-Chloronaphthalene	< 10		ug/l	10/19/95	1460603
			B017	4-Chlorophenyl-phenylether	< 10		ug/l	10/19/95	1460600
	DUP OF	1460600	B017	4-Chlorophenyl-phenylether	< 10		ug/l	10/19/95	1460603
			B018	Chrysene	< 10		ug/l	10/19/95	1460600
	DUP OF	1460600	B018	Chrysene	< 10		ug/l	10/19/95	1460603
			B019	Dibenzo(a,h)anthracene	< 10		ug/l	10/19/95	1460600
	DUP OF	1460600	B019	Dibenzo(a,h)anthracene	< 10		ug/l	10/19/95	1460603
			B020	1,2-Dichlorobenzene	< 10		ug/l	10/19/95	1460600
	DUP OF	1460600	B020	1,2-Dichlorobenzene	< 10		ug/l	10/19/95	1460603
			B021	1,3-Dichlorobenzene	< 10		ug/l	10/19/95	1460600
	DUP OF	1460600	B021	1,3-Dichlorobenzene	< 10		ug/l	10/19/95	1460603
			B022	1,4-Dichlorobenzene	< 10		ug/l	10/19/95	1460600
	DUP OF	1460600	B022	1,4-Dichlorobenzene	< 10		ug/l	10/19/95	1460603
			B023	3,3'-Dichlorobenzidine	< 10		ug/l	10/19/95	1460600
	DUP OF	1460600	B023	3,3'-Dichlorobenzidine	< 10		ug/l	10/19/95	1460603
			B024	Diethylphthalate	2	Jj	ug/l	10/19/95	1460600
	DUP OF	1460600	B024	Diethylphthalate	< 10		ug/l	10/19/95	1460603
			B025	Dimethylphthalate	< 10		ug/l	10/19/95	1460600
	DUP OF	1460600	B025	Dimethylphthalate	< 10		ug/l	10/19/95	1460603
			B026	Di-n-butylphthalate	1	Jj	ug/l	10/19/95	1460600
	DUP OF	1460600	B026	Di-n-butylphthalate	< 10		ug/l	10/19/95	1460603
			B027	2,4-Dinitrotoluene	< 10		ug/l	10/19/95	1460600
	DUP OF	1460600	B027	2,4-Dinitrotoluene	< 10		ug/l	10/19/95	1460603
			B028	2,6-Dinitrotoluene	< 10		ug/l	10/19/95	1460600
	DUP OF	1460600	B028	2,6-Dinitrotoluene	< 10		ug/l	10/19/95	1460603
			B029	Di-n-octylphthalate	18	j	ug/l	10/19/95	1460600
	DUP OF	1460600	B029	Di-n-octylphthalate	< 10	uj	ug/l	10/19/95	1460603
			B031	Fluoranthene	< 10		ug/l	10/19/95	1460600
	DUP OF	1460600	B031	Fluoranthene	< 10		ug/l	10/19/95	1460603
			B032	Fluorene	< 10		ug/l	10/19/95	1460600
	DUP OF	1460600	B032	Fluorene	< 10		ug/l	10/19/95	1460603
			B033	Hexachlorobenzene	< 10		ug/l	10/19/95	1460600
	DUP OF	1460600	B033	Hexachlorobenzene	< 10		ug/l	10/19/95	1460603
			B034	Hexachlorobutadiene	< 10		ug/l	10/19/95	1460600
	DUP OF	1460600	B034	Hexachlorobutadiene	< 10		ug/l	10/19/95	1460603
			B035	Hexachlorocyclopentadiene	< 10		ug/l	10/19/95	1460600
	DUP OF	1460600	B035	Hexachlorocyclopentadiene	< 10		ug/l	10/19/95	1460603
			B036	Hexachloroethane	< 10		ug/l	10/19/95	1460600
	DUP OF	1460600	B036	Hexachloroethane	< 10		ug/l	10/19/95	1460603
			B037	Indeno (1,2,3-cd) pyrene	< 10		ug/l	10/19/95	1460600
	DUP OF	1460600	B037	Indeno (1,2,3-cd) pyrene	< 10		ug/l	10/19/95	1460603
			B038	Isophorone	< 10		ug/l	10/19/95	1460600
	DUP OF	1460600	B038	Isophorone	< 10		ug/l	10/19/95	1460603
			B039	Naphthalene	< 10		ug/l	10/19/95	1460600
	DUP OF	1460600	B039	Naphthalene	< 10		ug/l	10/19/95	1460603
			B040	Nitrobenzene	< 10		ug/l	10/19/95	1460600
	DUP OF	1460600	B040	Nitrobenzene	< 10		ug/l	10/19/95	1460603
			B042	N-Nitroso-di-n-propylamine	< 10		ug/l	10/19/95	1460600
	DUP OF	1460600	B042	N-Nitroso-di-n-propylamine	< 10		ug/l	10/19/95	1460603
			B043	N-Nitrosodiphenylamine (1)	< 10		ug/l	10/19/95	1460600
	DUP OF	1460600	B043	N-Nitrosodiphenylamine (1)	< 10		ug/l	10/19/95	1460603
			B044	Phenanthrene	< 10		ug/l	10/19/95	1460600
	DUP OF	1460600	B044	Phenanthrene	< 10		ug/l	10/19/95	1460603
			B045	Pyrene	< 10		ug/l	10/19/95	1460600
	DUP OF	1460600	B045	Pyrene	< 10		ug/l	10/19/95	1460603
			B046	1,2,4-Trichlorobenzene	< 10		ug/l	10/19/95	1460600
	DUP OF	1460600	B046	1,2,4-Trichlorobenzene	< 10		ug/l	10/19/95	1460603
			B052	4-Chloroaniline	< 10		ug/l	10/19/95	1460600
	DUP OF	1460600	B052	4-Chloroaniline	< 10		ug/l	10/19/95	1460603

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Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID		Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
GW-81-D									
				Base/Neutral Organics					
			B053	Dibenzofuran	< 10		ug/l	10/19/95	1460600
	DUP OF	1460600	B053	Dibenzofuran	< 10		ug/l	10/19/95	1460603
			B054	2-Methylnaphthalene	< 10		ug/l	10/19/95	1460600
	DUP OF	1460600	B054	2-Methylnaphthalene	< 10		ug/l	10/19/95	1460603
			B055	2-Nitroaniline	< 25		ug/l	10/19/95	1460600
	DUP OF	1460600	B055	2-Nitroaniline	< 25		ug/l	10/19/95	1460603
			B056	3-Nitroaniline	< 25		ug/l	10/19/95	1460600
	DUP OF	1460600	B056	3-Nitroaniline	< 25		ug/l	10/19/95	1460603
			B057	4-Nitroaniline	< 25		ug/l	10/19/95	1460600
	DUP OF	1460600	B057	4-Nitroaniline	< 25		ug/l	10/19/95	1460603
			B058	bis(2-Chloroisopropyl)ether	< 10		ug/l	10/19/95	1460600
	DUP OF	1460600	B058	bis(2-Chloroisopropyl)ether	< 10		ug/l	10/19/95	1460603
			B180	Carbazole	< 10		ug/l	10/19/95	1460600
	DUP OF	1460600	B180	Carbazole	< 10		ug/l	10/19/95	1460603
GW-82-D									
				Acid Extractable Organics					
			A001	Benzoic Acid	< 50		ug/l	10/25/96	1461293
			A002	2-Chlorophenol	< 10		ug/l	10/25/96	1461293
			A003	2,4-Dichlorophenol	< 10		ug/l	10/25/96	1461293
			A004	2,4-Dimethylphenol	< 10		ug/l	10/25/96	1461293
			A006	4,6-Dinitro-2-methylphenol	< 50		ug/l	10/25/96	1461293
			A007	2,4-Dinitrophenol	< 50		ug/l	10/25/96	1461293
			A008	2-Nitrophenol	< 10		ug/l	10/25/96	1461293
			A009	4-Nitrophenol	< 50		ug/l	10/25/96	1461293
			A011	Pentachlorophenol	< 50		ug/l	10/25/96	1461293
			A012	Phenol	< 10		ug/l	10/25/96	1461293
			A013	2,4,6-Trichlorophenol	< 10		ug/l	10/25/96	1461293
			A014	2,4,5-Trichlorophenol	< 50		ug/l	10/25/96	1461293
			A015	2-Methylphenol (o-Cresol)	< 10		ug/l	10/25/96	1461293
			A016	4-Methylphenol(p-Cresol)	< 10		ug/l	10/25/96	1461293
			A020	4-Chloro-3-methylphenol	< 10		ug/l	10/25/96	1461293
				Base/Neutral Organics					
			B001	Acenaphthene	< 10		ug/l	10/25/96	1461293
			B002	Acenaphthylene	< 10		ug/l	10/25/96	1461293
			B003	Anthracene	< 10		ug/l	10/25/96	1461293
			B005	Benzo(a)anthracene	< 10		ug/l	10/25/96	1461293
			B006	Benzo(a)Pyrene	< 10		ug/l	10/25/96	1461293
			B007	Benzo(b)fluoranthene	< 10		ug/l	10/25/96	1461293
			B008	Benzo(k)fluoranthene	< 10		ug/l	10/25/96	1461293
			B010	Benzo(g,h,i)perylene	< 10		ug/l	10/25/96	1461293
			B011	bis(2-Chloroethoxy)methane	< 10		ug/l	10/25/96	1461293
			B012	bis(2-Chloroethyl)ether	< 10		ug/l	10/25/96	1461293
			B013	bis(2-EthylHexyl)phthalate	1	JB	ug/l	10/25/96	1461293
			B014	4-Bromophenyl-phenylether	< 10		ug/l	10/25/96	1461293
			B015	Butylbenzylphthalate	< 10		ug/l	10/25/96	1461293
			B016	2-Chloronaphthalene	< 10		ug/l	10/25/96	1461293
			B017	4-Chlorophenyl-phenylether	< 10		ug/l	10/25/96	1461293
			B018	Chrysene	< 10		ug/l	10/25/96	1461293
			B019	Dibenzo(a,h)anthracene	< 10		ug/l	10/25/96	1461293
			B020	1,2-Dichlorobenzene	< 10		ug/l	10/25/96	1461293
			B021	1,3-Dichlorobenzene	< 10		ug/l	10/25/96	1461293
			B022	1,4-Dichlorobenzene	< 10		ug/l	10/25/96	1461293
			B023	3,3'-Dichlorobenzidine	< 20		ug/l	10/25/96	1461293
			B024	Diethylphthalate	0.6	JB	ug/l	10/25/96	1461293
			B025	Dimethylphthalate	< 10		ug/l	10/25/96	1461293
			B026	Di-n-butylphthalate	0.3	JB	ug/l	10/25/96	1461293
			B027	2,4-Dinitrotoluene	< 10		ug/l	10/25/96	1461293
			B028	2,6-Dinitrotoluene	< 10		ug/l	10/25/96	1461293

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TABLE 2-20
Groundwater Analytical Results
Semivolatile Organic Compounds
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
GW-82-D								
			Base/Neutral Organics					
		B029	Di-n-octylphthalate	< 10		ug/l	10/25/96	1461293
		B031	Fluoranthene	< 10		ug/l	10/25/96	1461293
		B032	Fluorene	< 10		ug/l	10/25/96	1461293
		B033	Hexachlorobenzene	< 10		ug/l	10/25/96	1461293
		B034	Hexachlorobutadiene	< 10		ug/l	10/25/96	1461293
		B035	Hexachlorocyclopentadiene	< 10		ug/l	10/25/96	1461293
		B036	Hexachloroethane	< 10		ug/l	10/25/96	1461293
		B037	Indeno (1,2,3-cd) pyrene	< 10		ug/l	10/25/96	1461293
		B038	Isophorone	< 10		ug/l	10/25/96	1461293
		B039	Naphthalene	< 10		ug/l	10/25/96	1461293
		B040	Nitrobenzene	< 10		ug/l	10/25/96	1461293
		B042	N-Nitroso-di-n-propylamine	< 10		ug/l	10/25/96	1461293
		B043	N-Nitrosodiphenylamine (1)	< 10		ug/l	10/25/96	1461293
		B044	Phenanthrene	< 10		ug/l	10/25/96	1461293
		B045	Pyrene	< 10		ug/l	10/25/96	1461293
		B046	1,2,4-Trichlorobenzene	< 10		ug/l	10/25/96	1461293
		B051	Benzyl Alcohol	< 10		ug/l	10/25/96	1461293
		B052	4-Chloroaniline	< 10		ug/l	10/25/96	1461293
		B053	Dibenzofuran	< 10		ug/l	10/25/96	1461293
		B054	2-Methylnaphthalene	< 10		ug/l	10/25/96	1461293
		B055	2-Nitroaniline	< 50		ug/l	10/25/96	1461293
		B056	3-Nitroaniline	< 50		ug/l	10/25/96	1461293
		B057	4-Nitroaniline	< 20		ug/l	10/25/96	1461293
		B058	bis(2-Chloroisopropyl)ether	< 10		ug/l	10/25/96	1461293
GW-82-S								
			Acid Extractable Organics					
		A001	Benzoic Acid	< 50		ug/l	10/25/96	1461294
		A002	2-Chlorophenol	< 10		ug/l	10/25/96	1461294
		A003	2,4-Dichlorophenol	< 10		ug/l	10/25/96	1461294
		A004	2,4-Dimethylphenol	< 10		ug/l	10/25/96	1461294
		A006	4,6-Dinitro-2-methylphenol	< 50		ug/l	10/25/96	1461294
		A007	2,4-Dinitrophenol	< 50		ug/l	10/25/96	1461294
		A008	2-Nitrophenol	< 10		ug/l	10/25/96	1461294
		A009	4-Nitrophenol	< 50		ug/l	10/25/96	1461294
		A011	Pentachlorophenol	< 50		ug/l	10/25/96	1461294
		A012	Phenol	< 10		ug/l	10/25/96	1461294
		A013	2,4,6-Trichlorophenol	< 10		ug/l	10/25/96	1461294
		A014	2,4,5-Trichlorophenol	< 50		ug/l	10/25/96	1461294
		A015	2-Methylphenol (o-Cresol)	< 10		ug/l	10/25/96	1461294
		A016	4-Methylphenol(p-Cresol)	< 10		ug/l	10/25/96	1461294
		A020	4-Chloro-3-methylphenol	< 10		ug/l	10/25/96	1461294
			Base/Neutral Organics					
		B001	Acenaphthene	< 10		ug/l	10/25/96	1461294
		B002	Acenaphthylene	< 10		ug/l	10/25/96	1461294
		B003	Anthracene	< 10		ug/l	10/25/96	1461294
		B005	Benzo(a)anthracene	< 10		ug/l	10/25/96	1461294
		B006	Benzo(a)Pyrene	< 10		ug/l	10/25/96	1461294
		B007	Benzo(b)fluoranthene	< 10		ug/l	10/25/96	1461294
		B008	Benzo(k)fluoranthene	< 10		ug/l	10/25/96	1461294
		B010	Benzo(g,h,i)perylene	< 10		ug/l	10/25/96	1461294
		B011	bis(2-Chloroethoxy)methane	< 10		ug/l	10/25/96	1461294
		B012	bis(2-Chloroethyl)ether	< 10		ug/l	10/25/96	1461294
		B013	bis(2-EthylHexyl)phthalate	2	JB	ug/l	10/25/96	1461294
		B014	4-Bromophenyl-phenylether	< 10		ug/l	10/25/96	1461294
		B015	Butylbenzylphthalate	< 10		ug/l	10/25/96	1461294
		B016	2-Chloronaphthalene	< 10		ug/l	10/25/96	1461294
		B017	4-Chlorophenyl-phenylether	< 10		ug/l	10/25/96	1461294
		B018	Chrysene	< 10		ug/l	10/25/96	1461294

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TABLE 2-20
Groundwater Analytical Results
Semivolatile Organic Compounds
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
GW-82-S								
			Base/Neutral Organics					
		B019	Dibenzo(a,h)anthracene	< 10		ug/l	10/25/96	1461294
		B020	1,2-Dichlorobenzene	< 10		ug/l	10/25/96	1461294
		B021	1,3-Dichlorobenzene	< 10		ug/l	10/25/96	1461294
		B022	1,4-Dichlorobenzene	< 10		ug/l	10/25/96	1461294
		B023	3,3'-Dichlorobenzidine	< 20		ug/l	10/25/96	1461294
		B024	Diethylphthalate	0.6	JB	ug/l	10/25/96	1461294
		B025	Dimethylphthalate	< 10		ug/l	10/25/96	1461294
		B026	Di-n-butylphthalate	0.3	JB	ug/l	10/25/96	1461294
		B026	Di-n-butylphthalate	0.3	JB	ug/l	10/25/96	1461294
		B027	2,4-Dinitrotoluene	< 10		ug/l	10/25/96	1461294
		B028	2,6-Dinitrotoluene	< 10		ug/l	10/25/96	1461294
		B029	Di-n-octylphthalate	< 10		ug/l	10/25/96	1461294
		B031	Fluoranthene	< 10		ug/l	10/25/96	1461294
		B032	Fluorene	< 10		ug/l	10/25/96	1461294
		B033	Hexachlorobenzene	< 10		ug/l	10/25/96	1461294
		B034	Hexachlorobutadiene	< 10		ug/l	10/25/96	1461294
		B035	Hexachlorocyclopentadiene	< 10		ug/l	10/25/96	1461294
		B036	Hexachloroethane	< 10		ug/l	10/25/96	1461294
		B037	Indeno (1,2,3-cd) pyrene	< 10		ug/l	10/25/96	1461294
		B038	Isophorone	< 10		ug/l	10/25/96	1461294
		B039	Naphthalene	< 10		ug/l	10/25/96	1461294
		B040	Nitrobenzene	< 10		ug/l	10/25/96	1461294
		B042	N-Nitroso-di-n-propylamine	< 10		ug/l	10/25/96	1461294
		B043	N-Nitrosodiphenylamine (1)	< 10		ug/l	10/25/96	1461294
		B044	Phenanthrene	< 10		ug/l	10/25/96	1461294
		B046	1,2,4-Trichlorobenzene	< 10		ug/l	10/25/96	1461294
		B051	Benzyl Alcohol	< 10		ug/l	10/25/96	1461294
		B052	4-Chloroaniline	< 10		ug/l	10/25/96	1461294
		B053	Dibenzofuran	< 10		ug/l	10/25/96	1461294
		B054	2-Methylnaphthalene	< 10		ug/l	10/25/96	1461294
		B055	2-Nitroaniline	< 50		ug/l	10/25/96	1461294
		B056	3-Nitroaniline	< 50		ug/l	10/25/96	1461294
		B057	4-Nitroaniline	< 20		ug/l	10/25/96	1461294
		B058	bis(2-Chloroisopropyl)ether	< 10		ug/l	10/25/96	1461294
GW-83-D								
			Acid Extractable Organics					
		A001	Benzoic Acid	< 50		ug/l	10/26/96	1461295
		A002	2-Chlorophenol	1	J	ug/l	10/26/96	1461295
		A003	2,4-Dichlorophenol	1	J	ug/l	10/26/96	1461295
		A004	2,4-Dimethylphenol	< 10		ug/l	10/26/96	1461295
		A006	4,6-Dinitro-2-methylphenol	< 50		ug/l	10/26/96	1461295
		A007	2,4-Dinitrophenol	< 50		ug/l	10/26/96	1461295
		A008	2-Nitrophenol	< 10		ug/l	10/26/96	1461295
		A009	4-Nitrophenol	5	J	ug/l	10/26/96	1461295
		A011	Pentachlorophenol	< 50		ug/l	10/26/96	1461295
		A012	Phenol	63		ug/l	10/26/96	1461295
		A013	2,4,6-Trichlorophenol	< 10		ug/l	10/26/96	1461295
		A014	2,4,5-Trichlorophenol	< 50		ug/l	10/26/96	1461295
		A015	2-Methylphenol (o-Cresol)	2	J	ug/l	10/26/96	1461295
		A016	4-Methylphenol(p-Cresol)	2	J	ug/l	10/26/96	1461295
		A020	4-Chloro-3-methylphenol	< 10		ug/l	10/26/96	1461295
			Base/Neutral Organics					
		B001	Acenaphthene	< 10		ug/l	10/26/96	1461295
		B002	Acenaphthylene	< 10		ug/l	10/26/96	1461295
		B003	Anthracene	< 10		ug/l	10/26/96	1461295
		B005	Benzo(a)anthracene	< 10		ug/l	10/26/96	1461295
		B006	Benzo(a)Pyrene	< 10		ug/l	10/26/96	1461295
		B007	Benzo(b)fluoranthene	< 10		ug/l	10/26/96	1461295

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TABLE 2-20
Groundwater Analytical Results
Semivolatile Organic Compounds
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
GW-83-D								
			Base/Neutral Organics					
		B008	Benzo(k)fluoranthene	< 10		ug/l	10/26/96	1461295
		B010	Benzo(g,h,i)perylene	< 10		ug/l	10/26/96	1461295
		B011	bis(2-Chloroethoxy)methane	< 10		ug/l	10/26/96	1461295
		B012	bis(2-Chloroethyl)ether	< 10		ug/l	10/26/96	1461295
		B013	bis(2-EthylHexyl)phthalate	0.2	JB	ug/l	10/26/96	1461295
		B014	4-Bromophenyl-phenylether	< 10		ug/l	10/26/96	1461295
		B015	Butylbenzylphthalate	< 10		ug/l	10/26/96	1461295
		B016	2-Chloronaphthalene	< 10		ug/l	10/26/96	1461295
		B017	4-Chlorophenyl-phenylether	< 10		ug/l	10/26/96	1461295
		B018	Chrysene	< 10		ug/l	10/26/96	1461295
		B019	Dibenzo(a,h)anthracene	< 10		ug/l	10/26/96	1461295
		B020	1,2-Dichlorobenzene	0.3	J	ug/l	10/26/96	1461295
		B021	1,3-Dichlorobenzene	< 10		ug/l	10/26/96	1461295
		B022	1,4-Dichlorobenzene	< 10		ug/l	10/26/96	1461295
		B023	3,3'-Dichlorobenzidine	< 20		ug/l	10/26/96	1461295
		B024	Diethylphthalate	0.4	JB	ug/l	10/26/96	1461295
		B025	Dimethylphthalate	0.4	J	ug/l	10/26/96	1461295
		B026	Di-n-butylphthalate	0.3	JB	ug/l	10/26/96	1461295
		B027	2,4-Dinitrotoluene	< 10		ug/l	10/26/96	1461295
		B028	2,6-Dinitrotoluene	< 10		ug/l	10/26/96	1461295
		B029	Di-n-octylphthalate	< 10		ug/l	10/26/96	1461295
		B031	Fluoranthene	< 10		ug/l	10/26/96	1461295
		B032	Fluorene	< 10		ug/l	10/26/96	1461295
		B033	Hexachlorobenzene	< 10		ug/l	10/26/96	1461295
		B034	Hexachlorobutadiene	< 10		ug/l	10/26/96	1461295
		B035	Hexachlorocyclopentadiene	< 10		ug/l	10/26/96	1461295
		B036	Hexachloroethane	< 10		ug/l	10/26/96	1461295
		B037	Indeno (1,2,3-cd) pyrene	< 10		ug/l	10/26/96	1461295
		B038	Isophorone	< 10		ug/l	10/26/96	1461295
		B039	Naphthalene	0.4	J	ug/l	10/26/96	1461295
		B040	Nitrobenzene	< 10		ug/l	10/26/96	1461295
		B042	N-Nitroso-di-n-propylamine	< 10		ug/l	10/26/96	1461295
		B043	N-Nitrosodiphenylamine (1)	< 10		ug/l	10/26/96	1461295
		B044	Phenanthrene	< 10		ug/l	10/26/96	1461295
		B045	Pyrene	< 10		ug/l	10/26/96	1461295
		B046	1,2,4-Trichlorobenzene	< 10		ug/l	10/26/96	1461295
		B051	Benzyl Alcohol	2	J	ug/l	10/26/96	1461295
		B052	4-Chloroaniline	< 10		ug/l	10/26/96	1461295
		B053	Dibenzofuran	< 10		ug/l	10/26/96	1461295
		B054	2-Methylnaphthalene	< 10		ug/l	10/26/96	1461295
		B055	2-Nitroaniline	< 50		ug/l	10/26/96	1461295
		B056	3-Nitroaniline	< 50		ug/l	10/26/96	1461295
		B057	4-Nitroaniline	< 20		ug/l	10/26/96	1461295
		B058	bis(2-Chloroisopropyl)ether	< 10		ug/l	10/26/96	1461295
GW-83-M								
			Acid Extractable Organics					
		A001	Benzoic Acid	< 50		ug/l	10/26/96	1461296
		A002	2-Chlorophenol	< 10		ug/l	10/26/96	1461296
		A003	2,4-Dichlorophenol	< 10		ug/l	10/26/96	1461296
		A004	2,4-Dimethylphenol	< 10		ug/l	10/26/96	1461296
		A006	4,6-Dinitro-2-methylphenol	< 50		ug/l	10/26/96	1461296
		A007	2,4-Dinitrophenol	< 50		ug/l	10/26/96	1461296
		A008	2-Nitrophenol	< 10		ug/l	10/26/96	1461296
		A009	4-Nitrophenol	< 50		ug/l	10/26/96	1461296
		A011	Pentachlorophenol	< 50		ug/l	10/26/96	1461296
		A012	Phenol	< 10		ug/l	10/26/96	1461296
		A013	2,4,6-Trichlorophenol	< 10		ug/l	10/26/96	1461296
		A014	2,4,5-Trichlorophenol	< 50		ug/l	10/26/96	1461296

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TABLE 2-20
Groundwater Analytical Results
Semivolatile Organic Compounds
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
GW-83-M								
			Acid Extractable Organics					
		A015	2-Methylphenol (o-Cresol)	< 10		ug/l	10/26/96	1461296
		A016	4-Methylphenol(p-Cresol)	< 10		ug/l	10/26/96	1461296
		A020	4-Chloro-3-methylphenol	< 10		ug/l	10/26/96	1461296
			Base/Neutral Organics					
		B001	Acenaphthene	< 10		ug/l	10/26/96	1461296
		B002	Acenaphthylene	< 10		ug/l	10/26/96	1461296
		B003	Anthracene	< 10		ug/l	10/26/96	1461296
		B005	Benzo(a)anthracene	< 10		ug/l	10/26/96	1461296
		B006	Benzo(a)Pyrene	< 10		ug/l	10/26/96	1461296
		B007	Benzo(b)fluoranthene	< 10		ug/l	10/26/96	1461296
		B008	Benzo(k)fluoranthene	< 10		ug/l	10/26/96	1461296
		B008	Benzo(k)fluoranthene	< 10		ug/l	10/26/96	1461296
		B010	Benzo(g,h,i)perylene	< 10		ug/l	10/26/96	1461296
		B011	bis(2-Chloroethoxy)methane	< 10		ug/l	10/26/96	1461296
		B012	bis(2-Chloroethyl)ether	< 10		ug/l	10/26/96	1461296
		B013	bis(2-EthylHexyl)phthalate	0.2	JB	ug/l	10/26/96	1461296
		B014	4-Bromophenyl-phenylether	< 10		ug/l	10/26/96	1461296
		B015	Butylbenzylphthalate	< 10		ug/l	10/26/96	1461296
		B016	2-Chloronaphthalene	< 10		ug/l	10/26/96	1461296
		B017	4-Chlorophenyl-phenylether	< 10		ug/l	10/26/96	1461296
		B018	Chrysene	< 10		ug/l	10/26/96	1461296
		B019	Dibenzo(a,h)anthracene	< 10		ug/l	10/26/96	1461296
		B020	1,2-Dichlorobenzene	< 10		ug/l	10/26/96	1461296
		B021	1,3-Dichlorobenzene	< 10		ug/l	10/26/96	1461296
		B022	1,4-Dichlorobenzene	< 10		ug/l	10/26/96	1461296
		B023	3,3'-Dichlorobenzidine	< 20		ug/l	10/26/96	1461296
		B024	Diethylphthalate	0.5	JB	ug/l	10/26/96	1461296
		B025	Dimethylphthalate	< 10		ug/l	10/26/96	1461296
		B026	Di-n-butylphthalate	0.3	JB	ug/l	10/26/96	1461296
		B027	2,4-Dinitrotoluene	< 10		ug/l	10/26/96	1461296
		B028	2,6-Dinitrotoluene	< 10		ug/l	10/26/96	1461296
		B029	Di-n-octylphthalate	< 10		ug/l	10/26/96	1461296
		B031	Fluoranthene	< 10		ug/l	10/26/96	1461296
		B032	Fluorene	< 10		ug/l	10/26/96	1461296
		B033	Hexachlorobenzene	< 10		ug/l	10/26/96	1461296
		B034	Hexachlorobutadiene	< 10		ug/l	10/26/96	1461296
		B035	Hexachlorocyclopentadiene	< 10		ug/l	10/26/96	1461296
		B036	Hexachloroethane	< 10		ug/l	10/26/96	1461296
		B038	Isophorone	< 10		ug/l	10/26/96	1461296
		B039	Naphthalene	< 10		ug/l	10/26/96	1461296
		B040	Nitrobenzene	< 10		ug/l	10/26/96	1461296
		B042	N-Nitroso-di-n-propylamine	< 10		ug/l	10/26/96	1461296
		B043	N-Nitrosodiphenylamine (1)	< 10		ug/l	10/26/96	1461296
		B044	Phenanthrene	< 10		ug/l	10/26/96	1461296
		B045	Pyrene	< 10		ug/l	10/26/96	1461296
		B046	1,2,4-Trichlorobenzene	< 10		ug/l	10/26/96	1461296
		B051	Benzyl Alcohol	< 10		ug/l	10/26/96	1461296
		B052	4-Chloroaniline	< 10		ug/l	10/26/96	1461296
		B053	Dibenzofuran	< 10		ug/l	10/26/96	1461296
		B054	2-Methylnaphthalene	< 10		ug/l	10/26/96	1461296
		B055	2-Nitroaniline	< 50		ug/l	10/26/96	1461296
		B056	3-Nitroaniline	< 50		ug/l	10/26/96	1461296
		B057	4-Nitroaniline	< 20		ug/l	10/26/96	1461296
		B058	bis(2-Chloroisopropyl)ether	< 10		ug/l	10/26/96	1461296
GW-83-S								
			Acid Extractable Organics					
		A001	Benzoic Acid	< 50		ug/l	10/26/96	1461297
		A002	2-Chlorophenol	< 10		ug/l	10/26/96	1461297

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TABLE 2-20
Groundwater Analytical Results
Semivolatile Organic Compounds
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
GW-83-S								
			Acid Extractable Organics					
		A003	2,4-Dichlorophenol	< 10		ug/l	10/26/96	1461297
		A004	2,4-Dimethylphenol	< 10		ug/l	10/26/96	1461297
		A006	4,6-Dinitro-2-methylphenol	< 50		ug/l	10/26/96	1461297
		A007	2,4-Dinitrophenol	< 50		ug/l	10/26/96	1461297
		A008	2-Nitrophenol	< 10		ug/l	10/26/96	1461297
		A009	4-Nitrophenol	< 50		ug/l	10/26/96	1461297
		A011	Pentachlorophenol	< 50		ug/l	10/26/96	1461297
		A012	Phenol	< 10		ug/l	10/26/96	1461297
		A013	2,4,6-Trichlorophenol	< 10		ug/l	10/26/96	1461297
		A014	2,4,5-Trichlorophenol	< 50		ug/l	10/26/96	1461297
		A015	2-Methylphenol (o-Cresol)	< 10		ug/l	10/26/96	1461297
		A016	4-Methylphenol(p-Cresol)	< 10		ug/l	10/26/96	1461297
		A020	4-Chloro-3-methylphenol	< 10		ug/l	10/26/96	1461297
			Base/Neutral Organics					
		B001	Acenaphthene	< 10		ug/l	10/26/96	1461297
		B002	Acenaphthylene	< 10		ug/l	10/26/96	1461297
		B003	Anthracene	< 10		ug/l	10/26/96	1461297
		B005	Benzo(a)anthracene	< 10		ug/l	10/26/96	1461297
		B006	Benzo(a)Pyrene	< 10		ug/l	10/26/96	1461297
		B007	Benzo(b)fluoranthene	< 10		ug/l	10/26/96	1461297
		B008	Benzo(k)fluoranthene	< 10		ug/l	10/26/96	1461297
		B010	Benzo(g,h,i)perylene	< 10		ug/l	10/26/96	1461297
		B011	bis(2-Chloroethoxy)methane	< 10		ug/l	10/26/96	1461297
		B012	bis(2-Chloroethyl)ether	< 10		ug/l	10/26/96	1461297
		B013	bis(2-EthylHexyl)phthalate	0.6	JB	ug/l	10/26/96	1461297
		B014	4-Bromophenyl-phenylether	< 10		ug/l	10/26/96	1461297
		B015	Butylbenzylphthalate	< 10		ug/l	10/26/96	1461297
		B016	2-Chloronaphthalene	< 10		ug/l	10/26/96	1461297
		B017	4-Chlorophenyl-phenylether	< 10		ug/l	10/26/96	1461297
		B018	Chrysene	< 10		ug/l	10/26/96	1461297
		B019	Dibenzo(a,h)anthracene	< 10		ug/l	10/26/96	1461297
		B020	1,2-Dichlorobenzene	< 10		ug/l	10/26/96	1461297
		B021	1,3-Dichlorobenzene	< 10		ug/l	10/26/96	1461297
		B022	1,4-Dichlorobenzene	< 10		ug/l	10/26/96	1461297
		B023	3,3'-Dichlorobenzidine	< 20		ug/l	10/26/96	1461297
		B024	Diethylphthalate	1	JB	ug/l	10/26/96	1461297
		B025	Dimethylphthalate	< 10		ug/l	10/26/96	1461297
		B026	Di-n-butylphthalate	0.4	JB	ug/l	10/26/96	1461297
		B027	2,4-Dinitrotoluene	< 10		ug/l	10/26/96	1461297
		B028	2,6-Dinitrotoluene	< 10		ug/l	10/26/96	1461297
		B029	Di-n-octylphthalate	< 10		ug/l	10/26/96	1461297
		B031	Fluoranthene	< 10		ug/l	10/26/96	1461297
		B032	Fluorene	< 10		ug/l	10/26/96	1461297
		B033	Hexachlorobenzene	< 10		ug/l	10/26/96	1461297
		B034	Hexachlorobutadiene	< 10		ug/l	10/26/96	1461297
		B035	Hexachlorocyclopentadiene	< 10		ug/l	10/26/96	1461297
		B036	Hexachloroethane	< 10		ug/l	10/26/96	1461297
		B037	Indeno (1,2,3-cd) pyrene	< 10		ug/l	10/26/96	1461297
		B038	Isophorone	< 10		ug/l	10/26/96	1461297
		B039	Naphthalene	< 10		ug/l	10/26/96	1461297
		B040	Nitrobenzene	< 10		ug/l	10/26/96	1461297
		B042	N-Nitroso-di-n-propylamine	< 10		ug/l	10/26/96	1461297
		B043	N-Nitrosodiphenylamine (1)	< 10		ug/l	10/26/96	1461297
		B044	Phenanthrene	< 10		ug/l	10/26/96	1461297
		B045	Pyrene	< 10		ug/l	10/26/96	1461297
		B046	1,2,4-Trichlorobenzene	< 10		ug/l	10/26/96	1461297
		B051	Benzyl Alcohol	< 10		ug/l	10/26/96	1461297
		B052	4-Chloroaniline	< 10		ug/l	10/26/96	1461297
		B053	Dibenzofuran	< 10		ug/l	10/26/96	1461297

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TABLE 2-20
Groundwater Analytical Results
Semivolatile Organic Compounds
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID		Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
GW-83-S									
				Base/Neutral Organics					
			B054	2-Methylnaphthalene	< 10		ug/l	10/26/96	1461297
			B055	2-Nitroaniline	< 50		ug/l	10/26/96	1461297
			B056	3-Nitroaniline	< 50		ug/l	10/26/96	1461297
			B057	4-Nitroaniline	< 20		ug/l	10/26/96	1461297
			B058	bis(2-Chloroisopropyl)ether	< 10		ug/l	10/26/96	1461297
GW-84-D									
				Acid Extractable Organics					
			A001	Benzoic Acid	< 50		ug/l	12/20/96	1461416
	DUP OF	1461416	A001	Benzoic Acid	< 50		ug/l	12/20/96	1461417
			A002	2-Chlorophenol	< 10		ug/l	12/20/96	1461416
	DUP OF	1461416	A002	2-Chlorophenol	< 10		ug/l	12/20/96	1461417
			A003	2,4-Dichlorophenol	< 10		ug/l	12/20/96	1461416
	DUP OF	1461416	A003	2,4-Dichlorophenol	< 10		ug/l	12/20/96	1461417
			A004	2,4-Dimethylphenol	< 10		ug/l	12/20/96	1461416
	DUP OF	1461416	A004	2,4-Dimethylphenol	< 10		ug/l	12/20/96	1461417
			A006	4,6-Dinitro-2-methylphenol	< 50		ug/l	12/20/96	1461416
	DUP OF	1461416	A006	4,6-Dinitro-2-methylphenol	< 50		ug/l	12/20/96	1461417
			A007	2,4-Dinitrophenol	< 50		ug/l	12/20/96	1461416
	DUP OF	1461416	A007	2,4-Dinitrophenol	< 50		ug/l	12/20/96	1461417
			A008	2-Nitrophenol	< 10		ug/l	12/20/96	1461416
	DUP OF	1461416	A008	2-Nitrophenol	< 10		ug/l	12/20/96	1461417
			A009	4-Nitrophenol	< 50		ug/l	12/20/96	1461416
	DUP OF	1461416	A009	4-Nitrophenol	< 50		ug/l	12/20/96	1461417
			A011	Pentachlorophenol	< 50		ug/l	12/20/96	1461416
	DUP OF	1461416	A011	Pentachlorophenol	< 50		ug/l	12/20/96	1461417
			A012	Phenol	< 10		ug/l	12/20/96	1461416
	DUP OF	1461416	A012	Phenol	< 10		ug/l	12/20/96	1461417
			A013	2,4,6-Trichlorophenol	< 10		ug/l	12/20/96	1461416
	DUP OF	1461416	A013	2,4,6-Trichlorophenol	< 10		ug/l	12/20/96	1461417
			A014	2,4,5-Trichlorophenol	< 50		ug/l	12/20/96	1461416
	DUP OF	1461416	A014	2,4,5-Trichlorophenol	< 50		ug/l	12/20/96	1461417
			A015	2-Methylphenol (o-Cresol)	< 10		ug/l	12/20/96	1461416
	DUP OF	1461416	A015	2-Methylphenol (o-Cresol)	< 10		ug/l	12/20/96	1461417
			A016	4-Methylphenol(p-Cresol)	< 10		ug/l	12/20/96	1461416
	DUP OF	1461416	A016	4-Methylphenol(p-Cresol)	< 10		ug/l	12/20/96	1461417
			A020	4-Chloro-3-methylphenol	< 10		ug/l	12/20/96	1461416
	DUP OF	1461416	A020	4-Chloro-3-methylphenol	< 10		ug/l	12/20/96	1461417
				Base/Neutral Organics					
			B001	Acenaphthene	< 10		ug/l	12/20/96	1461416
	DUP OF	1461416	B001	Acenaphthene	< 10		ug/l	12/20/96	1461417
			B002	Acenaphthylene	< 10		ug/l	12/20/96	1461416
	DUP OF	1461416	B002	Acenaphthylene	< 10		ug/l	12/20/96	1461417
			B003	Anthracene	< 10		ug/l	12/20/96	1461416
	DUP OF	1461416	B003	Anthracene	< 10		ug/l	12/20/96	1461417
			B005	Benzo(a)anthracene	< 10		ug/l	12/20/96	1461416
	DUP OF	1461416	B005	Benzo(a)anthracene	< 10		ug/l	12/20/96	1461417
			B006	Benzo(a)Pyrene	< 10		ug/l	12/20/96	1461416
	DUP OF	1461416	B006	Benzo(a)Pyrene	< 10		ug/l	12/20/96	1461417
			B007	Benzo(b)fluoranthene	< 10		ug/l	12/20/96	1461416
	DUP OF	1461416	B007	Benzo(b)fluoranthene	< 10		ug/l	12/20/96	1461417
			B008	Benzo(k)fluoranthene	< 10		ug/l	12/20/96	1461416
	DUP OF	1461416	B008	Benzo(k)fluoranthene	< 10		ug/l	12/20/96	1461417
			B010	Benzo(g,h,i)perylene	< 10		ug/l	12/20/96	1461416
	DUP OF	1461416	B010	Benzo(g,h,i)perylene	< 10		ug/l	12/20/96	1461417
			B011	bis(2-Chloroethoxy)methane	< 10		ug/l	12/20/96	1461416
	DUP OF	1461416	B011	bis(2-Chloroethoxy)methane	< 10		ug/l	12/20/96	1461417
			B012	bis(2-Chloroethyl)ether	< 10		ug/l	12/20/96	1461416
	DUP OF	1461416	B012	bis(2-Chloroethyl)ether	< 10		ug/l	12/20/96	1461417

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TABLE 2-20
Groundwater Analytical Results
Semivolatile Organic Compounds
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID		Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
GW-84-D				Base/Neutral Organics					
			B013	bis(2-EthylHexyl)phthalate	< 10		ug/l	12/20/96	1461416
	DUP OF	1461416	B013	bis(2-EthylHexyl)phthalate	< 10		ug/l	12/20/96	1461417
			B014	4-Bromophenyl-phenylether	< 10		ug/l	12/20/96	1461416
	DUP OF	1461416	B014	4-Bromophenyl-phenylether	< 10		ug/l	12/20/96	1461417
			B015	Butylbenzylphthalate	< 10		ug/l	12/20/96	1461416
	DUP OF	1461416	B015	Butylbenzylphthalate	< 10		ug/l	12/20/96	1461417
			B016	2-Chloronaphthalene	< 10		ug/l	12/20/96	1461416
	DUP OF	1461416	B016	2-Chloronaphthalene	< 10		ug/l	12/20/96	1461417
			B017	4-Chlorophenyl-phenylether	< 10		ug/l	12/20/96	1461416
	DUP OF	1461416	B017	4-Chlorophenyl-phenylether	< 10		ug/l	12/20/96	1461417
			B018	Chrysene	< 10		ug/l	12/20/96	1461416
	DUP OF	1461416	B018	Chrysene	< 10		ug/l	12/20/96	1461417
			B019	Dibenzo(a,h)anthracene	< 10		ug/l	12/20/96	1461416
	DUP OF	1461416	B019	Dibenzo(a,h)anthracene	< 10		ug/l	12/20/96	1461417
			B020	1,2-Dichlorobenzene	< 10		ug/l	12/20/96	1461416
	DUP OF	1461416	B020	1,2-Dichlorobenzene	< 10		ug/l	12/20/96	1461417
			B021	1,3-Dichlorobenzene	< 10		ug/l	12/20/96	1461416
	DUP OF	1461416	B021	1,3-Dichlorobenzene	< 10		ug/l	12/20/96	1461417
			B022	1,4-Dichlorobenzene	< 10		ug/l	12/20/96	1461416
	DUP OF	1461416	B022	1,4-Dichlorobenzene	< 10		ug/l	12/20/96	1461417
			B023	3,3'-Dichlorobenzidine	< 20		ug/l	12/20/96	1461416
	DUP OF	1461416	B023	3,3'-Dichlorobenzidine	< 20		ug/l	12/20/96	1461417
			B024	Diethylphthalate	1	JB	ug/l	12/20/96	1461416
	DUP OF	1461416	B024	Diethylphthalate	1	JB	ug/l	12/20/96	1461417
			B025	Dimethylphthalate	< 10		ug/l	12/20/96	1461416
	DUP OF	1461416	B025	Dimethylphthalate	< 10		ug/l	12/20/96	1461417
			B026	Di-n-butylphthalate	0.4	JB	ug/l	12/20/96	1461416
	DUP OF	1461416	B026	Di-n-butylphthalate	1	JB	ug/l	12/20/96	1461417
			B027	2,4-Dinitrotoluene	< 10		ug/l	12/20/96	1461416
	DUP OF	1461416	B027	2,4-Dinitrotoluene	< 10		ug/l	12/20/96	1461417
			B028	2,6-Dinitrotoluene	< 10		ug/l	12/20/96	1461416
	DUP OF	1461416	B028	2,6-Dinitrotoluene	< 10		ug/l	12/20/96	1461417
			B029	Di-n-octylphthalate	< 10		ug/l	12/20/96	1461416
	DUP OF	1461416	B029	Di-n-octylphthalate	< 10		ug/l	12/20/96	1461417
			B031	Fluoranthene	< 10		ug/l	12/20/96	1461416
	DUP OF	1461416	B031	Fluoranthene	< 10		ug/l	12/20/96	1461417
			B032	Fluorene	< 10		ug/l	12/20/96	1461416
	DUP OF	1461416	B032	Fluorene	< 10		ug/l	12/20/96	1461417
			B033	Hexachlorobenzene	< 10		ug/l	12/20/96	1461416
	DUP OF	1461416	B033	Hexachlorobenzene	< 10		ug/l	12/20/96	1461417
			B034	Hexachlorobutadiene	< 10		ug/l	12/20/96	1461416
	DUP OF	1461416	B034	Hexachlorobutadiene	< 10		ug/l	12/20/96	1461417
			B035	Hexachlorocyclopentadiene	< 10		ug/l	12/20/96	1461416
	DUP OF	1461416	B035	Hexachlorocyclopentadiene	< 10		ug/l	12/20/96	1461417
			B036	Hexachloroethane	< 10		ug/l	12/20/96	1461416
	DUP OF	1461416	B036	Hexachloroethane	< 10		ug/l	12/20/96	1461417
			B037	Indeno (1,2,3-cd) pyrene	< 10		ug/l	12/20/96	1461416
	DUP OF	1461416	B037	Indeno (1,2,3-cd) pyrene	< 10		ug/l	12/20/96	1461417
			B038	Isophorone	< 10		ug/l	12/20/96	1461416
	DUP OF	1461416	B038	Isophorone	< 10		ug/l	12/20/96	1461417
			B039	Naphthalene	< 10		ug/l	12/20/96	1461416
	DUP OF	1461416	B039	Naphthalene	< 10		ug/l	12/20/96	1461417
			B040	Nitrobenzene	< 10		ug/l	12/20/96	1461416
	DUP OF	1461416	B040	Nitrobenzene	< 10		ug/l	12/20/96	1461417
			B042	N-Nitroso-di-n-propylamine	< 10		ug/l	12/20/96	1461416
	DUP OF	1461416	B042	N-Nitroso-di-n-propylamine	< 10		ug/l	12/20/96	1461417
			B043	N-Nitrosodiphenylamine (1)	< 10		ug/l	12/20/96	1461416
	DUP OF	1461416	B043	N-Nitrosodiphenylamine (1)	< 10		ug/l	12/20/96	1461417
			B044	Phenanthrene	< 10		ug/l	12/20/96	1461416

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Groundwater Analytical Results
Semivolatile Organic Compounds
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID		Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
GW-84-D									
				Base/Neutral Organics					
	DUP OF	1461416	B044	Phenanthrene	< 10		ug/l	12/20/96	1461417
			B045	Pyrene	< 10		ug/l	12/20/96	1461416
	DUP OF	1461416	B045	Pyrene	< 10		ug/l	12/20/96	1461417
			B046	1,2,4-Trichlorobenzene	< 10		ug/l	12/20/96	1461416
	DUP OF	1461416	B046	1,2,4-Trichlorobenzene	< 10		ug/l	12/20/96	1461417
			B051	Benzyl Alcohol	< 10		ug/l	12/20/96	1461416
	DUP OF	1461416	B051	Benzyl Alcohol	< 10		ug/l	12/20/96	1461417
			B052	4-Chloroaniline	< 10		ug/l	12/20/96	1461416
	DUP OF	1461416	B052	4-Chloroaniline	< 10		ug/l	12/20/96	1461417
			B053	Dibenzofuran	< 10		ug/l	12/20/96	1461416
	DUP OF	1461416	B053	Dibenzofuran	< 10		ug/l	12/20/96	1461417
			B054	2-Methylnaphthalene	< 10		ug/l	12/20/96	1461416
	DUP OF	1461416	B054	2-Methylnaphthalene	< 10		ug/l	12/20/96	1461417
			B055	2-Nitroaniline	< 50		ug/l	12/20/96	1461416
	DUP OF	1461416	B055	2-Nitroaniline	< 50		ug/l	12/20/96	1461417
			B056	3-Nitroaniline	< 50		ug/l	12/20/96	1461416
	DUP OF	1461416	B056	3-Nitroaniline	< 50		ug/l	12/20/96	1461417
			B057	4-Nitroaniline	< 20		ug/l	12/20/96	1461416
	DUP OF	1461416	B057	4-Nitroaniline	< 20		ug/l	12/20/96	1461417
			B058	bis(2-Chloroisopropyl)ether	< 10		ug/l	12/20/96	1461416
	DUP OF	1461416	B058	bis(2-Chloroisopropyl)ether	< 10		ug/l	12/20/96	1461417
GW-84-M									
				Acid Extractable Organics					
			A001	Benzoic Acid	< 50		ug/l	12/20/96	1461415
			A002	2-Chlorophenol	< 10		ug/l	12/20/96	1461415
			A003	2,4-Dichlorophenol	< 10		ug/l	12/20/96	1461415
			A004	2,4-Dimethylphenol	< 10		ug/l	12/20/96	1461415
			A006	4,6-Dinitro-2-methylphenol	< 50		ug/l	12/20/96	1461415
			A007	2,4-Dinitrophenol	< 50		ug/l	12/20/96	1461415
			A008	2-Nitrophenol	< 10		ug/l	12/20/96	1461415
			A009	4-Nitrophenol	< 50		ug/l	12/20/96	1461415
			A011	Pentachlorophenol	< 50		ug/l	12/20/96	1461415
			A012	Phenol	< 10		ug/l	12/20/96	1461415
			A013	2,4,6-Trichlorophenol	< 10		ug/l	12/20/96	1461415
			A014	2,4,5-Trichlorophenol	< 50		ug/l	12/20/96	1461415
			A015	2-Methylphenol (o-Cresol)	< 10		ug/l	12/20/96	1461415
			A016	4-Methylphenol(p-Cresol)	< 10		ug/l	12/20/96	1461415
			A020	4-Chloro-3-methylphenol	< 10		ug/l	12/20/96	1461415
				Base/Neutral Organics					
			B001	Acenaphthene	< 10		ug/l	12/20/96	1461415
			B002	Acenaphthylene	< 10		ug/l	12/20/96	1461415
			B003	Anthracene	< 10		ug/l	12/20/96	1461415
			B005	Benzo(a)anthracene	< 10		ug/l	12/20/96	1461415
			B006	Benzo(a)Pyrene	< 10		ug/l	12/20/96	1461415
			B007	Benzo(b)fluoranthene	< 10		ug/l	12/20/96	1461415
			B008	Benzo(k)fluoranthene	< 10		ug/l	12/20/96	1461415
			B010	Benzo(g,h,i)perylene	< 10		ug/l	12/20/96	1461415
			B011	bis(2-Chloroethoxy)methane	< 10		ug/l	12/20/96	1461415
			B012	bis(2-Chloroethyl)ether	< 10		ug/l	12/20/96	1461415
			B013	bis(2-EthylHexyl)phthalate	< 10		ug/l	12/20/96	1461415
			B014	4-Bromophenyl-phenylether	< 10		ug/l	12/20/96	1461415
			B015	Butylbenzylphthalate	< 10		ug/l	12/20/96	1461415
			B016	2-Chloronaphthalene	< 10		ug/l	12/20/96	1461415
			B017	4-Chlorophenyl-phenylether	< 10		ug/l	12/20/96	1461415
			B018	Chrysene	< 10		ug/l	12/20/96	1461415
			B019	Dibenzo(a,h)anthracene	< 10		ug/l	12/20/96	1461415
			B020	1,2-Dichlorobenzene	< 10		ug/l	12/20/96	1461415
			B021	1,3-Dichlorobenzene	< 10		ug/l	12/20/96	1461415

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TABLE 2-20
Groundwater Analytical Results
Semivolatile Organic Compounds
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
GW-84-M								
			Base/Neutral Organics					
		B022	1,4-Dichlorobenzene	< 10		ug/l	12/20/96	1461415
		B023	3,3'-Dichlorobenzidine	< 20		ug/l	12/20/96	1461415
		B024	Diethylphthalate	< 10		ug/l	12/20/96	1461415
		B025	Dimethylphthalate	< 10		ug/l	12/20/96	1461415
		B026	Di-n-butylphthalate	0.6	JB	ug/l	12/20/96	1461415
		B027	2,4-Dinitrotoluene	< 10		ug/l	12/20/96	1461415
		B028	2,6-Dinitrotoluene	< 10		ug/l	12/20/96	1461415
		B029	Di-n-octylphthalate	< 10		ug/l	12/20/96	1461415
		B031	Fluoranthene	< 10		ug/l	12/20/96	1461415
		B032	Fluorene	< 10		ug/l	12/20/96	1461415
		B033	Hexachlorobenzene	< 10		ug/l	12/20/96	1461415
		B034	Hexachlorobutadiene	< 10		ug/l	12/20/96	1461415
		B035	Hexachlorocyclopentadiene	< 10		ug/l	12/20/96	1461415
		B036	Hexachloroethane	< 10		ug/l	12/20/96	1461415
		B037	Indeno (1,2,3-cd) pyrene	< 10		ug/l	12/20/96	1461415
		B038	Isophorone	< 10		ug/l	12/20/96	1461415
		B039	Naphthalene	< 10		ug/l	12/20/96	1461415
		B040	Nitrobenzene	< 10		ug/l	12/20/96	1461415
		B042	N-Nitroso-di-n-propylamine	< 10		ug/l	12/20/96	1461415
		B043	N-Nitrosodiphenylamine (1)	< 10		ug/l	12/20/96	1461415
		B044	Phenanthrene	< 10		ug/l	12/20/96	1461415
		B045	Pyrene	< 10		ug/l	12/20/96	1461415
		B046	1,2,4-Trichlorobenzene	< 10		ug/l	12/20/96	1461415
		B051	Benzyl Alcohol	< 10		ug/l	12/20/96	1461415
		B052	4-Chloroaniline	< 10		ug/l	12/20/96	1461415
		B053	Dibenzofuran	< 10		ug/l	12/20/96	1461415
		B054	2-Methylnaphthalene	< 10		ug/l	12/20/96	1461415
		B055	2-Nitroaniline	< 50		ug/l	12/20/96	1461415
		B056	3-Nitroaniline	< 50		ug/l	12/20/96	1461415
		B057	4-Nitroaniline	< 20		ug/l	12/20/96	1461415
		B058	bis(2-Chloroisopropyl)ether	< 10		ug/l	12/20/96	1461415
GW-84-S								
			Acid Extractable Organics					
		A001	Benzoic Acid	< 50		ug/l	12/20/96	1461414
		A002	2-Chlorophenol	< 10		ug/l	12/20/96	1461414
		A003	2,4-Dichlorophenol	< 10		ug/l	12/20/96	1461414
		A004	2,4-Dimethylphenol	< 10		ug/l	12/20/96	1461414
		A006	4,6-Dinitro-2-methylphenol	< 50		ug/l	12/20/96	1461414
		A007	2,4-Dinitrophenol	< 50		ug/l	12/20/96	1461414
		A008	2-Nitrophenol	< 10		ug/l	12/20/96	1461414
		A009	4-Nitrophenol	< 50		ug/l	12/20/96	1461414
		A011	Pentachlorophenol	< 50		ug/l	12/20/96	1461414
		A012	Phenol	< 10		ug/l	12/20/96	1461414
		A013	2,4,6-Trichlorophenol	< 10		ug/l	12/20/96	1461414
		A014	2,4,5-Trichlorophenol	< 50		ug/l	12/20/96	1461414
		A015	2-Methylphenol (o-Cresol)	< 10		ug/l	12/20/96	1461414
		A016	4-Methylphenol(p-Cresol)	< 10		ug/l	12/20/96	1461414
		A020	4-Chloro-3-methylphenol	< 10		ug/l	12/20/96	1461414
			Base/Neutral Organics					
		B001	Acenaphthene	< 10		ug/l	12/20/96	1461414
		B002	Acenaphthylene	< 10		ug/l	12/20/96	1461414
		B003	Anthracene	< 10		ug/l	12/20/96	1461414
		B005	Benzo(a)anthracene	< 10		ug/l	12/20/96	1461414
		B006	Benzo(a)Pyrene	< 10		ug/l	12/20/96	1461414
		B007	Benzo(b)fluoranthene	< 10		ug/l	12/20/96	1461414
		B008	Benzo(k)fluoranthene	< 10		ug/l	12/20/96	1461414
		B010	Benzo(g,h,i)perylene	< 10		ug/l	12/20/96	1461414
		B011	bis(2-Chloroethoxy)methane	< 10		ug/l	12/20/96	1461414

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TABLE 2-20
Groundwater Analytical Results
Semivolatile Organic Compounds
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
GW-84-S			Base/Neutral Organics					
		B012	bis(2-Chloroethyl)ether	< 10		ug/l	12/20/96	1461414
		B013	bis(2-EthylHexyl)phthalate	< 10		ug/l	12/20/96	1461414
		B014	4-Bromophenyl-phenylether	< 10		ug/l	12/20/96	1461414
		B015	Butylbenzylphthalate	< 10		ug/l	12/20/96	1461414
		B016	2-Chloronaphthalene	< 10		ug/l	12/20/96	1461414
		B017	4-Chlorophenyl-phenylether	< 10		ug/l	12/20/96	1461414
		B018	Chrysene	< 10		ug/l	12/20/96	1461414
		B019	Dibenzo(a,h)anthracene	< 10		ug/l	12/20/96	1461414
		B020	1,2-Dichlorobenzene	< 10		ug/l	12/20/96	1461414
		B021	1,3-Dichlorobenzene	< 10		ug/l	12/20/96	1461414
		B022	1,4-Dichlorobenzene	< 10		ug/l	12/20/96	1461414
		B023	3,3'-Dichlorobenzidine	< 20		ug/l	12/20/96	1461414
		B024	Diethylphthalate	0.9	JB	ug/l	12/20/96	1461414
		B025	Dimethylphthalate	< 10		ug/l	12/20/96	1461414
		B026	Di-n-butylphthalate	0.5	JB	ug/l	12/20/96	1461414
		B027	2,4-Dinitrotoluene	< 10		ug/l	12/20/96	1461414
		B028	2,6-Dinitrotoluene	< 10		ug/l	12/20/96	1461414
		B029	Di-n-octylphthalate	< 10		ug/l	12/20/96	1461414
		B031	Fluoranthene	< 10		ug/l	12/20/96	1461414
		B032	Fluorene	< 10		ug/l	12/20/96	1461414
		B033	Hexachlorobenzene	< 10		ug/l	12/20/96	1461414
		B034	Hexachlorobutadiene	< 10		ug/l	12/20/96	1461414
		B035	Hexachlorocyclopentadiene	< 10		ug/l	12/20/96	1461414
		B036	Hexachloroethane	< 10		ug/l	12/20/96	1461414
		B037	Indeno (1,2,3-cd) pyrene	< 10		ug/l	12/20/96	1461414
		B038	Isophorone	< 10		ug/l	12/20/96	1461414
		B039	Naphthalene	< 10		ug/l	12/20/96	1461414
		B040	Nitrobenzene	< 10		ug/l	12/20/96	1461414
		B042	N-Nitroso-di-n-propylamine	< 10		ug/l	12/20/96	1461414
		B043	N-Nitrosodiphenylamine (1)	< 10		ug/l	12/20/96	1461414
		B044	Phenanthrene	< 10		ug/l	12/20/96	1461414
		B045	Pyrene	< 10		ug/l	12/20/96	1461414
		B046	1,2,4-Trichlorobenzene	< 10		ug/l	12/20/96	1461414
		B051	Benzyl Alcohol	< 10		ug/l	12/20/96	1461414
		B052	4-Chloroaniline	< 10		ug/l	12/20/96	1461414
		B053	Dibenzofuran	< 10		ug/l	12/20/96	1461414
		B054	2-Methylnaphthalene	< 10		ug/l	12/20/96	1461414
		B055	2-Nitroaniline	< 50		ug/l	12/20/96	1461414
		B056	3-Nitroaniline	< 50		ug/l	12/20/96	1461414
		B057	4-Nitroaniline	< 20		ug/l	12/20/96	1461414
		B058	bis(2-Chloroisopropyl)ether	< 10		ug/l	12/20/96	1461414
GW-85-D			Acid Extractable Organics					
		A001	Benzoic Acid	< 50		ug/l	11/19/96	1461350
		A002	2-Chlorophenol	< 10		ug/l	11/19/96	1461350
		A003	2,4-Dichlorophenol	< 10		ug/l	11/19/96	1461350
		A004	2,4-Dimethylphenol	< 10		ug/l	11/19/96	1461350
		A006	4,6-Dinitro-2-methylphenol	< 50		ug/l	11/19/96	1461350
		A007	2,4-Dinitrophenol	< 50		ug/l	11/19/96	1461350
		A008	2-Nitrophenol	< 10		ug/l	11/19/96	1461350
		A009	4-Nitrophenol	< 50		ug/l	11/19/96	1461350
		A011	Pentachlorophenol	< 50		ug/l	11/19/96	1461350
		A012	Phenol	< 10		ug/l	11/19/96	1461350
		A013	2,4,6-Trichlorophenol	< 10		ug/l	11/19/96	1461350
		A014	2,4,5-Trichlorophenol	< 50		ug/l	11/19/96	1461350
		A015	2-Methylphenol (o-Cresol)	< 10		ug/l	11/19/96	1461350
		A016	4-Methylphenol(p-Cresol)	< 10		ug/l	11/19/96	1461350
		A020	4-Chloro-3-methylphenol	< 10		ug/l	11/19/96	1461350

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TABLE 2-20
Groundwater Analytical Results
Semivolatile Organic Compounds
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
GW-85-D			Base/Neutral Organics					
		B001	Acenaphthene	< 10		ug/l	11/19/96	1461350
		B002	Acenaphthylene	< 10		ug/l	11/19/96	1461350
		B003	Anthracene	< 10		ug/l	11/19/96	1461350
		B005	Benzo(a)anthracene	< 10		ug/l	11/19/96	1461350
		B006	Benzo(a)Pyrene	< 10		ug/l	11/19/96	1461350
		B007	Benzo(b)fluoranthene	< 10		ug/l	11/19/96	1461350
		B008	Benzo(k)fluoranthene	< 10		ug/l	11/19/96	1461350
		B010	Benzo(g,h,i)perylene	< 10		ug/l	11/19/96	1461350
		B011	bis(2-Chloroethoxy)methane	< 10		ug/l	11/19/96	1461350
		B012	bis(2-Chloroethyl)ether	< 10		ug/l	11/19/96	1461350
		B013	bis(2-EthylHexyl)phthalate	1	JB	ug/l	11/19/96	1461350
		B014	4-Bromophenyl-phenylether	< 10		ug/l	11/19/96	1461350
		B015	Butylbenzylphthalate	< 10		ug/l	11/19/96	1461350
		B016	2-Chloronaphthalene	< 10		ug/l	11/19/96	1461350
		B017	4-Chlorophenyl-phenylether	< 10		ug/l	11/19/96	1461350
		B018	Chrysene	< 10		ug/l	11/19/96	1461350
		B019	Dibenzo(a,h)anthracene	< 10		ug/l	11/19/96	1461350
		B020	1,2-Dichlorobenzene	< 10		ug/l	11/19/96	1461350
		B021	1,3-Dichlorobenzene	< 10		ug/l	11/19/96	1461350
		B022	1,4-Dichlorobenzene	< 10		ug/l	11/19/96	1461350
		B023	3,3'-Dichlorobenzidine	< 20		ug/l	11/19/96	1461350
		B024	Diethylphthalate	0.4	JB	ug/l	11/19/96	1461350
		B025	Dimethylphthalate	< 10		ug/l	11/19/96	1461350
		B026	Di-n-butylphthalate	0.4	JB	ug/l	11/19/96	1461350
		B027	2,4-Dinitrotoluene	< 10		ug/l	11/19/96	1461350
		B028	2,6-Dinitrotoluene	< 10		ug/l	11/19/96	1461350
		B029	Di-n-octylphthalate	< 10		ug/l	11/19/96	1461350
		B031	Fluoranthene	< 10		ug/l	11/19/96	1461350
		B032	Fluorene	< 10		ug/l	11/19/96	1461350
		B033	Hexachlorobenzene	< 10		ug/l	11/19/96	1461350
		B034	Hexachlorobutadiene	< 10		ug/l	11/19/96	1461350
		B035	Hexachlorocyclopentadiene	< 10		ug/l	11/19/96	1461350
		B036	Hexachloroethane	< 10		ug/l	11/19/96	1461350
		B037	Indeno (1,2,3-cd) pyrene	< 10		ug/l	11/19/96	1461350
		B038	Isophorone	< 10		ug/l	11/19/96	1461350
		B039	Naphthalene	< 10		ug/l	11/19/96	1461350
		B040	Nitrobenzene	< 10		ug/l	11/19/96	1461350
		B042	N-Nitroso-di-n-propylamine	< 10		ug/l	11/19/96	1461350
		B043	N-Nitrosodiphenylamine (1)	< 10		ug/l	11/19/96	1461350
		B044	Phenanthrene	< 10		ug/l	11/19/96	1461350
		B045	Pyrene	< 10		ug/l	11/19/96	1461350
		B046	1,2,4-Trichlorobenzene	0.7	J	ug/l	11/19/96	1461350
		B051	Benzyl Alcohol	< 10		ug/l	11/19/96	1461350
		B052	4-Chloroaniline	< 10		ug/l	11/19/96	1461350
		B053	Dibenzofuran	< 10		ug/l	11/19/96	1461350
		B054	2-Methylnaphthalene	< 10		ug/l	11/19/96	1461350
		B055	2-Nitroaniline	< 50		ug/l	11/19/96	1461350
		B056	3-Nitroaniline	< 50		ug/l	11/19/96	1461350
		B057	4-Nitroaniline	< 20		ug/l	11/19/96	1461350
		B058	bis(2-Chloroisopropyl)ether	< 10		ug/l	11/19/96	1461350
GW-85-M			Acid Extractable Organics					
		A001	Benzoic Acid	< 50		ug/l	11/19/96	1461348
	DUP OF 1461348	A001	Benzoic Acid	< 50		ug/l	11/19/96	1461349
		A002	2-Chlorophenol	< 10		ug/l	11/19/96	1461348
	DUP OF 1461348	A002	2-Chlorophenol	< 10		ug/l	11/19/96	1461349
		A003	2,4-Dichlorophenol	< 10		ug/l	11/19/96	1461348
	DUP OF 1461348	A003	2,4-Dichlorophenol	< 10		ug/l	11/19/96	1461349

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TABLE 2-20
Groundwater Analytical Results
Semivolatile Organic Compounds
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID		Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
GW-85-M									
				Acid Extractable Organics					
			A004	2,4-Dimethylphenol	< 10		ug/l	11/19/96	1461348
	DUP OF	1461348	A004	2,4-Dimethylphenol	< 10		ug/l	11/19/96	1461349
			A006	4,6-Dinitro-2-methylphenol	< 50		ug/l	11/19/96	1461348
	DUP OF	1461348	A006	4,6-Dinitro-2-methylphenol	< 50		ug/l	11/19/96	1461349
			A007	2,4-Dinitrophenol	< 50		ug/l	11/19/96	1461348
	DUP OF	1461348	A007	2,4-Dinitrophenol	< 50		ug/l	11/19/96	1461349
			A008	2-Nitrophenol	< 10		ug/l	11/19/96	1461348
	DUP OF	1461348	A008	2-Nitrophenol	< 10		ug/l	11/19/96	1461349
			A009	4-Nitrophenol	< 50		ug/l	11/19/96	1461348
	DUP OF	1461348	A009	4-Nitrophenol	< 50		ug/l	11/19/96	1461349
			A011	Pentachlorophenol	< 50		ug/l	11/19/96	1461348
	DUP OF	1461348	A011	Pentachlorophenol	< 50		ug/l	11/19/96	1461349
			A012	Phenol	< 10		ug/l	11/19/96	1461348
	DUP OF	1461348	A012	Phenol	< 10		ug/l	11/19/96	1461349
			A013	2,4,6-Trichlorophenol	< 10		ug/l	11/19/96	1461348
	DUP OF	1461348	A013	2,4,6-Trichlorophenol	< 10		ug/l	11/19/96	1461349
			A014	2,4,5-Trichlorophenol	< 50		ug/l	11/19/96	1461348
	DUP OF	1461348	A014	2,4,5-Trichlorophenol	< 50		ug/l	11/19/96	1461349
			A015	2-Methylphenol (o-Cresol)	< 10		ug/l	11/19/96	1461348
	DUP OF	1461348	A015	2-Methylphenol (o-Cresol)	< 10		ug/l	11/19/96	1461349
			A016	4-Methylphenol(p-Cresol)	< 10		ug/l	11/19/96	1461348
	DUP OF	1461348	A016	4-Methylphenol(p-Cresol)	< 10		ug/l	11/19/96	1461349
			A020	4-Chloro-3-methylphenol	< 10		ug/l	11/19/96	1461348
	DUP OF	1461348	A020	4-Chloro-3-methylphenol	< 10		ug/l	11/19/96	1461349
				Base/Neutral Organics					
			B001	Acenaphthene	< 10		ug/l	11/19/96	1461348
	DUP OF	1461348	B001	Acenaphthene	< 10		ug/l	11/19/96	1461349
			B002	Acenaphthylene	< 10		ug/l	11/19/96	1461348
	DUP OF	1461348	B002	Acenaphthylene	< 10		ug/l	11/19/96	1461349
			B003	Anthracene	< 10		ug/l	11/19/96	1461348
	DUP OF	1461348	B003	Anthracene	< 10		ug/l	11/19/96	1461349
			B005	Benzo(a)anthracene	< 10		ug/l	11/19/96	1461348
	DUP OF	1461348	B005	Benzo(a)anthracene	< 10		ug/l	11/19/96	1461349
			B006	Benzo(a)Pyrene	< 10		ug/l	11/19/96	1461348
	DUP OF	1461348	B006	Benzo(a)Pyrene	< 10		ug/l	11/19/96	1461349
			B007	Benzo(b)fluoranthene	< 10		ug/l	11/19/96	1461348
	DUP OF	1461348	B007	Benzo(b)fluoranthene	< 10		ug/l	11/19/96	1461349
			B008	Benzo(k)fluoranthene	< 10		ug/l	11/19/96	1461348
	DUP OF	1461348	B008	Benzo(k)fluoranthene	< 10		ug/l	11/19/96	1461349
			B010	Benzo(g,h,i)perylene	< 10		ug/l	11/19/96	1461348
	DUP OF	1461348	B010	Benzo(g,h,i)perylene	< 10		ug/l	11/19/96	1461349
			B011	bis(2-Chloroethoxy)methane	< 10		ug/l	11/19/96	1461348
	DUP OF	1461348	B011	bis(2-Chloroethoxy)methane	< 10		ug/l	11/19/96	1461349
			B012	bis(2-Chloroethyl)ether	< 10		ug/l	11/19/96	1461348
	DUP OF	1461348	B012	bis(2-Chloroethyl)ether	< 10		ug/l	11/19/96	1461349
			B013	bis(2-EthylHexyl)phthalate	2	JB	ug/l	11/19/96	1461348
	DUP OF	1461348	B013	bis(2-EthylHexyl)phthalate	3	JB	ug/l	11/19/96	1461349
			B014	4-Bromophenyl-phenylether	< 10		ug/l	11/19/96	1461348
	DUP OF	1461348	B014	4-Bromophenyl-phenylether	< 10		ug/l	11/19/96	1461349
			B015	Butylbenzylphthalate	< 10		ug/l	11/19/96	1461348
	DUP OF	1461348	B015	Butylbenzylphthalate	< 10		ug/l	11/19/96	1461349
			B016	2-Chloronaphthalene	< 10		ug/l	11/19/96	1461348
	DUP OF	1461348	B016	2-Chloronaphthalene	< 10		ug/l	11/19/96	1461349
			B017	4-Chlorophenyl-phenylether	< 10		ug/l	11/19/96	1461348
	DUP OF	1461348	B017	4-Chlorophenyl-phenylether	< 10		ug/l	11/19/96	1461349
			B018	Chrysene	< 10		ug/l	11/19/96	1461348
	DUP OF	1461348	B018	Chrysene	< 10		ug/l	11/19/96	1461349
			B019	Dibenzo(a,h)anthracene	< 10		ug/l	11/19/96	1461348
	DUP OF	1461348	B019	Dibenzo(a,h)anthracene	< 10		ug/l	11/19/96	1461349

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TABLE 2-20
Groundwater Analytical Results
Semivolatile Organic Compounds
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID		Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
GW-85-M				Base/Neutral Organics					
			B020	1,2-Dichlorobenzene	< 10		ug/l	11/19/96	1461348
	DUP OF	1461348	B020	1,2-Dichlorobenzene	< 10		ug/l	11/19/96	1461349
			B021	1,3-Dichlorobenzene	< 10		ug/l	11/19/96	1461348
	DUP OF	1461348	B021	1,3-Dichlorobenzene	< 10		ug/l	11/19/96	1461349
			B022	1,4-Dichlorobenzene	< 10		ug/l	11/19/96	1461348
	DUP OF	1461348	B022	1,4-Dichlorobenzene	< 10		ug/l	11/19/96	1461349
			B023	3,3'-Dichlorobenzidine	< 20		ug/l	11/19/96	1461348
	DUP OF	1461348	B023	3,3'-Dichlorobenzidine	< 20		ug/l	11/19/96	1461349
			B024	Diethylphthalate	0.2	JB	ug/l	11/19/96	1461348
	DUP OF	1461348	B024	Diethylphthalate	0.2	JB	ug/l	11/19/96	1461349
			B025	Dimethylphthalate	< 10		ug/l	11/19/96	1461348
	DUP OF	1461348	B025	Dimethylphthalate	< 10		ug/l	11/19/96	1461349
			B026	Di-n-butylphthalate	0.4	JB	ug/l	11/19/96	1461348
	DUP OF	1461348	B026	Di-n-butylphthalate	0.4	JB	ug/l	11/19/96	1461349
			B027	2,4-Dinitrotoluene	< 10		ug/l	11/19/96	1461348
	DUP OF	1461348	B027	2,4-Dinitrotoluene	< 10		ug/l	11/19/96	1461349
			B028	2,6-Dinitrotoluene	< 10		ug/l	11/19/96	1461348
	DUP OF	1461348	B028	2,6-Dinitrotoluene	< 10		ug/l	11/19/96	1461349
			B029	Di-n-octylphthalate	< 10		ug/l	11/19/96	1461348
	DUP OF	1461348	B029	Di-n-octylphthalate	0.3	J	ug/l	11/19/96	1461349
			B031	Fluoranthene	< 10		ug/l	11/19/96	1461348
	DUP OF	1461348	B031	Fluoranthene	< 10		ug/l	11/19/96	1461349
			B032	Fluorene	< 10		ug/l	11/19/96	1461348
	DUP OF	1461348	B032	Fluorene	< 10		ug/l	11/19/96	1461349
			B033	Hexachlorobenzene	< 10		ug/l	11/19/96	1461348
	DUP OF	1461348	B033	Hexachlorobenzene	< 10		ug/l	11/19/96	1461349
			B034	Hexachlorobutadiene	< 10		ug/l	11/19/96	1461348
	DUP OF	1461348	B034	Hexachlorobutadiene	< 10		ug/l	11/19/96	1461349
			B035	Hexachlorocyclopentadiene	< 10		ug/l	11/19/96	1461348
	DUP OF	1461348	B035	Hexachlorocyclopentadiene	< 10		ug/l	11/19/96	1461349
			B036	Hexachloroethane	< 10		ug/l	11/19/96	1461348
	DUP OF	1461348	B036	Hexachloroethane	< 10		ug/l	11/19/96	1461349
			B037	Indeno (1,2,3-cd) pyrene	< 10		ug/l	11/19/96	1461348
	DUP OF	1461348	B037	Indeno (1,2,3-cd) pyrene	< 10		ug/l	11/19/96	1461349
			B038	Isophorone	< 10		ug/l	11/19/96	1461348
	DUP OF	1461348	B038	Isophorone	< 10		ug/l	11/19/96	1461349
			B039	Naphthalene	< 10		ug/l	11/19/96	1461348
	DUP OF	1461348	B039	Naphthalene	< 10		ug/l	11/19/96	1461349
			B040	Nitrobenzene	< 10		ug/l	11/19/96	1461348
	DUP OF	1461348	B040	Nitrobenzene	< 10		ug/l	11/19/96	1461349
			B042	N-Nitroso-di-n-propylamine	< 10		ug/l	11/19/96	1461348
	DUP OF	1461348	B042	N-Nitroso-di-n-propylamine	< 10		ug/l	11/19/96	1461349
			B043	N-Nitrosodiphenylamine (1)	< 10		ug/l	11/19/96	1461348
	DUP OF	1461348	B043	N-Nitrosodiphenylamine (1)	< 10		ug/l	11/19/96	1461349
			B044	Phenanthrene	< 10		ug/l	11/19/96	1461348
	DUP OF	1461348	B044	Phenanthrene	< 10		ug/l	11/19/96	1461349
			B045	Pyrene	< 10		ug/l	11/19/96	1461348
	DUP OF	1461348	B045	Pyrene	< 10		ug/l	11/19/96	1461349
			B046	1,2,4-Trichlorobenzene	< 10		ug/l	11/19/96	1461348
	DUP OF	1461348	B046	1,2,4-Trichlorobenzene	< 10		ug/l	11/19/96	1461349
			B051	Benzyl Alcohol	< 10		ug/l	11/19/96	1461348
	DUP OF	1461348	B051	Benzyl Alcohol	< 10		ug/l	11/19/96	1461349
			B052	4-Chloroaniline	< 10		ug/l	11/19/96	1461348
	DUP OF	1461348	B052	4-Chloroaniline	< 10		ug/l	11/19/96	1461349
			B053	Dibenzofuran	< 10		ug/l	11/19/96	1461348
	DUP OF	1461348	B053	Dibenzofuran	< 10		ug/l	11/19/96	1461349
			B054	2-Methylnaphthalene	< 10		ug/l	11/19/96	1461348
	DUP OF	1461348	B054	2-Methylnaphthalene	< 10		ug/l	11/19/96	1461349
			B055	2-Nitroaniline	< 50		ug/l	11/19/96	1461348

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Groundwater Analytical Results
Semivolatile Organic Compounds
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
GW-85-M								
			Base/Neutral Organics					
	DUP OF 1461348	B055	2-Nitroaniline	< 50		ug/l	11/19/96	1461349
		B056	3-Nitroaniline	< 50		ug/l	11/19/96	1461348
	DUP OF 1461348	B056	3-Nitroaniline	< 50		ug/l	11/19/96	1461349
		B057	4-Nitroaniline	< 20		ug/l	11/19/96	1461348
	DUP OF 1461348	B057	4-Nitroaniline	< 20		ug/l	11/19/96	1461349
		B058	bis(2-Chloroisopropyl)ether	< 10		ug/l	11/19/96	1461348
	DUP OF 1461348	B058	bis(2-Chloroisopropyl)ether	< 10		ug/l	11/19/96	1461349
GW-86-D								
			Acid Extractable Organics					
		A001	Benzoic Acid	< 50		ug/l	12/19/96	1461409
		A002	2-Chlorophenol	< 10		ug/l	12/19/96	1461409
		A003	2,4-Dichlorophenol	< 10		ug/l	12/19/96	1461409
		A004	2,4-Dimethylphenol	< 10		ug/l	12/19/96	1461409
		A006	4,6-Dinitro-2-methylphenol	< 50		ug/l	12/19/96	1461409
		A007	2,4-Dinitrophenol	< 50		ug/l	12/19/96	1461409
		A008	2-Nitrophenol	< 10		ug/l	12/19/96	1461409
		A009	4-Nitrophenol	< 50		ug/l	12/19/96	1461409
		A011	Pentachlorophenol	< 50		ug/l	12/19/96	1461409
		A012	Phenol	< 10		ug/l	12/19/96	1461409
		A013	2,4,6-Trichlorophenol	< 10		ug/l	12/19/96	1461409
		A014	2,4,5-Trichlorophenol	< 50		ug/l	12/19/96	1461409
		A015	2-Methylphenol (o-Cresol)	< 10		ug/l	12/19/96	1461409
		A016	4-Methylphenol(p-Cresol)	< 10		ug/l	12/19/96	1461409
		A020	4-Chloro-3-methylphenol	< 10		ug/l	12/19/96	1461409
			Base/Neutral Organics					
		B001	Acenaphthene	< 10		ug/l	12/19/96	1461409
		B002	Acenaphthylene	< 10		ug/l	12/19/96	1461409
		B003	Anthracene	< 10		ug/l	12/19/96	1461409
		B005	Benzo(a)anthracene	< 10		ug/l	12/19/96	1461409
		B006	Benzo(a)Pyrene	< 10		ug/l	12/19/96	1461409
		B007	Benzo(b)fluoranthene	< 10		ug/l	12/19/96	1461409
		B008	Benzo(k)fluoranthene	< 10		ug/l	12/19/96	1461409
		B010	Benzo(g,h,i)perylene	< 10		ug/l	12/19/96	1461409
		B011	bis(2-Chloroethoxy)methane	< 10		ug/l	12/19/96	1461409
		B012	bis(2-Chloroethyl)ether	< 10		ug/l	12/19/96	1461409
		B013	bis(2-EthylHexyl)phthalate	1	JB	ug/l	12/19/96	1461409
		B014	4-Bromophenyl-phenylether	< 10		ug/l	12/19/96	1461409
		B015	Butylbenzylphthalate	< 10		ug/l	12/19/96	1461409
		B016	2-Chloronaphthalene	< 10		ug/l	12/19/96	1461409
		B017	4-Chlorophenyl-phenylether	< 10		ug/l	12/19/96	1461409
		B018	Chrysene	< 10		ug/l	12/19/96	1461409
		B019	Dibenzo(a,h)anthracene	< 10		ug/l	12/19/96	1461409
		B020	1,2-Dichlorobenzene	< 10		ug/l	12/19/96	1461409
		B021	1,3-Dichlorobenzene	< 10		ug/l	12/19/96	1461409
		B022	1,4-Dichlorobenzene	< 10		ug/l	12/19/96	1461409
		B023	3,3'-Dichlorobenzidine	< 20		ug/l	12/19/96	1461409
		B024	Diethylphthalate	< 10		ug/l	12/19/96	1461409
		B025	Dimethylphthalate	< 10		ug/l	12/19/96	1461409
		B026	Di-n-butylphthalate	0.5	JB	ug/l	12/19/96	1461409
		B027	2,4-Dinitrotoluene	< 10		ug/l	12/19/96	1461409
		B028	2,6-Dinitrotoluene	< 10		ug/l	12/19/96	1461409
		B029	Di-n-octylphthalate	< 10		ug/l	12/19/96	1461409
		B031	Fluoranthene	< 10		ug/l	12/19/96	1461409
		B032	Fluorene	< 10		ug/l	12/19/96	1461409
		B033	Hexachlorobenzene	< 10		ug/l	12/19/96	1461409
		B034	Hexachlorobutadiene	< 10		ug/l	12/19/96	1461409
		B035	Hexachlorocyclopentadiene	< 10		ug/l	12/19/96	1461409
		B036	Hexachloroethane	< 10		ug/l	12/19/96	1461409

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Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
GW-86-D								
			Base/Neutral Organics					
		B037	Indeno (1,2,3-cd) pyrene	< 10		ug/l	12/19/96	1461409
		B038	Isophorone	< 10		ug/l	12/19/96	1461409
		B039	Naphthalene	< 10		ug/l	12/19/96	1461409
		B040	Nitrobenzene	< 10		ug/l	12/19/96	1461409
		B042	N-Nitroso-di-n-propylamine	< 10		ug/l	12/19/96	1461409
		B043	N-Nitrosodiphenylamine (1)	< 10		ug/l	12/19/96	1461409
		B044	Phenanthrene	< 10		ug/l	12/19/96	1461409
		B045	Pyrene	0.5	J	ug/l	12/19/96	1461409
		B046	1,2,4-Trichlorobenzene	< 10		ug/l	12/19/96	1461409
		B051	Benzyl Alcohol	< 10		ug/l	12/19/96	1461409
		B052	4-Chloroaniline	< 10		ug/l	12/19/96	1461409
		B053	Dibenzofuran	< 10		ug/l	12/19/96	1461409
		B054	2-Methylnaphthalene	< 10		ug/l	12/19/96	1461409
		B055	2-Nitroaniline	< 50		ug/l	12/19/96	1461409
		B056	3-Nitroaniline	< 50		ug/l	12/19/96	1461409
		B057	4-Nitroaniline	< 20		ug/l	12/19/96	1461409
		B058	bis(2-Chloroisopropyl)ether	< 10		ug/l	12/19/96	1461409
GW-86-M								
			Acid Extractable Organics					
		A001	Benzoic Acid	< 50		ug/l	12/19/96	1461407
		A002	2-Chlorophenol	< 10		ug/l	12/19/96	1461407
		A003	2,4-Dichlorophenol	< 10		ug/l	12/19/96	1461407
		A004	2,4-Dimethylphenol	< 10		ug/l	12/19/96	1461407
		A006	4,6-Dinitro-2-methylphenol	< 50		ug/l	12/19/96	1461407
		A007	2,4-Dinitrophenol	< 50		ug/l	12/19/96	1461407
		A008	2-Nitrophenol	< 10		ug/l	12/19/96	1461407
		A009	4-Nitrophenol	< 50		ug/l	12/19/96	1461407
		A011	Pentachlorophenol	< 50		ug/l	12/19/96	1461407
		A012	Phenol	< 10		ug/l	12/19/96	1461407
		A013	2,4,6-Trichlorophenol	< 10		ug/l	12/19/96	1461407
		A014	2,4,5-Trichlorophenol	< 50		ug/l	12/19/96	1461407
		A015	2-Methylphenol (o-Cresol)	< 10		ug/l	12/19/96	1461407
		A016	4-Methylphenol(p-Cresol)	< 10		ug/l	12/19/96	1461407
		A020	4-Chloro-3-methylphenol	< 10		ug/l	12/19/96	1461407
			Base/Neutral Organics					
		B001	Acenaphthene	< 10		ug/l	12/19/96	1461407
		B002	Acenaphthylene	< 10		ug/l	12/19/96	1461407
		B003	Anthracene	< 10		ug/l	12/19/96	1461407
		B005	Benzo(a)anthracene	< 10		ug/l	12/19/96	1461407
		B006	Benzo(a)Pyrene	< 10		ug/l	12/19/96	1461407
		B007	Benzo(b)fluoranthene	< 10		ug/l	12/19/96	1461407
		B008	Benzo(k)fluoranthene	< 10		ug/l	12/19/96	1461407
		B010	Benzo(g,h,i)perylene	< 10		ug/l	12/19/96	1461407
		B011	bis(2-Chloroethoxy)methane	< 10		ug/l	12/19/96	1461407
		B012	bis(2-Chloroethyl)ether	< 10		ug/l	12/19/96	1461407
		B013	bis(2-EthylHexyl)phthalate	< 10		ug/l	12/19/96	1461407
		B014	4-Bromophenyl-phenylether	< 10		ug/l	12/19/96	1461407
		B015	Butylbenzylphthalate	< 10		ug/l	12/19/96	1461407
		B016	2-Chloronaphthalene	< 10		ug/l	12/19/96	1461407
		B017	4-Chlorophenyl-phenylether	< 10		ug/l	12/19/96	1461407
		B018	Chrysene	< 10		ug/l	12/19/96	1461407
		B019	Dibenzo(a,h)anthracene	< 10		ug/l	12/19/96	1461407
		B020	1,2-Dichlorobenzene	< 10		ug/l	12/19/96	1461407
		B021	1,3-Dichlorobenzene	< 10		ug/l	12/19/96	1461407
		B022	1,4-Dichlorobenzene	< 10		ug/l	12/19/96	1461407
		B023	3,3'-Dichlorobenzidine	< 20		ug/l	12/19/96	1461407
		B024	Diethylphthalate	< 10		ug/l	12/19/96	1461407
		B025	Dimethylphthalate	< 10		ug/l	12/19/96	1461407

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Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
GW-86-M								
			Base/Neutral Organics					
		B026	Di-n-butylphthalate	.9	JB	ug/l	12/19/96	1461407
		B027	2,4-Dinitrotoluene	< 10		ug/l	12/19/96	1461407
		B028	2,6-Dinitrotoluene	< 10		ug/l	12/19/96	1461407
		B029	Di-n-octylphthalate	< 10		ug/l	12/19/96	1461407
		B031	Fluoranthene	< 10		ug/l	12/19/96	1461407
		B032	Fluorene	< 10		ug/l	12/19/96	1461407
		B033	Hexachlorobenzene	< 10		ug/l	12/19/96	1461407
		B034	Hexachlorobutadiene	< 10		ug/l	12/19/96	1461407
		B035	Hexachlorocyclopentadiene	< 10		ug/l	12/19/96	1461407
		B036	Hexachloroethane	< 10		ug/l	12/19/96	1461407
		B037	Indeno (1,2,3-cd) pyrene	< 10		ug/l	12/19/96	1461407
		B038	Isophorone	< 10		ug/l	12/19/96	1461407
		B039	Naphthalene	< 10		ug/l	12/19/96	1461407
		B040	Nitrobenzene	< 10		ug/l	12/19/96	1461407
		B042	N-Nitroso-di-n-propylamine	< 10		ug/l	12/19/96	1461407
		B043	N-Nitrosodiphenylamine (1)	< 10		ug/l	12/19/96	1461407
		B044	Phenanthrene	< 10		ug/l	12/19/96	1461407
		B045	Pyrene	< 10		ug/l	12/19/96	1461407
		B046	1,2,4-Trichlorobenzene	< 10		ug/l	12/19/96	1461407
		B051	Benzyl Alcohol	< 10		ug/l	12/19/96	1461407
		B052	4-Chloroaniline	< 10		ug/l	12/19/96	1461407
		B053	Dibenzofuran	< 10		ug/l	12/19/96	1461407
		B054	2-Methylnaphthalene	< 10		ug/l	12/19/96	1461407
		B055	2-Nitroaniline	< 50		ug/l	12/19/96	1461407
		B056	3-Nitroaniline	< 50		ug/l	12/19/96	1461407
		B057	4-Nitroaniline	< 20		ug/l	12/19/96	1461407
		B058	bis(2-Chloroisopropyl)ether	< 10		ug/l	12/19/96	1461407
GW-86-S								
			Acid Extractable Organics					
		A001	Benzoic Acid	< 50		ug/l	12/19/96	1461405
		A002	2-Chlorophenol	< 10		ug/l	12/19/96	1461405
		A003	2,4-Dichlorophenol	< 10		ug/l	12/19/96	1461405
		A004	2,4-Dimethylphenol	< 10		ug/l	12/19/96	1461405
		A006	4,6-Dinitro-2-methylphenol	< 50		ug/l	12/19/96	1461405
		A007	2,4-Dinitrophenol	< 50		ug/l	12/19/96	1461405
		A008	2-Nitrophenol	< 10		ug/l	12/19/96	1461405
		A009	4-Nitrophenol	< 50		ug/l	12/19/96	1461405
		A011	Pentachlorophenol	< 50		ug/l	12/19/96	1461405
		A012	Phenol	< 10		ug/l	12/19/96	1461405
		A013	2,4,6-Trichlorophenol	< 10		ug/l	12/19/96	1461405
		A014	2,4,5-Trichlorophenol	< 50		ug/l	12/19/96	1461405
		A015	2-Methylphenol (o-Cresol)	< 10		ug/l	12/19/96	1461405
		A016	4-Methylphenol(p-Cresol)	< 10		ug/l	12/19/96	1461405
		A020	4-Chloro-3-methylphenol	< 10		ug/l	12/19/96	1461405
			Base/Neutral Organics					
		B001	Acenaphthene	< 10		ug/l	12/19/96	1461405
		B002	Acenaphthylene	< 10		ug/l	12/19/96	1461405
		B003	Anthracene	< 10		ug/l	12/19/96	1461405
		B005	Benzo(a)anthracene	< 10		ug/l	12/19/96	1461405
		B006	Benzo(a)Pyrene	< 10		ug/l	12/19/96	1461405
		B007	Benzo(b)fluoranthene	< 10		ug/l	12/19/96	1461405
		B008	Benzo(k)fluoranthene	< 10		ug/l	12/19/96	1461405
		B010	Benzo(g,h,i)perylene	< 10		ug/l	12/19/96	1461405
		B011	bis(2-Chloroethoxy)methane	< 10		ug/l	12/19/96	1461405
		B012	bis(2-Chloroethyl)ether	< 10		ug/l	12/19/96	1461405
		B013	bis(2-EthylHexyl)phthalate	0.4	JB	ug/l	12/19/96	1461405
		B014	4-Bromophenyl-phenylether	< 10		ug/l	12/19/96	1461405
		B015	Butylbenzylphthalate	< 10		ug/l	12/19/96	1461405

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TABLE 2-20
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Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
GW-86-S								
			Base/Neutral Organics					
		B016	2-Chloronaphthalene	< 10		ug/l	12/19/96	1461405
		B017	4-Chlorophenyl-phenylether	< 10		ug/l	12/19/96	1461405
		B018	Chrysene	< 10		ug/l	12/19/96	1461405
		B019	Dibenzo(a,h)anthracene	< 10		ug/l	12/19/96	1461405
		B020	1,2-Dichlorobenzene	< 10		ug/l	12/19/96	1461405
		B021	1,3-Dichlorobenzene	< 10		ug/l	12/19/96	1461405
		B022	1,4-Dichlorobenzene	< 10		ug/l	12/19/96	1461405
		B023	3,3'-Dichlorobenzidine	< 20		ug/l	12/19/96	1461405
		B024	Diethylphthalate	< 10		ug/l	12/19/96	1461405
		B025	Dimethylphthalate	< 10		ug/l	12/19/96	1461405
		B026	Di-n-butylphthalate	0.5	JB	ug/l	12/19/96	1461405
		B027	2,4-Dinitrotoluene	< 10		ug/l	12/19/96	1461405
		B028	2,6-Dinitrotoluene	< 10		ug/l	12/19/96	1461405
		B029	Di-n-octylphthalate	< 10		ug/l	12/19/96	1461405
		B031	Fluoranthene	< 10		ug/l	12/19/96	1461405
		B032	Fluorene	< 10		ug/l	12/19/96	1461405
		B033	Hexachlorobenzene	< 10		ug/l	12/19/96	1461405
		B034	Hexachlorobutadiene	< 10		ug/l	12/19/96	1461405
		B035	Hexachlorocyclopentadiene	< 10		ug/l	12/19/96	1461405
		B036	Hexachloroethane	< 10		ug/l	12/19/96	1461405
		B037	Indeno (1,2,3-cd) pyrene	< 10		ug/l	12/19/96	1461405
		B038	Isophorone	< 10		ug/l	12/19/96	1461405
		B039	Naphthalene	< 10		ug/l	12/19/96	1461405
		B040	Nitrobenzene	< 10		ug/l	12/19/96	1461405
		B042	N-Nitroso-di-n-propylamine	< 10		ug/l	12/19/96	1461405
		B043	N-Nitrosodiphenylamine (1)	< 10		ug/l	12/19/96	1461405
		B044	Phenanthrene	< 10		ug/l	12/19/96	1461405
		B045	Pyrene	< 10		ug/l	12/19/96	1461405
		B046	1,2,4-Trichlorobenzene	< 10		ug/l	12/19/96	1461405
		B051	Benzyl Alcohol	< 10		ug/l	12/19/96	1461405
		B052	4-Chloroaniline	< 10		ug/l	12/19/96	1461405
		B053	Dibenzofuran	< 10		ug/l	12/19/96	1461405
		B054	2-Methylnaphthalene	< 10		ug/l	12/19/96	1461405
		B055	2-Nitroaniline	< 50		ug/l	12/19/96	1461405
		B056	3-Nitroaniline	< 50		ug/l	12/19/96	1461405
		B057	4-Nitroaniline	< 20		ug/l	12/19/96	1461405
		B058	bis(2-Chloroisopropyl)ether	< 10		ug/l	12/19/96	1461405
GW-87-D								
			Acid Extractable Organics					
		A001	Benzoic Acid	< 50		ug/l	12/19/96	1461411
		A002	2-Chlorophenol	< 10		ug/l	12/19/96	1461411
		A003	2,4-Dichlorophenol	< 10		ug/l	12/19/96	1461411
		A004	2,4-Dimethylphenol	< 10		ug/l	12/19/96	1461411
		A006	4,6-Dinitro-2-methylphenol	< 50		ug/l	12/19/96	1461411
		A007	2,4-Dinitrophenol	< 50		ug/l	12/19/96	1461411
		A008	2-Nitrophenol	< 10		ug/l	12/19/96	1461411
		A009	4-Nitrophenol	< 50		ug/l	12/19/96	1461411
		A011	Pentachlorophenol	< 50		ug/l	12/19/96	1461411
		A012	Phenol	< 10		ug/l	12/19/96	1461411
		A013	2,4,6-Trichlorophenol	< 10		ug/l	12/19/96	1461411
		A014	2,4,5-Trichlorophenol	< 50		ug/l	12/19/96	1461411
		A015	2-Methylphenol (o-Cresol)	< 10		ug/l	12/19/96	1461411
		A016	4-Methylphenol(p-Cresol)	< 10		ug/l	12/19/96	1461411
		A020	4-Chloro-3-methylphenol	< 10		ug/l	12/19/96	1461411
			Base/Neutral Organics					
		B001	Acenaphthene	< 10		ug/l	12/19/96	1461411
		B002	Acenaphthylene	< 10		ug/l	12/19/96	1461411
		B003	Anthracene	< 10		ug/l	12/19/96	1461411

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TABLE 2-20
Groundwater Analytical Results
Semivolatile Organic Compounds
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
GW-87-D			Base/Neutral Organics					
		B005	Benzo(a)anthracene	< 10		ug/l	12/19/96	1461411
		B006	Benzo(a)Pyrene	< 10		ug/l	12/19/96	1461411
		B007	Benzo(b)fluoranthene	< 10		ug/l	12/19/96	1461411
		B008	Benzo(k)fluoranthene	< 10		ug/l	12/19/96	1461411
		B010	Benzo(g,h,i)perylene	< 10		ug/l	12/19/96	1461411
		B011	bis(2-Chloroethoxy)methane	< 10		ug/l	12/19/96	1461411
		B012	bis(2-Chloroethyl)ether	< 10		ug/l	12/19/96	1461411
		B013	bis(2-EthylHexyl)phthalate	< 10		ug/l	12/19/96	1461411
		B014	4-Bromophenyl-phenylether	< 10		ug/l	12/19/96	1461411
		B015	Butylbenzylphthalate	< 10		ug/l	12/19/96	1461411
		B016	2-Chloronaphthalene	< 10		ug/l	12/19/96	1461411
		B017	4-Chlorophenyl-phenylether	< 10		ug/l	12/19/96	1461411
		B018	Chrysene	< 10		ug/l	12/19/96	1461411
		B019	Dibenzo(a,h)anthracene	< 10		ug/l	12/19/96	1461411
		B020	1,2-Dichlorobenzene	< 10		ug/l	12/19/96	1461411
		B021	1,3-Dichlorobenzene	< 10		ug/l	12/19/96	1461411
		B022	1,4-Dichlorobenzene	< 10		ug/l	12/19/96	1461411
		B023	3,3'-Dichlorobenzidine	< 20		ug/l	12/19/96	1461411
		B024	Diethylphthalate	< 10		ug/l	12/19/96	1461411
		B025	Dimethylphthalate	< 10		ug/l	12/19/96	1461411
		B026	Di-n-butylphthalate	0.4	JB	ug/l	12/19/96	1461411
		B027	2,4-Dinitrotoluene	< 10		ug/l	12/19/96	1461411
		B028	2,6-Dinitrotoluene	< 10		ug/l	12/19/96	1461411
		B029	Di-n-octylphthalate	< 10		ug/l	12/19/96	1461411
		B031	Fluoranthene	< 10		ug/l	12/19/96	1461411
		B032	Fluorene	< 10		ug/l	12/19/96	1461411
		B033	Hexachlorobenzene	< 10		ug/l	12/19/96	1461411
		B034	Hexachlorobutadiene	< 10		ug/l	12/19/96	1461411
		B035	Hexachlorocyclopentadiene	< 10		ug/l	12/19/96	1461411
		B036	Hexachloroethane	< 10		ug/l	12/19/96	1461411
		B037	Indeno (1,2,3-cd) pyrene	< 10		ug/l	12/19/96	1461411
		B038	Isophorone	< 10		ug/l	12/19/96	1461411
		B039	Naphthalene	< 10		ug/l	12/19/96	1461411
		B040	Nitrobenzene	< 10		ug/l	12/19/96	1461411
		B042	N-Nitroso-di-n-propylamine	< 10		ug/l	12/19/96	1461411
		B043	N-Nitrosodiphenylamine (1)	< 10		ug/l	12/19/96	1461411
		B044	Phenanthrene	< 10		ug/l	12/19/96	1461411
		B045	Pyrene	< 10		ug/l	12/19/96	1461411
		B046	1,2,4-Trichlorobenzene	< 10		ug/l	12/19/96	1461411
		B051	Benzyl Alcohol	< 10		ug/l	12/19/96	1461411
		B052	4-Chloroaniline	< 10		ug/l	12/19/96	1461411
		B053	Dibenzofuran	< 10		ug/l	12/19/96	1461411
		B054	2-Methylnaphthalene	< 10		ug/l	12/19/96	1461411
		B055	2-Nitroaniline	< 50		ug/l	12/19/96	1461411
		B056	3-Nitroaniline	< 50		ug/l	12/19/96	1461411
		B057	4-Nitroaniline	< 20		ug/l	12/19/96	1461411
		B058	bis(2-Chloroisopropyl)ether	< 10		ug/l	12/19/96	1461411
IW-11			Acid Extractable Organics					
		A001	Benzoic Acid	< 1000		ug/l	12/18/96	1461381
		A002	2-Chlorophenol	< 200		ug/l	12/18/96	1461381
		A003	2,4-Dichlorophenol	< 200		ug/l	12/18/96	1461381
		A004	2,4-Dimethylphenol	< 200		ug/l	12/18/96	1461381
		A006	4,6-Dinitro-2-methylphenol	< 1000		ug/l	12/18/96	1461381
		A007	2,4-Dinitrophenol	< 1000		ug/l	12/18/96	1461381
		A008	2-Nitrophenol	< 200		ug/l	12/18/96	1461381
		A009	4-Nitrophenol	< 1000		ug/l	12/18/96	1461381
		A011	Pentachlorophenol	< 1000		ug/l	12/18/96	1461381

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TABLE 2-20
Groundwater Analytical Results
Semivolatile Organic Compounds
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
IW-11								
			Acid Extractable Organics					
		A012	Phenol	< 200		ug/l	12/18/96	1461381
		A013	2,4,6-Trichlorophenol	< 200		ug/l	12/18/96	1461381
		A014	2,4,5-Trichlorophenol	< 1000		ug/l	12/18/96	1461381
		A015	2-Methylphenol (o-Cresol)	< 200		ug/l	12/18/96	1461381
		A016	4-Methylphenol(p-Cresol)	< 200		ug/l	12/18/96	1461381
		A020	4-Chloro-3-methylphenol	< 200		ug/l	12/18/96	1461381
			Base/Neutral Organics					
		B001	Acenaphthene	< 200		ug/l	12/18/96	1461381
		B002	Acenaphthylene	< 200		ug/l	12/18/96	1461381
		B003	Anthracene	< 200		ug/l	12/18/96	1461381
		B005	Benzo(a)anthracene	< 200		ug/l	12/18/96	1461381
		B006	Benzo(a)Pyrene	< 200		ug/l	12/18/96	1461381
		B007	Benzo(b)fluoranthene	< 200		ug/l	12/18/96	1461381
		B008	Benzo(k)fluoranthene	< 200		ug/l	12/18/96	1461381
		B010	Benzo(g,h,i)perylene	< 200		ug/l	12/18/96	1461381
		B011	bis(2-Chloroethoxy)methane	< 200		ug/l	12/18/96	1461381
		B012	bis(2-Chloroethyl)ether	< 200		ug/l	12/18/96	1461381
		B013	bis(2-EthylHexyl)phthalate	30	JB	ug/l	12/18/96	1461381
		B014	4-Bromophenyl-phenylether	< 200		ug/l	12/18/96	1461381
		B015	Butylbenzylphthalate	< 200		ug/l	12/18/96	1461381
		B016	2-Chloronaphthalene	< 200		ug/l	12/18/96	1461381
		B017	4-Chlorophenyl-phenylether	< 200		ug/l	12/18/96	1461381
		B018	Chrysene	< 200		ug/l	12/18/96	1461381
		B019	Dibenzo(a,h)anthracene	< 200		ug/l	12/18/96	1461381
		B020	1,2-Dichlorobenzene	< 200		ug/l	12/18/96	1461381
		B021	1,3-Dichlorobenzene	< 200		ug/l	12/18/96	1461381
		B022	1,4-Dichlorobenzene	< 200		ug/l	12/18/96	1461381
		B023	3,3'-Dichlorobenzidine	< 400		ug/l	12/18/96	1461381
		B024	Diethylphthalate	11	J	ug/l	12/18/96	1461381
		B025	Dimethylphthalate	< 200		ug/l	12/18/96	1461381
		B026	Di-n-butylphthalate	6	JB	ug/l	12/18/96	1461381
		B027	2,4-Dinitrotoluene	< 200		ug/l	12/18/96	1461381
		B028	2,6-Dinitrotoluene	< 200		ug/l	12/18/96	1461381
		B029	Di-n-octylphthalate	< 200		ug/l	12/18/96	1461381
		B031	Fluoranthene	< 200		ug/l	12/18/96	1461381
		B032	Fluorene	< 200		ug/l	12/18/96	1461381
		B033	Hexachlorobenzene	< 200		ug/l	12/18/96	1461381
		B034	Hexachlorobutadiene	< 200		ug/l	12/18/96	1461381
		B035	Hexachlorocyclopentadiene	< 200		ug/l	12/18/96	1461381
		B036	Hexachloroethane	< 200		ug/l	12/18/96	1461381
		B037	Indeno (1,2,3-cd) pyrene	< 200		ug/l	12/18/96	1461381
		B038	Isophorone	< 200		ug/l	12/18/96	1461381
		B039	Naphthalene	< 200		ug/l	12/18/96	1461381
		B040	Nitrobenzene	< 200		ug/l	12/18/96	1461381
		B042	N-Nitroso-di-n-propylamine	< 200		ug/l	12/18/96	1461381
		B043	N-Nitrosodiphenylamine (1)	950		ug/l	12/18/96	1461381
		B044	Phenanthrene	< 200		ug/l	12/18/96	1461381
		B045	Pyrene	< 200		ug/l	12/18/96	1461381
		B046	1,2,4-Trichlorobenzene	< 200		ug/l	12/18/96	1461381
		B051	Benzyl Alcohol	< 200		ug/l	12/18/96	1461381
		B052	4-Chloroaniline	< 200		ug/l	12/18/96	1461381
		B053	Dibenzofuran	< 200		ug/l	12/18/96	1461381
		B054	2-Methylnaphthalene	< 200		ug/l	12/18/96	1461381
		B055	2-Nitroaniline	< 1000		ug/l	12/18/96	1461381
		B056	3-Nitroaniline	< 1000		ug/l	12/18/96	1461381
		B057	4-Nitroaniline	< 400		ug/l	12/18/96	1461381
		B058	bis(2-Chloroisopropyl)ether	< 200		ug/l	12/18/96	1461381

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TABLE 2-20
Groundwater Analytical Results
Semivolatile Organic Compounds
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
IW-12								
			Acid Extractable Organics					
		A001	Benzoic Acid	3	J	ug/l	01/24/97	1461582
		A002	2-Chlorophenol	< 20		ug/l	01/24/97	1461582
		A003	2,4-Dichlorophenol	< 20		ug/l	01/24/97	1461582
		A004	2,4-Dimethylphenol	< 20		ug/l	01/24/97	1461582
		A006	4,6-Dinitro-2-methylphenol	< 100		ug/l	01/24/97	1461582
		A007	2,4-Dinitrophenol	< 100		ug/l	01/24/97	1461582
		A008	2-Nitrophenol	< 20		ug/l	01/24/97	1461582
		A009	4-Nitrophenol	< 100		ug/l	01/24/97	1461582
		A011	Pentachlorophenol	< 100		ug/l	01/24/97	1461582
		A012	Phenol	< 20		ug/l	01/24/97	1461582
		A013	2,4,6-Trichlorophenol	< 20		ug/l	01/24/97	1461582
		A014	2,4,5-Trichlorophenol	< 100		ug/l	01/24/97	1461582
		A015	2-Methylphenol (o-Cresol)	< 20		ug/l	01/24/97	1461582
		A016	4-Methylphenol(p-Cresol)	< 20		ug/l	01/24/97	1461582
		A020	4-Chloro-3-methylphenol	< 20		ug/l	01/24/97	1461582
			Base/Neutral Organics					
		B001	Acenaphthene	< 20		ug/l	01/24/97	1461582
		B002	Acenaphthylene	< 20		ug/l	01/24/97	1461582
		B003	Anthracene	< 20		ug/l	01/24/97	1461582
		B005	Benzo(a)anthracene	< 20		ug/l	01/24/97	1461582
		B006	Benzo(a)Pyrene	< 20		ug/l	01/24/97	1461582
		B007	Benzo(b)fluoranthene	< 20		ug/l	01/24/97	1461582
		B008	Benzo(k)fluoranthene	< 20		ug/l	01/24/97	1461582
		B010	Benzo(g,h,i)perylene	< 20		ug/l	01/24/97	1461582
		B011	bis(2-Chloroethoxy)methane	< 20		ug/l	01/24/97	1461582
		B012	bis(2-Chloroethyl)ether	< 20		ug/l	01/24/97	1461582
		B013	bis(2-EthylHexyl)phthalate	2	JB	ug/l	01/24/97	1461582
		B014	4-Bromophenyl-phenylether	< 20		ug/l	01/24/97	1461582
		B015	Butylbenzylphthalate	< 20		ug/l	01/24/97	1461582
		B016	2-Chloronaphthalene	< 20		ug/l	01/24/97	1461582
		B017	4-Chlorophenyl-phenylether	< 20		ug/l	01/24/97	1461582
		B018	Chrysene	< 20		ug/l	01/24/97	1461582
		B019	Dibenzo(a,h)anthracene	< 20		ug/l	01/24/97	1461582
		B020	1,2-Dichlorobenzene	< 20		ug/l	01/24/97	1461582
		B021	1,3-Dichlorobenzene	< 20		ug/l	01/24/97	1461582
		B022	1,4-Dichlorobenzene	< 20		ug/l	01/24/97	1461582
		B023	3,3'-Dichlorobenzidine	< 40		ug/l	01/24/97	1461582
		B024	Diethylphthalate	< 20		ug/l	01/24/97	1461582
		B025	Dimethylphthalate	< 20		ug/l	01/24/97	1461582
		B026	Di-n-butylphthalate	1	J	ug/l	01/24/97	1461582
		B027	2,4-Dinitrotoluene	< 20		ug/l	01/24/97	1461582
		B028	2,6-Dinitrotoluene	< 20		ug/l	01/24/97	1461582
		B029	Di-n-octylphthalate	< 20		ug/l	01/24/97	1461582
		B031	Fluoranthene	< 20		ug/l	01/24/97	1461582
		B032	Fluorene	< 20		ug/l	01/24/97	1461582
		B033	Hexachlorobenzene	< 20		ug/l	01/24/97	1461582
		B034	Hexachlorobutadiene	< 20		ug/l	01/24/97	1461582
		B035	Hexachlorocyclopentadiene	< 20		ug/l	01/24/97	1461582
		B036	Hexachloroethane	< 20		ug/l	01/24/97	1461582
		B037	Indeno (1,2,3-cd) pyrene	< 20		ug/l	01/24/97	1461582
		B038	Isophorone	< 20		ug/l	01/24/97	1461582
		B039	Naphthalene	< 20		ug/l	01/24/97	1461582
		B040	Nitrobenzene	< 20		ug/l	01/24/97	1461582
		B042	N-Nitroso-di-n-propylamine	< 20		ug/l	01/24/97	1461582
		B043	N-Nitrosodiphenylamine (1)	150		ug/l	01/24/97	1461582
		B044	Phenanthrene	< 20		ug/l	01/24/97	1461582
		B045	Pyrene	< 20		ug/l	01/24/97	1461582
		B046	1,2,4-Trichlorobenzene	< 20		ug/l	01/24/97	1461582
		B051	Benzyl Alcohol	< 20		ug/l	01/24/97	1461582

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TABLE 2-20
Groundwater Analytical Results
Semivolatile Organic Compounds
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
IW-12								
			Base/Neutral Organics					
		B052	4-Chloroaniline	< 20		ug/l	01/24/97	1461582
		B053	Dibenzofuran	< 20		ug/l	01/24/97	1461582
		B054	2-Methylnaphthalene	< 20		ug/l	01/24/97	1461582
		B055	2-Nitroaniline	< 100		ug/l	01/24/97	1461582
		B056	3-Nitroaniline	< 100		ug/l	01/24/97	1461582
		B057	4-Nitroaniline	< 40		ug/l	01/24/97	1461582
		B058	bis(2-Chloroisopropyl)ether	< 20		ug/l	01/24/97	1461582
IW-13								
			Acid Extractable Organics					
		A001	Benzoic Acid	< 100		ug/l	01/24/97	1461584
		A002	2-Chlorophenol	< 20		ug/l	01/24/97	1461584
		A003	2,4-Dichlorophenol	< 20		ug/l	01/24/97	1461584
		A004	2,4-Dimethylphenol	< 20		ug/l	01/24/97	1461584
		A006	4,6-Dinitro-2-methylphenol	< 100		ug/l	01/24/97	1461584
		A007	2,4-Dinitrophenol	< 100		ug/l	01/24/97	1461584
		A008	2-Nitrophenol	< 20		ug/l	01/24/97	1461584
		A009	4-Nitrophenol	< 100		ug/l	01/24/97	1461584
		A011	Pentachlorophenol	< 100		ug/l	01/24/97	1461584
		A012	Phenol	5	J	ug/l	01/24/97	1461584
		A013	2,4,6-Trichlorophenol	< 20		ug/l	01/24/97	1461584
		A014	2,4,5-Trichlorophenol	< 100		ug/l	01/24/97	1461584
		A015	2-Methylphenol (o-Cresol)	< 20		ug/l	01/24/97	1461584
		A016	4-Methylphenol(p-Cresol)	< 20		ug/l	01/24/97	1461584
		A020	4-Chloro-3-methylphenol	< 20		ug/l	01/24/97	1461584
			Base/Neutral Organics					
		B001	Acenaphthene	< 20		ug/l	01/24/97	1461584
		B002	Acenaphthylene	< 20		ug/l	01/24/97	1461584
		B003	Anthracene	< 20		ug/l	01/24/97	1461584
		B005	Benzo(a)anthracene	< 20		ug/l	01/24/97	1461584
		B006	Benzo(a)Pyrene	< 20		ug/l	01/24/97	1461584
		B007	Benzo(b)fluoranthene	< 20		ug/l	01/24/97	1461584
		B008	Benzo(k)fluoranthene	< 20		ug/l	01/24/97	1461584
		B010	Benzo(g,h,i)perylene	< 20		ug/l	01/24/97	1461584
		B011	bis(2-Chloroethoxy)methane	< 20		ug/l	01/24/97	1461584
		B012	bis(2-Chloroethyl)ether	< 20		ug/l	01/24/97	1461584
		B013	bis(2-EthylHexyl)phthalate	2	JB	ug/l	01/24/97	1461584
		B014	4-Bromophenyl-phenylether	< 20		ug/l	01/24/97	1461584
		B015	Butylbenzylphthalate	< 20		ug/l	01/24/97	1461584
		B016	2-Chloronaphthalene	< 20		ug/l	01/24/97	1461584
		B017	4-Chlorophenyl-phenylether	< 20		ug/l	01/24/97	1461584
		B018	Chrysene	< 20		ug/l	01/24/97	1461584
		B019	Dibenzo(a,h)anthracene	< 20		ug/l	01/24/97	1461584
		B020	1,2-Dichlorobenzene	< 20		ug/l	01/24/97	1461584
		B021	1,3-Dichlorobenzene	< 20		ug/l	01/24/97	1461584
		B022	1,4-Dichlorobenzene	< 20		ug/l	01/24/97	1461584
		B023	3,3'-Dichlorobenzidine	< 40		ug/l	01/24/97	1461584
		B024	Diethylphthalate	< 20		ug/l	01/24/97	1461584
		B025	Dimethylphthalate	< 20		ug/l	01/24/97	1461584
		B026	Di-n-butylphthalate	< 20		ug/l	01/24/97	1461584
		B027	2,4-Dinitrotoluene	< 20		ug/l	01/24/97	1461584
		B028	2,6-Dinitrotoluene	< 20		ug/l	01/24/97	1461584
		B029	Di-n-octylphthalate	< 20		ug/l	01/24/97	1461584
		B031	Fluoranthene	< 20		ug/l	01/24/97	1461584
		B032	Fluorene	< 20		ug/l	01/24/97	1461584
		B033	Hexachlorobenzene	< 20		ug/l	01/24/97	1461584
		B034	Hexachlorobutadiene	< 20		ug/l	01/24/97	1461584
		B035	Hexachlorocyclopentadiene	< 20		ug/l	01/24/97	1461584
		B036	Hexachloroethane	< 20		ug/l	01/24/97	1461584

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TABLE 2-20
Groundwater Analytical Results
Semivolatile Organic Compounds
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
IW-13								
			Base/Neutral Organics					
		B037	Indeno (1,2,3-cd) pyrene	< 20		ug/l	01/24/97	1461584
		B038	Isophorone	< 20		ug/l	01/24/97	1461584
		B039	Naphthalene	< 20		ug/l	01/24/97	1461584
		B040	Nitrobenzene	< 20		ug/l	01/24/97	1461584
		B042	N-Nitroso-di-n-propylamine	< 20		ug/l	01/24/97	1461584
		B043	N-Nitrosodiphenylamine (1)	94		ug/l	01/24/97	1461584
		B044	Phenanthrene	< 20		ug/l	01/24/97	1461584
		B045	Pyrene	< 20		ug/l	01/24/97	1461584
		B046	1,2,4-Trichlorobenzene	< 20		ug/l	01/24/97	1461584
		B051	Benzyl Alcohol	< 20		ug/l	01/24/97	1461584
		B052	4-Chloroaniline	< 20		ug/l	01/24/97	1461584
		B053	Dibenzofuran	< 20		ug/l	01/24/97	1461584
		B054	2-Methylnaphthalene	< 20		ug/l	01/24/97	1461584
		B055	2-Nitroaniline	< 100		ug/l	01/24/97	1461584
		B056	3-Nitroaniline	< 100		ug/l	01/24/97	1461584
		B057	4-Nitroaniline	< 40		ug/l	01/24/97	1461584
		B058	bis(2-Chloroisopropyl)ether	< 20		ug/l	01/24/97	1461584
M-24/L-54								
			Base/Neutral Organics					
		B001	Acenaphthene	< 0.1		ug/l	08/12/96	1461029
		B003	Anthracene	< 0.1		ug/l	08/12/96	1461029
		B005	Benzo(a)anthracene	< 0.1		ug/l	08/12/96	1461029
		B006	Benzo(a)Pyrene	< 0.02		ug/l	08/12/96	1461029
		B007	Benzo(b)fluoranthene	< 0.1		ug/l	08/12/96	1461029
		B008	Benzo(k)fluoranthene	< 0.1		ug/l	08/12/96	1461029
		B010	Benzo(g,h,i)perylene	< 0.1		ug/l	08/12/96	1461029
		B013	bis(2-EthylHexyl)phthalate	< 0.6		ug/l	08/12/96	1461029
		B018	Chrysene	< 0.1		ug/l	08/12/96	1461029
		B019	Dibenzo(a,h)anthracene	< 0.1		ug/l	08/12/96	1461029
		B020	1,2-Dichlorobenzene	< 1		ug/l	08/12/96	1461029
		B021	1,3-Dichlorobenzene	< 1		ug/l	08/12/96	1461029
		B022	1,4-Dichlorobenzene	< 1		ug/l	08/12/96	1461029
		B032	Fluorene	< 0.1		ug/l	08/12/96	1461029
		B033	Hexachlorobenzene	< 0.1		ug/l	08/12/96	1461029
		B034	Hexachlorobutadiene	< 1		ug/l	08/12/96	1461029
		B035	Hexachlorocyclopentadiene	< 0.1		ug/l	08/12/96	1461029
		B037	Indeno (1,2,3-cd) pyrene	< 0.1		ug/l	08/12/96	1461029
		B039	Naphthalene	< 1		ug/l	08/12/96	1461029
		B044	Phenanthrene	< 0.1		ug/l	08/12/96	1461029
		B045	Pyrene	< 0.1		ug/l	08/12/96	1461029
		B046	1,2,4-Trichlorobenzene	< 1		ug/l	08/12/96	1461029
		B061	1,2,3-Trichlorobenzene	< 1		ug/l	08/12/96	1461029
		B077	bis(2-ethylhexyl)adipate	< 0.6		ug/l	08/12/96	1461029
		B106	1,2,4-Trimethylbenzene	< 1		ug/l	08/12/96	1461029
		B107	1,3,5-Trimethylbenzene (Mesitylene)	< 1		ug/l	08/12/96	1461029
			Tentatively Identified Semi-volatile Organics					
		W348	Dimethylethylbenzene	< 1.0		ug/l	08/12/96	1461029
M-24/L-63								
			Base/Neutral Organics					
		B001	Acenaphthene	< 0.1		ug/l	08/13/96	1461034
		B003	Anthracene	< 0.1		ug/l	08/13/96	1461034
		B005	Benzo(a)anthracene	< 0.1		ug/l	08/13/96	1461034
		B006	Benzo(a)Pyrene	< 0.02		ug/l	08/13/96	1461034
		B007	Benzo(b)fluoranthene	< 0.1		ug/l	08/13/96	1461034
		B008	Benzo(k)fluoranthene	< 0.1		ug/l	08/13/96	1461034
		B010	Benzo(g,h,i)perylene	< 0.1		ug/l	08/13/96	1461034
		B013	bis(2-EthylHexyl)phthalate	< 0.6		ug/l	08/13/96	1461034

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TABLE 2-20
Groundwater Analytical Results
Semivolatile Organic Compounds
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
M-24/L-63								
			Base/Neutral Organics					
		B018	Chrysene	< 0.1		ug/l	08/13/96	1461034
		B019	Dibenzo(a,h)anthracene	< 0.1		ug/l	08/13/96	1461034
		B020	1,2-Dichlorobenzene	< 1		ug/l	08/13/96	1461034
		B021	1,3-Dichlorobenzene	< 1		ug/l	08/13/96	1461034
		B022	1,4-Dichlorobenzene	< 1		ug/l	08/13/96	1461034
		B032	Fluorene	< 0.1		ug/l	08/13/96	1461034
		B033	Hexachlorobenzene	< 0.1		ug/l	08/13/96	1461034
		B034	Hexachlorobutadiene	< 1		ug/l	08/13/96	1461034
		B035	Hexachlorocyclopentadiene	< 0.1		ug/l	08/13/96	1461034
		B037	Indeno (1,2,3-cd) pyrene	< 0.1		ug/l	08/13/96	1461034
		B039	Naphthalene	< 1		ug/l	08/13/96	1461034
		B044	Phenanthrene	< 0.1		ug/l	08/13/96	1461034
		B045	Pyrene	< 0.1		ug/l	08/13/96	1461034
		B046	1,2,4-Trichlorobenzene	< 1		ug/l	08/13/96	1461034
		B061	1,2,3-Trichlorobenzene	< 1		ug/l	08/13/96	1461034
		B077	bis(2-ethylhexyl)adipate	< 0.6		ug/l	08/13/96	1461034
		B106	1,2,4-Trimethylbenzene	< 1		ug/l	08/13/96	1461034
		B107	1,3,5-Trimethylbenzene (Mesitylene)	< 1		ug/l	08/13/96	1461034
			Tentatively Identified Semi-volatile Organics					
		W348	Dimethylethylbenzene	< 1.0		ug/l	08/13/96	1461034
M-24/L-64								
			Base/Neutral Organics					
		B001	Acenaphthene	< 0.1		ug/l	08/12/96	1461026
		B003	Anthracene	< 0.1		ug/l	08/12/96	1461026
		B005	Benzo(a)anthracene	< 0.1		ug/l	08/12/96	1461026
		B006	Benzo(a)Pyrene	< 0.02		ug/l	08/12/96	1461026
		B007	Benzo(b)fluoranthene	< 0.1		ug/l	08/12/96	1461026
		B008	Benzo(k)fluoranthene	< 0.1		ug/l	08/12/96	1461026
		B010	Benzo(g,h,i)perylene	< 0.1		ug/l	08/12/96	1461026
		B013	bis(2-EthylHexyl)phthalate	1.2		ug/l	08/12/96	1461026
		B018	Chrysene	< 0.1		ug/l	08/12/96	1461026
		B019	Dibenzo(a,h)anthracene	< 0.1		ug/l	08/12/96	1461026
		B020	1,2-Dichlorobenzene	< 1		ug/l	08/12/96	1461026
		B021	1,3-Dichlorobenzene	< 1		ug/l	08/12/96	1461026
		B022	1,4-Dichlorobenzene	< 1		ug/l	08/12/96	1461026
		B032	Fluorene	< 0.1		ug/l	08/12/96	1461026
		B033	Hexachlorobenzene	< 0.1		ug/l	08/12/96	1461026
		B034	Hexachlorobutadiene	< 1		ug/l	08/12/96	1461026
		B035	Hexachlorocyclopentadiene	< 0.1		ug/l	08/12/96	1461026
		B037	Indeno (1,2,3-cd) pyrene	< 0.1		ug/l	08/12/96	1461026
		B039	Naphthalene	< 1		ug/l	08/12/96	1461026
		B044	Phenanthrene	< 0.1		ug/l	08/12/96	1461026
		B045	Pyrene	< 0.1		ug/l	08/12/96	1461026
		B046	1,2,4-Trichlorobenzene	< 1		ug/l	08/12/96	1461026
		B061	1,2,3-Trichlorobenzene	< 1		ug/l	08/12/96	1461026
		B077	bis(2-ethylhexyl)adipate	< 0.6		ug/l	08/12/96	1461026
		B106	1,2,4-Trimethylbenzene	< 1		ug/l	08/12/96	1461026
		B107	1,3,5-Trimethylbenzene (Mesitylene)	< 1		ug/l	08/12/96	1461026
			Tentatively Identified Semi-volatile Organics					
		W348	Dimethylethylbenzene	< 1.0		ug/l	08/12/96	1461026
M-24/L-66								
			Base/Neutral Organics					
		B001	Acenaphthene	< 0.1		ug/l	08/12/96	1461031
	DUP OF 1461031	B001	Acenaphthene	< 0.1		ug/l	08/12/96	1461032
		B003	Anthracene	< 0.1		ug/l	08/12/96	1461031
	DUP OF 1461031	B003	Anthracene	< 0.1		ug/l	08/12/96	1461032
		B005	Benzo(a)anthracene	< 0.1		ug/l	08/12/96	1461031

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TABLE 2-20
Groundwater Analytical Results
Semivolatile Organic Compounds
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID		Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
M-24/L-66									
				Base/Neutral Organics					
	DUP OF	1461031	B005	Benzo(a)anthracene	< 0.1		ug/l	08/12/96	1461032
			B006	Benzo(a)Pyrene	< 0.02		ug/l	08/12/96	1461031
	DUP OF	1461031	B006	Benzo(a)Pyrene	< 0.02		ug/l	08/12/96	1461032
			B007	Benzo(b)fluoranthene	< 0.1		ug/l	08/12/96	1461031
	DUP OF	1461031	B007	Benzo(b)fluoranthene	< 0.1		ug/l	08/12/96	1461032
			B008	Benzo(k)fluoranthene	< 0.1		ug/l	08/12/96	1461031
	DUP OF	1461031	B008	Benzo(k)fluoranthene	< 0.1		ug/l	08/12/96	1461032
			B010	Benzo(g,h,i)perylene	< 0.1		ug/l	08/12/96	1461031
	DUP OF	1461031	B010	Benzo(g,h,i)perylene	< 0.1		ug/l	08/12/96	1461032
			B013	bis(2-EthylHexyl)phthalate	< 0.6		ug/l	08/12/96	1461031
	DUP OF	1461031	B013	bis(2-EthylHexyl)phthalate	< 0.6		ug/l	08/12/96	1461032
			B018	Chrysene	< 0.1		ug/l	08/12/96	1461031
	DUP OF	1461031	B018	Chrysene	< 0.1		ug/l	08/12/96	1461032
			B019	Dibenzo(a,h)anthracene	< 0.1		ug/l	08/12/96	1461031
	DUP OF	1461031	B019	Dibenzo(a,h)anthracene	< 0.1		ug/l	08/12/96	1461032
			B020	1,2-Dichlorobenzene	< 1		ug/l	08/12/96	1461031
	DUP OF	1461031	B020	1,2-Dichlorobenzene	< 1		ug/l	08/12/96	1461032
			B021	1,3-Dichlorobenzene	< 1		ug/l	08/12/96	1461031
	DUP OF	1461031	B021	1,3-Dichlorobenzene	< 1		ug/l	08/12/96	1461032
			B022	1,4-Dichlorobenzene	< 1		ug/l	08/12/96	1461031
	DUP OF	1461031	B022	1,4-Dichlorobenzene	< 1		ug/l	08/12/96	1461032
			B032	Fluorene	< 0.1		ug/l	08/12/96	1461031
	DUP OF	1461031	B032	Fluorene	< 0.1		ug/l	08/12/96	1461032
			B033	Hexachlorobenzene	< 0.1		ug/l	08/12/96	1461031
	DUP OF	1461031	B033	Hexachlorobenzene	< 0.1		ug/l	08/12/96	1461032
			B034	Hexachlorobutadiene	< 1		ug/l	08/12/96	1461031
	DUP OF	1461031	B034	Hexachlorobutadiene	< 1		ug/l	08/12/96	1461032
			B035	Hexachlorocyclopentadiene	< 0.1		ug/l	08/12/96	1461031
	DUP OF	1461031	B035	Hexachlorocyclopentadiene	< 0.1		ug/l	08/12/96	1461032
			B037	Indeno (1,2,3-cd) pyrene	< 0.1		ug/l	08/12/96	1461031
	DUP OF	1461031	B037	Indeno (1,2,3-cd) pyrene	< 0.1		ug/l	08/12/96	1461032
			B039	Naphthalene	< 1		ug/l	08/12/96	1461031
	DUP OF	1461031	B039	Naphthalene	< 1		ug/l	08/12/96	1461032
			B044	Phenanthrene	< 0.1		ug/l	08/12/96	1461031
	DUP OF	1461031	B044	Phenanthrene	< 0.1		ug/l	08/12/96	1461032
			B045	Pyrene	< 0.1		ug/l	08/12/96	1461031
	DUP OF	1461031	B045	Pyrene	< 0.1		ug/l	08/12/96	1461032
			B046	1,2,4-Trichlorobenzene	< 1		ug/l	08/12/96	1461031
	DUP OF	1461031	B046	1,2,4-Trichlorobenzene	< 1		ug/l	08/12/96	1461032
			B061	1,2,3-Trichlorobenzene	< 1		ug/l	08/12/96	1461031
	DUP OF	1461031	B061	1,2,3-Trichlorobenzene	< 1		ug/l	08/12/96	1461032
			B077	bis(2-ethylhexyl)adipate	< 0.6		ug/l	08/12/96	1461031
	DUP OF	1461031	B077	bis(2-ethylhexyl)adipate	< 0.6		ug/l	08/12/96	1461032
			B106	1,2,4-Trimethylbenzene	< 1		ug/l	08/12/96	1461031
	DUP OF	1461031	B106	1,2,4-Trimethylbenzene	< 1		ug/l	08/12/96	1461032
			B107	1,3,5-Trimethylbenzene (Mesitylene)	< 1		ug/l	08/12/96	1461031
	DUP OF	1461031	B107	1,3,5-Trimethylbenzene (Mesitylene)	< 1		ug/l	08/12/96	1461032
				Tentatively Identified Semi-volatile Organics					
			W348	Dimethylethylbenzene	< 1.0		ug/l	08/12/96	1461031
	DUP OF	1461031	W348	Dimethylethylbenzene	< 1.0		ug/l	08/12/96	1461032
M-24/L-72A									
				Base/Neutral Organics					
			B001	Acenaphthene	< 0.1		ug/l	08/13/96	1461038
			B003	Anthracene	< 0.1		ug/l	08/13/96	1461038
			B005	Benzo(a)anthracene	< 0.1		ug/l	08/13/96	1461038
			B006	Benzo(a)Pyrene	< 0.02		ug/l	08/13/96	1461038
			B007	Benzo(b)fluoranthene	< 0.1		ug/l	08/13/96	1461038
			B008	Benzo(k)fluoranthene	< 0.1		ug/l	08/13/96	1461038

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TABLE 2-20
Groundwater Analytical Results
Semivolatile Organic Compounds
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
M-24/L-72A								
			Base/Neutral Organics					
		B010	Benzo(g,h,i)perylene	< 0.1		ug/l	08/13/96	1461038
		B013	bis(2-EthylHexyl)phthalate	< 0.6		ug/l	08/13/96	1461038
		B018	Chrysene	< 0.1		ug/l	08/13/96	1461038
		B019	Dibenzo(a,h)anthracene	< 0.1		ug/l	08/13/96	1461038
		B020	1,2-Dichlorobenzene	< 1		ug/l	08/13/96	1461038
		B021	1,3-Dichlorobenzene	< 1		ug/l	08/13/96	1461038
		B022	1,4-Dichlorobenzene	< 1		ug/l	08/13/96	1461038
		B032	Fluorene	< 0.1		ug/l	08/13/96	1461038
		B033	Hexachlorobenzene	< 0.1		ug/l	08/13/96	1461038
		B034	Hexachlorobutadiene	< 1		ug/l	08/13/96	1461038
		B035	Hexachlorocyclopentadiene	< 0.1		ug/l	08/13/96	1461038
		B037	Indeno (1,2,3-cd) pyrene	< 0.1		ug/l	08/13/96	1461038
		B039	Naphthalene	< 1		ug/l	08/13/96	1461038
		B044	Phenanthrene	< 0.1		ug/l	08/13/96	1461038
		B045	Pyrene	< 0.1		ug/l	08/13/96	1461038
		B046	1,2,4-Trichlorobenzene	< 1		ug/l	08/13/96	1461038
		B061	1,2,3-Trichlorobenzene	< 1		ug/l	08/13/96	1461038
		B077	bis(2-ethylhexyl)adipate	< 0.6		ug/l	08/13/96	1461038
		B106	1,2,4-Trimethylbenzene	< 1		ug/l	08/13/96	1461038
		B107	1,3,5-Trimethylbenzene (Mesitylene)	< 1		ug/l	08/13/96	1461038
			Tentatively Identified Semi-volatile Organics					
		W348	Dimethylethylbenzene	< 1.0		ug/l	08/13/96	1461038
M-24/L-87A								
			Base/Neutral Organics					
		B001	Acenaphthene	< 0.1		ug/l	08/12/96	1461027
		B003	Anthracene	< 0.1		ug/l	08/12/96	1461027
		B005	Benzo(a)anthracene	< 0.1		ug/l	08/12/96	1461027
		B006	Benzo(a)Pyrene	< 0.02		ug/l	08/12/96	1461027
		B007	Benzo(b)fluoranthene	< 0.1		ug/l	08/12/96	1461027
		B008	Benzo(k)fluoranthene	< 0.1		ug/l	08/12/96	1461027
		B010	Benzo(g,h,i)perylene	< 0.1		ug/l	08/12/96	1461027
		B013	bis(2-EthylHexyl)phthalate	1.2		ug/l	08/12/96	1461027
		B018	Chrysene	< 0.1		ug/l	08/12/96	1461027
		B019	Dibenzo(a,h)anthracene	< 0.1		ug/l	08/12/96	1461027
		B020	1,2-Dichlorobenzene	< 1		ug/l	08/12/96	1461027
		B021	1,3-Dichlorobenzene	< 1		ug/l	08/12/96	1461027
		B022	1,4-Dichlorobenzene	< 1		ug/l	08/12/96	1461027
		B032	Fluorene	< 0.1		ug/l	08/12/96	1461027
		B033	Hexachlorobenzene	< 0.1		ug/l	08/12/96	1461027
		B034	Hexachlorobutadiene	< 1		ug/l	08/12/96	1461027
		B035	Hexachlorocyclopentadiene	< 0.1		ug/l	08/12/96	1461027
		B037	Indeno (1,2,3-cd) pyrene	< 0.1		ug/l	08/12/96	1461027
		B039	Naphthalene	< 1		ug/l	08/12/96	1461027
		B044	Phenanthrene	< 0.1		ug/l	08/12/96	1461027
		B045	Pyrene	< 0.1		ug/l	08/12/96	1461027
		B046	1,2,4-Trichlorobenzene	< 1		ug/l	08/12/96	1461027
		B061	1,2,3-Trichlorobenzene	< 1		ug/l	08/12/96	1461027
		B077	bis(2-ethylhexyl)adipate	< 0.6		ug/l	08/12/96	1461027
		B106	1,2,4-Trimethylbenzene	< 1		ug/l	08/12/96	1461027
		B107	1,3,5-Trimethylbenzene (Mesitylene)	< 1		ug/l	08/12/96	1461027
			Tentatively Identified Semi-volatile Organics					
		W348	Dimethylethylbenzene	< 1.0		ug/l	08/12/96	1461027
M-24/L-94								
			Base/Neutral Organics					
		B001	Acenaphthene	< 0.1		ug/l	08/12/96	1461028
		B003	Anthracene	< 0.1		ug/l	08/12/96	1461028
		B005	Benzo(a)anthracene	< 0.1		ug/l	08/12/96	1461028

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TABLE 2-20
Groundwater Analytical Results
Semivolatile Organic Compounds
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
M-24/L-94								
			Base/Neutral Organics					
		B006	Benzo(a)Pyrene	< 0.02		ug/l	08/12/96	1461028
		B007	Benzo(b)fluoranthene	< 0.1		ug/l	08/12/96	1461028
		B008	Benzo(k)fluoranthene	< 0.1		ug/l	08/12/96	1461028
		B010	Benzo(g,h,i)perylene	< 0.1		ug/l	08/12/96	1461028
		B013	bis(2-EthylHexyl)phthalate	1.0		ug/l	08/12/96	1461028
		B018	Chrysene	< 0.1		ug/l	08/12/96	1461028
		B019	Dibenzo(a,h)anthracene	< 0.1		ug/l	08/12/96	1461028
		B020	1,2-Dichlorobenzene	< 1		ug/l	08/12/96	1461028
		B021	1,3-Dichlorobenzene	< 1		ug/l	08/12/96	1461028
		B022	1,4-Dichlorobenzene	< 1		ug/l	08/12/96	1461028
		B032	Fluorene	< 0.1		ug/l	08/12/96	1461028
		B033	Hexachlorobenzene	< 0.1		ug/l	08/12/96	1461028
		B034	Hexachlorobutadiene	< 1		ug/l	08/12/96	1461028
		B035	Hexachlorocyclopentadiene	< 0.1		ug/l	08/12/96	1461028
		B037	Indeno (1,2,3-cd) pyrene	< 0.1		ug/l	08/12/96	1461028
		B039	Naphthalene	< 1		ug/l	08/12/96	1461028
		B044	Phenanthrene	< 0.1		ug/l	08/12/96	1461028
		B045	Pyrene	< 0.1		ug/l	08/12/96	1461028
		B046	1,2,4-Trichlorobenzene	< 1		ug/l	08/12/96	1461028
		B061	1,2,3-Trichlorobenzene	< 1		ug/l	08/12/96	1461028
		B077	bis(2-ethylhexyl)adipate	< 0.6		ug/l	08/12/96	1461028
		B106	1,2,4-Trimethylbenzene	< 1		ug/l	08/12/96	1461028
		B107	1,3,5-Trimethylbenzene (Mesitylene)	< 1		ug/l	08/12/96	1461028
			Tentatively Identified Semi-volatile Organics					
		W348	Dimethylethylbenzene	< 1.0		ug/l	08/12/96	1461028
M-24/L-116								
			Base/Neutral Organics					
		B001	Acenaphthene	< 0.1		ug/l	08/13/96	1461039
		B003	Anthracene	< 0.1		ug/l	08/13/96	1461039
		B005	Benzo(a)anthracene	< 0.1		ug/l	08/13/96	1461039
		B006	Benzo(a)Pyrene	< 0.02		ug/l	08/13/96	1461039
		B007	Benzo(b)fluoranthene	< 0.1		ug/l	08/13/96	1461039
		B008	Benzo(k)fluoranthene	< 0.1		ug/l	08/13/96	1461039
		B010	Benzo(g,h,i)perylene	< 0.1		ug/l	08/13/96	1461039
		B013	bis(2-EthylHexyl)phthalate	< 0.6		ug/l	08/13/96	1461039
		B018	Chrysene	< 0.1		ug/l	08/13/96	1461039
		B019	Dibenzo(a,h)anthracene	< 0.1		ug/l	08/13/96	1461039
		B020	1,2-Dichlorobenzene	< 1		ug/l	08/13/96	1461039
		B021	1,3-Dichlorobenzene	< 1		ug/l	08/13/96	1461039
		B022	1,4-Dichlorobenzene	< 1		ug/l	08/13/96	1461039
		B032	Fluorene	< 0.1		ug/l	08/13/96	1461039
		B033	Hexachlorobenzene	< 0.1		ug/l	08/13/96	1461039
		B034	Hexachlorobutadiene	< 1		ug/l	08/13/96	1461039
		B035	Hexachlorocyclopentadiene	< 0.1		ug/l	08/13/96	1461039
		B037	Indeno (1,2,3-cd) pyrene	< 0.1		ug/l	08/13/96	1461039
		B039	Naphthalene	< 1		ug/l	08/13/96	1461039
		B044	Phenanthrene	< 0.1		ug/l	08/13/96	1461039
		B045	Pyrene	< 0.1		ug/l	08/13/96	1461039
		B046	1,2,4-Trichlorobenzene	< 1		ug/l	08/13/96	1461039
		B061	1,2,3-Trichlorobenzene	< 1		ug/l	08/13/96	1461039
		B077	bis(2-ethylhexyl)adipate	< 0.6		ug/l	08/13/96	1461039
		B106	1,2,4-Trimethylbenzene	< 1		ug/l	08/13/96	1461039
		B107	1,3,5-Trimethylbenzene (Mesitylene)	< 1		ug/l	08/13/96	1461039
			Tentatively Identified Semi-volatile Organics					
		W348	Dimethylethylbenzene	< 1.0		ug/l	08/13/96	1461039

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Groundwater Analytical Results
Semivolatile Organic Compounds
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
M-24/L-117								
			Base/Neutral Organics					
		B001	Acenaphthene	< 0.1		ug/l	08/13/96	1461033
		B003	Anthracene	< 0.1		ug/l	08/13/96	1461033
		B005	Benzo(a)anthracene	< 0.1		ug/l	08/13/96	1461033
		B006	Benzo(a)Pyrene	< 0.02		ug/l	08/13/96	1461033
		B007	Benzo(b)fluoranthene	< 0.1		ug/l	08/13/96	1461033
		B008	Benzo(k)fluoranthene	< 0.1		ug/l	08/13/96	1461033
		B010	Benzo(g,h,i)perylene	< 0.1		ug/l	08/13/96	1461033
		B013	bis(2-EthylHexyl)phthalate	< 0.6		ug/l	08/13/96	1461033
		B018	Chrysene	< 0.1		ug/l	08/13/96	1461033
		B019	Dibenzo(a,h)anthracene	< 0.1		ug/l	08/13/96	1461033
		B020	1,2-Dichlorobenzene	< 1		ug/l	08/13/96	1461033
		B021	1,3-Dichlorobenzene	< 1		ug/l	08/13/96	1461033
		B022	1,4-Dichlorobenzene	< 1		ug/l	08/13/96	1461033
		B032	Fluorene	< 0.1		ug/l	08/13/96	1461033
		B033	Hexachlorobenzene	< 0.1		ug/l	08/13/96	1461033
		B034	Hexachlorobutadiene	< 1		ug/l	08/13/96	1461033
		B035	Hexachlorocyclopentadiene	< 0.1		ug/l	08/13/96	1461033
		B037	Indeno (1,2,3-cd) pyrene	< 0.1		ug/l	08/13/96	1461033
		B039	Naphthalene	< 1		ug/l	08/13/96	1461033
		B044	Phenanthrene	< 0.1		ug/l	08/13/96	1461033
		B045	Pyrene	< 0.1		ug/l	08/13/96	1461033
		B046	1,2,4-Trichlorobenzene	< 1		ug/l	08/13/96	1461033
		B061	1,2,3-Trichlorobenzene	< 1		ug/l	08/13/96	1461033
		B077	bis(2-ethylhexyl)adipate	< 0.6		ug/l	08/13/96	1461033
		B106	1,2,4-Trimethylbenzene	< 1		ug/l	08/13/96	1461033
		B107	1,3,5-Trimethylbenzene (Mesitylene)	< 1		ug/l	08/13/96	1461033
			Tentatively Identified Semi-volatile Organics					
		W348	Dimethylethylbenzene	< 1.0		ug/l	08/13/96	1461033
M-25/L-04								
			Base/Neutral Organics					
		B001	Acenaphthene	< 0.1		ug/l	08/12/96	1461030
		B003	Anthracene	< 0.1		ug/l	08/12/96	1461030
		B005	Benzo(a)anthracene	< 0.1		ug/l	08/12/96	1461030
		B006	Benzo(a)Pyrene	< 0.02		ug/l	08/12/96	1461030
		B007	Benzo(b)fluoranthene	< 0.1		ug/l	08/12/96	1461030
		B008	Benzo(k)fluoranthene	< 0.1		ug/l	08/12/96	1461030
		B010	Benzo(g,h,i)perylene	< 0.1		ug/l	08/12/96	1461030
		B013	bis(2-EthylHexyl)phthalate	< 0.6		ug/l	08/12/96	1461030
		B018	Chrysene	< 0.1		ug/l	08/12/96	1461030
		B019	Dibenzo(a,h)anthracene	< 0.1		ug/l	08/12/96	1461030
		B020	1,2-Dichlorobenzene	< 1		ug/l	08/12/96	1461030
		B021	1,3-Dichlorobenzene	< 1		ug/l	08/12/96	1461030
		B022	1,4-Dichlorobenzene	< 1		ug/l	08/12/96	1461030
		B032	Fluorene	< 0.1		ug/l	08/12/96	1461030
		B033	Hexachlorobenzene	< 0.1		ug/l	08/12/96	1461030
		B034	Hexachlorobutadiene	< 1		ug/l	08/12/96	1461030
		B035	Hexachlorocyclopentadiene	< 0.1		ug/l	08/12/96	1461030
		B037	Indeno (1,2,3-cd) pyrene	< 0.1		ug/l	08/12/96	1461030
		B039	Naphthalene	< 1		ug/l	08/12/96	1461030
		B044	Phenanthrene	< 0.1		ug/l	08/12/96	1461030
		B045	Pyrene	< 0.1		ug/l	08/12/96	1461030
		B046	1,2,4-Trichlorobenzene	< 1		ug/l	08/12/96	1461030
		B061	1,2,3-Trichlorobenzene	< 1		ug/l	08/12/96	1461030
		B077	bis(2-ethylhexyl)adipate	< 0.6		ug/l	08/12/96	1461030
		B106	1,2,4-Trimethylbenzene	< 1		ug/l	08/12/96	1461030
		B107	1,3,5-Trimethylbenzene (Mesitylene)	< 1		ug/l	08/12/96	1461030
			Tentatively Identified Semi-volatile Organics					
		W348	Dimethylethylbenzene	< 1.0		ug/l	08/12/96	1461030

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Groundwater Analytical Results
Semivolatile Organic Compounds
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID		Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
M-25/L-07									
				Base/Neutral Organics					
			B001	Acenaphthene	< 0.1		ug/l	08/13/96	1461035
			B003	Anthracene	< 0.1		ug/l	08/13/96	1461035
			B005	Benzo(a)anthracene	< 0.1		ug/l	08/13/96	1461035
			B006	Benzo(a)Pyrene	< 0.02		ug/l	08/13/96	1461035
			B007	Benzo(b)fluoranthene	< 0.1		ug/l	08/13/96	1461035
			B008	Benzo(k)fluoranthene	< 0.1		ug/l	08/13/96	1461035
			B010	Benzo(g,h,i)perylene	< 0.1		ug/l	08/13/96	1461035
			B013	bis(2-EthylHexyl)phthalate	< 0.6		ug/l	08/13/96	1461035
			B018	Chrysene	< 0.1		ug/l	08/13/96	1461035
			B019	Dibenzo(a,h)anthracene	< 0.1		ug/l	08/13/96	1461035
			B020	1,2-Dichlorobenzene	< 1		ug/l	08/13/96	1461035
			B021	1,3-Dichlorobenzene	< 1		ug/l	08/13/96	1461035
			B022	1,4-Dichlorobenzene	< 1		ug/l	08/13/96	1461035
			B032	Fluorene	< 0.1		ug/l	08/13/96	1461035
			B033	Hexachlorobenzene	< 0.1		ug/l	08/13/96	1461035
			B034	Hexachlorobutadiene	< 1		ug/l	08/13/96	1461035
			B035	Hexachlorocyclopentadiene	< 0.1		ug/l	08/13/96	1461035
			B037	Indeno (1,2,3-cd) pyrene	< 0.1		ug/l	08/13/96	1461035
			B039	Naphthalene	< 1		ug/l	08/13/96	1461035
			B044	Phenanthrene	< 0.1		ug/l	08/13/96	1461035
			B045	Pyrene	< 0.1		ug/l	08/13/96	1461035
			B046	1,2,4-Trichlorobenzene	< 1		ug/l	08/13/96	1461035
			B061	1,2,3-Trichlorobenzene	< 1		ug/l	08/13/96	1461035
			B077	bis(2-ethylhexyl)adipate	< 0.6		ug/l	08/13/96	1461035
			B106	1,2,4-Trimethylbenzene	< 1		ug/l	08/13/96	1461035
			B107	1,3,5-Trimethylbenzene (Mesitylene)	< 1		ug/l	08/13/96	1461035
				Tentatively Identified Semi-volatile Organics					
			W348	Dimethylethylbenzene	< 1.0		ug/l	08/13/96	1461035
M-25/L-08-IN									
				Base/Neutral Organics					
			B001	Acenaphthene	< 0.1		ug/l	08/13/96	1461036
	DUP OF	1461036	B001	Acenaphthene	< 0.1		ug/l	08/13/96	1461037
			B003	Anthracene	< 0.1		ug/l	08/13/96	1461036
	DUP OF	1461036	B003	Anthracene	< 0.1		ug/l	08/13/96	1461037
			B005	Benzo(a)anthracene	< 0.1		ug/l	08/13/96	1461036
	DUP OF	1461036	B005	Benzo(a)anthracene	< 0.1		ug/l	08/13/96	1461037
			B006	Benzo(a)Pyrene	< 0.02		ug/l	08/13/96	1461036
	DUP OF	1461036	B006	Benzo(a)Pyrene	< 0.02		ug/l	08/13/96	1461037
			B007	Benzo(b)fluoranthene	< 0.1		ug/l	08/13/96	1461036
	DUP OF	1461036	B007	Benzo(b)fluoranthene	< 0.1		ug/l	08/13/96	1461037
			B008	Benzo(k)fluoranthene	< 0.1		ug/l	08/13/96	1461036
	DUP OF	1461036	B008	Benzo(k)fluoranthene	< 0.1		ug/l	08/13/96	1461037
			B010	Benzo(g,h,i)perylene	< 0.1		ug/l	08/13/96	1461036
	DUP OF	1461036	B010	Benzo(g,h,i)perylene	< 0.1		ug/l	08/13/96	1461037
			B013	bis(2-EthylHexyl)phthalate	< 0.6		ug/l	08/13/96	1461036
	DUP OF	1461036	B013	bis(2-EthylHexyl)phthalate	< 0.6		ug/l	08/13/96	1461037
			B018	Chrysene	< 0.1		ug/l	08/13/96	1461036
	DUP OF	1461036	B018	Chrysene	< 0.1		ug/l	08/13/96	1461037
			B019	Dibenzo(a,h)anthracene	< 0.1		ug/l	08/13/96	1461036
	DUP OF	1461036	B019	Dibenzo(a,h)anthracene	< 0.1		ug/l	08/13/96	1461037
			B020	1,2-Dichlorobenzene	< 1		ug/l	08/13/96	1461036
	DUP OF	1461036	B020	1,2-Dichlorobenzene	< 1		ug/l	08/13/96	1461037
			B021	1,3-Dichlorobenzene	< 1		ug/l	08/13/96	1461036
	DUP OF	1461036	B021	1,3-Dichlorobenzene	< 1		ug/l	08/13/96	1461037
			B022	1,4-Dichlorobenzene	< 1		ug/l	08/13/96	1461036
	DUP OF	1461036	B022	1,4-Dichlorobenzene	< 1		ug/l	08/13/96	1461037
			B032	Fluorene	< 0.1		ug/l	08/13/96	1461036
	DUP OF	1461036	B032	Fluorene	< 0.1		ug/l	08/13/96	1461037

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TABLE 2-20
Groundwater Analytical Results
Semivolatile Organic Compounds
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID		Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
M-25/L-08-IN									
				Base/Neutral Organics					
			B033	Hexachlorobenzene	< 0.1		ug/l	08/13/96	1461036
	DUP OF	1461036	B033	Hexachlorobenzene	< 0.1		ug/l	08/13/96	1461037
			B034	Hexachlorobutadiene	< 1		ug/l	08/13/96	1461036
	DUP OF	1461036	B034	Hexachlorobutadiene	< 1		ug/l	08/13/96	1461037
			B035	Hexachlorocyclopentadiene	< 0.1		ug/l	08/13/96	1461036
	DUP OF	1461036	B035	Hexachlorocyclopentadiene	< 0.1		ug/l	08/13/96	1461037
			B037	Indeno (1,2,3-cd) pyrene	< 0.1		ug/l	08/13/96	1461036
	DUP OF	1461036	B037	Indeno (1,2,3-cd) pyrene	< 0.1		ug/l	08/13/96	1461037
			B039	Naphthalene	< 1		ug/l	08/13/96	1461036
	DUP OF	1461036	B039	Naphthalene	< 1		ug/l	08/13/96	1461037
			B044	Phenanthrene	< 0.1		ug/l	08/13/96	1461036
	DUP OF	1461036	B044	Phenanthrene	< 0.1		ug/l	08/13/96	1461037
			B045	Pyrene	< 0.1		ug/l	08/13/96	1461036
	DUP OF	1461036	B045	Pyrene	< 0.1		ug/l	08/13/96	1461037
			B046	1,2,4-Trichlorobenzene	< 1		ug/l	08/13/96	1461036
	DUP OF	1461036	B046	1,2,4-Trichlorobenzene	< 1		ug/l	08/13/96	1461037
			B061	1,2,3-Trichlorobenzene	< 1		ug/l	08/13/96	1461036
	DUP OF	1461036	B061	1,2,3-Trichlorobenzene	< 1		ug/l	08/13/96	1461037
			B077	bis(2-ethylhexyl)adipate	< 0.6		ug/l	08/13/96	1461036
	DUP OF	1461036	B077	bis(2-ethylhexyl)adipate	< 0.6		ug/l	08/13/96	1461037
			B106	1,2,4-Trimethylbenzene	< 1		ug/l	08/13/96	1461036
	DUP OF	1461036	B106	1,2,4-Trimethylbenzene	< 1		ug/l	08/13/96	1461037
			B107	1,3,5-Trimethylbenzene (Mesitylene)	< 1		ug/l	08/13/96	1461036
	DUP OF	1461036	B107	1,3,5-Trimethylbenzene (Mesitylene)	< 1		ug/l	08/13/96	1461037
				Tentatively Identified Semi-volatile Organics					
			W348	Dimethylethylbenzene	< 1.0		ug/l	08/13/96	1461036
	DUP OF	1461036	W348	Dimethylethylbenzene	< 1.0		ug/l	08/13/96	1461037

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TABLE 2-21
Groundwater Analytical Results
Pesticides/PCB's
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
ALTRON B1								
			Pesticides, PCB's, and Herbicides					
		P001	Aldrin	< 0.05		ug/l	07/15/93	1460169
		P002	Alpha-BHC	< 0.05		ug/l	07/15/93	1460169
		P003	Beta-BHC	< 0.05		ug/l	07/15/93	1460169
		P004	Delta-BHC	< 0.05		ug/l	07/15/93	1460169
		P005	Gamma-BHC (Lindane)	< 0.05		ug/l	07/15/93	1460169
		P006	4,4'-DDT	< 0.1		ug/l	07/15/93	1460169
		P007	4,4'-DDE	< 0.1		ug/l	07/15/93	1460169
		P008	4,4'-DDD	< 0.1		ug/l	07/15/93	1460169
		P009	Dieldrin	< 0.1		ug/l	07/15/93	1460169
		P010	Endosulfan I	< 0.05		ug/l	07/15/93	1460169
		P011	Endosulfan II	< 0.1		ug/l	07/15/93	1460169
		P012	Endosulfan Sulfate	< 0.1		ug/l	07/15/93	1460169
		P013	Endrin	< 0.1		ug/l	07/15/93	1460169
		P014	Endrin Aldehyde	< 0.1		ug/l	07/15/93	1460169
		P015	Endrin Ketone	< 0.1		ug/l	07/15/93	1460169
		P016	Heptachlor	< 0.05		ug/l	07/15/93	1460169
		P017	Heptachlor Epoxide	< 0.05		ug/l	07/15/93	1460169
		P018	Methoxychlor	< 0.5		ug/l	07/15/93	1460169
		P020	Toxaphene	< 1		ug/l	07/15/93	1460169
		P047	Alpha-Chlordane	< 0.05		ug/l	07/15/93	1460169
		P048	Gamma-Chlordane	< 0.05		ug/l	07/15/93	1460169
ALTRON B3								
			Pesticides, PCB's, and Herbicides					
		P001	Aldrin	< 0.05		ug/l	07/15/93	1460170
		P002	Alpha-BHC	< 0.05		ug/l	07/15/93	1460170
		P003	Beta-BHC	< 0.05		ug/l	07/15/93	1460170
		P004	Delta-BHC	< 0.05		ug/l	07/15/93	1460170
		P005	Gamma-BHC (Lindane)	< 0.05		ug/l	07/15/93	1460170
		P006	4,4'-DDT	< 0.1		ug/l	07/15/93	1460170
		P007	4,4'-DDE	< 0.1		ug/l	07/15/93	1460170
		P008	4,4'-DDD	< 0.1		ug/l	07/15/93	1460170
		P009	Dieldrin	< 0.1		ug/l	07/15/93	1460170
		P010	Endosulfan I	< 0.05		ug/l	07/15/93	1460170
		P011	Endosulfan II	< 0.1		ug/l	07/15/93	1460170
		P012	Endosulfan Sulfate	< 0.1		ug/l	07/15/93	1460170
		P013	Endrin	< 0.1		ug/l	07/15/93	1460170
		P014	Endrin Aldehyde	< 0.1		ug/l	07/15/93	1460170
		P015	Endrin Ketone	< 0.1		ug/l	07/15/93	1460170
		P016	Heptachlor	< 0.05		ug/l	07/15/93	1460170
		P017	Heptachlor Epoxide	< 0.05		ug/l	07/15/93	1460170
		P018	Methoxychlor	< 0.5		ug/l	07/15/93	1460170
		P020	Toxaphene	< 1		ug/l	07/15/93	1460170
		P047	Alpha-Chlordane	< 0.05		ug/l	07/15/93	1460170
		P048	Gamma-Chlordane	< 0.05		ug/l	07/15/93	1460170
GW-65-BR								
			Pesticides, PCB's, and Herbicides					
		P001	Aldrin	< 0.05		ug/l	10/19/95	1460602
		P002	Alpha-BHC	< 0.05		ug/l	10/19/95	1460602
		P003	Beta-BHC	< 0.05		ug/l	10/19/95	1460602
		P004	Delta-BHC	< 0.05		ug/l	10/19/95	1460602
		P005	Gamma-BHC (Lindane)	< 0.05		ug/l	10/19/95	1460602
		P006	4,4'-DDT	< 0.1		ug/l	10/19/95	1460602
		P007	4,4'-DDE	< 0.1		ug/l	10/19/95	1460602
		P008	4,4'-DDD	< 0.1		ug/l	10/19/95	1460602
		P009	Dieldrin	< 0.1		ug/l	10/19/95	1460602
		P010	Endosulfan I	< 0.05		ug/l	10/19/95	1460602
		P011	Endosulfan II	< 0.1		ug/l	10/19/95	1460602

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TABLE 2-21
Groundwater Analytical Results
Pesticides/PCB's
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
GW-65-BR			Pesticides, PCB's, and Herbicides					
		P012	Endosulfan Sulfate	< 0.1		ug/l	10/19/95	1460602
		P013	Endrin	< 0.1		ug/l	10/19/95	1460602
		P014	Endrin Aldehyde	< 0.1		ug/l	10/19/95	1460602
		P015	Endrin Ketone	< 0.1		ug/l	10/19/95	1460602
		P016	Heptachlor	< 0.05		ug/l	10/19/95	1460602
		P017	Heptachlor Epoxide	< 0.05		ug/l	10/19/95	1460602
		P018	Methoxychlor	< 0.5		ug/l	10/19/95	1460602
		P020	Toxaphene	< 1		ug/l	10/19/95	1460602
		P047	Alpha-Chlordane	< 0.05		ug/l	10/19/95	1460602
		P048	Gamma-Chlordane	< 0.05		ug/l	10/19/95	1460602
GW-76-S			Pesticides, PCB's, and Herbicides					
		P001	Aldrin	0.012	J	ug/l	12/17/96	1461391
		P002	Alpha-BHC	< 0.05		ug/l	12/17/96	1461391
		P003	Beta-BHC	< 0.05		ug/l	12/17/96	1461391
		P004	Delta-BHC	< 0.05		ug/l	12/17/96	1461391
		P005	Gamma-BHC (Lindane)	0.019	J	ug/l	12/17/96	1461391
		P006	4,4'-DDT	0.022	J	ug/l	12/17/96	1461391
		P007	4,4'-DDE	< 0.10		ug/l	12/17/96	1461391
		P008	4,4'-DDD	< 0.10		ug/l	12/17/96	1461391
		P009	Dieldrin	< 0.10		ug/l	12/17/96	1461391
		P010	Endosulfan I	< 0.05		ug/l	12/17/96	1461391
		P011	Endosulfan II	< 0.10		ug/l	12/17/96	1461391
		P012	Endosulfan Sulfate	< 0.10		ug/l	12/17/96	1461391
		P013	Endrin	< 0.10		ug/l	12/17/96	1461391
		P014	Endrin Aldehyde	< 0.10		ug/l	12/17/96	1[illegible]
		P015	Endrin Ketone	0.022	J	ug/l	12/17/96	1[illegible]
		P016	Heptachlor	< 0.05		ug/l	12/17/96	1461391
		P017	Heptachlor Epoxide	0.22		ug/l	12/17/96	1461391
		P018	Methoxychlor	< 0.50		ug/l	12/17/96	1461391
		P020	Toxaphene	< 1.0		ug/l	12/17/96	1461391
		P047	Alpha-Chlordane	< 0.05		ug/l	12/17/96	1461391
		P048	Gamma-Chlordane	< 0.05		ug/l	12/17/96	1461391
GW-77-S			Pesticides, PCB's, and Herbicides					
		P001	Aldrin	< 0.05		ug/l	12/17/96	1461393
		P002	Alpha-BHC	< 0.05		ug/l	12/17/96	1461393
		P003	Beta-BHC	< 0.05		ug/l	12/17/96	1461393
		P004	Delta-BHC	< 0.05		ug/l	12/17/96	1461393
		P005	Gamma-BHC (Lindane)	< 0.05		ug/l	12/17/96	1461393
		P006	4,4'-DDT	< 0.10		ug/l	12/17/96	1461393
		P007	4,4'-DDE	< 0.10		ug/l	12/17/96	1461393
		P008	4,4'-DDD	< 0.10		ug/l	12/17/96	1461393
		P009	Dieldrin	< 0.10		ug/l	12/17/96	1461393
		P010	Endosulfan I	< 0.05		ug/l	12/17/96	1461393
		P011	Endosulfan II	< 0.10		ug/l	12/17/96	1461393
		P012	Endosulfan Sulfate	< 0.10		ug/l	12/17/96	1461393
		P013	Endrin	< 0.10		ug/l	12/17/96	1461393
		P014	Endrin Aldehyde	< 0.10		ug/l	12/17/96	1461393
		P015	Endrin Ketone	< 0.10		ug/l	12/17/96	1461393
		P016	Heptachlor	< 0.05		ug/l	12/17/96	1461393
		P017	Heptachlor Epoxide	< 0.05		ug/l	12/17/96	1461393
		P018	Methoxychlor	< 0.50		ug/l	12/17/96	1461393
		P020	Toxaphene	< 1.0		ug/l	12/17/96	1461393
		P047	Alpha-Chlordane	< 0.05		ug/l	12/17/96	1461393
		P048	Gamma-Chlordane	< 0.05		ug/l	12/17/96	1461393

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TABLE 2-21
Groundwater Analytical Results
Pesticides/PCB's
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID		Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
GW-78-S									
				Pesticides, PCB's, and Herbicides					
			P001	Aldrin	< 0.05		ug/l	12/17/96	1461395
			P002	Alpha-BHC	< 0.05		ug/l	12/17/96	1461395
			P003	Beta-BHC	< 0.05		ug/l	12/17/96	1461395
			P004	Delta-BHC	< 0.05		ug/l	12/17/96	1461395
			P005	Gamma-BHC (Lindane)	0.003	J	ug/l	12/17/96	1461395
			P006	4,4'-DDT	< 0.10		ug/l	12/17/96	1461395
			P007	4,4'-DDE	< 0.10		ug/l	12/17/96	1461395
			P008	4,4'-DDD	< 0.10		ug/l	12/17/96	1461395
			P009	Dieldrin	< 0.10		ug/l	12/17/96	1461395
			P010	Endosulfan I	< 0.05		ug/l	12/17/96	1461395
			P011	Endosulfan II	< 0.10		ug/l	12/17/96	1461395
			P012	Endosulfan Sulfate	< 0.10		ug/l	12/17/96	1461395
			P013	Endrin	< 0.10		ug/l	12/17/96	1461395
			P014	Endrin Aldehyde	< 0.10		ug/l	12/17/96	1461395
			P015	Endrin Ketone	< 0.10		ug/l	12/17/96	1461395
			P016	Heptachlor	< 0.05		ug/l	12/17/96	1461395
			P017	Heptachlor Epoxide	< 0.05		ug/l	12/17/96	1461395
			P018	Methoxychlor	< 0.50		ug/l	12/17/96	1461395
			P020	Toxaphene	< 1.0		ug/l	12/17/96	1461395
			P047	Alpha-Chlordane	< 0.05		ug/l	12/17/96	1461395
			P048	Gamma-Chlordane	< 0.05		ug/l	12/17/96	1461395
GW-79-S									
				Pesticides, PCB's, and Herbicides					
			P001	Aldrin	< 0.05		ug/l	12/17/96	1461397
	DUP OF	1461397	P001	Aldrin	< 0.05		ug/l	12/17/96	1461399
			P002	Alpha-BHC	< 0.05		ug/l	12/17/96	1461397
	DUP OF	1461397	P002	Alpha-BHC	< 0.05		ug/l	12/17/96	1461399
			P003	Beta-BHC	< 0.05		ug/l	12/17/96	1461397
	DUP OF	1461397	P003	Beta-BHC	< 0.05		ug/l	12/17/96	1461399
			P004	Delta-BHC	< 0.05		ug/l	12/17/96	1461397
	DUP OF	1461397	P004	Delta-BHC	< 0.05		ug/l	12/17/96	1461399
			P005	Gamma-BHC (Lindane)	< 0.05		ug/l	12/17/96	1461397
	DUP OF	1461397	P005	Gamma-BHC (Lindane)	< 0.05		ug/l	12/17/96	1461399
			P006	4,4'-DDT	< 0.10		ug/l	12/17/96	1461397
	DUP OF	1461397	P006	4,4'-DDT	< 0.10		ug/l	12/17/96	1461399
			P007	4,4'-DDE	< 0.10		ug/l	12/17/96	1461397
	DUP OF	1461397	P007	4,4'-DDE	< 0.10		ug/l	12/17/96	1461399
			P008	4,4'-DDD	< 0.10		ug/l	12/17/96	1461397
	DUP OF	1461397	P008	4,4'-DDD	< 0.10		ug/l	12/17/96	1461399
			P009	Dieldrin	< 0.10		ug/l	12/17/96	1461397
	DUP OF	1461397	P009	Dieldrin	< 0.10		ug/l	12/17/96	1461399
			P010	Endosulfan I	< 0.05		ug/l	12/17/96	1461397
	DUP OF	1461397	P010	Endosulfan I	< 0.05		ug/l	12/17/96	1461399
			P011	Endosulfan II	< 0.10		ug/l	12/17/96	1461397
	DUP OF	1461397	P011	Endosulfan II	< 0.10		ug/l	12/17/96	1461399
			P012	Endosulfan Sulfate	< 0.10		ug/l	12/17/96	1461397
	DUP OF	1461397	P012	Endosulfan Sulfate	< 0.10		ug/l	12/17/96	1461399
			P013	Endrin	< 0.10		ug/l	12/17/96	1461397
	DUP OF	1461397	P013	Endrin	< 0.10		ug/l	12/17/96	1461399
			P014	Endrin Aldehyde	< 0.10		ug/l	12/17/96	1461397
	DUP OF	1461397	P014	Endrin Aldehyde	< 0.10		ug/l	12/17/96	1461399
			P015	Endrin Ketone	< 0.10		ug/l	12/17/96	1461397
	DUP OF	1461397	P015	Endrin Ketone	< 0.10		ug/l	12/17/96	1461399
			P016	Heptachlor	< 0.05		ug/l	12/17/96	1461397
	DUP OF	1461397	P016	Heptachlor	< 0.05		ug/l	12/17/96	1461399
			P017	Heptachlor Epoxide	< 0.05		ug/l	12/17/96	1461397
	DUP OF	1461397	P017	Heptachlor Epoxide	< 0.05		ug/l	12/17/96	1461399
			P018	Methoxychlor	< 0.50		ug/l	12/17/96	1461397

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TABLE 2-21
Groundwater Analytical Results
Pesticides/PCB's
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
GW-79-S								
			Pesticides, PCB's, and Herbicides					
	DUP OF 1461397	P018	Methoxychlor	< 0.50		ug/l	12/17/96	1461399
		P020	Toxaphene	< 1.0		ug/l	12/17/96	1461397
	DUP OF 1461397	P020	Toxaphene	< 1.0		ug/l	12/17/96	1461399
		P047	Alpha-Chlordane	< 0.05		ug/l	12/17/96	1461397
	DUP OF 1461397	P047	Alpha-Chlordane	< 0.05		ug/l	12/17/96	1461399
		P048	Gamma-Chlordane	< 0.05		ug/l	12/17/96	1461397
	DUP OF 1461397	P048	Gamma-Chlordane	< 0.05		ug/l	12/17/96	1461399
GW-80-BR								
			Pesticides, PCB's, and Herbicides					
		P001	Aldrin	< 0.05	uj	ug/l	10/19/95	1460597
		P002	Alpha-BHC	< 0.05	uj	ug/l	10/19/95	1460597
		P003	Beta-BHC	0.063	j	ug/l	10/19/95	1460597
		P004	Delta-BHC	< 0.05	uj	ug/l	10/19/95	1460597
		P005	Gamma-BHC (Lindane)	< 0.05	uj	ug/l	10/19/95	1460597
		P006	4,4'-DDT	< 0.1	uj	ug/l	10/19/95	1460597
		P007	4,4'-DDE	< 0.1	uj	ug/l	10/19/95	1460597
		P008	4,4'-DDD	< 0.1	uj	ug/l	10/19/95	1460597
		P009	Dieldrin	< 0.1	uj	ug/l	10/19/95	1460597
		P010	Endosulfan I	< 0.05	uj	ug/l	10/19/95	1460597
		P011	Endosulfan II	< 0.1	uj	ug/l	10/19/95	1460597
		P012	Endosulfan Sulfate	< 0.1	uj	ug/l	10/19/95	1460597
		P013	Endrin	< 0.1	uj	ug/l	10/19/95	1460597
		P014	Endrin Aldehyde	< 0.1	uj	ug/l	10/19/95	1460597
		P015	Endrin Ketone	< 0.1	uj	ug/l	10/19/95	1460597
		P016	Heptachlor	0.050	j	ug/l	10/19/95	1460597
		P017	Heptachlor Epoxide	< 0.05	uj	ug/l	10/19/95	1[illegible]7
		P018	Methoxychlor	< 0.5	uj	ug/l	10/19/95	1[illegible]7
		P020	Toxaphene	< 1	uj	ug/l	10/19/95	1460597
		P047	Alpha-Chlordane	< 0.05	uj	ug/l	10/19/95	1460597
		P048	Gamma-Chlordane	< 0.05	uj	ug/l	10/19/95	1460597
GW-80-D								
			Pesticides, PCB's, and Herbicides					
		P001	Aldrin	< 0.05		ug/l	10/19/95	1460596
		P002	Alpha-BHC	< 0.05		ug/l	10/19/95	1460596
		P003	Beta-BHC	< 0.05		ug/l	10/19/95	1460596
		P003	Beta-BHC	< 0.05		ug/l	10/19/95	1460596
		P004	Delta-BHC	< 0.05		ug/l	10/19/95	1460596
		P006	4,4'-DDT	< 0.1		ug/l	10/19/95	1460596
		P007	4,4'-DDE	< 0.1		ug/l	10/19/95	1460596
		P008	4,4'-DDD	< 0.1		ug/l	10/19/95	1460596
		P009	Dieldrin	< 0.1		ug/l	10/19/95	1460596
		P010	Endosulfan I	< 0.05		ug/l	10/19/95	1460596
		P011	Endosulfan II	< 0.1		ug/l	10/19/95	1460596
		P012	Endosulfan Sulfate	< 0.1		ug/l	10/19/95	1460596
		P013	Endrin	< 0.1		ug/l	10/19/95	1460596
		P014	Endrin Aldehyde	< 0.1		ug/l	10/19/95	1460596
		P015	Endrin Ketone	< 0.1		ug/l	10/19/95	1460596
		P016	Heptachlor	< 0.05		ug/l	10/19/95	1460596
		P017	Heptachlor Epoxide	< 0.05		ug/l	10/19/95	1460596
		P018	Methoxychlor	< 0.5		ug/l	10/19/95	1460596
		P020	Toxaphene	< 1		ug/l	10/19/95	1460596
		P047	Alpha-Chlordane	< 0.05		ug/l	10/19/95	1460596
		P048	Gamma-Chlordane	< 0.05		ug/l	10/19/95	1460596
GW-80-S								
			Pesticides, PCB's, and Herbicides					
		P001	Aldrin	< 0.05		ug/l	10/19/95	1460595

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TABLE 2-21
Groundwater Analytical Results
Pesticides/PCB's
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
GW-80-S			Pesticides, PCB's, and Herbicides					
		P002	Alpha-BHC	< 0.05		ug/l	10/19/95	1460595
		P003	Beta-BHC	< 0.05		ug/l	10/19/95	1460595
		P004	Delta-BHC	< 0.05		ug/l	10/19/95	1460595
		P005	Gamma-BHC (Lindane)	< 0.05		ug/l	10/19/95	1460595
		P006	4,4'-DDT	< 0.1		ug/l	10/19/95	1460595
		P007	4,4'-DDE	< 0.1		ug/l	10/19/95	1460595
		P008	4,4'-DDD	< 0.1		ug/l	10/19/95	1460595
		P009	Dieldrin	< 0.1		ug/l	10/19/95	1460595
		P010	Endosulfan I	< 0.05		ug/l	10/19/95	1460595
		P011	Endosulfan II	< 0.1		ug/l	10/19/95	1460595
		P012	Endosulfan Sulfate	< 0.1		ug/l	10/19/95	1460595
		P013	Endrin	< 0.1		ug/l	10/19/95	1460595
		P014	Endrin Aldehyde	< 0.1		ug/l	10/19/95	1460595
		P015	Endrin Ketone	< 0.1		ug/l	10/19/95	1460595
		P016	Heptachlor	< 0.05		ug/l	10/19/95	1460595
		P017	Heptachlor Epoxide	< 0.05		ug/l	10/19/95	1460595
		P018	Methoxychlor	< 0.5		ug/l	10/19/95	1460595
		P020	Toxaphene	< 1		ug/l	10/19/95	1460595
		P047	Alpha-Chlordane	< 0.05		ug/l	10/19/95	1460595
		P048	Gamma-Chlordane	< 0.05		ug/l	10/19/95	1460595
GW-81-BR			Pesticides, PCB's, and Herbicides					
		P001	Aldrin	< 0.05	uj	ug/l	10/19/95	1460601
		P002	Alpha-BHC	< 0.05	uj	ug/l	10/19/95	1460601
		P003	Beta-BHC	< 0.05	uj	ug/l	10/19/95	1460601
		P004	Delta-BHC	< 0.05	uj	ug/l	10/19/95	1460601
		P005	Gamma-BHC (Lindane)	< 0.05	uj	ug/l	10/19/95	1460601
		P006	4,4'-DDT	< 0.1	uj	ug/l	10/19/95	1460601
		P007	4,4'-DDE	< 0.1	uj	ug/l	10/19/95	1460601
		P008	4,4'-DDD	< 0.1	uj	ug/l	10/19/95	1460601
		P009	Dieldrin	< 0.1	uj	ug/l	10/19/95	1460601
		P010	Endosulfan I	< 0.05	uj	ug/l	10/19/95	1460601
		P011	Endosulfan II	< 0.1	uj	ug/l	10/19/95	1460601
		P012	Endosulfan Sulfate	< 0.1	uj	ug/l	10/19/95	1460601
		P013	Endrin	< 0.1	uj	ug/l	10/19/95	1460601
		P014	Endrin Aldehyde	< 0.1	uj	ug/l	10/19/95	1460601
		P015	Endrin Ketone	< 0.1	uj	ug/l	10/19/95	1460601
		P016	Heptachlor	< 0.05	uj	ug/l	10/19/95	1460601
		P017	Heptachlor Epoxide	< 0.05	uj	ug/l	10/19/95	1460601
		P018	Methoxychlor	< 0.5	uj	ug/l	10/19/95	1460601
		P020	Toxaphene	< 1	uj	ug/l	10/19/95	1460601
		P047	Alpha-Chlordane	< 0.05	uj	ug/l	10/19/95	1460601
		P048	Gamma-Chlordane	< 0.05	uj	ug/l	10/19/95	1460601
GW-81-D			Pesticides, PCB's, and Herbicides					
		P001	Aldrin	< 0.05		ug/l	10/19/95	1460600
	DUP OF 1460600	P001	Aldrin	< 0.05		ug/l	10/19/95	1460603
		P002	Alpha-BHC	< 0.05		ug/l	10/19/95	1460600
	DUP OF 1460600	P002	Alpha-BHC	< 0.05		ug/l	10/19/95	1460603
		P003	Beta-BHC	< 0.05		ug/l	10/19/95	1460600
	DUP OF 1460600	P003	Beta-BHC	< 0.05		ug/l	10/19/95	1460603
		P004	Delta-BHC	< 0.05		ug/l	10/19/95	1460600
	DUP OF 1460600	P004	Delta-BHC	< 0.05		ug/l	10/19/95	1460603
		P005	Gamma-BHC (Lindane)	< 0.05		ug/l	10/19/95	1460600
	DUP OF 1460600	P005	Gamma-BHC (Lindane)	< 0.05		ug/l	10/19/95	1460603
		P006	4,4'-DDT	< 0.1		ug/l	10/19/95	1460600
	DUP OF 1460600	P006	4,4'-DDT	< 0.1		ug/l	10/19/95	1460603

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TABLE 2-21
Groundwater Analytical Results
Pesticides/PCB's
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID		Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
GW-81-D				Pesticides, PCB's, and Herbicides					
			P007	4,4'-DDE	< 0.1		ug/l	10/19/95	1460600
	DUP OF	1460600	P007	4,4'-DDE	< 0.1		ug/l	10/19/95	1460603
			P008	4,4'-DDD	< 0.1		ug/l	10/19/95	1460600
	DUP OF	1460600	P008	4,4'-DDD	< 0.1		ug/l	10/19/95	1460603
			P009	Dieldrin	< 0.1		ug/l	10/19/95	1460600
	DUP OF	1460600	P009	Dieldrin	< 0.1		ug/l	10/19/95	1460603
			P010	Endosulfan I	< 0.05		ug/l	10/19/95	1460600
	DUP OF	1460600	P010	Endosulfan I	< 0.05		ug/l	10/19/95	1460603
			P011	Endosulfan II	< 0.1		ug/l	10/19/95	1460600
	DUP OF	1460600	P011	Endosulfan II	< 0.1		ug/l	10/19/95	1460603
			P012	Endosulfan Sulfate	< 0.1		ug/l	10/19/95	1460600
	DUP OF	1460600	P012	Endosulfan Sulfate	< 0.1		ug/l	10/19/95	1460603
			P013	Endrin	< 0.1		ug/l	10/19/95	1460600
	DUP OF	1460600	P013	Endrin	< 0.1		ug/l	10/19/95	1460603
			P014	Endrin Aldehyde	< 0.1		ug/l	10/19/95	1460600
	DUP OF	1460600	P014	Endrin Aldehyde	< 0.1		ug/l	10/19/95	1460603
			P015	Endrin Ketone	< 0.1		ug/l	10/19/95	1460600
	DUP OF	1460600	P015	Endrin Ketone	< 0.1		ug/l	10/19/95	1460603
			P016	Heptachlor	< 0.05		ug/l	10/19/95	1460600
	DUP OF	1460600	P016	Heptachlor	< 0.05		ug/l	10/19/95	1460603
			P017	Heptachlor Epoxide	< 0.05		ug/l	10/19/95	1460600
	DUP OF	1460600	P017	Heptachlor Epoxide	< 0.05		ug/l	10/19/95	1460603
			P018	Methoxychlor	< 0.5		ug/l	10/19/95	1460600
	DUP OF	1460600	P018	Methoxychlor	< 0.5		ug/l	10/19/95	1460603
			P020	Toxaphene	< 1		ug/l	10/19/95	1460600
	DUP OF	1460600	P020	Toxaphene	< 1		ug/l	10/19/95	1460603
			P047	Alpha-Chlordane	< 0.05		ug/l	10/19/95	[illegible]
	DUP OF	1460600	P047	Alpha-Chlordane	< 0.05		ug/l	10/19/95	[illegible]
			P048	Gamma-Chlordane	< 0.05		ug/l	10/19/95	[illegible]
	DUP OF	1460600	P048	Gamma-Chlordane	< 0.05		ug/l	10/19/95	1460603
IW-11				Pesticides, PCB's, and Herbicides					
			P001	Aldrin	0.077		ug/l	01/24/97	1461580
			P002	Alpha-BHC	< 0.05		ug/l	01/24/97	1461580
			P003	Beta-BHC	< 0.05		ug/l	01/24/97	1461580
			P004	Delta-BHC	< 0.05		ug/l	01/24/97	1461580
			P005	Gamma-BHC (Lindane)	< 0.05		ug/l	01/24/97	1461580
			P006	4,4'-DDT	< 0.10		ug/l	01/24/97	1461580
			P007	4,4'-DDE	< 0.10		ug/l	01/24/97	1461580
			P008	4,4'-DDD	< 0.10		ug/l	01/24/97	1461580
			P009	Dieldrin	< 0.10		ug/l	01/24/97	1461580
			P010	Endosulfan I	< 0.05		ug/l	01/24/97	1461580
			P011	Endosulfan II	< 0.10		ug/l	01/24/97	1461580
			P012	Endosulfan Sulfate	< 0.10		ug/l	01/24/97	1461580
			P013	Endrin	0.0041	J	ug/l	01/24/97	1461580
			P014	Endrin Aldehyde	< 0.10		ug/l	01/24/97	1461580
			P015	Endrin Ketone	< 0.10		ug/l	01/24/97	1461580
			P016	Heptachlor	0.013	J	ug/l	01/24/97	1461580
			P017	Heptachlor Epoxide	< 0.05		ug/l	01/24/97	1461580
			P018	Methoxychlor	< 0.50		ug/l	01/24/97	1461580
			P020	Toxaphene	< 1.0		ug/l	01/24/97	1461580
			P047	Alpha-Chlordane	< 0.05		ug/l	01/24/97	1461580
			P048	Gamma-Chlordane	< 0.05		ug/l	01/24/97	1461580
IW-12				Pesticides, PCB's, and Herbicides					
			P001	Aldrin	< 0.05		ug/l	01/24/97	1461582
			P002	Alpha-BHC	< 0.05		ug/l	01/24/97	1461582

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TABLE 2-21
Groundwater Analytical Results
Pesticides/PCB's
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
IW-12								
			Pesticides, PCB's, and Herbicides					
		P003	Beta-BHC	< 0.05		ug/l	01/24/97	1461582
		P004	Delta-BHC	< 0.05		ug/l	01/24/97	1461582
		P005	Gamma-BHC (Lindane)	< 0.05		ug/l	01/24/97	1461582
		P006	4,4'-DDT	< 0.10		ug/l	01/24/97	1461582
		P007	4,4'-DDE	< 0.10		ug/l	01/24/97	1461582
		P008	4,4'-DDD	< 0.10		ug/l	01/24/97	1461582
		P009	Dieldrin	< 0.10		ug/l	01/24/97	1461582
		P010	Endosulfan I	< 0.05		ug/l	01/24/97	1461582
		P011	Endosulfan II	< 0.10		ug/l	01/24/97	1461582
		P012	Endosulfan Sulfate	< 0.10		ug/l	01/24/97	1461582
		P013	Endrin	< 0.10		ug/l	01/24/97	1461582
		P014	Endrin Aldehyde	< 0.10		ug/l	01/24/97	1461582
		P015	Endrin Ketone	< 0.10		ug/l	01/24/97	1461582
		P016	Heptachlor	< 0.05		ug/l	01/24/97	1461582
		P017	Heptachlor Epoxide	< 0.05		ug/l	01/24/97	1461582
		P018	Methoxychlor	< 0.50		ug/l	01/24/97	1461582
		P020	Toxaphene	< 1.0		ug/l	01/24/97	1461582
		P047	Alpha-Chlordane	< 0.05		ug/l	01/24/97	1461582
		P048	Gamma-Chlordane	< 0.05		ug/l	01/24/97	1461582
IW-13								
			Pesticides, PCB's, and Herbicides					
		P001	Aldrin	< 0.05		ug/l	12/18/96	1461383
		P002	Alpha-BHC	< 0.05		ug/l	12/18/96	1461383
		P003	Beta-BHC	< 0.05		ug/l	12/18/96	1461383
		P004	Delta-BHC	< 0.05		ug/l	12/18/96	1461383
		P005	Gamma-BHC (Lindane)	< 0.05		ug/l	12/18/96	1461383
		P006	4,4'-DDT	< 0.10		ug/l	12/18/96	1461383
		P007	4,4'-DDE	< 0.10		ug/l	12/18/96	1461383
		P008	4,4'-DDD	< 0.10		ug/l	12/18/96	1461383
		P009	Dieldrin	< 0.10		ug/l	12/18/96	1461383
		P010	Endosulfan I	< 0.05		ug/l	12/18/96	1461383
		P011	Endosulfan II	< 0.10		ug/l	12/18/96	1461383
		P012	Endosulfan Sulfate	< 0.10		ug/l	12/18/96	1461383
		P013	Endrin	< 0.10		ug/l	12/18/96	1461383
		P014	Endrin Aldehyde	< 0.10		ug/l	12/18/96	1461383
		P015	Endrin Ketone	< 0.10		ug/l	12/18/96	1461383
		P016	Heptachlor	< 0.05		ug/l	12/18/96	1461383
		P017	Heptachlor Epoxide	< 0.05		ug/l	12/18/96	1461383
		P018	Methoxychlor	< 0.50		ug/l	12/18/96	1461383
		P020	Toxaphene	< 1.0		ug/l	12/18/96	1461383
		P047	Alpha-Chlordane	< 0.05		ug/l	12/18/96	1461383
		P048	Gamma-Chlordane	< 0.05		ug/l	12/18/96	1461383
M-24/L-54								
			Pesticides, PCB's, and Herbicides					
		P001	Aldrin	< 0.1		ug/l	08/12/96	1461029
		P005	Gamma-BHC (Lindane)	< 0.02		ug/l	08/12/96	1461029
		P009	Dieldrin	< 0.1		ug/l	08/12/96	1461029
		P013	Endrin	< 0.01		ug/l	08/12/96	1461029
		P016	Heptachlor	< 0.04		ug/l	08/12/96	1461029
		P017	Heptachlor Epoxide	< 0.02		ug/l	08/12/96	1461029
		P018	Methoxychlor	< 0.1		ug/l	08/12/96	1461029
		P041	Alachlor	< 0.1		ug/l	08/12/96	1461029
		P047	Alpha-Chlordane	< 0.1		ug/l	08/12/96	1461029
		P048	Gamma-Chlordane	< 0.1		ug/l	08/12/96	1461029
		P089	Butachlor	< 0.1		ug/l	08/12/96	1461029
		P090	Metolachlor	< 0.1		ug/l	08/12/96	1461029
		P091	Metribuzin	< 0.1		ug/l	08/12/96	1461029

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TABLE 2-21
Groundwater Analytical Results
Pesticides/PCB's
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
M-24/L-54								
			Pesticides, PCB's, and Herbicides					
		P092	Propachlor	< 0.1		ug/l	08/12/96	1461029
		P093	Simazine	< 0.07		ug/l	08/12/96	1461029
		P094	Atrazine	< 0.1		ug/l	08/12/96	1461029
M-24/L-63								
			Pesticides, PCB's, and Herbicides					
		P001	Aldrin	< 0.1		ug/l	08/13/96	1461034
		P005	Gamma-BHC (Lindane)	< 0.02		ug/l	08/13/96	1461034
		P009	Dieldrin	< 0.1		ug/l	08/13/96	1461034
		P013	Endrin	< 0.01		ug/l	08/13/96	1461034
		P016	Heptachlor	< 0.04		ug/l	08/13/96	1461034
		P017	Heptachlor Epoxide	< 0.02		ug/l	08/13/96	1461034
		P018	Methoxychlor	< 0.1		ug/l	08/13/96	1461034
		P041	Alachlor	< 0.1		ug/l	08/13/96	1461034
		P047	Alpha-Chlordane	< 0.1		ug/l	08/13/96	1461034
		P048	Gamma-Chlordane	< 0.1		ug/l	08/13/96	1461034
		P089	Butachlor	< 0.1		ug/l	08/13/96	1461034
		P090	Metolachlor	< 0.1		ug/l	08/13/96	1461034
		P091	Metribuzin	< 0.1		ug/l	08/13/96	1461034
		P092	Propachlor	< 0.1		ug/l	08/13/96	1461034
		P093	Simazine	< 0.07		ug/l	08/13/96	1461034
		P094	Atrazine	< 0.1		ug/l	08/13/96	1461034
M-24/L-64								
			Pesticides, PCB's, and Herbicides					
		P001	Aldrin	< 0.1		ug/l	08/12/96	1461026
		P005	Gamma-BHC (Lindane)	< 0.02		ug/l	08/12/96	1[illegible]5
		P009	Dieldrin	< 0.1		ug/l	08/12/96	1[illegible]5
		P013	Endrin	< 0.01		ug/l	08/12/96	14[illegible]26
		P016	Heptachlor	< 0.04		ug/l	08/12/96	1461026
		P017	Heptachlor Epoxide	< 0.02		ug/l	08/12/96	1461026
		P018	Methoxychlor	< 0.1		ug/l	08/12/96	1461026
		P041	Alachlor	< 0.1		ug/l	08/12/96	1461026
		P047	Alpha-Chlordane	< 0.1		ug/l	08/12/96	1461026
		P048	Gamma-Chlordane	< 0.1		ug/l	08/12/96	1461026
		P089	Butachlor	< 0.1		ug/l	08/12/96	1461026
		P090	Metolachlor	< 0.1		ug/l	08/12/96	1461026
		P091	Metribuzin	< 0.1		ug/l	08/12/96	1461026
		P092	Propachlor	< 0.1		ug/l	08/12/96	1461026
		P093	Simazine	< 0.07		ug/l	08/12/96	1461026
		P094	Atrazine	< 0.1		ug/l	08/12/96	1461026
M-24/L-66								
			Pesticides, PCB's, and Herbicides					
		P001	Aldrin	< 0.1		ug/l	08/12/96	1461031
	DUP OF 1461031	P001	Aldrin	< 0.1		ug/l	08/12/96	1461032
		P005	Gamma-BHC (Lindane)	< 0.02		ug/l	08/12/96	1461031
	DUP OF 1461031	P005	Gamma-BHC (Lindane)	< 0.02		ug/l	08/12/96	1461032
		P009	Dieldrin	< 0.1		ug/l	08/12/96	1461031
	DUP OF 1461031	P009	Dieldrin	< 0.1		ug/l	08/12/96	1461032
		P013	Endrin	< 0.01		ug/l	08/12/96	1461031
	DUP OF 1461031	P013	Endrin	< 0.01		ug/l	08/12/96	1461032
		P016	Heptachlor	< 0.04		ug/l	08/12/96	1461031
	DUP OF 1461031	P016	Heptachlor	< 0.04		ug/l	08/12/96	1461032
		P017	Heptachlor Epoxide	< 0.02		ug/l	08/12/96	1461031
	DUP OF 1461031	P017	Heptachlor Epoxide	< 0.02		ug/l	08/12/96	1461032
		P018	Methoxychlor	< 0.1		ug/l	08/12/96	1461031
	DUP OF 1461031	P018	Methoxychlor	< 0.1		ug/l	08/12/96	1461032
		P041	Alachlor	< 0.1		ug/l	08/12/96	1461031

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TABLE 2-21
Groundwater Analytical Results
Pesticides/PCB's
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
M-24/L-66								
			Pesticides, PCB's, and Herbicides					
	DUP OF 1461031	P041	Alachlor	< 0.1		ug/l	08/12/96	1461032
		P047	Alpha-Chlordane	< 0.1		ug/l	08/12/96	1461031
	DUP OF 1461031	P047	Alpha-Chlordane	< 0.1		ug/l	08/12/96	1461032
		P048	Gamma-Chlordane	< 0.1		ug/l	08/12/96	1461031
	DUP OF 1461031	P048	Gamma-Chlordane	< 0.1		ug/l	08/12/96	1461032
		P089	Butachlor	< 0.1		ug/l	08/12/96	1461031
	DUP OF 1461031	P089	Butachlor	< 0.1		ug/l	08/12/96	1461032
		P090	Metolachlor	< 0.1		ug/l	08/12/96	1461031
	DUP OF 1461031	P090	Metolachlor	< 0.1		ug/l	08/12/96	1461032
		P091	Metribuzin	< 0.1		ug/l	08/12/96	1461031
	DUP OF 1461031	P091	Metribuzin	< 0.1		ug/l	08/12/96	1461032
		P092	Propachlor	< 0.1		ug/l	08/12/96	1461031
	DUP OF 1461031	P092	Propachlor	< 0.1		ug/l	08/12/96	1461032
		P093	Simazine	< 0.07		ug/l	08/12/96	1461031
	DUP OF 1461031	P093	Simazine	< 0.07		ug/l	08/12/96	1461032
		P094	Atrazine	< 0.1		ug/l	08/12/96	1461031
	DUP OF 1461031	P094	Atrazine	< 0.1		ug/l	08/12/96	1461032
M-24/L-72A								
			Pesticides, PCB's, and Herbicides					
		P001	Aldrin	< 0.1		ug/l	08/13/96	1461038
		P005	Gamma-BHC (Lindane)	< 0.02		ug/l	08/13/96	1461038
		P009	Dieldrin	< 0.1		ug/l	08/13/96	1461038
		P013	Endrin	< 0.01		ug/l	08/13/96	1461038
		P016	Heptachlor	< 0.04		ug/l	08/13/96	1461038
		P017	Heptachlor Epoxide	< 0.02		ug/l	08/13/96	1461038
		P018	Methoxychlor	< 0.1		ug/l	08/13/96	1461038
		P041	Alachlor	< 0.1		ug/l	08/13/96	1461038
		P047	Alpha-Chlordane	< 0.1		ug/l	08/13/96	1461038
		P048	Gamma-Chlordane	< 0.1		ug/l	08/13/96	1461038
		P089	Butachlor	< 0.1		ug/l	08/13/96	1461038
		P090	Metolachlor	< 0.1		ug/l	08/13/96	1461038
		P091	Metribuzin	< 0.1		ug/l	08/13/96	1461038
		P092	Propachlor	< 0.1		ug/l	08/13/96	1461038
		P093	Simazine	< 0.07		ug/l	08/13/96	1461038
		P094	Atrazine	< 0.1		ug/l	08/13/96	1461038
M-24/L-87A								
			Pesticides, PCB's, and Herbicides					
		P001	Aldrin	< 0.1		ug/l	08/12/96	1461027
		P005	Gamma-BHC (Lindane)	< 0.02		ug/l	08/12/96	1461027
		P009	Dieldrin	< 0.1		ug/l	08/12/96	1461027
		P013	Endrin	< 0.01		ug/l	08/12/96	1461027
		P016	Heptachlor	< 0.04		ug/l	08/12/96	1461027
		P017	Heptachlor Epoxide	< 0.02		ug/l	08/12/96	1461027
		P018	Methoxychlor	< 0.1		ug/l	08/12/96	1461027
		P041	Alachlor	< 0.1		ug/l	08/12/96	1461027
		P047	Alpha-Chlordane	< 0.1		ug/l	08/12/96	1461027
		P048	Gamma-Chlordane	< 0.1		ug/l	08/12/96	1461027
		P089	Butachlor	< 0.1		ug/l	08/12/96	1461027
		P090	Metolachlor	< 0.1		ug/l	08/12/96	1461027
		P091	Metribuzin	< 0.1		ug/l	08/12/96	1461027
		P092	Propachlor	< 0.1		ug/l	08/12/96	1461027
		P093	Simazine	< 0.07		ug/l	08/12/96	1461027
		P094	Atrazine	< 0.1		ug/l	08/12/96	1461027
M-24/L-94								
			Pesticides, PCB's, and Herbicides					
		P001	Aldrin	< 0.1		ug/l	08/12/96	1461028

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TABLE 2-21
Groundwater Analytical Results
Pesticides/PCB's
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
M-24/L-94								
			Pesticides, PCB's, and Herbicides					
		P005	Gamma-BHC (Lindane)	< 0.02		ug/l	08/12/96	1461028
		P009	Dieldrin	< 0.1		ug/l	08/12/96	1461028
		P013	Endrin	< 0.01		ug/l	08/12/96	1461028
		P016	Heptachlor	< 0.04		ug/l	08/12/96	1461028
		P017	Heptachlor Epoxide	< 0.02		ug/l	08/12/96	1461028
		P018	Methoxychlor	< 0.1		ug/l	08/12/96	1461028
		P041	Alachlor	< 0.1		ug/l	08/12/96	1461028
		P047	Alpha-Chlordane	< 0.1		ug/l	08/12/96	1461028
		P048	Gamma-Chlordane	< 0.1		ug/l	08/12/96	1461028
		P089	Butachlor	< 0.1		ug/l	08/12/96	1461028
		P090	Metolachlor	< 0.1		ug/l	08/12/96	1461028
		P091	Metribuzin	< 0.1		ug/l	08/12/96	1461028
		P092	Propachlor	< 0.1		ug/l	08/12/96	1461028
		P093	Simazine	< 0.07		ug/l	08/12/96	1461028
		P094	Atrazine	< 0.1		ug/l	08/12/96	1461028
M-24/L-116								
			Pesticides, PCB's, and Herbicides					
		P001	Aldrin	< 0.1		ug/l	08/13/96	1461039
		P005	Gamma-BHC (Lindane)	< 0.02		ug/l	08/13/96	1461039
		P009	Dieldrin	< 0.1		ug/l	08/13/96	1461039
		P013	Endrin	< 0.01		ug/l	08/13/96	1461039
		P016	Heptachlor	< 0.04		ug/l	08/13/96	1461039
		P017	Heptachlor Epoxide	< 0.02		ug/l	08/13/96	1461039
		P018	Methoxychlor	< 0.1		ug/l	08/13/96	1461039
		P041	Alachlor	< 0.1		ug/l	08/13/96	1461039
		P047	Alpha-Chlordane	< 0.1		ug/l	08/13/96	1[illegible]9
		P048	Gamma-Chlordane	< 0.1		ug/l	08/13/96	1[illegible]9
		P089	Butachlor	< 0.1		ug/l	08/13/96	1461039
		P090	Metolachlor	< 0.1		ug/l	08/13/96	1461039
		P091	Metribuzin	< 0.1		ug/l	08/13/96	1461039
		P092	Propachlor	< 0.1		ug/l	08/13/96	1461039
		P093	Simazine	< 0.07		ug/l	08/13/96	1461039
		P094	Atrazine	< 0.1		ug/l	08/13/96	1461039
M-24/L-117								
			Pesticides, PCB's, and Herbicides					
		P001	Aldrin	< 0.1		ug/l	08/13/96	1461033
		P005	Gamma-BHC (Lindane)	< 0.02		ug/l	08/13/96	1461033
		P009	Dieldrin	< 0.1		ug/l	08/13/96	1461033
		P013	Endrin	< 0.01		ug/l	08/13/96	1461033
		P016	Heptachlor	< 0.04		ug/l	08/13/96	1461033
		P017	Heptachlor Epoxide	< 0.02		ug/l	08/13/96	1461033
		P018	Methoxychlor	< 0.1		ug/l	08/13/96	1461033
		P041	Alachlor	< 0.1		ug/l	08/13/96	1461033
		P047	Alpha-Chlordane	< 0.1		ug/l	08/13/96	1461033
		P048	Gamma-Chlordane	< 0.1		ug/l	08/13/96	1461033
		P089	Butachlor	< 0.1		ug/l	08/13/96	1461033
		P090	Metolachlor	< 0.1		ug/l	08/13/96	1461033
		P091	Metribuzin	< 0.1		ug/l	08/13/96	1461033
		P092	Propachlor	< 0.1		ug/l	08/13/96	1461033
		P093	Simazine	< 0.07		ug/l	08/13/96	1461033
		P094	Atrazine	< 0.1		ug/l	08/13/96	1461033
M-25/L-04								
			Pesticides, PCB's, and Herbicides					
		P001	Aldrin	< 0.1		ug/l	08/12/96	1461030
		P005	Gamma-BHC (Lindane)	< 0.02		ug/l	08/12/96	1461030
		P009	Dieldrin	< 0.1		ug/l	08/12/96	1461030

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TABLE 2-21
Groundwater Analytical Results
Pesticides/PCB's
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
M-25/L-04								
			Pesticides, PCB's, and Herbicides					
		P013	Endrin	< 0.01		ug/l	08/12/96	1461030
		P016	Heptachlor	< 0.04		ug/l	08/12/96	1461030
		P017	Heptachlor Epoxide	< 0.02		ug/l	08/12/96	1461030
		P018	Methoxychlor	< 0.1		ug/l	08/12/96	1461030
		P041	Alachlor	< 0.1		ug/l	08/12/96	1461030
		P047	Alpha-Chlordane	< 0.1		ug/l	08/12/96	1461030
		P048	Gamma-Chlordane	< 0.1		ug/l	08/12/96	1461030
		P089	Butachlor	< 0.1		ug/l	08/12/96	1461030
		P090	Metolachlor	< 0.1		ug/l	08/12/96	1461030
		P091	Metribuzin	< 0.1		ug/l	08/12/96	1461030
		P092	Propachlor	< 0.1		ug/l	08/12/96	1461030
		P093	Simazine	< 0.07		ug/l	08/12/96	1461030
		P094	Atrazine	< 0.1		ug/l	08/12/96	1461030
M-25/L-07								
			Pesticides, PCB's, and Herbicides					
		P001	Aldrin	< 0.1		ug/l	08/13/96	1461035
		P005	Gamma-BHC (Lindane)	< 0.02		ug/l	08/13/96	1461035
		P009	Dieldrin	< 0.1		ug/l	08/13/96	1461035
		P013	Endrin	< 0.01		ug/l	08/13/96	1461035
		P016	Heptachlor	< 0.04		ug/l	08/13/96	1461035
		P017	Heptachlor Epoxide	< 0.02		ug/l	08/13/96	1461035
		P018	Methoxychlor	< 0.1		ug/l	08/13/96	1461035
		P041	Alachlor	< 0.1		ug/l	08/13/96	1461035
		P047	Alpha-Chlordane	< 0.1		ug/l	08/13/96	1461035
		P048	Gamma-Chlordane	< 0.1		ug/l	08/13/96	1461035
		P089	Butachlor	< 0.1		ug/l	08/13/96	1461035
		P090	Metolachlor	< 0.1		ug/l	08/13/96	1461035
		P091	Metribuzin	< 0.1		ug/l	08/13/96	1461035
		P092	Propachlor	< 0.1		ug/l	08/13/96	1461035
		P093	Simazine	< 0.07		ug/l	08/13/96	1461035
		P094	Atrazine	< 0.1		ug/l	08/13/96	1461035
M-25/L-08-IN								
			Pesticides, PCB's, and Herbicides					
		P001	Aldrin	< 0.1		ug/l	08/13/96	1461036
	DUP OF 1461036	P001	Aldrin	< 0.1		ug/l	08/13/96	1461037
		P005	Gamma-BHC (Lindane)	< 0.02		ug/l	08/13/96	1461036
	DUP OF 1461036	P005	Gamma-BHC (Lindane)	< 0.02		ug/l	08/13/96	1461037
		P009	Dieldrin	< 0.1		ug/l	08/13/96	1461036
	DUP OF 1461036	P009	Dieldrin	< 0.1		ug/l	08/13/96	1461037
		P013	Endrin	< 0.01		ug/l	08/13/96	1461036
	DUP OF 1461036	P013	Endrin	< 0.01		ug/l	08/13/96	1461037
		P016	Heptachlor	< 0.04		ug/l	08/13/96	1461036
	DUP OF 1461036	P016	Heptachlor	< 0.04		ug/l	08/13/96	1461037
		P017	Heptachlor Epoxide	< 0.02		ug/l	08/13/96	1461036
	DUP OF 1461036	P017	Heptachlor Epoxide	< 0.02		ug/l	08/13/96	1461037
		P018	Methoxychlor	< 0.1		ug/l	08/13/96	1461036
	DUP OF 1461036	P018	Methoxychlor	< 0.1		ug/l	08/13/96	1461037
		P041	Alachlor	< 0.1		ug/l	08/13/96	1461036
	DUP OF 1461036	P041	Alachlor	< 0.1		ug/l	08/13/96	1461037
		P047	Alpha-Chlordane	< 0.1		ug/l	08/13/96	1461036
	DUP OF 1461036	P047	Alpha-Chlordane	< 0.1		ug/l	08/13/96	1461037
		P048	Gamma-Chlordane	< 0.1		ug/l	08/13/96	1461036
	DUP OF 1461036	P048	Gamma-Chlordane	< 0.1		ug/l	08/13/96	1461037
		P089	Butachlor	< 0.1		ug/l	08/13/96	1461036
	DUP OF 1461036	P089	Butachlor	< 0.1		ug/l	08/13/96	1461037
		P090	Metolachlor	< 0.1		ug/l	08/13/96	1461036
	DUP OF 1461036	P090	Metolachlor	< 0.1		ug/l	08/13/96	1461037

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TABLE 2-21
Groundwater Analytical Results
Pesticides/PCB's
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
M-25/L-08-IN								
			Pesticides, PCB's, and Herbicides					
		P091	Metribuzin	< 0.1		ug/l	08/13/96	1461036
	DUP OF 1461036	P091	Metribuzin	< 0.1		ug/l	08/13/96	1461037
		P092	Propachlor	< 0.1		ug/l	08/13/96	1461036
	DUP OF 1461036	P092	Propachlor	< 0.1		ug/l	08/13/96	1461037
		P093	Simazine	< 0.07		ug/l	08/13/96	1461036
	DUP OF 1461036	P093	Simazine	< 0.07		ug/l	08/13/96	1461037
		P094	Atrazine	< 0.1		ug/l	08/13/96	1461036
	DUP OF 1461036	P094	Atrazine	< 0.1		ug/l	08/13/96	1461037

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TABLE-22
Groundwater Analytical Results
Inorganic Parameters
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
ALTRON B1								
			Metals					
		M001	Aluminum	0.17		mg/l	07/15/93	1460169
		M002	Antimony	< 0.005		mg/l	07/15/93	1460169
		M003	Arsenic	< 0.005		mg/l	07/15/93	1460169
		M004	Barium	0.051		mg/l	07/15/93	1460169
		M005	Beryllium	< 0.005		mg/l	07/15/93	1460169
		M006	Cadmium	< 0.01		mg/l	07/15/93	1460169
		M007	Calcium	17		mg/l	07/15/93	1460169
		M008	Chromium	< 0.015		mg/l	07/15/93	1460169
		M009	Cobalt	< 0.03		mg/l	07/15/93	1460169
		M010	Copper	< 0.025		mg/l	07/15/93	1460169
		M011	Iron	0.074		mg/l	07/15/93	1460169
		M012	Lead	< 0.005		mg/l	07/15/93	1460169
		M013	Magnesium	3.7		mg/l	07/15/93	1460169
		M014	Manganese	1		mg/l	07/15/93	1460169
		M015	Mercury	< 0.2		ug/l	07/15/93	1460169
		M016	Nickel	< 0.04		mg/l	07/15/93	1460169
		M017	Potassium	2.6		mg/l	07/15/93	1460169
		M018	Selenium	< 0.005		mg/l	07/15/93	1460169
		M019	Silver	< 0.015		mg/l	07/15/93	1460169
		M020	Sodium	65		mg/l	07/15/93	1460169
		M021	Thallium	< 0.005		mg/l	07/15/93	1460169
		M023	Vanadium	< 0.025		mg/l	07/15/93	1460169
		M024	Zinc	0.032		mg/l	07/15/93	1460169
			Metals - Dissolved					
	FILTERED 1461259	M028	Arsenic, Dissolved	< 0.010		mg/l	10/17/96	1461300
	FILTERED 1461259	M029	Barium, Dissolved	< 0.2		mg/l	10/17/96	1461300
	FILTERED 1461259	M031	Beryllium, Dissolved	< 0.005		mg/l	10/17/96	1461300
	FILTERED 1461259	M032	Silver, Dissolved	< 0.01		mg/l	10/17/96	1461300
	FILTERED 1461259	M033	Calcium, Dissolved	23.4		mg/l	10/17/96	1461300
	FILTERED 1461259	M034	Cadmium, Dissolved	< 0.005		mg/l	10/17/96	1461300
	FILTERED 1461259	M036	Chromium, Dissolved	< 0.01		mg/l	10/17/96	1461300
	FILTERED 1461259	M037	Copper, Dissolved	< 0.025		mg/l	10/17/96	1461300
	FILTERED 1461259	M040	Iron, Dissolved	0.115		mg/l	10/17/96	1461300
	FILTERED 1461259	M041	Mercury, Dissolved	< 0.2		ug/l	10/17/96	1461300
	FILTERED 1461259	M042	Potassium, Dissolved	< 5.0		mg/l	10/17/96	1461300
	FILTERED 1461259	M044	Magnesium, Dissolved	6.95		mg/l	10/17/96	1461300
	FILTERED 1461259	M045	Manganese, Dissolved	1.85		mg/l	10/17/96	1461300
	FILTERED 1461259	M047	Sodium, Dissolved	75.4		mg/l	10/17/96	1461300
	FILTERED 1461259	M048	Lead, Dissolved	< 0.003		mg/l	10/17/96	1461300
	FILTERED 1461259	M050	Selenium, Dissolved	< 0.005		mg/l	10/17/96	1461300
	FILTERED 1461259	M053	Zinc, Dissolved	0.064		mg/l	10/17/96	1461300
	FILTERED 1461259	M054	Aluminum, Dissolved	0.483		mg/l	10/17/96	1461300
	FILTERED 1461259	M055	Cobalt, Dissolved	< 0.05		mg/l	10/17/96	1461300
	FILTERED 1461259	M059	Nickel, Dissolved	< 0.04		mg/l	10/17/96	1461300
	FILTERED 1461259	M098	Thallium, Dissolved	< 0.01		mg/l	10/17/96	1461300
	FILTERED 1461259	M099	Vanadium, Dissolved	< 0.05		mg/l	10/17/96	1461300
	FILTERED 1461259	M100	Antimony, Dissolved	< 0.06		mg/l	10/17/96	1461300
			Inorganic Non-metals					
		I005	Chloride	100		mg/l	07/15/93	1460169
	FILTERED 1461259	I005	Chloride	156		mg/l	10/17/96	1461300
		I009	Nitrogen, Ammonia	34		mg/l	07/15/93	1460169
	FILTERED 1461259	I009	Nitrogen, Ammonia	60.7		mg/l	10/17/96	1461300
		I018	Sulfate as SO4	140		mg/l	07/15/93	1460169
	FILTERED 1461259	I018	Sulfate as SO4	316		mg/l	10/17/96	1461300
	FILTERED 1461259	I070	Bicarbonate as HCO3	28.0		mg/l	10/17/96	1461300
			Physical Properties					
		F037	pH Field	5.50		Std. Un	10/17/96	1461259
		F062	Specific Conductance - Field	833		umhos	10/17/96	1461259
		F064	Temperature - Field	16		deg. C	10/17/96	1461259

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TABLE-22
Groundwater Analytical Results
Inorganic Parameters
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sam Num
ALTRON B3								
			Metals					
		M001	Aluminum	0.22		mg/l	07/15/93	1460
		M002	Antimony	< 0.005		mg/l	07/15/93	1460
		M003	Arsenic	< 0.005		mg/l	07/15/93	1460
		M004	Barium	0.04		mg/l	07/15/93	1460
		M005	Beryllium	< 0.005		mg/l	07/15/93	1460
		M006	Cadmium	< 0.01		mg/l	07/15/93	1460
		M007	Calcium	20		mg/l	07/15/93	1460
		M008	Chromium	< 0.015		mg/l	07/15/93	1460
		M009	Cobalt	< 0.03		mg/l	07/15/93	1460
		M010	Copper	0.037		mg/l	07/15/93	1460
		M011	Iron	0.84		mg/l	07/15/93	1460
		M012	Lead	0.01		mg/l	07/15/93	1460
		M013	Magnesium	4.4		mg/l	07/15/93	1460
		M014	Manganese	3		mg/l	07/15/93	1460
		M015	Mercury	< 0.2		ug/l	07/15/93	1460
		M016	Nickel	< 0.04		mg/l	07/15/93	1460
		M017	Potassium	5		mg/l	07/15/93	1460
		M018	Selenium	< 0.005		mg/l	07/15/93	1460
		M019	Silver	< 0.015		mg/l	07/15/93	1460
		M020	Sodium	75		mg/l	07/15/93	1460
		M021	Thallium	< 0.005		mg/l	07/15/93	1460
		M023	Vanadium	< 0.025		mg/l	07/15/93	1460
		M024	Zinc	0.037		mg/l	07/15/93	1460
			Metals - Dissolved					
	FILTERED 1461260	M028	Arsenic, Dissolved	< 0.010		mg/l	10/17/96	14613
	FILTERED 1461260	M029	Barium, Dissolved	< 0.2		mg/l	10/17/96	1
	FILTERED 1461260	M031	Beryllium, Dissolved	< 0.005		mg/l	10/17/96	
	FILTERED 1461260	M032	Silver, Dissolved	< 0.01		mg/l	10/17/96	1
	FILTERED 1461260	M033	Calcium, Dissolved	18.9		mg/l	10/17/96	14613
	FILTERED 1461260	M034	Cadmium, Dissolved	< 0.005		mg/l	10/17/96	14613
	FILTERED 1461260	M036	Chromium, Dissolved	< 0.01		mg/l	10/17/96	14613
	FILTERED 1461260	M037	Copper, Dissolved	0.032		mg/l	10/17/96	14613
	FILTERED 1461260	M040	Iron, Dissolved	< 0.10		mg/l	10/17/96	14613
	FILTERED 1461260	M041	Mercury, Dissolved	< 0.2		ug/l	10/17/96	14613
	FILTERED 1461260	M042	Potassium, Dissolved	5.29		mg/l	10/17/96	14613
	FILTERED 1461260	M044	Magnesium, Dissolved	< 5.00		mg/l	10/17/96	14613
	FILTERED 1461260	M045	Manganese, Dissolved	2.79		mg/l	10/17/96	14613
	FILTERED 1461260	M047	Sodium, Dissolved	69.7		mg/l	10/17/96	14613
	FILTERED 1461260	M048	Lead, Dissolved	0.003		mg/l	10/17/96	14613
	FILTERED 1461260	M050	Selenium, Dissolved	< 0.005		mg/l	10/17/96	14613
	FILTERED 1461260	M053	Zinc, Dissolved	0.027		mg/l	10/17/96	14613
	FILTERED 1461260	M054	Aluminum, Dissolved	0.204		mg/l	10/17/96	14613
	FILTERED 1461260	M055	Cobalt, Dissolved	< 0.05		mg/l	10/17/96	14613
	FILTERED 1461260	M059	Nickel, Dissolved	< 0.04		mg/l	10/17/96	14613
	FILTERED 1461260	M098	Thallium, Dissolved	< 0.01		mg/l	10/17/96	14613
	FILTERED 1461260	M099	Vanadium, Dissolved	< 0.05		mg/l	10/17/96	14613
	FILTERED 1461260	M100	Antimony, Dissolved	< 0.06		mg/l	10/17/96	14613
			Inorganic Non-metals					
		I005	Chloride	110		mg/l	07/15/93	14601
	FILTERED 1461260	I005	Chloride	180		mg/l	10/17/96	14613
		I009	Nitrogen, Ammonia	7.8		mg/l	07/15/93	14601
	FILTERED 1461260	I009	Nitrogen, Ammonia	9.0		mg/l	10/17/96	14613
		I018	Sulfate as SO4	91		mg/l	07/15/93	14601
	FILTERED 1461260	I018	Sulfate as SO4	86.8		mg/l	10/17/96	14613
	FILTERED 1461260	I070	Bicarbonate as HCO3	20.2		mg/l	10/17/96	14613
			Physical Properties					
		F037	pH Field	5.80		Std. Un	10/17/96	14612
		F062	Specific Conductance - Field	643		umhos	10/17/96	14612
		F064	Temperature - Field	15		deg. C	10/17/96	14612

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TABLE-22
Groundwater Analytical Results
Inorganic Parameters
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
GW-07								
			Metals - Dissolved					
	FILTERED	M028	Arsenic, Dissolved	0.010		mg/l	12/18/96	1461378
	FILTERED	M029	Barium, Dissolved	< 0.20		mg/l	12/18/96	1461378
	FILTERED	M031	Beryllium, Dissolved	< 0.005		mg/l	12/18/96	1461378
	FILTERED	M032	Silver, Dissolved	< 0.010		mg/l	12/18/96	1461378
	FILTERED	M033	Calcium, Dissolved	138		mg/l	12/18/96	1461378
	FILTERED	M034	Cadmium, Dissolved	< 0.005		mg/l	12/18/96	1461378
	FILTERED	M036	Chromium, Dissolved	1.46	E	mg/l	12/18/96	1461378
	FILTERED	M037	Copper, Dissolved	0.10		mg/l	12/18/96	1461378
	FILTERED	M040	Iron, Dissolved	30.1	E	mg/l	12/18/96	1461378
	FILTERED	M041	Mercury, Dissolved	< 0.20		ug/l	12/18/96	1461378
	FILTERED	M042	Potassium, Dissolved	14		mg/l	12/18/96	1461378
	FILTERED	M044	Magnesium, Dissolved	84.4		mg/l	12/18/96	1461378
	FILTERED	M045	Manganese, Dissolved	12.8	E	mg/l	12/18/96	1461378
	FILTERED	M047	Sodium, Dissolved	173		mg/l	12/18/96	1461378
	FILTERED	M048	Lead, Dissolved	< 0.003		mg/l	12/18/96	1461378
	FILTERED	M050	Selenium, Dissolved	< 0.005		mg/l	12/18/96	1461378
	FILTERED	M053	Zinc, Dissolved	0.643		mg/l	12/18/96	1461378
	FILTERED	M054	Aluminum, Dissolved	29.8		mg/l	12/18/96	1461378
	FILTERED	M055	Cobalt, Dissolved	0.427		mg/l	12/18/96	1461378
	FILTERED	M059	Nickel, Dissolved	0.323		mg/l	12/18/96	1461378
	FILTERED	M098	Thallium, Dissolved	< 0.010		mg/l	12/18/96	1461378
	FILTERED	M099	Vanadium, Dissolved	< 0.050		mg/l	12/18/96	1461378
	FILTERED	M100	Antimony, Dissolved	< 0.06		mg/l	12/18/96	1461378
			Inorganic Non-metals					
	FILTERED	I005	Chloride	697		mg/l	12/18/96	1461378
	FILTERED	I009	Nitrogen, Ammonia	7.99		mg/l	12/18/96	1461378
	FILTERED	I018	Sulfate as SO4	3590		mg/l	12/18/96	1461378
			Physical Properties					
		F037	pH Field	4.71		Std. Un	12/18/96	1461377
		F062	Specific Conductance - Field	19200		umhos	12/18/96	1461377
		F064	Temperature - Field	8.1		deg. C	12/18/96	1461377
GW-08								
			Metals					
		M008	Chromium	< 0.015		mg/l	05/04/95	1460414
		M008	Chromium	< 0.015		mg/l	07/19/95	1460469
		M056	Trivalent Chromium	< 0.015		mg/l	05/04/95	1460414
		M056	Trivalent Chromium	< 0.015		mg/l	07/19/95	1460469
		M057	Hexavalent Chromium	< 0.015		mg/l	05/04/95	1460414
		M057	Hexavalent Chromium	< 0.015		mg/l	07/19/95	1460469
			Metals - Dissolved					
	FILTERED 1460414	M028	Arsenic, Dissolved	< 0.005		mg/l	05/04/95	1460411
	FILTERED 1460469	M028	Arsenic, Dissolved	< 0.005		mg/l	07/19/95	1460457
	FILTERED 1460414	M029	Barium, Dissolved	0.009		mg/l	05/04/95	1460411
	FILTERED 1460469	M029	Barium, Dissolved	0.007		mg/l	07/19/95	1460457
	FILTERED 1460414	M033	Calcium, Dissolved	43		mg/l	05/04/95	1460411
	FILTERED 1460469	M033	Calcium, Dissolved	64		mg/l	07/19/95	1460457
	FILTERED 1460414	M035	Hexavalent Chromium, Dissolved	< 0.015		mg/l	05/04/95	1460411
	FILTERED 1460469	M035	Hexavalent Chromium, Dissolved	< 0.015		mg/l	07/19/95	1460457
	FILTERED 1460414	M036	Chromium, Dissolved	< 0.015		mg/l	05/04/95	1460411
	FILTERED 1460469	M036	Chromium, Dissolved	< 0.015		mg/l	07/19/95	1460457
	FILTERED 1460414	M040	Iron, Dissolved	0.88		mg/l	05/04/95	1460411
	FILTERED 1460469	M040	Iron, Dissolved	2.80		mg/l	07/19/95	1460457
	FILTERED 1460414	M042	Potassium, Dissolved	4.7		mg/l	05/04/95	1460411
	FILTERED 1460469	M042	Potassium, Dissolved	6.2		mg/l	07/19/95	1460457
	FILTERED 1460414	M044	Magnesium, Dissolved	11		mg/l	05/04/95	1460411
	FILTERED 1460469	M044	Magnesium, Dissolved	15		mg/l	07/19/95	1460457
	FILTERED 1460414	M045	Manganese, Dissolved	4.6		mg/l	05/04/95	1460411
	FILTERED 1460469	M045	Manganese, Dissolved	5.9		mg/l	07/19/95	1460457

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TABLE-22
Groundwater Analytical Results
Inorganic Parameters
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
GW-08								
			Metals - Dissolved					
	FILTERED 1460414	M047	Sodium, Dissolved	120		mg/l	05/04/95	1460411
	FILTERED 1460469	M047	Sodium, Dissolved	210		mg/l	07/19/95	1460457
	FILTERED 1460414	M048	Lead, Dissolved	< 0.005		mg/l	05/04/95	1460411
	FILTERED 1460469	M048	Lead, Dissolved	< 0.010		mg/l	07/19/95	1460457
	FILTERED 1460414	M054	Aluminum, Dissolved	0.39		mg/l	05/04/95	1460411
	FILTERED 1460469	M054	Aluminum, Dissolved	0.51		mg/l	07/19/95	1460457
	FILTERED 1460414	M109	Trivalent Chromium, Dissolved	< 0.015		mg/l	05/04/95	1460411
	FILTERED 1460469	M109	Trivalent Chromium, Dissolved	< 0.015		mg/l	07/19/95	1460457
	FILTERED 1460414	M111	Total Iron, Field	0.73		mg/l	05/04/95	1460411
	FILTERED 1460469	M111	Total Iron, Field	3.28		mg/l	07/19/95	1460457
	FILTERED 1460414	M112	Iron as Fe+2 - Field	0.69		mg/l	05/04/95	1460411
	FILTERED 1460469	M112	Iron as Fe+2 - Field	2.5		mg/l	07/19/95	1460457
	FILTERED 1460414	M113	Iron as Fe+3 - Field	0.04		mg/l	05/04/95	1460411
	FILTERED 1460469	M113	Iron as Fe+3 - Field	0.78		mg/l	07/19/95	1460457
	FILTERED 1460414	M114	Hexavalent Chromium, Field	0.01		mg/l	05/04/95	1460411
			Inorganic Non-metals					
	FILTERED 1460414	I005	Chloride	120		mg/l	05/04/95	1460411
	FILTERED 1460469	I005	Chloride	180		mg/l	07/19/95	1460457
	FILTERED 1460414	I009	Nitrogen, Ammonia	140		mg/l	05/04/95	1460411
	FILTERED 1460469	I009	Nitrogen, Ammonia	180		mg/l	07/19/95	1460457
	FILTERED 1460414	I012	Nitrate as N	4.8		mg/l	05/04/95	1460411
	FILTERED 1460469	I012	Nitrate as N	0.42		mg/l	07/19/95	1460457
	FILTERED 1460414	I014	Nitrite as N	< 0.050		mg/l	05/04/95	1460411
	FILTERED 1460469	I014	Nitrite as N	< 0.050		mg/l	07/19/95	1460457
	FILTERED 1460414	I017	Ortho Phosphate as Phosphorus	0.03		mg/l	05/04/95	1460411
	FILTERED 1460469	I017	Ortho Phosphate as Phosphorus	0.02		mg/l	07/19/95	[illegible]
	FILTERED 1460414	I018	Sulfate as SO4	710		mg/l	05/04/95	[illegible]
	FILTERED 1460469	I018	Sulfate as SO4	900		mg/l	07/19/95	[illegible]
	FILTERED 1460414	I026	Bicarbonate Alkalinity as CaCO3	26		mg/l	05/04/95	1460411
	FILTERED 1460469	I026	Bicarbonate Alkalinity as CaCO3	46		mg/l	07/19/95	1460457
	FILTERED 1460414	I027	Carbonate Alkalinity as CaCO3	< 20		mg/l	05/04/95	1460411
	FILTERED 1460469	I027	Carbonate Alkalinity as CaCO3	< 20		mg/l	07/19/95	1460457
	FILTERED 1460414	I030	Bromide	1		mg/l	05/04/95	1460411
	FILTERED 1460469	I030	Bromide	1		mg/l	07/19/95	1460457
	FILTERED 1460414	I040	Silica as SiO2	5.9		mg/l	05/04/95	1460411
	FILTERED 1460469	I040	Silica as SiO2	6.7		mg/l	07/19/95	1460457
	FILTERED 1460414	I044	Phosphorous	0.27		mg/l	05/04/95	1460411
	FILTERED 1460469	I044	Phosphorous	< 0.10		mg/l	07/19/95	1460457
	FILTERED 1460414	I058	Sulfide	< 1		mg/l	05/04/95	1460411
	FILTERED 1460469	I058	Sulfide	< 1		mg/l	07/19/95	1460457
		I059	Dissolved Oxygen, Field	0.7		mg/l	05/04/95	1460414
		I059	Dissolved Oxygen, Field	< 0.0		mg/l	07/19/95	1460469
		I060	Eh Field	+373		mv	05/04/95	1460414
		I060	Eh Field	+305		mv	07/19/95	1460469
	FILTERED 1460414	I067	Alkalinity - Field	33		mg/l	05/04/95	1460411
	FILTERED 1460469	I067	Alkalinity - Field	52		mg/l	07/19/95	1460457
	FILTERED 1460414	I068	Carbonate, Total as C	27		mg/l	05/04/95	1460411
			Physical Properties					
	FILTERED 1460414	F007	Total Dissolved Solids (TDS)	800		mg/l	05/04/95	1460411
	FILTERED 1460469	F007	Total Dissolved Solids (TDS)	1300		mg/l	07/19/95	1460457
		F037	pH Field	5.47		Std. Un	05/04/95	1460414
		F037	pH Field	5.78		Std. Un	07/19/95	1460469
		F062	Specific Conductance - Field	2240		umhos	05/04/95	1460414
		F062	Specific Conductance - Field	2860		umhos	07/19/95	1460469
		F064	Temperature - Field	7.9		deg. C	05/04/95	1460414
		F064	Temperature - Field	11.8		deg. C	07/19/95	1460469

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Groundwater Analytical Results
Inorganic Parameters
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
GW-10-S								
			Metals - Dissolved					
	FILTERED 1461261	M028	Arsenic, Dissolved	< 0.010		mg/l	10/17/96	1461302
	FILTERED 1461261	M029	Barium, Dissolved	< 0.20		mg/l	10/17/96	1461302
	FILTERED 1461261	M031	Beryllium, Dissolved	< 0.005		mg/l	10/17/96	1461302
	FILTERED 1461261	M032	Silver, Dissolved	< 0.01		mg/l	10/17/96	1461302
	FILTERED 1461261	M033	Calcium, Dissolved	< 5.0		mg/l	10/17/96	1461302
	FILTERED 1461261	M034	Cadmium, Dissolved	< 0.005		mg/l	10/17/96	1461302
		M036	Chromium, Dissolved	< 0.015		mg/l	07/21/94	1000449
		M036	Chromium, Dissolved	< 0.015		mg/l	04/19/94	1000506
		M036	Chromium, Dissolved	< 0.015		mg/l	08/30/94	1000563
		M036	Chromium, Dissolved	< 0.015		mg/l	09/29/94	1000577
		M036	Chromium, Dissolved	< 0.015		mg/l	10/28/94	1000589
	FILTERED 1460320	M036	Chromium, Dissolved	< 0.015		mg/l	02/03/95	1460238
	FILTERED 1460343	M036	Chromium, Dissolved	< 0.015		mg/l	05/02/95	1460358
		M036	Chromium, Dissolved	< 0.015		mg/l	07/18/95	1460434
	FILTERED 1460567	M036	Chromium, Dissolved	< 0.015		mg/l	10/13/95	1460581
		M036	Chromium, Dissolved	< 0.015		mg/l	02/01/96	1460685
	FILTERED 1460749	M036	Chromium, Dissolved	< 0.015		mg/l	05/01/96	1460838
	FILTERED	M036	Chromium, Dissolved	< 0.015		mg/l	07/29/96	1460984
	FILTERED	M036	Chromium, Dissolved	< 0.010		mg/l	10/23/96	1461224
	FILTERED 1461261	M036	Chromium, Dissolved	< 0.01		mg/l	10/17/96	1461302
	FILTERED	M036	Chromium, Dissolved	< 0.010		mg/l	01/24/97	1461568
	FILTERED	M036	Chromium, Dissolved	< 0.010		mg/l	04/22/97	1461630
	FILTERED 1461261	M037	Copper, Dissolved	< 0.025		mg/l	10/17/96	1461302
	FILTERED 1461261	M040	Iron, Dissolved	0.148		mg/l	10/17/96	1461302
	FILTERED 1461261	M041	Mercury, Dissolved	< 0.2		ug/l	10/17/96	1461302
	FILTERED 1461261	M042	Potassium, Dissolved	< 5.0		mg/l	10/17/96	1461302
	FILTERED 1461261	M044	Magnesium, Dissolved	< 5.00		mg/l	10/17/96	1461302
	FILTERED 1461261	M045	Manganese, Dissolved	< 0.025		mg/l	10/17/96	1461302
	FILTERED 1461261	M047	Sodium, Dissolved	< 5.0		mg/l	10/17/96	1461302
	FILTERED 1461261	M048	Lead, Dissolved	< 0.003		mg/l	10/17/96	1461302
	FILTERED 1461261	M050	Selenium, Dissolved	< 0.005		mg/l	10/17/96	1461302
	FILTERED 1461261	M053	Zinc, Dissolved	0.036		mg/l	10/17/96	1461302
		M054	Aluminum, Dissolved	2.6		mg/l	07/21/94	1000449
		M054	Aluminum, Dissolved	2.5		mg/l	04/19/94	1000506
		M054	Aluminum, Dissolved	1.5		mg/l	08/30/94	1000563
		M054	Aluminum, Dissolved	1.1		mg/l	09/29/94	1000577
		M054	Aluminum, Dissolved	2.6		mg/l	10/28/94	1000589
	FILTERED 1460320	M054	Aluminum, Dissolved	2.7		mg/l	02/03/95	1460238
	FILTERED 1460343	M054	Aluminum, Dissolved	2.8		mg/l	05/02/95	1460358
		M054	Aluminum, Dissolved	2.9		mg/l	07/18/95	1460434
	FILTERED 1460567	M054	Aluminum, Dissolved	1.8		mg/l	10/13/95	1460581
		M054	Aluminum, Dissolved	2.5		mg/l	02/01/96	1460685
	FILTERED 1460749	M054	Aluminum, Dissolved	2.5		mg/l	05/01/96	1460838
	FILTERED	M054	Aluminum, Dissolved	1.81		mg/l	07/29/96	1460984
	FILTERED	M054	Aluminum, Dissolved	2.07		mg/l	10/23/96	1461224
	FILTERED 1461261	M054	Aluminum, Dissolved	2.29		mg/l	10/17/96	1461302
	FILTERED	M054	Aluminum, Dissolved	2.31		mg/l	01/24/97	1461568
	FILTERED	M054	Aluminum, Dissolved	2.07		mg/l	04/22/97	1461630
	FILTERED 1461261	M055	Cobalt, Dissolved	< 0.05		mg/l	10/17/96	1461302
	FILTERED 1461261	M059	Nickel, Dissolved	< 0.04		mg/l	10/17/96	1461302
	FILTERED 1461261	M098	Thallium, Dissolved	< 0.01		mg/l	10/17/96	1461302
	FILTERED 1461261	M099	Vanadium, Dissolved	< 0.05		mg/l	10/17/96	1461302
	FILTERED 1461261	M100	Antimony, Dissolved	< 0.06		mg/l	10/17/96	1461302
			Inorganic Non-metals					
		I005	Chloride	9.2		mg/l	07/21/94	1000449
		I005	Chloride	3.3		mg/l	04/19/94	1000506
		I005	Chloride	14		mg/l	08/30/94	1000563
		I005	Chloride	23		mg/l	09/29/94	1000577
		I005	Chloride	4.1		mg/l	10/28/94	1000589

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TABLE-22
Groundwater Analytical Results
Inorganic Parameters
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
GW-10-S								
			Inorganic Non-metals					
		I005	Chloride	3.1		mg/l	02/03/95	1460320
		I005	Chloride	2.3		mg/l	05/02/95	1460343
		I005	Chloride	9.3		mg/l	07/18/95	1460434
		I005	Chloride	8.1		mg/l	10/13/95	1460567
		I005	Chloride	9.0		mg/l	02/01/96	1460685
		I005	Chloride	4.1		mg/l	05/01/96	1460749
	FILTERED	I005	Chloride	11		mg/l	07/29/96	1460984
	FILTERED	I005	Chloride	5.9		mg/l	10/23/96	1461224
	FILTERED 1461261	I005	Chloride	6.5		mg/l	10/17/96	1461302
	FILTERED	I005	Chloride	3.7		mg/l	01/24/97	1461568
	FILTERED	I005	Chloride	3.2		mg/l	04/22/97	1461630
		I009	Nitrogen, Ammonia	2.7		mg/l	07/21/94	1000449
		I009	Nitrogen, Ammonia	< 0.1		mg/l	04/19/94	1000506
		I009	Nitrogen, Ammonia	7		mg/l	08/30/94	1000563
		I009	Nitrogen, Ammonia	6.7		mg/l	09/29/94	1000577
		I009	Nitrogen, Ammonia	1.4		mg/l	10/28/94	1000589
		I009	Nitrogen, Ammonia	< 0.1		mg/l	02/03/95	1460320
		I009	Nitrogen, Ammonia	0.12		mg/l	05/02/95	1460343
		I009	Nitrogen, Ammonia	2.1		mg/l	07/18/95	1460434
		I009	Nitrogen, Ammonia	2.9		mg/l	10/13/95	1460567
		I009	Nitrogen, Ammonia	< 0.10		mg/l	02/01/96	1460685
		I009	Nitrogen, Ammonia	< 0.10		mg/l	05/01/96	1460749
	FILTERED	I009	Nitrogen, Ammonia	2.5		mg/l	07/29/96	1460984
	FILTERED	I009	Nitrogen, Ammonia	< 0.040		mg/l	10/23/96	1461224
	FILTERED 1461261	I009	Nitrogen, Ammonia	0.58		mg/l	10/17/96	1461302
	FILTERED	I009	Nitrogen, Ammonia	< 0.040		mg/l	01/24/97	1[illegible]48
	FILTERED	I009	Nitrogen, Ammonia	< 0.040		mg/l	04/22/97	1[illegible]0
		I018	Sulfate as SO4	17		mg/l	07/21/94	1[illegible]49
		I018	Sulfate as SO4	13		mg/l	04/19/94	1000506
		I018	Sulfate as SO4	35		mg/l	08/30/94	1000563
		I018	Sulfate as SO4	40		mg/l	09/29/94	1000577
		I018	Sulfate as SO4	14		mg/l	10/28/94	1000589
		I018	Sulfate as SO4	13		mg/l	02/03/95	1460320
		I018	Sulfate as SO4	1000		mg/l	05/02/95	1460343
		I018	Sulfate as SO4	370		mg/l	07/18/95	1460434
		I018	Sulfate as SO4	19		mg/l	10/13/95	1460567
		I018	Sulfate as SO4	17		mg/l	02/01/96	1460685
		I018	Sulfate as SO4	15		mg/l	05/01/96	1460749
	FILTERED	I018	Sulfate as SO4	28		mg/l	07/29/96	1460984
	FILTERED	I018	Sulfate as SO4	13.2		mg/l	10/23/96	1461224
	FILTERED 1461261	I018	Sulfate as SO4	17.3		mg/l	10/17/96	1461302
	FILTERED	I018	Sulfate as SO4	15.6		mg/l	01/24/97	1461568
	FILTERED	I018	Sulfate as SO4	11.7		mg/l	04/22/97	1461630
	FILTERED 1461261	I070	Bicarbonate as HCO3	2.2		mg/l	10/17/96	1461302
			Physical Properties					
		F009	pH Laboratory	4.70		Std. Un	07/21/94	1000449
		F009	pH Laboratory	4.60		Std. Un	04/19/94	1000506
		F009	pH Laboratory	4.80		Std. Un	08/30/94	1000563
		F009	pH Laboratory	4.70		Std. Un	09/29/94	1000577
		F009	pH Laboratory	4.40		Std. Un	10/28/94	1000589
		F009	pH Laboratory	4.60		Std. Un	02/03/95	1460320
		F009	pH Laboratory	4.60		Std. Un	05/02/95	1460343
		F009	pH Laboratory	4.60		Std. Un	07/18/95	1460434
		F009	pH Laboratory	4.70		Std. Un	10/13/95	1460567
		F009	pH Laboratory	4.60		Std. Un	02/01/96	1460685
		F009	pH Laboratory	4.50		Std. Un	05/01/96	1460749
	FILTERED	F009	pH Laboratory	4.70		Std. Un	07/29/96	1460984
	FILTERED	F009	pH Laboratory	6.89		Std. Un	10/23/96	1461224
	FILTERED	F009	pH Laboratory	4.67		Std. Un	01/24/97	1461568

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TABLE-22
Groundwater Analytical Results
Inorganic Parameters
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
GW-10-S								
			Physical Properties					
	FILTERED	F009	pH Laboratory	4.87		Std. Un	04/22/97	1461630
		F037	pH Field	5.13		Std. Un	07/21/94	1000449
		F037	pH Field	4.70		Std. Un	04/19/94	1000506
		F037	pH Field	4.87		Std. Un	08/30/94	1000563
		F037	pH Field	5.27		Std. Un	09/29/94	1000577
		F037	pH Field	4.50		Std. Un	10/28/94	1000589
		F037	pH Field	3.93		Std. Un	02/03/95	1460320
		F037	pH Field	4.19		Std. Un	05/02/95	1460343
		F037	pH Field	3.68		Std. Un	07/18/95	1460434
		F037	pH Field	4.32		Std. Un	10/13/95	1460567
		F037	pH Field	4.55		Std. Un	02/01/96	1460685
		F037	pH Field	4.11		Std. Un	05/01/96	1460749
	FILTERED	F037	pH Field	4.66		Std. Un	10/23/96	1461224
		F037	pH Field	5.00		Std. Un	10/17/96	1461261
	FILTERED	F037	pH Field	4.32		Std. Un	01/24/97	1461568
	FILTERED	F037	pH Field	3.97		Std. Un	04/22/97	1461630
		F062	Specific Conductance - Field	119		umhos	07/21/94	1000449
		F062	Specific Conductance - Field	65		umhos	04/19/94	1000506
		F062	Specific Conductance - Field	138		umhos	08/30/94	1000563
		F062	Specific Conductance - Field	202		umhos	09/29/94	1000577
		F062	Specific Conductance - Field	152		umhos	10/28/94	1000589
		F062	Specific Conductance - Field	62		umhos	02/03/95	1460320
		F062	Specific Conductance - Field	51		umhos	05/02/95	1460343
		F062	Specific Conductance - Field	116		umhos	07/18/95	1460434
		F062	Specific Conductance - Field	122		umhos	10/13/95	1460567
		F062	Specific Conductance - Field	69		umhos	02/01/96	1460685
		F062	Specific Conductance - Field	76		umhos	05/01/96	1460749
	FILTERED	F062	Specific Conductance - Field	132		umhos	07/29/96	1460984
	FILTERED	F062	Specific Conductance - Field	86		umhos	10/23/96	1461224
		F062	Specific Conductance - Field	80		umhos	10/17/96	1461261
	FILTERED	F062	Specific Conductance - Field	73		umhos	01/24/97	1461568
	FILTERED	F062	Specific Conductance - Field	63		umhos	04/22/97	1461630
		F064	Temperature - Field	12.1		deg. C	07/21/94	1000449
		F064	Temperature - Field	11.1		deg. C	04/19/94	1000506
		F064	Temperature - Field	12.4		deg. C	08/30/94	1000563
		F064	Temperature - Field	12.6		deg. C	09/29/94	1000577
		F064	Temperature - Field	12		deg. C	10/28/94	1000589
		F064	Temperature - Field	6.4		deg. C	02/03/95	1460320
		F064	Temperature - Field	8.3		deg. C	05/02/95	1460343
		F064	Temperature - Field	11.8		deg. C	07/18/95	1460434
		F064	Temperature - Field	12.4		deg. C	10/13/95	1460567
		F064	Temperature - Field	4.7		deg. C	02/01/96	1460685
		F064	Temperature - Field	7.3		deg. C	05/01/96	1460749
	FILTERED	F064	Temperature - Field	11.6		deg. C	07/29/96	1460984
	FILTERED	F064	Temperature - Field	12.1		deg. C	10/23/96	1461224
		F064	Temperature - Field	12		deg. C	10/17/96	1461261
	FILTERED	F064	Temperature - Field	7.3		deg. C	01/24/97	1461568
	FILTERED	F064	Temperature - Field	7.6		deg. C	04/22/97	1461630
GW-11								
			Metals - Dissolved					
		M036	Chromium, Dissolved	< 0.015		mg/l	07/21/94	1000448
		M036	Chromium, Dissolved	< 0.015		mg/l	04/19/94	1000507
	DUP OF 1000448	M036	Chromium, Dissolved	< 0.015		mg/l	07/21/94	1000517
		M036	Chromium, Dissolved	< 0.015		mg/l	08/30/94	1000562
		M036	Chromium, Dissolved	< 0.015		mg/l	09/29/94	1000576
		M036	Chromium, Dissolved	< 0.015		mg/l	10/28/94	1000588
	FILTERED 1460322	M036	Chromium, Dissolved	< 0.015		mg/l	02/03/95	1460240
	FILTERED 1460348	M036	Chromium, Dissolved	< 0.015		mg/l	05/02/95	1460363

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TABLE-22
Groundwater Analytical Results
Inorganic Parameters
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
GW-11								
			Metals - Dissolved					
		M036	Chromium, Dissolved	< 0.015		mg/l	07/18/95	1460441
	DUP OF 1460441	M036	Chromium, Dissolved	< 0.015		mg/l	07/18/95	1460444
	FILTERED 1460568	M036	Chromium, Dissolved	< 0.015		mg/l	10/13/95	1460582
		M036	Chromium, Dissolved	< 0.015		mg/l	02/01/96	1460678
	FILTERED 1460746	M036	Chromium, Dissolved	< 0.015		mg/l	05/01/96	1460835
	FILTERED	M036	Chromium, Dissolved	< 0.015		mg/l	07/29/96	1460977
	FILTERED	M036	Chromium, Dissolved	< 0.010		mg/l	10/23/96	1461225
	FILTERED	M036	Chromium, Dissolved	< 0.010		mg/l	01/24/97	1461569
	FILTERED	M036	Chromium, Dissolved	0.010		mg/l	04/22/97	1461631
		M054	Aluminum, Dissolved	< 0.10		mg/l	07/21/94	1000448
		M054	Aluminum, Dissolved	< 0.10		mg/l	04/19/94	1000507
	DUP OF 1000448	M054	Aluminum, Dissolved	< 0.10		mg/l	07/21/94	1000517
		M054	Aluminum, Dissolved	< 0.10		mg/l	08/30/94	1000562
		M054	Aluminum, Dissolved	< 0.10		mg/l	09/29/94	1000576
		M054	Aluminum, Dissolved	< 0.10		mg/l	10/28/94	1000588
	FILTERED 1460322	M054	Aluminum, Dissolved	< 0.10		mg/l	02/03/95	1460240
	FILTERED 1460348	M054	Aluminum, Dissolved	< 0.10		mg/l	05/02/95	1460363
		M054	Aluminum, Dissolved	< 0.10		mg/l	07/18/95	1460441
	DUP OF 1460441	M054	Aluminum, Dissolved	< 0.10		mg/l	07/18/95	1460444
	FILTERED 1460568	M054	Aluminum, Dissolved	< 0.10		mg/l	10/13/95	1460582
		M054	Aluminum, Dissolved	0.11		mg/l	02/01/96	1460678
	FILTERED 1460746	M054	Aluminum, Dissolved	< 0.10		mg/l	05/01/96	1460835
	FILTERED	M054	Aluminum, Dissolved	< 0.10		mg/l	07/29/96	1460977
	FILTERED	M054	Aluminum, Dissolved	< 0.20		mg/l	10/23/96	1461225
	FILTERED	M054	Aluminum, Dissolved	< 0.2		mg/l	01/24/97	1461569
	FILTERED	M054	Aluminum, Dissolved	< 0.20		mg/l	04/22/97	14[illegible]31
			Inorganic Non-metals					
		I005	Chloride	170		mg/l	07/21/94	1[illegible]8
		I005	Chloride	22		mg/l	04/19/94	1000507
	DUP OF 1000448	I005	Chloride	168		mg/l	07/21/94	1000517
		I005	Chloride	100		mg/l	08/30/94	1000562
		I005	Chloride	65		mg/l	09/29/94	1000576
		I005	Chloride	160		mg/l	10/28/94	1000588
		I005	Chloride	46		mg/l	02/03/95	1460322
		I005	Chloride	21		mg/l	05/02/95	1460348
		I005	Chloride	120		mg/l	07/18/95	1460441
	DUP OF 1460441	I005	Chloride	120		mg/l	07/18/95	1460444
		I005	Chloride	55		mg/l	10/13/95	1460568
		I005	Chloride	22		mg/l	02/01/96	1460678
		I005	Chloride	32		mg/l	05/01/96	1460746
	FILTERED	I005	Chloride	70		mg/l	07/29/96	1460977
	FILTERED	I005	Chloride	70.0		mg/l	10/23/96	1461225
	FILTERED	I005	Chloride	38.3		mg/l	01/24/97	1461569
	FILTERED	I005	Chloride	17.4		mg/l	04/22/97	1461631
		I009	Nitrogen, Ammonia	170		mg/l	07/21/94	1000448
		I009	Nitrogen, Ammonia	25		mg/l	04/19/94	1000507
	DUP OF 1000448	I009	Nitrogen, Ammonia	163		mg/l	07/21/94	1000517
		I009	Nitrogen, Ammonia	130		mg/l	08/30/94	1000562
		I009	Nitrogen, Ammonia	60		mg/l	09/29/94	1000576
		I009	Nitrogen, Ammonia	62		mg/l	10/28/94	1000588
		I009	Nitrogen, Ammonia	45		mg/l	02/03/95	1460322
		I009	Nitrogen, Ammonia	24		mg/l	05/02/95	1460348
		I009	Nitrogen, Ammonia	73		mg/l	07/18/95	1460441
	DUP OF 1460441	I009	Nitrogen, Ammonia	72		mg/l	07/18/95	1460444
		I009	Nitrogen, Ammonia	49		mg/l	10/13/95	1460568
		I009	Nitrogen, Ammonia	13		mg/l	02/01/96	1460678
		I009	Nitrogen, Ammonia	17		mg/l	05/01/96	1460746
	FILTERED	I009	Nitrogen, Ammonia	35		mg/l	07/29/96	1460977
	FILTERED	I009	Nitrogen, Ammonia	39.3		mg/l	10/23/96	1461225

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Groundwater Analytical Results
Inorganic Parameters
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID		Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
GW-11									
				Inorganic Non-metals					
	FILTERED		I009	Nitrogen, Ammonia	33.3		mg/l	01/24/97	1461569
	FILTERED		I009	Nitrogen, Ammonia	8.55		mg/l	04/22/97	1461631
			I018	Sulfate as SO4	290		mg/l	07/21/94	1000448
			I018	Sulfate as SO4	370		mg/l	04/19/94	1000507
	DUP OF	1000448	I018	Sulfate as SO4	289		mg/l	07/21/94	1000517
			I018	Sulfate as SO4	330		mg/l	08/30/94	1000562
			I018	Sulfate as SO4	330		mg/l	09/29/94	1000576
			I018	Sulfate as SO4	260		mg/l	10/28/94	1000588
			I018	Sulfate as SO4	290		mg/l	02/03/95	1460322
			I018	Sulfate as SO4	230		mg/l	05/02/95	1460348
			I018	Sulfate as SO4	190		mg/l	07/18/95	1460441
	DUP OF	1460441	I018	Sulfate as SO4	180		mg/l	07/18/95	1460444
			I018	Sulfate as SO4	460		mg/l	10/13/95	1460568
			I018	Sulfate as SO4	420		mg/l	02/01/96	1460678
			I018	Sulfate as SO4	270		mg/l	05/01/96	1460746
	FILTERED		I018	Sulfate as SO4	170		mg/l	07/29/96	1460977
	FILTERED		I018	Sulfate as SO4	116		mg/l	10/23/96	1461225
	FILTERED		I018	Sulfate as SO4	300		mg/l	01/24/97	1461569
	FILTERED		I018	Sulfate as SO4	283		mg/l	04/22/97	1461631
				Physical Properties					
			F009	pH Laboratory	7.70		Std. Un	07/21/94	1000448
			F009	pH Laboratory	6.50		Std. Un	04/19/94	1000507
	DUP OF	1000448	F009	pH Laboratory	7.69		Std. Un	07/21/94	1000517
			F009	pH Laboratory	7.30		Std. Un	08/30/94	1000562
			F009	pH Laboratory	7.00		Std. Un	09/29/94	1000576
			F009	pH Laboratory	7.00		Std. Un	10/28/94	1000588
			F009	pH Laboratory	6.60		Std. Un	02/03/95	1460322
			F009	pH Laboratory	6.30		Std. Un	05/02/95	1460348
			F009	pH Laboratory	7.20		Std. Un	07/18/95	1460441
	DUP OF	1460441	F009	pH Laboratory	7.20		Std. Un	07/18/95	1460444
			F009	pH Laboratory	6.60		Std. Un	10/13/95	1460568
			F009	pH Laboratory	6.20		Std. Un	02/01/96	1460678
			F009	pH Laboratory	6.50		Std. Un	05/01/96	1460746
	FILTERED		F009	pH Laboratory	6.90		Std. Un	07/29/96	1460977
	FILTERED		F009	pH Laboratory	6.58		Std. Un	10/23/96	1461225
	FILTERED		F009	pH Laboratory	6.79		Std. Un	01/24/97	1461569
	FILTERED		F009	pH Laboratory	6.46		Std. Un	04/22/97	1461631
			F037	pH Field	8.18		Std. Un	07/21/94	1000448
			F037	pH Field	6.50		Std. Un	04/19/94	1000507
			F037	pH Field	7.25		Std. Un	08/30/94	1000562
			F037	pH Field	7.26		Std. Un	09/29/94	1000576
			F037	pH Field	6.58		Std. Un	10/28/94	1000588
			F037	pH Field	6.42		Std. Un	02/03/95	1460322
			F037	pH Field	6.16		Std. Un	05/02/95	1460348
			F037	pH Field	7.28		Std. Un	07/18/95	1460441
			F037	pH Field	6.45		Std. Un	10/13/95	1460568
			F037	pH Field	6.99		Std. Un	02/01/96	1460678
			F037	pH Field	6.99		Std. Un	02/01/96	1460678
			F037	pH Field	6.12		Std. Un	05/01/96	1460746
	FILTERED		F037	pH Field	7.06		Std. Un	10/23/96	1461225
	FILTERED		F037	pH Field	6.54		Std. Un	01/24/97	1461569
	FILTERED		F037	pH Field	6.24		Std. Un	04/22/97	1461631
			F062	Specific Conductance - Field	1570		umhos	07/21/94	1000448
			F062	Specific Conductance - Field	842		umhos	04/19/94	1000507
			F062	Specific Conductance - Field	1180		umhos	08/30/94	1000562
			F062	Specific Conductance - Field	1020		umhos	09/29/94	1000576
			F062	Specific Conductance - Field	964		umhos	10/28/94	1000588
			F062	Specific Conductance - Field	1180		umhos	02/03/95	1460322
			F062	Specific Conductance - Field	810		umhos	05/02/95	1460348

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Groundwater Analytical Results
Inorganic Parameters
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
GW-11								
			Physical Properties					
		F062	Specific Conductance - Field	1310		umhos	07/18/95	1460441
		F062	Specific Conductance - Field	1360		umhos	10/13/95	1460568
		F062	Specific Conductance - Field	1470		umhos	02/01/96	1460678
		F062	Specific Conductance - Field	823		umhos	05/01/96	1460746
	FILTERED	F062	Specific Conductance - Field	874		umhos	07/29/96	1460977
	FILTERED	F062	Specific Conductance - Field	943		umhos	10/23/96	1461225
	FILTERED	F062	Specific Conductance - Field	903		umhos	01/24/97	1461569
	FILTERED	F062	Specific Conductance - Field	779		umhos	04/22/97	1461631
		F064	Temperature - Field	10.9		deg. C	07/21/94	1000448
		F064	Temperature - Field	6.9		deg. C	04/19/94	1000507
		F064	Temperature - Field	12.1		deg. C	08/30/94	1000562
		F064	Temperature - Field	12.3		deg. C	09/29/94	1000576
		F064	Temperature - Field	11.3		deg. C	10/28/94	1000588
		F064	Temperature - Field	7.2		deg. C	02/03/95	1460322
		F064	Temperature - Field	6.9		deg. C	05/02/95	1460348
		F064	Temperature - Field	12.3		deg. C	07/18/95	1460441
		F064	Temperature - Field	12.2		deg. C	10/13/95	1460568
		F064	Temperature - Field	7.0		deg. C	05/01/96	1460746
	FILTERED	F064	Temperature - Field	10.4		deg. C	07/29/96	1460977
	FILTERED	F064	Temperature - Field	11.5		deg. C	10/23/96	1461225
	FILTERED	F064	Temperature - Field	8.0		deg. C	01/24/97	1461569
	FILTERED	F064	Temperature - Field	7.6		deg. C	04/22/97	1461631
GW-17-D								
			Physical Properties					
		F037	pH Field	5.12		Std. Un	05/01/96	14[illegible]14
	Pre-Purge Sample	F062	Specific Conductance - Field	2480		umhos	05/01/96	1[illegible]4
		F062	Specific Conductance - Field	2580		umhos	05/01/96	14[illegible].4
	Pre-Purge Sample	F064	Temperature - Field	8.6		deg. C	05/01/96	1460734
		F064	Temperature - Field	7.6		deg. C	05/01/96	1461014
	Pre-Purge Sample	F066	Specific Gravity, Field	0.990		g/ml	05/01/96	1460734
GW-17-S								
			Physical Properties					
		F037	pH Field	6.32		Std. Un	05/01/96	1461013
		F062	Specific Conductance - Field	1850		umhos	05/01/96	1461013
		F064	Temperature - Field	9.4		deg. C	05/01/96	1461013
GW-19-S								
			Metals - Dissolved					
		M036	Chromium, Dissolved	0.019		mg/l	07/21/94	1000450
		M036	Chromium, Dissolved	< 0.015		mg/l	04/19/94	1000508
		M036	Chromium, Dissolved	0.021		mg/l	08/30/94	1000564
		M036	Chromium, Dissolved	< 0.015		mg/l	09/29/94	1000578
		M036	Chromium, Dissolved	0.019		mg/l	10/28/94	1000590
	FILTERED 1460315	M036	Chromium, Dissolved	< 0.015		mg/l	02/03/95	1460233
	FILTERED 1460350	M036	Chromium, Dissolved	< 0.075		mg/l	05/02/95	1460365
		M036	Chromium, Dissolved	< 0.015		mg/l	02/01/96	1460679
	FILTERED 1460754	M036	Chromium, Dissolved	< 0.015		mg/l	05/01/96	1460843
	FILTERED	M036	Chromium, Dissolved	< 0.015		mg/l	07/29/96	1460986
	FILTERED	M036	Chromium, Dissolved	< 0.010		mg/l	10/23/96	1461226
	FILTERED	M036	Chromium, Dissolved	< 0.010		mg/l	01/24/97	1461570
	FILTERED	M036	Chromium, Dissolved	< 0.010		mg/l	04/22/97	1461632
		M054	Aluminum, Dissolved	0.2		mg/l	07/21/94	1000450
		M054	Aluminum, Dissolved	< 0.10		mg/l	04/19/94	1000508
		M054	Aluminum, Dissolved	< 0.10		mg/l	08/30/94	1000564
		M054	Aluminum, Dissolved	< 0.10		mg/l	09/29/94	1000578
		M054	Aluminum, Dissolved	< 0.2		mg/l	10/28/94	1000590
	FILTERED 1460315	M054	Aluminum, Dissolved	< 0.10		mg/l	02/03/95	1460233

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TABLE-22
Groundwater Analytical Results
Inorganic Parameters
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
GW-19-S								
			Metals - Dissolved					
	FILTERED 1460350	M054	Aluminum, Dissolved	< 0.5		mg/l	05/02/95	1460365
		M054	Aluminum, Dissolved	< 0.20		mg/l	02/01/96	1460679
	FILTERED 1460754	M054	Aluminum, Dissolved	< 0.10		mg/l	05/01/96	1460843
	FILTERED	M054	Aluminum, Dissolved	< 0.10		mg/l	07/29/96	1460986
	FILTERED	M054	Aluminum, Dissolved	< 0.20		mg/l	10/23/96	1461226
	FILTERED	M054	Aluminum, Dissolved	< 0.2		mg/l	01/24/97	1461570
	FILTERED	M054	Aluminum, Dissolved	< 0.20		mg/l	04/22/97	1461632
			Inorganic Non-metals					
		I005	Chloride	4.5		mg/l	07/21/94	1000450
		I005	Chloride	3.9		mg/l	04/19/94	1000508
		I005	Chloride	4.7		mg/l	08/30/94	1000564
		I005	Chloride	4.6		mg/l	09/29/94	1000578
		I005	Chloride	4.2		mg/l	10/28/94	1000590
		I005	Chloride	3.3		mg/l	02/03/95	1460315
		I005	Chloride	3.4		mg/l	05/02/95	1460350
		I005	Chloride	9.2		mg/l	02/01/96	1460679
		I005	Chloride	4.3		mg/l	05/01/96	1460754
	FILTERED	I005	Chloride	4.5		mg/l	07/29/96	1460986
	FILTERED	I005	Chloride	4.6		mg/l	10/23/96	1461226
	FILTERED	I005	Chloride	3.2		mg/l	01/24/97	1461570
	FILTERED	I005	Chloride	< 3.00		mg/l	04/22/97	1461632
		I009	Nitrogen, Ammonia	5		mg/l	07/21/94	1000450
		I009	Nitrogen, Ammonia	0.89		mg/l	04/19/94	1000508
		I009	Nitrogen, Ammonia	3.4		mg/l	08/30/94	1000564
		I009	Nitrogen, Ammonia	1.2		mg/l	09/29/94	1000578
		I009	Nitrogen, Ammonia	4.4		mg/l	10/28/94	1000590
		I009	Nitrogen, Ammonia	0.92		mg/l	02/03/95	1460315
		I009	Nitrogen, Ammonia	2.2		mg/l	05/02/95	1460350
		I009	Nitrogen, Ammonia	2.3		mg/l	02/01/96	1460679
		I009	Nitrogen, Ammonia	0.45		mg/l	05/01/96	1460754
	FILTERED	I009	Nitrogen, Ammonia	0.92		mg/l	07/29/96	1460986
	FILTERED	I009	Nitrogen, Ammonia	3.60		mg/l	10/23/96	1461226
	FILTERED	I009	Nitrogen, Ammonia	2.00		mg/l	01/24/97	1461570
	FILTERED	I009	Nitrogen, Ammonia	1.85		mg/l	04/22/97	1461632
		I018	Sulfate as SO4	840		mg/l	07/21/94	1000450
		I018	Sulfate as SO4	1200		mg/l	04/19/94	1000508
		I018	Sulfate as SO4	1200		mg/l	08/30/94	1000564
		I018	Sulfate as SO4	1000		mg/l	09/29/94	1000578
		I018	Sulfate as SO4	950		mg/l	10/28/94	1000590
		I018	Sulfate as SO4	1100		mg/l	02/03/95	1460315
		I018	Sulfate as SO4	990		mg/l	05/02/95	1460350
		I018	Sulfate as SO4	1300		mg/l	02/01/96	1460679
		I018	Sulfate as SO4	1200		mg/l	05/01/96	1460754
	FILTERED	I018	Sulfate as SO4	1200		mg/l	07/29/96	1460986
	FILTERED	I018	Sulfate as SO4	1340		mg/l	10/23/96	1461226
	FILTERED	I018	Sulfate as SO4	1350		mg/l	01/24/97	1461570
	FILTERED	I018	Sulfate as SO4	1280		mg/l	04/22/97	1461632
			Physical Properties					
		F009	pH Laboratory	6.60		Std. Un	07/21/94	1000450
		F009	pH Laboratory	6.60		Std. Un	04/19/94	1000508
		F009	pH Laboratory	6.40		Std. Un	08/30/94	1000564
		F009	pH Laboratory	6.50		Std. Un	09/29/94	1000578
		F009	pH Laboratory	6.70		Std. Un	10/28/94	1000590
		F009	pH Laboratory	6.60		Std. Un	02/03/95	1460315
		F009	pH Laboratory	6.50		Std. Un	05/02/95	1460350
		F009	pH Laboratory	6.70		Std. Un	02/01/96	1460679
		F009	pH Laboratory	6.40		Std. Un	05/01/96	1460754
	FILTERED	F009	pH Laboratory	6.40		Std. Un	07/29/96	1460986
	FILTERED	F009	pH Laboratory	7.52		Std. Un	10/23/96	1461226

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Groundwater Analytical Results
Inorganic Parameters
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
GW-19-S								
			Physical Properties					
	FILTERED	F009	pH Laboratory	6.62		Std. Un	01/24/97	1461570
	FILTERED	F009	pH Laboratory	6.64		Std. Un	04/22/97	1461632
		F037	pH Field	6.80		Std. Un	07/21/94	1000450
		F037	pH Field	6.70		Std. Un	04/19/94	1000508
		F037	pH Field	6.28		Std. Un	08/30/94	1000564
		F037	pH Field	6.42		Std. Un	09/29/94	1000578
		F037	pH Field	6.17		Std. Un	10/28/94	1000590
		F037	pH Field	6.40		Std. Un	02/03/95	1460315
		F037	pH Field	6.42		Std. Un	05/02/95	1460350
		F037	pH Field	6.94		Std. Un	02/01/96	1460679
		F037	pH Field	6.43		Std. Un	05/01/96	1460754
	FILTERED	F037	pH Field	6.81		Std. Un	10/23/96	1461226
	FILTERED	F037	pH Field	6.45		Std. Un	01/24/97	1461570
	FILTERED	F037	pH Field	6.40		Std. Un	04/22/97	1461632
		F062	Specific Conductance - Field	1960		umhos	07/21/94	1000450
		F062	Specific Conductance - Field	1780		umhos	04/19/94	1000508
		F062	Specific Conductance - Field	1840		umhos	08/30/94	1000564
		F062	Specific Conductance - Field	1450		umhos	09/29/94	1000578
		F062	Specific Conductance - Field	1520		umhos	10/28/94	1000590
		F062	Specific Conductance - Field	2240		umhos	02/03/95	1460315
		F062	Specific Conductance - Field	1890		umhos	05/02/95	1460350
		F062	Specific Conductance - Field	3550		umhos	02/01/96	1460679
		F062	Specific Conductance - Field	2580		umhos	05/01/96	1460754
	FILTERED	F062	Specific Conductance - Field	2440		umhos	07/29/96	1460986
	FILTERED	F062	Specific Conductance - Field	2360		umhos	10/23/96	1461226
	FILTERED	F062	Specific Conductance - Field	2150		umhos	01/24/97	1[illegible]0
	FILTERED	F062	Specific Conductance - Field	2410		umhos	04/22/97	1[illegible]2
		F064	Temperature - Field	14.1		deg. C	07/21/94	10[illegible]50
		F064	Temperature - Field	7.3		deg. C	04/19/94	1000508
		F064	Temperature - Field	12.9		deg. C	08/30/94	1000564
		F064	Temperature - Field	13.1		deg. C	09/29/94	1000578
		F064	Temperature - Field	10.8		deg. C	10/28/94	1000590
		F064	Temperature - Field	3.1		deg. C	02/03/95	1460315
		F064	Temperature - Field	8.4		deg. C	05/02/95	1460350
		F064	Temperature - Field	3.8		deg. C	02/01/96	1460679
		F064	Temperature - Field	7.9		deg. C	05/01/96	1460754
	FILTERED	F064	Temperature - Field	13		deg. C	07/29/96	1460986
	FILTERED	F064	Temperature - Field	12.8		deg. C	10/23/96	1461226
	FILTERED	F064	Temperature - Field	6.8		deg. C	01/24/97	1461570
	FILTERED	F064	Temperature - Field	9.8		deg. C	04/22/97	1461632
GW-22-D								
			Physical Properties					
		F037	pH Field	3.86		Std. Un	01/31/96	1460690
		F037	pH Field	4.34		Std. Un	05/02/96	1461022
	Pre-Purge Sample	F062	Specific Conductance - Field	68600		umhos	05/02/96	1460741
		F062	Specific Conductance - Field	66900		umhos	05/02/96	1461022
	Pre-Purge Sample	F064	Temperature - Field	10.8		deg. C	05/02/96	1460741
		F064	Temperature - Field	10.5		deg. C	05/02/96	1461022
	Pre-Purge Sample	F066	Specific Gravity, Field	1.050		g/ml	05/02/96	1460741
GW-22-S								
			Physical Properties					
		F037	pH Field	6.71		Std. Un	05/02/96	1461020
		F062	Specific Conductance - Field	9590		umhos	05/02/96	1461020
		F064	Temperature - Field	7.9		deg. C	05/02/96	1461020

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Inorganic Parameters
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
GW-24								
			Metals - Dissolved					
		M036	Chromium, Dissolved	< 0.015		mg/l	07/21/94	1000451
		M036	Chromium, Dissolved	< 0.015		mg/l	04/19/94	1000509
		M036	Chromium, Dissolved	< 0.015		mg/l	08/30/94	1000565
		M036	Chromium, Dissolved	< 0.015		mg/l	09/29/94	1000579
		M036	Chromium, Dissolved	< 0.015		mg/l	10/28/94	1000591
	FILTERED 1460319	M036	Chromium, Dissolved	< 0.015		mg/l	02/03/95	1460237
	FILTERED 1460346	M036	Chromium, Dissolved	< 0.015		mg/l	05/02/95	1460361
	FILTERED 1460571	M036	Chromium, Dissolved	< 0.015		mg/l	10/13/95	1460585
		M036	Chromium, Dissolved	< 0.015		mg/l	02/01/96	1460680
	FILTERED 1460747	M036	Chromium, Dissolved	< 0.015		mg/l	05/01/96	1460836
	FILTERED	M036	Chromium, Dissolved	< 0.015		mg/l	07/29/96	1460981
	FILTERED	M036	Chromium, Dissolved	< 0.010		mg/l	10/23/96	1461227
	FILTERED	M036	Chromium, Dissolved	< 0.010		mg/l	01/24/97	1461571
	FILTERED	M036	Chromium, Dissolved	< 0.010		mg/l	04/22/97	1461633
		M054	Aluminum, Dissolved	< 0.10		mg/l	07/21/94	1000451
		M054	Aluminum, Dissolved	< 0.10		mg/l	04/19/94	1000509
		M054	Aluminum, Dissolved	< 0.10		mg/l	08/30/94	1000565
		M054	Aluminum, Dissolved	< 0.10		mg/l	09/29/94	1000579
		M054	Aluminum, Dissolved	< 0.10		mg/l	10/28/94	1000591
	FILTERED 1460319	M054	Aluminum, Dissolved	< 0.10		mg/l	02/03/95	1460237
	FILTERED 1460346	M054	Aluminum, Dissolved	< 0.10		mg/l	05/02/95	1460361
		M054	Aluminum, Dissolved	< 0.10		mg/l	07/18/95	1460437
	FILTERED 1460571	M054	Aluminum, Dissolved	< 0.10		mg/l	10/13/95	1460585
		M054	Aluminum, Dissolved	< 0.10		mg/l	02/01/96	1460680
	FILTERED 1460747	M054	Aluminum, Dissolved	< 0.10		mg/l	05/01/96	1460836
	FILTERED	M054	Aluminum, Dissolved	< 0.10		mg/l	07/29/96	1460981
	FILTERED	M054	Aluminum, Dissolved	< 0.20		mg/l	10/23/96	1461227
	FILTERED	M054	Aluminum, Dissolved	< 0.2		mg/l	01/24/97	1461571
	FILTERED	M054	Aluminum, Dissolved	< 0.20		mg/l	04/22/97	1461633
			Inorganic Non-metals					
		I005	Chloride	110		mg/l	07/21/94	1000451
		I005	Chloride	3.9		mg/l	04/19/94	1000509
		I005	Chloride	100		mg/l	08/30/94	1000565
		I005	Chloride	93		mg/l	09/29/94	1000579
		I005	Chloride	89		mg/l	10/28/94	1000591
		I005	Chloride	110		mg/l	02/03/95	1460319
		I005	Chloride	69		mg/l	05/02/95	1460346
		I005	Chloride	92		mg/l	07/18/95	1460437
		I005	Chloride	53		mg/l	10/13/95	1460571
		I005	Chloride	91		mg/l	02/01/96	1460680
		I005	Chloride	110		mg/l	05/01/96	1460747
	FILTERED	I005	Chloride	120		mg/l	07/29/96	1460981
	FILTERED	I005	Chloride	113		mg/l	10/23/96	1461227
	FILTERED	I005	Chloride	62.7		mg/l	01/24/97	1461571
	FILTERED	I005	Chloride	82.8		mg/l	04/22/97	1461633
		I009	Nitrogen, Ammonia	170		mg/l	07/21/94	1000451
		I009	Nitrogen, Ammonia	0.89		mg/l	04/19/94	1000509
		I009	Nitrogen, Ammonia	140		mg/l	08/30/94	1000565
		I009	Nitrogen, Ammonia	140		mg/l	09/29/94	1000579
		I009	Nitrogen, Ammonia	100		mg/l	10/28/94	1000591
		I009	Nitrogen, Ammonia	130		mg/l	02/03/95	1460319
		I009	Nitrogen, Ammonia	96		mg/l	05/02/95	1460346
		I009	Nitrogen, Ammonia	110		mg/l	07/18/95	1460437
		I009	Nitrogen, Ammonia	110		mg/l	07/18/95	1460437
		I009	Nitrogen, Ammonia	89		mg/l	10/13/95	1460571
		I009	Nitrogen, Ammonia	110		mg/l	02/01/96	1460680
		I009	Nitrogen, Ammonia	130		mg/l	05/01/96	1460747
	FILTERED	I009	Nitrogen, Ammonia	110		mg/l	07/29/96	1460981
	FILTERED	I009	Nitrogen, Ammonia	0.066		mg/l	10/23/96	1461227

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Inorganic Parameters
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
GW-24								
			Inorganic Non-metals					
	FILTERED	I009	Nitrogen, Ammonia	107		mg/l	01/24/97	1461571
	FILTERED	I009	Nitrogen, Ammonia	113		mg/l	04/22/97	1461633
		I018	Sulfate as SO4	270		mg/l	07/21/94	1000451
		I018	Sulfate as SO4	1200		mg/l	04/19/94	1000509
		I018	Sulfate as SO4	330		mg/l	08/30/94	1000565
		I018	Sulfate as SO4	240		mg/l	09/29/94	1000579
		I018	Sulfate as SO4	240		mg/l	10/28/94	1000591
		I018	Sulfate as SO4	310		mg/l	02/03/95	1460319
		I018	Sulfate as SO4	140		mg/l	05/02/95	1460346
		I018	Sulfate as SO4	270		mg/l	07/18/95	1460437
		I018	Sulfate as SO4	170		mg/l	10/13/95	1460571
		I018	Sulfate as SO4	320		mg/l	02/01/96	1460680
		I018	Sulfate as SO4	340		mg/l	05/01/96	1460747
	FILTERED	I018	Sulfate as SO4	350		mg/l	07/29/96	1460981
	FILTERED	I018	Sulfate as SO4	406		mg/l	10/23/96	1461227
	FILTERED	I018	Sulfate as SO4	417		mg/l	01/24/97	1461571
	FILTERED	I018	Sulfate as SO4	319		mg/l	04/22/97	1461633
			Physical Properties					
		F009	pH Laboratory	7.80		Std. Un	07/21/94	1000451
		F009	pH Laboratory	6.60		Std. Un	04/19/94	1000509
		F009	pH Laboratory	7.80		Std. Un	08/30/94	1000565
		F009	pH Laboratory	7.50		Std. Un	09/29/94	1000579
		F009	pH Laboratory	7.40		Std. Un	10/28/94	1000591
		F009	pH Laboratory	7.50		Std. Un	02/03/95	1460319
		F009	pH Laboratory	7.10		Std. Un	05/02/95	1460346
		F009	pH Laboratory	7.40		Std. Un	07/18/95	14[illegible]37
		F009	pH Laboratory	6.90		Std. Un	10/13/95	1[illegible]1
		F009	pH Laboratory	7.10		Std. Un	02/01/96	1[illegible]0
		F009	pH Laboratory	7.40		Std. Un	05/01/96	1460747
	FILTERED	F009	pH Laboratory	7.50		Std. Un	07/29/96	1460981
	FILTERED	F009	pH Laboratory	6.28		Std. Un	10/23/96	1461227
	FILTERED	F009	pH Laboratory	7.77		Std. Un	01/24/97	1461571
	FILTERED	F009	pH Laboratory	7.87		Std. Un	04/22/97	1461633
		F037	pH Field	8.13		Std. Un	07/21/94	1000451
		F037	pH Field	7.80		Std. Un	04/19/94	1000509
		F037	pH Field	7.73		Std. Un	08/30/94	1000565
		F037	pH Field	7.98		Std. Un	09/29/94	1000579
		F037	pH Field	7.02		Std. Un	10/28/94	1000591
		F037	pH Field	7.16		Std. Un	02/03/95	1460319
		F037	pH Field	7.02		Std. Un	05/02/95	1460346
		F037	pH Field	7.15		Std. Un	07/18/95	1460437
		F037	pH Field	6.58		Std. Un	10/13/95	1460571
		F037	pH Field	6.61		Std. Un	02/01/96	1460680
		F037	pH Field	7.30		Std. Un	05/01/96	1460747
	FILTERED	F037	pH Field	7.69		Std. Un	10/23/96	1461227
	FILTERED	F037	pH Field	7.62		Std. Un	01/24/97	1461571
	FILTERED	F037	pH Field	7.68		Std. Un	04/22/97	1461633
		F062	Specific Conductance - Field	1640		umhos	07/21/94	1000451
		F062	Specific Conductance - Field	1930		umhos	04/19/94	1000509
		F062	Specific Conductance - Field	1380		umhos	08/30/94	1000565
		F062	Specific Conductance - Field	1100		umhos	09/29/94	1000579
		F062	Specific Conductance - Field	1110		umhos	10/28/94	1000591
		F062	Specific Conductance - Field	1800		umhos	02/03/95	1460319
		F062	Specific Conductance - Field	816		umhos	05/02/95	1460346
		F062	Specific Conductance - Field	1280		umhos	07/18/95	1460437
		F062	Specific Conductance - Field	937		umhos	10/13/95	1460571
		F062	Specific Conductance - Field	1530		umhos	02/01/96	1460680
		F062	Specific Conductance - Field	1640		umhos	05/01/96	1460747
	FILTERED	F062	Specific Conductance - Field	1870		umhos	07/29/96	1460981

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Inorganic Parameters
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
GW-24								
			Physical Properties					
	FILTERED	F062	Specific Conductance - Field	537		umhos	10/23/96	1461227
	FILTERED	F062	Specific Conductance - Field	1610		umhos	01/24/97	1461571
	FILTERED	F062	Specific Conductance - Field	1600		umhos	04/22/97	1461633
		F064	Temperature - Field	14		deg. C	07/21/94	1000451
		F064	Temperature - Field	11		deg. C	04/19/94	1000509
		F064	Temperature - Field	12.6		deg. C	08/30/94	1000565
		F064	Temperature - Field	12.3		deg. C	09/29/94	1000579
		F064	Temperature - Field	12.5		deg. C	10/28/94	1000591
		F064	Temperature - Field	1.6		deg. C	02/03/95	1460319
		F064	Temperature - Field	8.1		deg. C	05/02/95	1460346
		F064	Temperature - Field	13.2		deg. C	07/18/95	1460437
		F064	Temperature - Field	12.3		deg. C	10/13/95	1460571
		F064	Temperature - Field	3.1		deg. C	02/01/96	1460680
		F064	Temperature - Field	7.3		deg. C	05/01/96	1460747
	FILTERED	F064	Temperature - Field	12.2		deg. C	07/29/96	1460981
	FILTERED	F064	Temperature - Field	11.9		deg. C	10/23/96	1461227
	FILTERED	F064	Temperature - Field	7.4		deg. C	01/24/97	1461571
	FILTERED	F064	Temperature - Field	8.7		deg. C	04/22/97	1461633
GW-25								
			Metals - Dissolved					
	FILTERED 1461262	M028	Arsenic, Dissolved	< 0.010		mg/l	10/17/96	1461303
	FILTERED 1461262	M029	Barium, Dissolved	< 0.20		mg/l	10/17/96	1461303
	FILTERED 1461262	M031	Beryllium, Dissolved	< 0.005		mg/l	10/17/96	1461303
	FILTERED 1461262	M032	Silver, Dissolved	< 0.01		mg/l	10/17/96	1461303
	FILTERED 1461262	M033	Calcium, Dissolved	27.5		mg/l	10/17/96	1461303
	FILTERED 1461262	M034	Cadmium, Dissolved	< 0.005		mg/l	10/17/96	1461303
		M036	Chromium, Dissolved	0.017		mg/l	07/21/94	1000452
		M036	Chromium, Dissolved	< 0.015		mg/l	04/19/94	1000510
		M036	Chromium, Dissolved	< 0.015		mg/l	08/30/94	1000566
		M036	Chromium, Dissolved	< 0.015		mg/l	09/29/94	1000580
		M036	Chromium, Dissolved	< 0.015		mg/l	10/28/94	1000592
	FILTERED 1460318	M036	Chromium, Dissolved	< 0.015		mg/l	02/03/95	1460236
	FILTERED 1460345	M036	Chromium, Dissolved	< 0.015		mg/l	05/02/95	1460360
		M036	Chromium, Dissolved	< 0.015		mg/l	07/18/95	1460436
	FILTERED 1460572	M036	Chromium, Dissolved	< 0.015		mg/l	10/13/95	1460586
		M036	Chromium, Dissolved	0.016		mg/l	02/01/96	1460681
	FILTERED 1460748	M036	Chromium, Dissolved	< 0.015		mg/l	05/01/96	1460837
	FILTERED	M036	Chromium, Dissolved	0.0166		mg/l	07/29/96	1460982
	FILTERED	M036	Chromium, Dissolved	0.015		mg/l	10/23/96	1461228
	FILTERED 1461262	M036	Chromium, Dissolved	0.012		mg/l	10/17/96	1461303
	FILTERED	M036	Chromium, Dissolved	0.02		mg/l	01/24/97	1461572
	FILTERED	M036	Chromium, Dissolved	0.020		mg/l	04/22/97	1461634
	FILTERED 1461262	M037	Copper, Dissolved	< 0.025		mg/l	10/17/96	1461303
	FILTERED 1461262	M040	Iron, Dissolved	0.973		mg/l	10/17/96	1461303
	FILTERED 1461262	M041	Mercury, Dissolved	< 0.2		ug/l	10/17/96	1461303
	FILTERED 1461262	M042	Potassium, Dissolved	< 5.0		mg/l	10/17/96	1461303
	FILTERED 1461262	M044	Magnesium, Dissolved	< 5.00		mg/l	10/17/96	1461303
	FILTERED 1461262	M045	Manganese, Dissolved	2.16		mg/l	10/17/96	1461303
	FILTERED 1461262	M047	Sodium, Dissolved	48.2		mg/l	10/17/96	1461303
	FILTERED 1461262	M048	Lead, Dissolved	< 0.003		mg/l	10/17/96	1461303
	FILTERED 1461262	M050	Selenium, Dissolved	< 0.005		mg/l	10/17/96	1461303
	FILTERED 1461262	M053	Zinc, Dissolved	2.34		mg/l	10/17/96	1461303
		M054	Aluminum, Dissolved	< 0.10		mg/l	07/21/94	1000452
		M054	Aluminum, Dissolved	< 0.10		mg/l	04/19/94	1000510
		M054	Aluminum, Dissolved	< 0.10		mg/l	08/30/94	1000566
		M054	Aluminum, Dissolved	< 0.10		mg/l	09/29/94	1000580
		M054	Aluminum, Dissolved	< 0.10		mg/l	10/28/94	1000592
	FILTERED 1460318	M054	Aluminum, Dissolved	< 0.10		mg/l	02/03/95	1460236

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TABLE-22
Groundwater Analytical Results
Inorganic Parameters
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
GW-25								
			Metals - Dissolved					
	FILTERED 1460345	M054	Aluminum, Dissolved	< 0.10		mg/l	05/02/95	1460360
		M054	Aluminum, Dissolved	< 0.10		mg/l	07/18/95	1460436
	FILTERED 1460572	M054	Aluminum, Dissolved	< 0.10		mg/l	10/13/95	1460586
		M054	Aluminum, Dissolved	< 0.10		mg/l	02/01/96	1460681
	FILTERED 1460748	M054	Aluminum, Dissolved	< 0.10		mg/l	05/01/96	1460837
	FILTERED	M054	Aluminum, Dissolved	< 0.10		mg/l	07/29/96	1460982
	FILTERED	M054	Aluminum, Dissolved	< 0.20		mg/l	10/23/96	1461228
	FILTERED 1461262	M054	Aluminum, Dissolved	< 0.20		mg/l	10/17/96	1461303
	FILTERED	M054	Aluminum, Dissolved	< 0.2		mg/l	01/24/97	1461572
	FILTERED	M054	Aluminum, Dissolved	0.328		mg/l	04/22/97	1461634
	FILTERED 1461262	M055	Cobalt, Dissolved	< 0.05		mg/l	10/17/96	1461303
	FILTERED 1461262	M059	Nickel, Dissolved	< 0.04		mg/l	10/17/96	1461303
	FILTERED 1461262	M098	Thallium, Dissolved	< 0.01		mg/l	10/17/96	1461303
	FILTERED 1461262	M099	Vanadium, Dissolved	< 0.05		mg/l	10/17/96	1461303
	FILTERED 1461262	M100	Antimony, Dissolved	< 0.06		mg/l	10/17/96	1461303
			Inorganic Non-metals					
		I005	Chloride	150		mg/l	07/21/94	1000452
		I005	Chloride	120		mg/l	04/19/94	1000510
		I005	Chloride	85		mg/l	08/30/94	1000566
		I005	Chloride	130		mg/l	09/29/94	1000580
		I005	Chloride	170		mg/l	10/28/94	1000592
		I005	Chloride	85		mg/l	02/03/95	1460318
		I005	Chloride	65		mg/l	05/02/95	1460345
		I005	Chloride	87		mg/l	07/18/95	1460436
		I005	Chloride	110		mg/l	10/13/95	1460572
		I005	Chloride	42		mg/l	02/01/96	1[illegible]1
		I005	Chloride	64		mg/l	05/01/96	1[illegible]8
	FILTERED	I005	Chloride	73		mg/l	07/29/96	14[illegible]2
	FILTERED	I005	Chloride	77.8		mg/l	10/23/96	1461228
	FILTERED 1461262	I005	Chloride	88.1		mg/l	10/17/96	1461303
	FILTERED	I005	Chloride	55.6		mg/l	01/24/97	1461572
	FILTERED	I005	Chloride	61.3		mg/l	04/22/97	1461634
		I009	Nitrogen, Ammonia	140		mg/l	07/21/94	1000452
		I009	Nitrogen, Ammonia	66		mg/l	04/19/94	1000510
		I009	Nitrogen, Ammonia	140		mg/l	08/30/94	1000566
		I009	Nitrogen, Ammonia	130		mg/l	09/29/94	1000580
		I009	Nitrogen, Ammonia	120		mg/l	10/28/94	1000592
		I009	Nitrogen, Ammonia	75		mg/l	02/03/95	1460318
		I009	Nitrogen, Ammonia	50		mg/l	05/02/95	1460345
		I009	Nitrogen, Ammonia	67		mg/l	07/18/95	1460436
		I009	Nitrogen, Ammonia	99		mg/l	10/13/95	1460572
		I009	Nitrogen, Ammonia	28		mg/l	02/01/96	1460681
		I009	Nitrogen, Ammonia	56		mg/l	05/01/96	1460748
	FILTERED	I009	Nitrogen, Ammonia	38		mg/l	07/29/96	1460982
	FILTERED	I009	Nitrogen, Ammonia	31.3		mg/l	10/23/96	1461228
	FILTERED 1461262	I009	Nitrogen, Ammonia	40.2		mg/l	10/17/96	1461303
	FILTERED	I009	Nitrogen, Ammonia	36.1		mg/l	01/24/97	1461572
	FILTERED	I009	Nitrogen, Ammonia	36.7		mg/l	04/22/97	1461634
		I018	Sulfate as SO4	290		mg/l	07/21/94	1000452
		I018	Sulfate as SO4	160		mg/l	04/19/94	1000510
		I018	Sulfate as SO4	490		mg/l	08/30/94	1000566
		I018	Sulfate as SO4	290		mg/l	09/29/94	1000580
		I018	Sulfate as SO4	220		mg/l	10/28/94	1000592
		I018	Sulfate as SO4	260		mg/l	02/03/95	1460318
		I018	Sulfate as SO4	110		mg/l	05/02/95	1460345
		I018	Sulfate as SO4	190		mg/l	07/18/95	1460436
		I018	Sulfate as SO4	200		mg/l	10/13/95	1460572
		I018	Sulfate as SO4	77		mg/l	02/01/96	1460681
		I018	Sulfate as SO4	140		mg/l	05/01/96	1460748

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TABLE-22
Groundwater Analytical Results
Inorganic Parameters
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
GW-25								
			Inorganic Non-metals					
	FILTERED	I018	Sulfate as SO4	190		mg/l	07/29/96	1460982
	FILTERED	I018	Sulfate as SO4	205		mg/l	10/23/96	1461228
	FILTERED 1461262	I018	Sulfate as SO4	213		mg/l	10/17/96	1461303
	FILTERED	I018	Sulfate as SO4	227		mg/l	01/24/97	1461572
	FILTERED	I018	Sulfate as SO4	166		mg/l	04/22/97	1461634
	FILTERED 1461262	I070	Bicarbonate as HCO3	68.0		mg/l	10/17/96	1461303
			Physical Properties					
		F009	pH Laboratory	6.60		Std. Un	07/21/94	1000452
		F009	pH Laboratory	6.60		Std. Un	04/19/94	1000510
		F009	pH Laboratory	6.70		Std. Un	08/30/94	1000566
		F009	pH Laboratory	6.70		Std. Un	09/29/94	1000580
		F009	pH Laboratory	6.70		Std. Un	10/28/94	1000592
		F009	pH Laboratory	6.60		Std. Un	02/03/95	1460318
		F009	pH Laboratory	6.70		Std. Un	05/02/95	1460345
		F009	pH Laboratory	6.70		Std. Un	07/18/95	1460436
		F009	pH Laboratory	6.60		Std. Un	10/13/95	1460572
		F009	pH Laboratory	6.60		Std. Un	02/01/96	1460681
		F009	pH Laboratory	6.20		Std. Un	05/01/96	1460748
	FILTERED	F009	pH Laboratory	6.20		Std. Un	07/29/96	1460982
	FILTERED	F009	pH Laboratory	6.18		Std. Un	10/23/96	1461228
	FILTERED	F009	pH Laboratory	6.09		Std. Un	01/24/97	1461572
	FILTERED	F009	pH Laboratory	6.20		Std. Un	04/22/97	1461634
		F037	pH Field	6.95		Std. Un	07/21/94	1000452
		F037	pH Field	6.50		Std. Un	04/19/94	1000510
		F037	pH Field	6.63		Std. Un	08/30/94	1000566
		F037	pH Field	7.11		Std. Un	09/29/94	1000580
		F037	pH Field	6.50		Std. Un	10/28/94	1000592
		F037	pH Field	6.39		Std. Un	02/03/95	1460318
		F037	pH Field	6.40		Std. Un	05/02/95	1460345
		F037	pH Field	6.40		Std. Un	07/18/95	1460436
		F037	pH Field	6.34		Std. Un	10/13/95	1460572
		F037	pH Field	5.81		Std. Un	05/01/96	1460748
	FILTERED	F037	pH Field	6.27		Std. Un	10/23/96	1461228
		F037	pH Field	6.20		Std. Un	10/17/96	1461262
	FILTERED	F037	pH Field	5.70		Std. Un	01/24/97	1461572
	FILTERED	F037	pH Field	5.60		Std. Un	04/22/97	1461634
		F062	Specific Conductance - Field	1560		umhos	07/21/94	1000452
		F062	Specific Conductance - Field	1170		umhos	04/19/94	1000510
		F062	Specific Conductance - Field	1610		umhos	08/30/94	1000566
		F062	Specific Conductance - Field	1240		umhos	09/29/94	1000580
		F062	Specific Conductance - Field	1370		umhos	10/28/94	1000592
		F062	Specific Conductance - Field	1180		umhos	02/03/95	1460318
		F062	Specific Conductance - Field	686		umhos	05/02/95	1460345
		F062	Specific Conductance - Field	1050		umhos	07/18/95	1460436
		F062	Specific Conductance - Field	1400		umhos	10/13/95	1460572
		F062	Specific Conductance - Field	703		umhos	05/01/96	1460748
	FILTERED	F062	Specific Conductance - Field	909		umhos	07/29/96	1460982
	FILTERED	F062	Specific Conductance - Field	856		umhos	10/23/96	1461228
		F062	Specific Conductance - Field	869		umhos	10/17/96	1461262
	FILTERED	F062	Specific Conductance - Field	788		umhos	01/24/97	1461572
	FILTERED	F062	Specific Conductance - Field	715		umhos	04/22/97	1461634
		F064	Temperature - Field	12.9		deg. C	07/21/94	1000452
		F064	Temperature - Field	13		deg. C	04/19/94	1000510
		F064	Temperature - Field	14.1		deg. C	08/30/94	1000566
		F064	Temperature - Field	14		deg. C	09/29/94	1000580
		F064	Temperature - Field	13.3		deg. C	10/28/94	1000592
		F064	Temperature - Field	7.9		deg. C	02/03/95	1460318
		F064	Temperature - Field	9.0		deg. C	05/02/95	1460345
		F064	Temperature - Field	13		deg. C	07/18/95	1460436

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TABLE-22
Groundwater Analytical Results
Inorganic Parameters
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
GW-25								
			Physical Properties					
		F064	Temperature - Field	13.8		deg. C	10/13/95	1460572
		F064	Temperature - Field	9.5		deg. C	05/01/96	1460748
	FILTERED	F064	Temperature - Field	11.8		deg. C	07/29/96	1460982
	FILTERED	F064	Temperature - Field	12.4		deg. C	10/23/96	1461228
		F064	Temperature - Field	13		deg. C	10/17/96	1461262
	FILTERED	F064	Temperature - Field	8.5		deg. C	01/24/97	1461572
	FILTERED	F064	Temperature - Field	8.4		deg. C	04/22/97	1461634
GW-26								
			Metals - Dissolved					
		M036	Chromium, Dissolved	< 0.015		mg/l	07/21/94	1000453
		M036	Chromium, Dissolved	0.048		mg/l	04/19/94	1000511
		M036	Chromium, Dissolved	< 0.015		mg/l	08/30/94	1000567
		M036	Chromium, Dissolved	< 0.015		mg/l	09/29/94	1000581
		M036	Chromium, Dissolved	< 0.015		mg/l	10/28/94	1000593
	FILTERED 1460321	M036	Chromium, Dissolved	< 0.015		mg/l	02/03/95	1460239
	FILTERED 1460344	M036	Chromium, Dissolved	< 0.015		mg/l	05/02/95	1460359
		M036	Chromium, Dissolved	< 0.015		mg/l	07/18/95	1460435
	FILTERED 1460573	M036	Chromium, Dissolved	< 0.015		mg/l	10/13/95	1460587
		M036	Chromium, Dissolved	0.019		mg/l	02/01/96	1460682
	FILTERED 1460750	M036	Chromium, Dissolved	< 0.015		mg/l	05/01/96	1460839
	FILTERED	M036	Chromium, Dissolved	< 0.015		mg/l	07/29/96	1460983
	FILTERED	M036	Chromium, Dissolved	0.015		mg/l	10/23/96	1461229
	FILTERED	M036	Chromium, Dissolved	< 0.01		mg/l	01/24/97	1461573
	FILTERED	M036	Chromium, Dissolved	0.018		mg/l	04/22/97	1461635
		M054	Aluminum, Dissolved	< 0.10		mg/l	07/21/94	1[illegible]3
		M054	Aluminum, Dissolved	< 0.10		mg/l	04/19/94	1[illegible]1
		M054	Aluminum, Dissolved	< 0.10		mg/l	08/30/94	10[illegible]7
		M054	Aluminum, Dissolved	< 0.10		mg/l	09/29/94	1000581
		M054	Aluminum, Dissolved	< 0.10		mg/l	10/28/94	1000593
	FILTERED 1460321	M054	Aluminum, Dissolved	< 0.10		mg/l	02/03/95	1460239
	FILTERED 1460344	M054	Aluminum, Dissolved	< 0.10		mg/l	05/02/95	1460359
		M054	Aluminum, Dissolved	< 0.10		mg/l	07/18/95	1460435
	FILTERED 1460573	M054	Aluminum, Dissolved	< 0.10		mg/l	10/13/95	1460587
		M054	Aluminum, Dissolved	< 0.10		mg/l	02/01/96	1460682
	FILTERED 1460750	M054	Aluminum, Dissolved	< 0.10		mg/l	05/01/96	1460839
	FILTERED	M054	Aluminum, Dissolved	< 0.10		mg/l	07/29/96	1460983
	FILTERED	M054	Aluminum, Dissolved	< 0.20		mg/l	10/23/96	1461229
	FILTERED	M054	Aluminum, Dissolved	< 0.2		mg/l	01/24/97	1461573
	FILTERED	M054	Aluminum, Dissolved	< 0.20		mg/l	04/22/97	1461635
			Inorganic Non-metals					
		I005	Chloride	55		mg/l	07/21/94	1000453
		I005	Chloride	440		mg/l	04/19/94	1000511
		I005	Chloride	13		mg/l	08/30/94	1000567
		I005	Chloride	22		mg/l	09/29/94	1000581
		I005	Chloride	76		mg/l	10/28/94	1000593
		I005	Chloride	53		mg/l	02/03/95	1460321
		I005	Chloride	46		mg/l	05/02/95	1460344
		I005	Chloride	39		mg/l	07/18/95	1460435
		I005	Chloride	11		mg/l	10/13/95	1460573
		I005	Chloride	100		mg/l	02/01/96	1460682
		I005	Chloride	67		mg/l	05/01/96	1460750
		I005	Chloride	67		mg/l	05/01/96	1460750
	FILTERED	I005	Chloride	29		mg/l	07/29/96	1460983
	FILTERED	I005	Chloride	93.9		mg/l	10/23/96	1461229
	FILTERED	I005	Chloride	47.3		mg/l	01/24/97	1461573
	FILTERED	I005	Chloride	133		mg/l	04/22/97	1461635
		I009	Nitrogen, Ammonia	63		mg/l	07/21/94	1000453
		I009	Nitrogen, Ammonia	200		mg/l	04/19/94	1000511

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TABLE-22
Groundwater Analytical Results
Inorganic Parameters
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
GW-26								
			Inorganic Non-metals					
		I009	Nitrogen, Ammonia	17		mg/l	08/30/94	1000567
		I009	Nitrogen, Ammonia	16		mg/l	09/29/94	1000581
		I009	Nitrogen, Ammonia	29		mg/l	10/28/94	1000593
		I009	Nitrogen, Ammonia	62		mg/l	02/03/95	1460321
		I009	Nitrogen, Ammonia	56		mg/l	05/02/95	1460344
		I009	Nitrogen, Ammonia	22		mg/l	07/18/95	1460435
		I009	Nitrogen, Ammonia	30		mg/l	10/13/95	1460573
		I009	Nitrogen, Ammonia	71		mg/l	02/01/96	1460682
		I009	Nitrogen, Ammonia	71		mg/l	05/01/96	1460750
	FILTERED	I009	Nitrogen, Ammonia	38		mg/l	07/29/96	1460983
	FILTERED	I009	Nitrogen, Ammonia	74.4		mg/l	10/23/96	1461229
	FILTERED	I009	Nitrogen, Ammonia	46.0		mg/l	01/24/97	1461573
	FILTERED	I009	Nitrogen, Ammonia	0.41		mg/l	04/22/97	1461635
		I018	Sulfate as SO4	200		mg/l	07/21/94	1000453
		I018	Sulfate as SO4	660		mg/l	04/19/94	1000511
		I018	Sulfate as SO4	40		mg/l	08/30/94	1000567
		I018	Sulfate as SO4	52		mg/l	09/29/94	1000581
		I018	Sulfate as SO4	48		mg/l	10/28/94	1000593
		I018	Sulfate as SO4	260		mg/l	02/03/95	1460321
		I018	Sulfate as SO4	160		mg/l	05/02/95	1460344
		I018	Sulfate as SO4	110		mg/l	07/18/95	1460435
		I018	Sulfate as SO4	80		mg/l	10/13/95	1460573
		I018	Sulfate as SO4	440		mg/l	02/01/96	1460682
	FILTERED	I018	Sulfate as SO4	150		mg/l	07/29/96	1460983
	FILTERED	I018	Sulfate as SO4	500		mg/l	10/23/96	1461229
	FILTERED	I018	Sulfate as SO4	281		mg/l	01/24/97	1461573
	FILTERED	I018	Sulfate as SO4	478		mg/l	04/22/97	1461635
			Physical Properties					
		F009	pH Laboratory	6.10		Std. Un	07/21/94	1000453
		F009	pH Laboratory	5.80		Std. Un	04/19/94	1000511
		F009	pH Laboratory	6.50		Std. Un	08/30/94	1000567
		F009	pH Laboratory	6.60		Std. Un	09/29/94	1000581
		F009	pH Laboratory	6.30		Std. Un	10/28/94	1000593
		F009	pH Laboratory	6.30		Std. Un	02/03/95	1460321
		F009	pH Laboratory	6.40		Std. Un	05/02/95	1460344
		F009	pH Laboratory	6.30		Std. Un	07/18/95	1460435
		F009	pH Laboratory	6.30		Std. Un	10/13/95	1460573
		F009	pH Laboratory	6.10		Std. Un	02/01/96	1460682
		F009	pH Laboratory	6.10		Std. Un	05/01/96	1460750
	FILTERED	F009	pH Laboratory	6.40		Std. Un	07/29/96	1460983
	FILTERED	F009	pH Laboratory	6.56		Std. Un	10/23/96	1461229
	FILTERED	F009	pH Laboratory	6.34		Std. Un	01/24/97	1461573
	FILTERED	F009	pH Laboratory	6.49		Std. Un	04/22/97	1461635
		F037	pH Field	6.56		Std. Un	07/21/94	1000453
		F037	pH Field	5.70		Std. Un	04/19/94	1000511
		F037	pH Field	6.37		Std. Un	08/30/94	1000567
		F037	pH Field	6.48		Std. Un	09/29/94	1000581
		F037	pH Field	6.01		Std. Un	10/28/94	1000593
		F037	pH Field	6.40		Std. Un	02/03/95	1460321
		F037	pH Field	6.29		Std. Un	05/02/95	1460344
		F037	pH Field	6.03		Std. Un	07/18/95	1460435
		F037	pH Field	5.98		Std. Un	10/13/95	1460573
		F037	pH Field	6.12		Std. Un	02/01/96	1460682
		F037	pH Field	5.94		Std. Un	05/01/96	1460750
	FILTERED	F037	pH Field	6.22		Std. Un	10/23/96	1461229
	FILTERED	F037	pH Field	6.07		Std. Un	01/24/97	1461573
	FILTERED	F037	pH Field	6.10		Std. Un	04/22/97	1461635
		F062	Specific Conductance - Field	754		umhos	07/21/94	1000453
		F062	Specific Conductance - Field	3080		umhos	04/19/94	1000511

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TABLE-22
Groundwater Analytical Results
Inorganic Parameters
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
GW-26								
			Physical Properties					
		F062	Specific Conductance - Field	225		umhos	08/30/94	1000567
		F062	Specific Conductance - Field	290		umhos	09/29/94	1000581
		F062	Specific Conductance - Field	430		umhos	10/28/94	1000593
		F062	Specific Conductance - Field	993		umhos	02/03/95	1460321
		F062	Specific Conductance - Field	748		umhos	05/02/95	1460344
		F062	Specific Conductance - Field	413		umhos	07/18/95	1460435
		F062	Specific Conductance - Field	441		umhos	10/13/95	1460573
		F062	Specific Conductance - Field	2060		umhos	02/01/96	1460682
		F062	Specific Conductance - Field	1030		umhos	05/01/96	1460750
	FILTERED	F062	Specific Conductance - Field	701		umhos	07/29/96	1460983
	FILTERED	F062	Specific Conductance - Field	1510		umhos	10/23/96	1461229
	FILTERED	F062	Specific Conductance - Field	881		umhos	01/24/97	1461573
	FILTERED	F062	Specific Conductance - Field	1810		umhos	04/22/97	1461635
		F064	Temperature - Field	13.6		deg. C	07/21/94	1000453
		F064	Temperature - Field	11.7		deg. C	04/19/94	1000511
		F064	Temperature - Field	17.3		deg. C	08/30/94	1000567
		F064	Temperature - Field	16.4		deg. C	09/29/94	1000581
		F064	Temperature - Field	14.3		deg. C	10/28/94	1000593
		F064	Temperature - Field	8.5		deg. C	02/03/95	1460321
		F064	Temperature - Field	8.2		deg. C	05/02/95	1460344
		F064	Temperature - Field	14.5		deg. C	07/18/95	1460435
		F064	Temperature - Field	14		deg. C	10/13/95	1460573
		F064	Temperature - Field	7.8		deg. C	02/01/96	1460682
		F064	Temperature - Field	9.1		deg. C	05/01/96	1460750
	FILTERED	F064	Temperature - Field	13		deg. C	07/29/96	1460983
	FILTERED	F064	Temperature - Field	12.6		deg. C	10/23/96	146[illegible]29
	FILTERED	F064	Temperature - Field	8.6		deg. C	01/24/97	1[illegible]
	FILTERED	F064	Temperature - Field	9.1		deg. C	04/22/97	14[illegible]5
GW-27-D								
			Metals					
	COND. SPIKE	M008	Chromium	2.2		mg/l	01/13/95	1460255
			Inorganic Non-metals					
	COND. SPIKE	I009	Nitrogen, Ammonia	3700		mg/l	01/13/95	1460255
	COND. SPIKE	I018	Sulfate as SO4	23000		mg/l	01/13/95	1460255
			Physical Properties					
		F037	pH Field	4.44		Std. Un	05/01/96	1461016
	Pre-Purge Sample	F062	Specific Conductance - Field	69700		umhos	05/01/96	1460736
		F062	Specific Conductance - Field	33300		umhos	05/01/96	1461016
	Pre-Purge Sample	F064	Temperature - Field	10.2		deg. C	05/01/96	1460736
		F064	Temperature - Field	9.3		deg. C	05/01/96	1461016
	Pre-Purge Sample	F066	Specific Gravity, Field	1.060		g/ml	05/01/96	1460736
GW-27-S								
			Physical Properties					
		F037	pH Field	5.92		Std. Un	05/01/96	1461015
		F062	Specific Conductance - Field	1980		umhos	05/01/96	1461015
		F064	Temperature - Field	8.3		deg. C	05/01/96	1461015
GW-28-S								
			Metals - Dissolved					
	FILTERED 1461263	M028	Arsenic, Dissolved	< 0.010		mg/l	10/17/96	1461304
	FILTERED 1461263	M029	Barium, Dissolved	< 0.20		mg/l	10/17/96	1461304
	FILTERED 1461263	M031	Beryllium, Dissolved	< 0.005		mg/l	10/17/96	1461304
	FILTERED 1461263	M032	Silver, Dissolved	< 0.01		mg/l	10/17/96	1461304
	FILTERED 1461263	M033	Calcium, Dissolved	5.73		mg/l	10/17/96	1461304
	FILTERED 1461263	M034	Cadmium, Dissolved	< 0.005		mg/l	10/17/96	1461304
	FILTERED 1461263	M036	Chromium, Dissolved	< 0.01		mg/l	10/17/96	1461304
	FILTERED 1461263	M037	Copper, Dissolved	< 0.025		mg/l	10/17/96	1461304

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TABLE-22
Groundwater Analytical Results
Inorganic Parameters
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
GW-28-S								
			Metals - Dissolved					
	FILTERED 1461263	M040	Iron, Dissolved	1.25		mg/l	10/17/96	1461304
	FILTERED 1461263	M041	Mercury, Dissolved	< 0.2		ug/l	10/17/96	1461304
	FILTERED 1461263	M042	Potassium, Dissolved	< 5.0		mg/l	10/17/96	1461304
	FILTERED 1461263	M044	Magnesium, Dissolved	< 5.00		mg/l	10/17/96	1461304
	FILTERED 1461263	M045	Manganese, Dissolved	0.066		mg/l	10/17/96	1461304
	FILTERED 1461263	M047	Sodium, Dissolved	13.4		mg/l	10/17/96	1461304
	FILTERED 1461263	M048	Lead, Dissolved	< 0.003		mg/l	10/17/96	1461304
	FILTERED 1461263	M050	Selenium, Dissolved	< 0.005		mg/l	10/17/96	1461304
	FILTERED 1461263	M053	Zinc, Dissolved	0.108		mg/l	10/17/96	1461304
	FILTERED 1461263	M054	Aluminum, Dissolved	1.1		mg/l	10/17/96	1461304
	FILTERED 1461263	M055	Cobalt, Dissolved	< 0.05		mg/l	10/17/96	1461304
	FILTERED 1461263	M059	Nickel, Dissolved	< 0.04		mg/l	10/17/96	1461304
	FILTERED 1461263	M098	Thallium, Dissolved	< 0.01		mg/l	10/17/96	1461304
	FILTERED 1461263	M099	Vanadium, Dissolved	< 0.05		mg/l	10/17/96	1461304
	FILTERED 1461263	M100	Antimony, Dissolved	< 0.06		mg/l	10/17/96	1461304
			Inorganic Non-metals					
	FILTERED 1461263	I005	Chloride	16.8		mg/l	10/17/96	1461304
	FILTERED 1461263	I009	Nitrogen, Ammonia	1.02		mg/l	10/17/96	1461304
	FILTERED 1461263	I018	Sulfate as SO4	25.9		mg/l	10/17/96	1461304
	FILTERED 1461263	I070	Bicarbonate as HCO3	4.6		mg/l	10/17/96	1461304
			Physical Properties					
		F037	pH Field	5.60		Std. Un	10/17/96	1461263
		F062	Specific Conductance - Field	104		umhos	10/17/96	1461263
		F064	Temperature - Field	13		deg. C	10/17/96	1461263
GW-30-DR								
			Physical Properties					
		F024	Specific Gravity	[illegible]		g/ml	04/10/97	1461603
		F031	Viscosity	1.75		cpoise	04/10/97	1461603
		F062	Specific Conductance - Field	69700		umhos	05/03/96	1461012
		F064	Temperature - Field	10.2		deg. C	05/03/96	1461012
		F066	Specific Gravity, Field	1.09		g/ml	01/13/95	1460342
		F066	Specific Gravity, Field	1.100		g/ml	05/03/96	1461012
GW-34-D								
			Physical Properties					
		F037	pH Field	4.30		Std. Un	05/02/96	1461019
	Pre-Purge Sample	F062	Specific Conductance - Field	15400		umhos	05/02/96	1460739
		F062	Specific Conductance - Field	9410		umhos	05/02/96	1461019
	Pre-Purge Sample	F064	Temperature - Field	11.0		deg. C	05/02/96	1460739
		F064	Temperature - Field	10.5		deg. C	05/02/96	1461019
	Pre-Purge Sample	F066	Specific Gravity, Field	1.000		g/ml	05/02/96	1460739
GW-34-S								
			Physical Properties					
		F037	pH Field	5.36		Std. Un	05/02/96	1461018
		F062	Specific Conductance - Field	167		umhos	05/02/96	1461018
		F064	Temperature - Field	7.4		deg. C	05/02/96	1461018
GW-35-D								
			Physical Properties					
		F037	pH Field	3.94		Std. Un	05/02/96	1461023
	Pre-Purge Sample	F062	Specific Conductance - Field	67400		umhos	05/02/96	1460742
		F062	Specific Conductance - Field	67700		umhos	05/02/96	1461023
	Pre-Purge Sample	F064	Temperature - Field	11.5		deg. C	05/02/96	1460742
		F064	Temperature - Field	11.3		deg. C	05/02/96	1461023
	Pre-Purge Sample	F066	Specific Gravity, Field	1.070		g/ml	05/02/96	1460742

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Inorganic Parameters
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
GW-35-S								
			Metals - Dissolved					
		M036	Chromium, Dissolved	0.022		mg/l	07/21/94	1000454
		M036	Chromium, Dissolved	0.017		mg/l	04/19/94	1000512
		M036	Chromium, Dissolved	0.019		mg/l	08/30/94	1000568
		M036	Chromium, Dissolved	< 0.015		mg/l	09/29/94	1000582
		M036	Chromium, Dissolved	0.017		mg/l	10/28/94	1000594
	FILTERED 1460314	M036	Chromium, Dissolved	< 0.015		mg/l	02/03/95	1460232
	FILTERED 1460354	M036	Chromium, Dissolved	< 0.015		mg/l	05/04/95	1460369
		M036	Chromium, Dissolved	0.017		mg/l	07/18/95	1460446
	FILTERED 1460574	M036	Chromium, Dissolved	< 0.015		mg/l	10/13/95	1460588
		M036	Chromium, Dissolved	0.020		mg/l	02/01/96	1460683
	FILTERED 1460755	M036	Chromium, Dissolved	0.018		mg/l	05/01/96	1460844
	FILTERED	M036	Chromium, Dissolved	0.0211		mg/l	07/29/96	1460987
	FILTDUP 1460987	M036	Chromium, Dissolved	0.0205		mg/l	07/29/96	1460988
	FILTERED	M036	Chromium, Dissolved	0.015		mg/l	10/23/96	1461230
	FILTERED	M036	Chromium, Dissolved	0.016		mg/l	01/24/97	1461574
	FILTERED	M036	Chromium, Dissolved	0.013		mg/l	04/22/97	1461636
		M054	Aluminum, Dissolved	0.74		mg/l	07/21/94	1000454
		M054	Aluminum, Dissolved	< 0.01		mg/l	04/19/94	1000512
		M054	Aluminum, Dissolved	< 0.10		mg/l	08/30/94	1000568
		M054	Aluminum, Dissolved	< 0.10		mg/l	09/29/94	1000582
		M054	Aluminum, Dissolved	< 0.10		mg/l	10/28/94	1000594
	FILTERED 1460314	M054	Aluminum, Dissolved	< 0.10		mg/l	02/03/95	1460232
	FILTERED 1460354	M054	Aluminum, Dissolved	< 0.10		mg/l	05/04/95	1460369
		M054	Aluminum, Dissolved	< 0.10		mg/l	07/18/95	1460446
	FILTERED 1460574	M054	Aluminum, Dissolved	0.12		mg/l	10/13/95	1460588
		M054	Aluminum, Dissolved	< 0.10		mg/l	02/01/96	1[illegible]3
	FILTERED 1460755	M054	Aluminum, Dissolved	< 0.10		mg/l	05/01/96	[illegible]4
	FILTERED	M054	Aluminum, Dissolved	< 0.10		mg/l	07/29/96	1460987
	FILTDUP 1460987	M054	Aluminum, Dissolved	< 0.10		mg/l	07/29/96	1460988
	FILTERED	M054	Aluminum, Dissolved	< 0.20		mg/l	10/23/96	1461230
	FILTERED	M054	Aluminum, Dissolved	< 0.2		mg/l	01/24/97	1461574
	FILTERED	M054	Aluminum, Dissolved	< 0.20		mg/l	04/22/97	1461636
			Inorganic Non-metals					
		I005	Chloride	56		mg/l	07/21/94	1000454
		I005	Chloride	49		mg/l	04/19/94	1000512
		I005	Chloride	67		mg/l	08/30/94	1000568
		I005	Chloride	56		mg/l	09/29/94	1000582
		I005	Chloride	51		mg/l	10/28/94	1000594
		I005	Chloride	31		mg/l	02/03/95	1460314
		I005	Chloride	37		mg/l	05/04/95	1460354
		I005	Chloride	67		mg/l	07/18/95	1460446
		I005	Chloride	48		mg/l	10/13/95	1460574
		I005	Chloride	37		mg/l	02/01/96	1460683
		I005	Chloride	30		mg/l	05/01/96	1460755
	FILTERED	I005	Chloride	43		mg/l	07/29/96	1460987
	FILTDUP 1460987	I005	Chloride	44		mg/l	07/29/96	1460988
	FILTERED	I005	Chloride	29.2		mg/l	10/23/96	1461230
	FILTERED	I005	Chloride	35.5		mg/l	01/24/97	1461574
	FILTERED	I005	Chloride	25.2		mg/l	04/22/97	1461636
		I009	Nitrogen, Ammonia	86		mg/l	07/21/94	1000454
		I009	Nitrogen, Ammonia	73		mg/l	04/19/94	1000512
		I009	Nitrogen, Ammonia	70		mg/l	08/30/94	1000568
		I009	Nitrogen, Ammonia	81		mg/l	09/29/94	1000582
		I009	Nitrogen, Ammonia	91		mg/l	10/28/94	1000594
		I009	Nitrogen, Ammonia	53		mg/l	02/03/95	1460314
		I009	Nitrogen, Ammonia	61		mg/l	05/04/95	1460354
		I009	Nitrogen, Ammonia	55		mg/l	07/18/95	1460446
		I009	Nitrogen, Ammonia	67		mg/l	10/13/95	1460574
		I009	Nitrogen, Ammonia	46		mg/l	02/01/96	1460683

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Inorganic Parameters
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
GW-35-S								
			Inorganic Non-metals					
		I009	Nitrogen, Ammonia	75		mg/l	05/01/96	1460755
	FILTERED	I009	Nitrogen, Ammonia	51		mg/l	07/29/96	1460987
	FILTDUP 1460987	I009	Nitrogen, Ammonia	48		mg/l	07/29/96	1460988
	FILTERED	I009	Nitrogen, Ammonia	53.7		mg/l	10/23/96	1461230
	FILTERED	I009	Nitrogen, Ammonia	39.6		mg/l	01/24/97	1461574
	FILTERED	I009	Nitrogen, Ammonia	1.56		mg/l	04/22/97	1461636
		I018	Sulfate as SO4	440		mg/l	07/21/94	1000454
		I018	Sulfate as SO4	390		mg/l	04/19/94	1000512
		I018	Sulfate as SO4	210		mg/l	08/30/94	1000568
		I018	Sulfate as SO4	370		mg/l	09/29/94	1000582
		I018	Sulfate as SO4	450		mg/l	10/28/94	1000594
		I018	Sulfate as SO4	500		mg/l	02/03/95	1460314
		I018	Sulfate as SO4	560		mg/l	05/04/95	1460354
		I018	Sulfate as SO4	500		mg/l	07/18/95	1460446
		I018	Sulfate as SO4	610		mg/l	10/13/95	1460574
		I018	Sulfate as SO4	760		mg/l	02/01/96	1460683
		I018	Sulfate as SO4	650		mg/l	05/01/96	1460755
	FILTERED	I018	Sulfate as SO4	490		mg/l	07/29/96	1460987
	FILTDUP 1460987	I018	Sulfate as SO4	490		mg/l	07/29/96	1460988
	FILTERED	I018	Sulfate as SO4	824		mg/l	10/23/96	1461230
	FILTERED	I018	Sulfate as SO4	698		mg/l	01/24/97	1461574
	FILTERED	I018	Sulfate as SO4	598		mg/l	04/22/97	1461636
			Physical Properties					
		F009	pH Laboratory	6.60		Std. Un	07/21/94	1000454
		F009	pH Laboratory	6.60		Std. Un	04/19/94	1000512
		F009	pH Laboratory	6.80		Std. Un	08/30/94	1000568
		F009	pH Laboratory	6.70		Std. Un	09/29/94	1000582
		F009	pH Laboratory	6.70		Std. Un	10/28/94	1000594
		F009	pH Laboratory	6.60		Std. Un	02/03/95	1460314
		F009	pH Laboratory	6.70		Std. Un	05/04/95	1460354
		F009	pH Laboratory	6.80		Std. Un	07/18/95	1460446
		F009	pH Laboratory	6.50		Std. Un	10/13/95	1460574
		F009	pH Laboratory	6.40		Std. Un	02/01/96	1460683
		F009	pH Laboratory	6.40		Std. Un	05/01/96	1460755
	FILTERED	F009	pH Laboratory	6.70		Std. Un	07/29/96	1460987
	FILTDUP 1460987	F009	pH Laboratory	6.70		Std. Un	07/29/96	1460988
	FILTERED	F009	pH Laboratory	6.50		Std. Un	10/23/96	1461230
	FILTERED	F009	pH Laboratory	6.60		Std. Un	01/24/97	1461574
	FILTERED	F009	pH Laboratory	6.79		Std. Un	04/22/97	1461636
		F037	pH Field	6.97		Std. Un	07/21/94	1000454
		F037	pH Field	6.30		Std. Un	04/19/94	1000512
		F037	pH Field	6.72		Std. Un	08/30/94	1000568
		F037	pH Field	7.00		Std. Un	09/29/94	1000582
		F037	pH Field	6.28		Std. Un	10/28/94	1000594
		F037	pH Field	6.28		Std. Un	02/03/95	1460314
		F037	pH Field	6.53		Std. Un	05/04/95	1460354
		F037	pH Field	6.93		Std. Un	07/18/95	1460446
		F037	pH Field	6.28		Std. Un	10/13/95	1460574
		F037	pH Field	5.95		Std. Un	02/01/96	1460683
	OPEX/KEMPORE	F037	pH Field	6.32		Std. Un	05/01/96	1461017
	FILTERED	F037	pH Field	6.68		Std. Un	10/23/96	1461230
	FILTERED	F037	pH Field	6.42		Std. Un	01/24/97	1461574
	FILTERED	F037	pH Field	6.53		Std. Un	04/22/97	1461636
		F062	Specific Conductance - Field	1350		umhos	07/21/94	1000454
		F062	Specific Conductance - Field	1590		umhos	04/19/94	1000512
		F062	Specific Conductance - Field	1230		umhos	08/30/94	1000568
		F062	Specific Conductance - Field	1220		umhos	09/29/94	1000582
		F062	Specific Conductance - Field	1310		umhos	10/28/94	1000594
		F062	Specific Conductance - Field	1490		umhos	02/03/95	1460314

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Inorganic Parameters
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
GW-35-S								
			Physical Properties					
		F062	Specific Conductance - Field	1390		umhos	05/04/95	1460354
		F062	Specific Conductance - Field	1570		umhos	07/18/95	1460446
		F062	Specific Conductance - Field	1670		umhos	10/13/95	1460574
	FILTERED	F062	Specific Conductance - Field	1660		umhos	07/29/96	1460987
	OPEX/KEMPORE	F062	Specific Conductance - Field	1490		umhos	05/01/96	1461017
	FILTERED	F062	Specific Conductance - Field	1930		umhos	10/23/96	1461230
	FILTERED	F062	Specific Conductance - Field	1620		umhos	01/24/97	1461574
	FILTERED	F062	Specific Conductance - Field	1690		umhos	04/22/97	1461636
		F064	Temperature - Field	12.6		deg. C	07/21/94	1000454
		F064	Temperature - Field	9.6		deg. C	04/19/94	1000512
		F064	Temperature - Field	13.4		deg. C	08/30/94	1000568
		F064	Temperature - Field	14.2		deg. C	09/29/94	1000582
		F064	Temperature - Field	14.7		deg. C	10/28/94	1000594
		F064	Temperature - Field	9.8		deg. C	02/03/95	1460314
		F064	Temperature - Field	10.1		deg. C	05/04/95	1460354
		F064	Temperature - Field	13.3		deg. C	07/18/95	1460446
		F064	Temperature - Field	14.9		deg. C	10/13/95	1460574
		F064	Temperature - Field	8.7		deg. C	02/01/96	1460683
	FILTERED	F064	Temperature - Field	12.1		deg. C	07/29/96	1460987
	OPEX/KEMPORE	F064	Temperature - Field	9.3		deg. C	05/01/96	1461017
	FILTERED	F064	Temperature - Field	14.6		deg. C	10/23/96	1461230
	FILTERED	F064	Temperature - Field	10.2		deg. C	01/24/97	1461574
	FILTERED	F064	Temperature - Field	8.2		deg. C	04/22/97	1461636
GW-36								
			Metals - Dissolved					
	FILTERED 1461314	M028	Arsenic, Dissolved	< 0.5		mg/l	01/13/95	[illegible]
	FILTERED 1461314	M029	Barium, Dissolved	0.018		mg/l	01/13/95	14[illegible]4
	FILTERED 1461314	M033	Calcium, Dissolved	620		mg/l	01/13/95	1460294
	FILTERED 1461314	M035	Hexavalent Chromium, Dissolved	55		mg/l	01/13/95	1460294
	FILTERED 1461314	M036	Chromium, Dissolved	1400		mg/l	01/13/95	1460294
	FILTERED 1461314	M040	Iron, Dissolved	3100		mg/l	01/13/95	1460294
	FILTERED 1461314	M042	Potassium, Dissolved	18		mg/l	01/13/95	1460294
	FILTERED 1461314	M044	Magnesium, Dissolved	1800		mg/l	01/13/95	1460294
	FILTERED 1461314	M045	Manganese, Dissolved	130		mg/l	01/13/95	1460294
	FILTERED 1461314	M047	Sodium, Dissolved	16000		mg/l	01/13/95	1460294
	FILTERED 1461314	M048	Lead, Dissolved	< 1		mg/l	01/13/95	1460294
	FILTERED 1461314	M054	Aluminum, Dissolved	2500		mg/l	01/13/95	1460294
	FILTERED 1461314	M109	Trivalent Chromium, Dissolved	1300		mg/l	01/13/95	1460294
	FILTERED 1461314	M111	Total Iron, Field	3010		mg/l	01/13/95	1460294
	FILTERED 1461314	M112	Iron as Fe+2 - Field	2210		mg/l	01/13/95	1460294
	FILTERED 1461314	M113	Iron as Fe+3 - Field	800		mg/l	01/13/95	1460294
	FILTERED 1461314	M114	Hexavalent Chromium, Field	0.01		mg/l	01/13/95	1460294
			Inorganic Non-metals					
	FILTERED 1461314	I005	Chloride	15000		mg/l	01/13/95	1460294
	FILTERED 1461314	I009	Nitrogen, Ammonia	5200		mg/l	01/13/95	1460294
	FILTERED 1461314	I012	Nitrate as N	19		mg/l	01/13/95	1460294
	FILTERED 1461314	I014	Nitrite as N	0.11		mg/l	01/13/95	1460294
	FILTERED 1461314	I017	Ortho Phosphate as Phosphorus	1.2		mg/l	01/13/95	1460294
	FILTERED 1461314	I018	Sulfate as SO4	72000		mg/l	01/13/95	1460294
	FILTERED 1461314	I026	Bicarbonate Alkalinity as CaCO3	< NR		mg/l	01/13/95	1460294
	FILTERED 1461314	I027	Carbonate Alkalinity as CaCO3	< NR		mg/l	01/13/95	1460294
	FILTERED 1461314	I030	Bromide	< 1000		mg/l	01/13/95	1460294
	FILTERED 1461314	I040	Silica as SiO2	75		mg/l	01/13/95	1460294
	FILTERED 1461314	I044	Phosphorous	31		mg/l	01/13/95	1460294
	FILTERED 1461314	I058	Sulfide	2		mg/l	01/13/95	1460294
		I059	Dissolved Oxygen, Field	27.5		mg/l	01/13/95	1461314
		I060	Eh Field	+425		mv	01/13/95	1461314
	FILTERED 1461314	I065	Acidity as CaCO3 - Field	24100		mg/l	01/13/95	1460294

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TABLE-22
Groundwater Analytical Results
Inorganic Parameters
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
GW-36								
			Inorganic Non-metals					
	FILTERED 1461314	I072	CO2 as C	124		mg/l	01/13/95	1460294
			Physical Properties					
	FILTERED 1461314	F007	Total Dissolved Solids (TDS)	98000		mg/l	01/13/95	1460294
		F037	pH Field	4.02		Std. Un	05/02/96	1461024
		F037	pH Field	3.62		Std. Un	01/13/95	1461314
	Pre-Purge Sample	F062	Specific Conductance - Field	69200		umhos	05/02/96	1460743
		F062	Specific Conductance - Field	68100		umhos	05/02/96	1461024
		F062	Specific Conductance - Field	80600		umhos	01/13/95	1461314
	Pre-Purge Sample	F064	Temperature - Field	10.5		deg. C	05/02/96	1460743
		F064	Temperature - Field	11.1		deg. C	05/02/96	1461024
		F064	Temperature - Field	10.8		deg. C	01/13/95	1461314
	Pre-Purge Sample	F066	Specific Gravity, Field	1.080		g/ml	05/02/96	1460743
GW-37								
			Physical Properties					
		F037	pH Field	3.98		Std. Un	05/02/96	1461025
	Pre-Purge Sample	F062	Specific Conductance - Field	59500		umhos	05/02/96	1460744
		F062	Specific Conductance - Field	53500		umhos	05/02/96	1461025
	Pre-Purge Sample	F064	Temperature - Field	10.5		deg. C	05/02/96	1460744
		F064	Temperature - Field	9.8		deg. C	05/02/96	1461025
	Pre-Purge Sample	F066	Specific Gravity, Field	1.050		g/ml	05/02/96	1460744
GW-39								
			Metals - Dissolved					
		M036	Chromium, Dissolved	< 0.015		mg/l	07/21/94	1000455
		M036	Chromium, Dissolved	< 0.015		mg/l	04/19/94	1000513
		M036	Chromium, Dissolved	< 0.015		mg/l	08/30/94	1000569
		M036	Chromium, Dissolved	< 0.015		mg/l	09/29/94	1000583
		M036	Chromium, Dissolved	< 0.015		mg/l	10/28/94	1000595
	FILTERED 1460317	M036	Chromium, Dissolved	< 0.015		mg/l	02/03/95	1460235
	FILTERED 1460347	M036	Chromium, Dissolved	< 0.015		mg/l	05/02/95	1460362
		M036	Chromium, Dissolved	< 0.015		mg/l	07/18/95	1460440
	FILTERED 1460575	M036	Chromium, Dissolved	< 0.015		mg/l	10/13/95	1460589
	FILTDUP 1460589	M036	Chromium, Dissolved	< 0.015		mg/l	10/13/95	1460590
		M036	Chromium, Dissolved	< 0.015		mg/l	02/01/96	1460684
	FILTERED 1460745	M036	Chromium, Dissolved	< 0.015		mg/l	05/01/96	1460834
	FILTDUP 1460834	M036	Chromium, Dissolved	< 0.015		mg/l	05/01/96	1460976
	FILTERED	M036	Chromium, Dissolved	< 0.015		mg/l	07/29/96	1460980
	FILTERED	M036	Chromium, Dissolved	< 0.010		mg/l	10/23/96	1461231
	FILTERED	M036	Chromium, Dissolved	< 0.010		mg/l	01/24/97	1461575
	FILTDUP 1461575	M036	Chromium, Dissolved	< 0.010		mg/l	01/24/97	1461578
	FILTERED	M036	Chromium, Dissolved	< 0.010		mg/l	04/22/97	1461637
	FILTDUP 1461637	M036	Chromium, Dissolved	< 0.010		mg/l	04/22/97	1461641
		M054	Aluminum, Dissolved	< 0.10		mg/l	07/21/94	1000455
		M054	Aluminum, Dissolved	0.45		mg/l	04/19/94	1000513
		M054	Aluminum, Dissolved	0.39		mg/l	08/30/94	1000569
		M054	Aluminum, Dissolved	< 0.10		mg/l	09/29/94	1000583
		M054	Aluminum, Dissolved	0.21		mg/l	10/28/94	1000595
	FILTERED 1460317	M054	Aluminum, Dissolved	0.14		mg/l	02/03/95	1460235
	FILTERED 1460347	M054	Aluminum, Dissolved	< 0.10		mg/l	05/02/95	1460362
		M054	Aluminum, Dissolved	< 0.10		mg/l	07/18/95	1460440
	FILTERED 1460575	M054	Aluminum, Dissolved	< 0.10		mg/l	10/13/95	1460589
	FILTDUP 1460589	M054	Aluminum, Dissolved	< 0.10		mg/l	10/13/95	1460590
		M054	Aluminum, Dissolved	0.45		mg/l	02/01/96	1460684
	FILTERED 1460745	M054	Aluminum, Dissolved	< 0.10		mg/l	05/01/96	1460834
	FILTDUP 1460834	M054	Aluminum, Dissolved	< 0.10		mg/l	05/01/96	1460976
	FILTERED	M054	Aluminum, Dissolved	< 0.20		mg/l	10/23/96	1461231
	FILTERED	M054	Aluminum, Dissolved	< 0.2		mg/l	01/24/97	1461575
	FILTDUP 1461575	M054	Aluminum, Dissolved	< 0.2		mg/l	01/24/97	1461578

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Inorganic Parameters
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID		Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
GW-39									
				Metals - Dissolved					
	FILTERED		M054	Aluminum, Dissolved	< 0.20		mg/l	04/22/97	1461637
	FILTDUP	1461637	M054	Aluminum, Dissolved	< 0.20		mg/l	04/22/97	1461641
				Inorganic Non-metals					
			I005	Chloride	16		mg/l	07/21/94	1000455
			I005	Chloride	10		mg/l	04/19/94	1000513
			I005	Chloride	40		mg/l	08/30/94	1000569
			I005	Chloride	44		mg/l	09/29/94	1000583
			I005	Chloride	31		mg/l	10/28/94	1000595
			I005	Chloride	28		mg/l	02/03/95	1460317
			I005	Chloride	21		mg/l	05/02/95	1460347
			I005	Chloride	37		mg/l	07/18/95	1460440
	DUP OF	1460575	I005	Chloride	40		mg/l	10/13/95	1460576
			I005	Chloride	33		mg/l	02/01/96	1460684
			I005	Chloride	11		mg/l	05/01/96	1460745
	DUP OF	1460745	I005	Chloride	18		mg/l	05/01/96	1460845
	FILTERED		I005	Chloride	33		mg/l	07/29/96	1460980
	FILTERED		I005	Chloride	45.4		mg/l	10/23/96	1461231
	FILTERED		I005	Chloride	25.0		mg/l	01/24/97	1461575
	FILTDUP	1461575	I005	Chloride	24.4		mg/l	01/24/97	1461578
	FILTERED		I005	Chloride	16.7		mg/l	04/22/97	1461637
	FILTDUP	1461637	I005	Chloride	16.7		mg/l	04/22/97	1461641
			I009	Nitrogen, Ammonia	0.63		mg/l	07/21/94	1000455
			I009	Nitrogen, Ammonia	0.59		mg/l	04/19/94	1000513
			I009	Nitrogen, Ammonia	0.24		mg/l	08/30/94	1000569
			I009	Nitrogen, Ammonia	0.24		mg/l	08/30/94	1000569
			I009	Nitrogen, Ammonia	0.29		mg/l	09/29/94	1[illegible]
			I009	Nitrogen, Ammonia	< 0.1		mg/l	10/28/94	1[illegible]
			I009	Nitrogen, Ammonia	0.53		mg/l	02/03/95	1[illegible]7
			I009	Nitrogen, Ammonia	0.43		mg/l	07/18/95	1460440
	DUP OF	1460575	I009	Nitrogen, Ammonia	< 1.0		mg/l	10/13/95	1460576
			I009	Nitrogen, Ammonia	0.51		mg/l	02/01/96	1460684
			I009	Nitrogen, Ammonia	0.69		mg/l	05/01/96	1460745
	DUP OF	1460745	I009	Nitrogen, Ammonia	0.70		mg/l	05/01/96	1460845
	FILTERED		I009	Nitrogen, Ammonia	0.53		mg/l	07/29/96	1460980
	FILTERED		I009	Nitrogen, Ammonia	0.53		mg/l	07/29/96	1460980
	FILTERED		I009	Nitrogen, Ammonia	0.44		mg/l	10/23/96	1461231
	FILTERED		I009	Nitrogen, Ammonia	0.63		mg/l	01/24/97	1461575
	FILTDUP	1461575	I009	Nitrogen, Ammonia	0.67		mg/l	01/24/97	1461578
	FILTERED		I009	Nitrogen, Ammonia	0.56		mg/l	04/22/97	1461637
	FILTDUP	1461637	I009	Nitrogen, Ammonia	0.56		mg/l	04/22/97	1461641
			I018	Sulfate as SO4	230		mg/l	07/21/94	1000455
			I018	Sulfate as SO4	420		mg/l	04/19/94	1000513
			I018	Sulfate as SO4	150		mg/l	08/30/94	1000569
			I018	Sulfate as SO4	130		mg/l	09/29/94	1000583
			I018	Sulfate as SO4	410		mg/l	10/28/94	1000595
			I018	Sulfate as SO4	190		mg/l	02/03/95	1460317
			I018	Sulfate as SO4	220		mg/l	05/02/95	1460347
			I018	Sulfate as SO4	98		mg/l	07/18/95	1460440
	DUP OF	1460575	I018	Sulfate as SO4	84		mg/l	10/13/95	1460576
			I018	Sulfate as SO4	220		mg/l	02/01/96	1460684
			I018	Sulfate as SO4	350		mg/l	05/01/96	1460745
	DUP OF	1460745	I018	Sulfate as SO4	360		mg/l	05/01/96	1460845
	FILTERED		I018	Sulfate as SO4	210		mg/l	07/29/96	1460980
	FILTERED		I018	Sulfate as SO4	191		mg/l	10/23/96	1461231
	FILTERED		I018	Sulfate as SO4	301		mg/l	01/24/97	1461575
	FILTDUP	1461575	I018	Sulfate as SO4	313		mg/l	01/24/97	1461578
	FILTERED		I018	Sulfate as SO4	323		mg/l	04/22/97	1461637
	FILTDUP	1461637	I018	Sulfate as SO4	330		mg/l	04/22/97	1461641

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Inorganic Parameters
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
GW-39								
			Physical Properties					
		F009	pH Laboratory	6.40		Std. Un	07/21/94	1000455
		F009	pH Laboratory	5.70		Std. Un	04/19/94	1000513
		F009	pH Laboratory	5.80		Std. Un	08/30/94	1000569
		F009	pH Laboratory	6.00		Std. Un	09/29/94	1000583
		F009	pH Laboratory	5.90		Std. Un	10/28/94	1000595
		F009	pH Laboratory	6.00		Std. Un	02/03/95	1460317
		F009	pH Laboratory	6.10		Std. Un	05/02/95	1460347
		F009	pH Laboratory	6.20		Std. Un	07/18/95	1460440
		F009	pH Laboratory	6.20		Std. Un	10/13/95	1460575
	DUP OF 1460575	F009	pH Laboratory	6.10		Std. Un	10/13/95	1460576
		F009	pH Laboratory	6.00		Std. Un	02/01/96	1460684
		F009	pH Laboratory	5.90		Std. Un	05/01/96	1460745
	DUP OF 1460745	F009	pH Laboratory	6.10		Std. Un	05/01/96	1460845
	FILTERED	F009	pH Laboratory	6.00		Std. Un	07/29/96	1460980
	FILTERED	F009	pH Laboratory	6.01		Std. Un	10/23/96	1461231
	FILTERED	F009	pH Laboratory	6.06		Std. Un	01/24/97	1461575
	FILTDUP 1461575	F009	pH Laboratory	6.05		Std. Un	01/24/97	1461578
	FILTERED	F009	pH Laboratory	6.31		Std. Un	04/22/97	1461637
	FILTDUP 1461637	F009	pH Laboratory	6.23		Std. Un	04/22/97	1461641
		F037	pH Field	6.34		Std. Un	07/21/94	1000455
		F037	pH Field	5.80		Std. Un	04/19/94	1000513
		F037	pH Field	6.08		Std. Un	08/30/94	1000569
		F037	pH Field	6.44		Std. Un	09/29/94	1000583
		F037	pH Field	5.42		Std. Un	10/28/94	1000595
		F037	pH Field	5.51		Std. Un	02/03/95	1460317
		F037	pH Field	5.50		Std. Un	05/02/95	1460347
		F037	pH Field	6.10		Std. Un	07/18/95	1460440
		F037	pH Field	5.56		Std. Un	10/13/95	1460575
		F037	pH Field	5.43		Std. Un	02/01/96	1460684
		F037	pH Field	5.47		Std. Un	05/01/96	1460745
	FILTERED	F037	pH Field	6.01		Std. Un	10/23/96	1461231
	FILTERED	F037	pH Field	5.66		Std. Un	01/24/97	1461575
	FILTERED	F037	pH Field	5.70		Std. Un	04/22/97	1461637
		F062	Specific Conductance - Field	507		umhos	07/21/94	1000455
		F062	Specific Conductance - Field	798		umhos	04/19/94	1000513
		F062	Specific Conductance - Field	470		umhos	08/30/94	1000569
		F062	Specific Conductance - Field	41		umhos	09/29/94	1000583
		F062	Specific Conductance - Field	700		umhos	10/28/94	1000595
		F062	Specific Conductance - Field	510		umhos	02/03/95	1460317
		F062	Specific Conductance - Field	597		umhos	05/02/95	1460347
		F062	Specific Conductance - Field	401		umhos	07/18/95	1460440
		F062	Specific Conductance - Field	457		umhos	10/13/95	1460575
		F062	Specific Conductance - Field	707		umhos	02/01/96	1460684
		F062	Specific Conductance - Field	881		umhos	05/01/96	1460745
	FILTERED	F062	Specific Conductance - Field	621		umhos	07/29/96	1460980
	FILTERED	F062	Specific Conductance - Field	537		umhos	10/23/96	1461231
	FILTERED	F062	Specific Conductance - Field	557		umhos	01/24/97	1461575
	FILTERED	F062	Specific Conductance - Field	702		umhos	04/22/97	1461637
		F064	Temperature - Field	12.4		deg. C	07/21/94	1000455
		F064	Temperature - Field	7.3		deg. C	04/19/94	1000513
		F064	Temperature - Field	13.4		deg. C	08/30/94	1000569
		F064	Temperature - Field	13		deg. C	09/29/94	1000583
		F064	Temperature - Field	11.9		deg. C	10/28/94	1000595
		F064	Temperature - Field	6.6		deg. C	02/03/95	1460317
		F064	Temperature - Field	7.5		deg. C	05/02/95	1460347
		F064	Temperature - Field	13		deg. C	07/18/95	1460440
		F064	Temperature - Field	12.7		deg. C	10/13/95	1460575
		F064	Temperature - Field	4.1		deg. C	02/01/96	1460684
		F064	Temperature - Field	7.7		deg. C	05/01/96	1460745

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Inorganic Parameters
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
GW-39								
			Physical Properties					
	FILTERED	F064	Temperature - Field	12.3		deg. C	07/29/96	1460980
	FILTERED	F064	Temperature - Field	11.9		deg. C	10/23/96	1461231
	FILTERED	F064	Temperature - Field	6.5		deg. C	01/24/97	1461575
	FILTERED	F064	Temperature - Field	6.9		deg. C	04/22/97	1461637
GW-40-D								
			Metals					
		M001	Aluminum	< 0.10		mg/l	10/17/95	1460621
		M003	Arsenic	< 0.005		mg/l	10/17/95	1460621
		M004	Barium	0.019		mg/l	10/17/95	1460621
		M007	Calcium	190	B	mg/l	10/17/95	1460621
		M008	Chromium	< 0.015		mg/l	10/17/95	1460621
		M011	Iron	< 0.16	u	mg/l	10/17/95	1460621
		M012	Lead	< 0.005		mg/l	10/17/95	1460621
		M013	Magnesium	11		mg/l	10/17/95	1460621
		M014	Manganese	1.9		mg/l	10/17/95	1460621
		M017	Potassium	5.1		mg/l	10/17/95	1460621
		M020	Sodium	190		mg/l	10/17/95	1460621
			Metals - Dissolved					
	FILTERED 1460330	M028	Arsenic, Dissolved	< 0.005		mg/l	01/11/95	1460177
	FILTERED 1460621	M028	Arsenic, Dissolved	< 0.005		mg/l	10/17/95	1460637
	FILTERED 1460330	M029	Barium, Dissolved	0.013		mg/l	01/11/95	1460177
	FILTERED 1460621	M029	Barium, Dissolved	0.018		mg/l	10/17/95	1460637
	FILTERED 1460330	M033	Calcium, Dissolved	230		mg/l	01/11/95	1460177
	FILTERED 1460621	M033	Calcium, Dissolved	170	B	mg/l	10/17/95	1460637
	FILTERED 1460330	M035	Hexavalent Chromium, Dissolved	< 0.015		mg/l	01/11/95	1[illegible]77
	FILTERED 1460621	M035	Hexavalent Chromium, Dissolved	< 0.015	uj	mg/l	10/17/95	1[illegible]
	FILTERED 1460330	M036	Chromium, Dissolved	< 0.015		mg/l	01/11/95	14[illegible]77
	FILTERED 1460621	M036	Chromium, Dissolved	< 0.015		mg/l	10/17/95	1460637
	FILTERED 1460330	M040	Iron, Dissolved	0.20		mg/l	01/11/95	1460177
	FILTERED 1460621	M040	Iron, Dissolved	< 0.11	u	mg/l	10/17/95	1460637
	FILTERED 1460330	M042	Potassium, Dissolved	7.8		mg/l	01/11/95	1460177
	FILTERED 1460621	M042	Potassium, Dissolved	4.3		mg/l	10/17/95	1460637
	FILTERED 1460330	M044	Magnesium, Dissolved	17		mg/l	01/11/95	1460177
	FILTERED 1460621	M044	Magnesium, Dissolved	9.7		mg/l	10/17/95	1460637
	FILTERED 1460330	M045	Manganese, Dissolved	3.5		mg/l	01/11/95	1460177
	FILTERED 1460621	M045	Manganese, Dissolved	1.7		mg/l	10/17/95	1460637
	FILTERED 1460330	M047	Sodium, Dissolved	190		mg/l	01/11/95	1460177
	FILTERED 1460621	M047	Sodium, Dissolved	100		mg/l	10/17/95	1460637
	FILTERED 1460330	M048	Lead, Dissolved	< 0.005		mg/l	01/11/95	1460177
	FILTERED 1460621	M048	Lead, Dissolved	< 0.005		mg/l	10/17/95	1460637
	FILTERED 1460330	M054	Aluminum, Dissolved	< 0.10		mg/l	01/11/95	1460177
	FILTERED 1460621	M054	Aluminum, Dissolved	< 0.10		mg/l	10/17/95	1460637
	FILTERED 1460330	M109	Trivalent Chromium, Dissolved	< 0.015		mg/l	01/11/95	1460177
	FILTERED 1460621	M109	Trivalent Chromium, Dissolved	< 0.015	uj	mg/l	10/17/95	1460637
	FILTERED 1460330	M111	Total Iron, Field	0.12		mg/l	01/11/95	1460177
	FILTERED 1460621	M111	Total Iron, Field	< 0.0		mg/l	10/17/95	1460637
	FILTERED 1460330	M112	Iron as Fe+2 - Field	0.03		mg/l	01/11/95	1460177
	FILTERED 1460621	M112	Iron as Fe+2 - Field	< 0.0		mg/l	10/17/95	1460637
	FILTERED 1460330	M113	Iron as Fe+3 - Field	0.09		mg/l	01/11/95	1460177
	FILTERED 1460621	M113	Iron as Fe+3 - Field	< 0.0		mg/l	10/17/95	1460637
	FILTERED 1460330	M114	Hexavalent Chromium, Field	0.01		mg/l	01/11/95	1460177
			Inorganic Non-metals					
	FILTERED 1460330	I005	Chloride	160		mg/l	01/11/95	1460177
	FILTERED 1460621	I005	Chloride	100		mg/l	10/17/95	1460637
	FILTERED 1460330	I009	Nitrogen, Ammonia	120		mg/l	01/11/95	1460177
		I009	Nitrogen, Ammonia	140		mg/l	10/17/95	1460621
	FILTERED 1460621	I009	Nitrogen, Ammonia	120		mg/l	10/17/95	1460637
	FILTERED 1460330	I012	Nitrate as N	0.36		mg/l	01/11/95	1460177

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Inorganic Parameters
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Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
GW-40-D								
			Inorganic Non-metals					
	FILTERED 1460621	I012	Nitrate as N	< 0.14	u	mg/l	10/17/95	1460637
	FILTERED 1460330	I014	Nitrite as N	< 0.05		mg/l	01/11/95	1460177
	FILTERED 1460621	I014	Nitrite as N	< 0.050	uj	mg/l	10/17/95	1460637
	FILTERED 1460330	I017	Ortho Phosphate as Phosphorus	0.07		mg/l	01/11/95	1460177
	FILTERED 1460621	I017	Ortho Phosphate as Phosphorus	0.05		mg/l	10/17/95	1460637
	FILTERED 1460330	I018	Sulfate as SO4	830		mg/l	01/11/95	1460177
	FILTERED 1460621	I018	Sulfate as SO4	860		mg/l	10/17/95	1460637
	FILTERED 1460330	I026	Bicarbonate Alkalinity as CaCO3	190		mg/l	01/11/95	1460177
	FILTERED 1460621	I026	Bicarbonate Alkalinity as CaCO3	200		mg/l	10/17/95	1460637
	FILTERED 1460330	I027	Carbonate Alkalinity as CaCO3	< 20		mg/l	01/11/95	1460177
	FILTERED 1460621	I027	Carbonate Alkalinity as CaCO3	< 20		mg/l	10/17/95	1460637
	FILTERED 1460330	I030	Bromide	2.3		mg/l	01/11/95	1460177
	FILTERED 1460621	I030	Bromide	< 10	u	mg/l	10/17/95	1460637
	FILTERED 1460330	I040	Silica as SiO2	2.4		mg/l	01/11/95	1460177
		I040	Silica as SiO2	1.8	j	mg/l	10/17/95	1460621
	FILTERED 1460621	I040	Silica as SiO2	1.6	j	mg/l	10/17/95	1460637
	FILTERED 1460330	I044	Phosphorous	< 0.1		mg/l	01/11/95	1460177
	FILTERED 1460621	I044	Phosphorous	< 0.10	uj	mg/l	10/17/95	1460637
	FILTERED 1460330	I058	Sulfide	3		mg/l	01/11/95	1460177
	FILTERED 1460621	I058	Sulfide	3		mg/l	10/17/95	1460637
		I059	Dissolved Oxygen, Field	< 0.0		mg/l	01/11/95	1460330
		I059	Dissolved Oxygen, Field	0.1		mg/l	10/17/95	1460621
		I060	Eh Field	+254		mv	01/11/95	1460330
		I060	Eh Field	+255		mv	10/17/95	1460621
	FILTERED 1460330	I067	Alkalinity - Field	160		mg/l	01/11/95	1460177
	FILTERED 1460621	I067	Alkalinity - Field	190		mg/l	10/17/95	1460637
			Physical Properties					
	FILTERED 1460330	F007	Total Dissolved Solids (TDS)	1300	j	mg/l	01/11/95	1460177
	FILTERED 1460621	F007	Total Dissolved Solids (TDS)	1300		mg/l	10/17/95	1460637
	FILTERED 1460330	F031	Viscosity	2.80		cpoise	01/11/95	1460177
		F037	pH Field	8.88		Std. Un	01/11/95	1460330
		F037	pH Field	8.16		Std. Un	10/17/95	1460621
		F062	Specific Conductance - Field	2210		umhos	01/11/95	1460330
		F062	Specific Conductance - Field	2550		umhos	10/17/95	1460621
		F064	Temperature - Field	10.4		deg. C	01/11/95	1460330
		F064	Temperature - Field	10.2		deg. C	10/17/95	1460621
GW-40-S								
			Metals					
		M001	Aluminum	0.68		mg/l	10/17/95	1460620
		M003	Arsenic	< 0.005		mg/l	10/17/95	1460620
		M004	Barium	0.038		mg/l	10/17/95	1460620
		M007	Calcium	12	B	mg/l	10/17/95	1460620
		M008	Chromium	< 0.015		mg/l	10/17/95	1460620
		M011	Iron	< 0.24	u	mg/l	10/17/95	1460620
		M012	Lead	< 0.005		mg/l	10/17/95	1460620
		M013	Magnesium	1.1		mg/l	10/17/95	1460620
		M014	Manganese	0.061		mg/l	10/17/95	1460620
		M017	Potassium	1.9		mg/l	10/17/95	1460620
		M020	Sodium	19		mg/l	10/17/95	1460620
			Metals - Dissolved					
	FILTERED 1460329	M028	Arsenic, Dissolved	< 0.005		mg/l	01/11/95	1460176
	FILTERED 1460620	M028	Arsenic, Dissolved	< 0.005		mg/l	10/17/95	1460636
	FILTERED 1460329	M029	Barium, Dissolved	0.086		mg/l	01/11/95	1460176
	FILTERED 1460620	M029	Barium, Dissolved	0.038		mg/l	10/17/95	1460636
	FILTERED 1460329	M033	Calcium, Dissolved	14		mg/l	01/11/95	1460176
	FILTERED 1460620	M033	Calcium, Dissolved	12	B	mg/l	10/17/95	1460636
	FILTERED 1460329	M035	Hexavalent Chromium, Dissolved	< 0.015	uj	mg/l	01/11/95	1460176
	FILTERED 1460620	M035	Hexavalent Chromium, Dissolved	< 0.015	uj	mg/l	10/17/95	1460636

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TABLE-22
Groundwater Analytical Results
Inorganic Parameters
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
GW-40-S								
			Metals - Dissolved					
	FILTERED 1460329	M036	Chromium, Dissolved	< 0.015		mg/l	01/11/95	1460176
	FILTERED 1460620	M036	Chromium, Dissolved	< 0.015		mg/l	10/17/95	1460636
	FILTERED 1460329	M040	Iron, Dissolved	< 0.025		mg/l	01/11/95	1460176
	FILTERED 1460620	M040	Iron, Dissolved	< 0.037	u	mg/l	10/17/95	1460636
	FILTERED 1460329	M042	Potassium, Dissolved	2	j	mg/l	01/11/95	1460176
	FILTERED 1460620	M042	Potassium, Dissolved	1.5		mg/l	10/17/95	1460636
	FILTERED 1460329	M044	Magnesium, Dissolved	1.7		mg/l	01/11/95	1460176
	FILTERED 1460620	M044	Magnesium, Dissolved	1.1		mg/l	10/17/95	1460636
	FILTERED 1460329	M045	Manganese, Dissolved	0.17		mg/l	01/11/95	1460176
	FILTERED 1460620	M045	Manganese, Dissolved	0.057		mg/l	10/17/95	1460636
	FILTERED 1460329	M047	Sodium, Dissolved	47		mg/l	01/11/95	1460176
	FILTERED 1460620	M047	Sodium, Dissolved	18		mg/l	10/17/95	1460636
	FILTERED 1460329	M048	Lead, Dissolved	< 0.005		mg/l	01/11/95	1460176
	FILTERED 1460620	M048	Lead, Dissolved	< 0.005		mg/l	10/17/95	1460636
	FILTERED 1460329	M054	Aluminum, Dissolved	1.7		mg/l	01/11/95	1460176
	FILTERED 1460620	M054	Aluminum, Dissolved	0.50		mg/l	10/17/95	1460636
	FILTERED 1460329	M109	Trivalent Chromium, Dissolved	< 0.015		mg/l	01/11/95	1460176
	FILTERED 1460620	M109	Trivalent Chromium, Dissolved	< 0.015	uj	mg/l	10/17/95	1460636
	FILTERED 1460329	M111	Total Iron, Field	0.05		mg/l	01/11/95	1460176
	FILTERED 1460620	M111	Total Iron, Field	0.01		mg/l	10/17/95	1460636
	FILTERED 1460329	M112	Iron as Fe+2 - Field	0.02		mg/l	01/11/95	1460176
	FILTERED 1460620	M112	Iron as Fe+2 - Field	< 0.0		mg/l	10/17/95	1460636
	FILTERED 1460329	M113	Iron as Fe+3 - Field	0.03		mg/l	01/11/95	1460176
	FILTERED 1460620	M113	Iron as Fe+3 - Field	0.01		mg/l	10/17/95	1460636
	FILTERED 1460329	M114	Hexavalent Chromium, Field	< 0.0		mg/l	01/11/95	1460176
			Inorganic Non-metals					
	FILTERED 1460329	I005	Chloride	90		mg/l	01/11/95	1 [illegible]
	FILTERED 1460620	I005	Chloride	24		mg/l	10/17/95	14[illegible]6
	FILTERED 1460329	I009	Nitrogen, Ammonia	0.06		mg/l	01/11/95	1460176
		I009	Nitrogen, Ammonia	< 0.05		mg/l	10/17/95	1460620
	FILTERED 1460620	I009	Nitrogen, Ammonia	< 0.05		mg/l	10/17/95	1460636
	FILTERED 1460329	I012	Nitrate as N	0.38		mg/l	01/11/95	1460176
	FILTERED 1460620	I012	Nitrate as N	< 0.32	u	mg/l	10/17/95	1460636
	FILTERED 1460329	I014	Nitrite as N	< 0.05	uj	mg/l	01/11/95	1460176
	FILTERED 1460620	I014	Nitrite as N	< 0.050	uj	mg/l	10/17/95	1460636
	FILTERED 1460329	I017	Ortho Phosphate as Phosphorus	< 0.02		mg/l	01/11/95	1460176
	FILTERED 1460620	I017	Ortho Phosphate as Phosphorus	< 0.02		mg/l	10/17/95	1460636
	FILTERED 1460329	I018	Sulfate as SO4	33		mg/l	01/11/95	1460176
	FILTERED 1460620	I018	Sulfate as SO4	42		mg/l	10/17/95	1460636
	FILTERED 1460329	I026	Bicarbonate Alkalinity as CaCO3	< 20		mg/l	01/11/95	1460176
	FILTERED 1460620	I026	Bicarbonate Alkalinity as CaCO3	< 20		mg/l	10/17/95	1460636
	FILTERED 1460329	I027	Carbonate Alkalinity as CaCO3	< 20		mg/l	01/11/95	1460176
	FILTERED 1460620	I027	Carbonate Alkalinity as CaCO3	< 20		mg/l	10/17/95	1460636
	FILTERED 1460329	I030	Bromide	< 2		mg/l	01/11/95	1460176
	FILTERED 1460620	I030	Bromide	< 1		mg/l	10/17/95	1460636
	FILTERED 1460329	I040	Silica as SiO2	3		mg/l	01/11/95	1460176
		I040	Silica as SiO2	2.7	j	mg/l	10/17/95	1460620
	FILTERED 1460620	I040	Silica as SiO2	2.6	j	mg/l	10/17/95	1460636
	FILTERED 1460329	I044	Phosphorous	0.15	j	mg/l	01/11/95	1460176
	FILTERED 1460620	I044	Phosphorous	< 0.10	uj	mg/l	10/17/95	1460636
	FILTERED 1460329	I058	Sulfide	< 1		mg/l	01/11/95	1460176
	FILTERED 1460620	I058	Sulfide	< 1		mg/l	10/17/95	1460636
		I059	Dissolved Oxygen, Field	6		mg/l	01/11/95	1460329
		I059	Dissolved Oxygen, Field	7.5		mg/l	10/17/95	1460620
		I060	Eh Field	+449		mv	01/11/95	1460329
		I060	Eh Field	+346		mv	10/17/95	1460620
	FILTERED 1460329	I067	Alkalinity - Field	2.2		mg/l	01/11/95	1460176
	FILTERED 1460620	I067	Alkalinity - Field	7		mg/l	10/17/95	1460636

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TABLE-22
Groundwater Analytical Results
Inorganic Parameters
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
GW-40-S								
			Physical Properties					
	FILTERED 1460329	F007	Total Dissolved Solids (TDS)	220		mg/l	01/11/95	1460176
	FILTERED 1460620	F007	Total Dissolved Solids (TDS)	< 120	u	mg/l	10/17/95	1460636
		F037	pH Field	6.15		Std. Un	01/11/95	1460329
		F037	pH Field	4.95		Std. Un	10/17/95	1460620
		F062	Specific Conductance - Field	323		umhos	01/11/95	1460329
		F062	Specific Conductance - Field	200		umhos	10/17/95	1460620
		F064	Temperature - Field	10.5		deg. C	01/11/95	1460329
		F064	Temperature - Field	13.4		deg. C	10/17/95	1460620
GW-42-D								
			Metals					
		M001	Aluminum	1500		mg/l	10/17/95	1460611
	DUP OF 1460611	M001	Aluminum	1500		mg/l	10/17/95	1460612
		M003	Arsenic	< 10	uj	mg/l	10/17/95	1460611
	DUP OF 1460611	M003	Arsenic	< 10	uj	mg/l	10/17/95	1460612
		M004	Barium	< 0.050	uj	mg/l	10/17/95	1460611
	DUP OF 1460611	M004	Barium	< 0.050	uj	mg/l	10/17/95	1460612
		M007	Calcium	370	B	mg/l	10/17/95	1460611
	DUP OF 1460611	M007	Calcium	370	Bj	mg/l	10/17/95	1460612
		M008	Chromium	2800		mg/l	10/17/95	1460611
	DUP OF 1460611	M008	Chromium	2600		mg/l	10/17/95	1460612
		M011	Iron	1400		mg/l	10/17/95	1460611
	DUP OF 1460611	M011	Iron	1400		mg/l	10/17/95	1460612
		M012	Lead	0.17	j	mg/l	10/17/95	1460611
	DUP OF 1460611	M012	Lead	0.17	j	mg/l	10/17/95	1460612
		M013	Magnesium	840		mg/l	10/17/95	1460611
	DUP OF 1460611	M013	Magnesium	870	j	mg/l	10/17/95	1460612
		M014	Manganese	580		mg/l	10/17/95	1460611
	DUP OF 1460611	M014	Manganese	600		mg/l	10/17/95	1460612
		M017	Potassium	98	j	mg/l	10/17/95	1460611
	DUP OF 1460611	M017	Potassium	73	j	mg/l	10/17/95	1460612
		M020	Sodium	22000		mg/l	10/17/95	1460611
	DUP OF 1460611	M020	Sodium	21000		mg/l	10/17/95	1460612
			Metals - Dissolved					
	FILTERED 1460332	M028	Arsenic, Dissolved	< 0.5	uj	mg/l	01/11/95	1460179
	FILTERED 1460611	M028	Arsenic, Dissolved	< 10	uj	mg/l	10/17/95	1460627
	FILTDUP 1460627	M028	Arsenic, Dissolved	< 10	uj	mg/l	10/17/95	1460628
	FILTERED 1460332	M029	Barium, Dissolved	0.046		mg/l	01/11/95	1460179
	FILTERED 1460611	M029	Barium, Dissolved	< 1.0	uj	mg/l	10/17/95	1460627
	FILTDUP 1460627	M029	Barium, Dissolved	< 1.0	uj	mg/l	10/17/95	1460628
	FILTERED 1460332	M033	Calcium, Dissolved	580		mg/l	01/11/95	1460179
	FILTERED 1460611	M033	Calcium, Dissolved	440	j	mg/l	10/17/95	1460627
	FILTDUP 1460627	M033	Calcium, Dissolved	560	j	mg/l	10/17/95	1460628
	FILTERED 1460332	M035	Hexavalent Chromium, Dissolved	0.01	r	mg/l	01/11/95	1460179
	FILTERED 1460611	M035	Hexavalent Chromium, Dissolved	6.4		mg/l	10/17/95	1460627
	FILTDUP 1460627	M035	Hexavalent Chromium, Dissolved	6.4		mg/l	10/17/95	1460628
	FILTERED 1460332	M036	Chromium, Dissolved	3500		mg/l	01/11/95	1460179
	PRE-PURGE	M036	Chromium, Dissolved	5200		mg/l	01/11/95	1460193
	FILTERED 1460611	M036	Chromium, Dissolved	2600		mg/l	10/17/95	1460627
	FILTDUP 1460627	M036	Chromium, Dissolved	2900		mg/l	10/17/95	1460628
	FILTERED 1460332	M040	Iron, Dissolved	2100		mg/l	01/11/95	1460179
	FILTERED 1460611	M040	Iron, Dissolved	1600		mg/l	10/17/95	1460627
	FILTERED 1460611	M040	Iron, Dissolved	< 60.0	uj	mg/l	10/17/95	1460627
	FILTDUP 1460627	M040	Iron, Dissolved	1800		mg/l	10/17/95	1460628
	FILTERED 1460332	M042	Potassium, Dissolved	85	j	mg/l	01/11/95	1460179
	FILTERED 1460611	M042	Potassium, Dissolved	< 60	uj	mg/l	10/17/95	1460627
	FILTDUP 1460627	M042	Potassium, Dissolved	62		mg/l	10/17/95	1460628
	FILTERED 1460332	M044	Magnesium, Dissolved	1100		mg/l	01/11/95	1460179
	FILTERED 1460611	M044	Magnesium, Dissolved	1100		mg/l	10/17/95	1460627

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TABLE-22
Groundwater Analytical Results
Inorganic Parameters
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
GW-42-D								
			Metals - Dissolved					
	FILTDUP 1460627	M044	Magnesium, Dissolved	1200	j	mg/l	10/17/95	1460628
	FILTERED 1460332	M045	Manganese, Dissolved	570		mg/l	01/11/95	1460179
	FILTDUP 1460627	M045	Manganese, Dissolved	550		mg/l	10/17/95	1460628
	FILTERED 1460332	M047	Sodium, Dissolved	23000		mg/l	01/11/95	1460179
	FILTERED 1460611	M047	Sodium, Dissolved	19000		mg/l	10/17/95	1460627
	FILTDUP 1460627	M047	Sodium, Dissolved	21000		mg/l	10/17/95	1460628
	FILTERED 1460332	M048	Lead, Dissolved	< 1		mg/l	01/11/95	1460179
	FILTERED 1460611	M048	Lead, Dissolved	< 1.0	uj	mg/l	10/17/95	1460627
	FILTDUP 1460627	M048	Lead, Dissolved	< 1.0	uj	mg/l	10/17/95	1460628
	FILTERED 1460332	M054	Aluminum, Dissolved	2100		mg/l	01/11/95	1460179
	FILTERED 1460611	M054	Aluminum, Dissolved	1800		mg/l	10/17/95	1460627
	FILTDUP 1460627	M054	Aluminum, Dissolved	2000		mg/l	10/17/95	1460628
	FILTERED 1460332	M109	Trivalent Chromium, Dissolved	3300	r	mg/l	01/11/95	1460179
	FILTERED 1460611	M109	Trivalent Chromium, Dissolved	2600		mg/l	10/17/95	1460627
	FILTDUP 1460627	M109	Trivalent Chromium, Dissolved	2900		mg/l	10/17/95	1460628
	FILTERED 1460332	M111	Total Iron, Field	1484		mg/l	01/11/95	1460179
	FILTERED 1460611	M111	Total Iron, Field	1590		mg/l	10/17/95	1460627
	FILTERED 1460332	M112	Iron as Fe+2 - Field	1250		mg/l	01/11/95	1460179
	FILTERED 1460611	M112	Iron as Fe+2 - Field	1390		mg/l	10/17/95	1460627
	FILTERED 1460332	M113	Iron as Fe+3 - Field	234		mg/l	01/11/95	1460179
	FILTERED 1460611	M113	Iron as Fe+3 - Field	200		mg/l	10/17/95	1460627
	FILTERED 1460332	M114	Hexavalent Chromium, Field	0.01		mg/l	01/11/95	1460179
	FILTERED 1460611	M114	Hexavalent Chromium, Field	< 0.0		mg/l	10/17/95	1460627
			Inorganic Non-metals					
	FILTERED 1460332	I005	Chloride	24000		mg/l	01/11/95	1460179
	PRE-PURGE	I005	Chloride	21000		mg/l	01/11/95	14[illegible]
	FILTERED 1460611	I005	Chloride	18000		mg/l	10/17/95	1[illegible]
	FILTDUP 1460627	I005	Chloride	18000		mg/l	10/17/95	14[illegible]8
	FILTERED 1460332	I009	Nitrogen, Ammonia	7100		mg/l	01/11/95	1460179
	PRE-PURGE	I009	Nitrogen, Ammonia	5900		mg/l	01/11/95	1460193
		I009	Nitrogen, Ammonia	7000		mg/l	10/17/95	1460611
	DUP OF 1460611	I009	Nitrogen, Ammonia	7000		mg/l	10/17/95	1460612
	FILTERED 1460611	I009	Nitrogen, Ammonia	7300		mg/l	10/17/95	1460627
	FILTDUP 1460627	I009	Nitrogen, Ammonia	7500		mg/l	10/17/95	1460628
	FILTERED 1460332	I012	Nitrate as N	14		mg/l	01/11/95	1460179
	FILTERED 1460611	I012	Nitrate as N	3.9	j	mg/l	10/17/95	1460627
	FILTDUP 1460627	I012	Nitrate as N	3.6	j	mg/l	10/17/95	1460628
	FILTERED 1460332	I014	Nitrite as N	0.24	j	mg/l	01/11/95	1460179
	FILTERED 1460611	I014	Nitrite as N	1.2	j	mg/l	10/17/95	1460627
	FILTDUP 1460627	I014	Nitrite as N	1.8	j	mg/l	10/17/95	1460628
	FILTERED 1460332	I017	Ortho Phosphate as Phosphorus	0.3		mg/l	01/11/95	1460179
	FILTERED 1460611	I017	Ortho Phosphate as Phosphorus	0.9		mg/l	10/17/95	1460627
	FILTDUP 1460627	I017	Ortho Phosphate as Phosphorus	1		mg/l	10/17/95	1460628
	FILTERED 1460332	I018	Sulfate as SO4	74000		mg/l	01/11/95	1460179
	FILTERED 1460611	I018	Sulfate as SO4	54000	j	mg/l	10/17/95	1460627
	FILTDUP 1460627	I018	Sulfate as SO4	35000	j	mg/l	10/17/95	1460628
	FILTERED 1460332	I026	Bicarbonate Alkalinity as CaCO3	< NR		mg/l	01/11/95	1460179
	FILTERED 1460611	I026	Bicarbonate Alkalinity as CaCO3	< NR		mg/l	10/17/95	1460627
	FILTDUP 1460627	I026	Bicarbonate Alkalinity as CaCO3	< NR		mg/l	10/17/95	1460628
	FILTERED 1460332	I027	Carbonate Alkalinity as CaCO3	< NR		mg/l	01/11/95	1460179
	FILTERED 1460611	I027	Carbonate Alkalinity as CaCO3	< NR		mg/l	10/17/95	1460627
	FILTDUP 1460627	I027	Carbonate Alkalinity as CaCO3	< NR		mg/l	10/17/95	1460628
	FILTERED 1460332	I030	Bromide	< 500		mg/l	01/11/95	1460179
	FILTERED 1460611	I030	Bromide	< 50		mg/l	10/17/95	1460627
	FILTDUP 1460627	I030	Bromide	< 50		mg/l	10/17/95	1460628
	FILTERED 1460332	I040	Silica as SiO2	120		mg/l	01/11/95	1460179
		I040	Silica as SiO2	100		mg/l	10/17/95	1460611
	DUP OF 1460611	I040	Silica as SiO2	95		mg/l	10/17/95	1460612
	FILTERED 1460611	I040	Silica as SiO2	87		mg/l	10/17/95	1460627

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TABLE-22
Groundwater Analytical Results
Inorganic Parameters
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
GW-42-D								
			Inorganic Non-metals					
	FILTDUP 1460627	I040	Silica as SiO2	96		mg/l	10/17/95	1460628
	FILTERED 1460332	I044	Phosphorous	35	j	mg/l	01/11/95	1460179
	FILTERED 1460611	I044	Phosphorous	18	j	mg/l	10/17/95	1460627
	FILTDUP 1460627	I044	Phosphorous	27	j	mg/l	10/17/95	1460628
	FILTERED 1460332	I058	Sulfide	4		mg/l	01/11/95	1460179
	FILTERED 1460611	I058	Sulfide	< 4		mg/l	10/17/95	1460627
	FILTDUP 1460627	I058	Sulfide	< 4		mg/l	10/17/95	1460628
		I059	Dissolved Oxygen, Field	47.8		mg/l	01/11/95	1460332
		I059	Dissolved Oxygen, Field	0.1		mg/l	10/17/95	1460611
		I060	Eh Field	+466		mv	01/11/95	1460332
		I060	Eh Field	+461		mv	10/17/95	1460611
	FILTERED 1460611	I067	Alkalinity - Field	< NR		mg/l	10/17/95	1460627
	FILTERED 1460332	I072	CO2 as C	104		mg/l	01/11/95	1460179
			Physical Properties					
	FILTERED 1460332	F007	Total Dissolved Solids (TDS)	97000	j	mg/l	01/11/95	1460179
	FILTERED 1460611	F007	Total Dissolved Solids (TDS)	73000		mg/l	10/17/95	1460627
	FILTDUP 1460627	F007	Total Dissolved Solids (TDS)	89000		mg/l	10/17/95	1460628
		F024	Specific Gravity	1.095		g/ml	04/10/97	1461607
	FILTERED 1460611	F031	Viscosity	3.50		cpoise	10/17/95	1460627
	FILTDUP 1460627	F031	Viscosity	4.00		cpoise	10/17/95	1460628
		F031	Viscosity	1.69		cpoise	04/10/97	1461607
		F037	pH Field	3.38		Std. Un	01/11/95	1460332
		F037	pH Field	3.57		Std. Un	10/17/95	1460611
		F037	pH Field	3.53		Std. Un	01/31/96	1460689
		F062	Specific Conductance - Field	92100		umhos	01/11/95	1460332
		F062	Specific Conductance - Field	97700		umhos	10/17/95	1460611
		F062	Specific Conductance - Field	60100		umhos	05/01/96	1461009
		F064	Temperature - Field	11.6		deg. C	01/11/95	1460332
		F064	Temperature - Field	11.6		deg. C	10/17/95	1460611
		F064	Temperature - Field	16.2		deg. C	05/01/96	1461009
		F066	Specific Gravity, Field	1.1		g/ml	01/11/95	1460332
		F066	Specific Gravity, Field	1.085		g/ml	05/01/96	1461009
GW-42-S								
			Metals					
		M001	Aluminum	0.39		mg/l	10/17/95	1460610
		M003	Arsenic	< 0.005		mg/l	10/17/95	1460610
		M004	Barium	0.032		mg/l	10/17/95	1460610
		M007	Calcium	4.5	B	mg/l	10/17/95	1460610
		M008	Chromium	< 0.015		mg/l	02/01/95	1460220
		M008	Chromium	< 0.015		mg/l	05/03/95	1460400
		M008	Chromium	< 0.015		mg/l	07/19/95	1460464
		M008	Chromium	< 0.015		mg/l	10/17/95	1460610
		M008	Chromium	< 0.015		mg/l	10/18/95	1460664
		M011	Iron	14		mg/l	10/17/95	1460610
		M012	Lead	< 0.005		mg/l	10/17/95	1460610
		M013	Magnesium	1.5		mg/l	10/17/95	1460610
		M014	Manganese	0.85	j	mg/l	10/17/95	1460610
		M017	Potassium	1.1		mg/l	10/17/95	1460610
		M020	Sodium	41		mg/l	10/17/95	1460610
		M056	Trivalent Chromium	< 0.015		mg/l	02/01/95	1460220
		M056	Trivalent Chromium	< 0.015		mg/l	05/03/95	1460400
		M056	Trivalent Chromium	< 0.015		mg/l	07/19/95	1460464
		M056	Trivalent Chromium	< 0.015		mg/l	10/18/95	1460664
		M057	Hexavalent Chromium	< 0.015		mg/l	02/01/95	1460220
		M057	Hexavalent Chromium	< 0.015		mg/l	05/03/95	1460400
		M057	Hexavalent Chromium	< 0.015		mg/l	07/19/95	1460464
		M057	Hexavalent Chromium	< 0.015		mg/l	10/18/95	1460664
		M111	Total Iron, Field	3.5		mg/l	02/01/95	1460220

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TABLE-22
Groundwater Analytical Results
Inorganic Parameters
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
GW-42-S			Metals - Dissolved					
	FILTDUP 1461232	F009	pH Laboratory	5.27		Std. Un	10/23/96	1461233
	FILTERED 1460331	M028	Arsenic, Dissolved	< 0.005		mg/l	01/11/95	1460178
	FILTERED 1460220	M028	Arsenic, Dissolved	< 0.005		mg/l	02/01/95	1460267
	FILTERED 1460400	M028	Arsenic, Dissolved	< 0.005		mg/l	05/03/95	1460381
	FILTERED 1460464	M028	Arsenic, Dissolved	< 0.005		mg/l	07/19/95	1460452
	FILTERED 1460610	M028	Arsenic, Dissolved	< 0.005		mg/l	10/17/95	1460626
	FILTERED 1460664	M028	Arsenic, Dissolved	< 0.005		mg/l	10/18/95	1460647
	FILTERED 1461265	M028	Arsenic, Dissolved	< 0.010		mg/l	10/16/96	1461306
	FILTDUP 1461306	M028	Arsenic, Dissolved	< 0.010		mg/l	10/16/96	1461313
	FILTERED 1460331	M029	Barium, Dissolved	0.023		mg/l	01/11/95	1460178
	FILTERED 1460220	M029	Barium, Dissolved	0.029		mg/l	02/01/95	1460267
	FILTERED 1460400	M029	Barium, Dissolved	0.029		mg/l	05/03/95	1460381
	FILTERED 1460464	M029	Barium, Dissolved	0.044		mg/l	07/19/95	1460452
	FILTERED 1460610	M029	Barium, Dissolved	0.031		mg/l	10/17/95	1460626
	FILTERED 1460664	M029	Barium, Dissolved	0.031		mg/l	10/18/95	1460647
	FILTERED 1461265	M029	Barium, Dissolved	< 0.20		mg/l	10/16/96	1461306
	FILTDUP 1461306	M029	Barium, Dissolved	< 0.20		mg/l	10/16/96	1461313
	FILTERED 1461265	M031	Beryllium, Dissolved	< 0.005		mg/l	10/16/96	1461306
	FILTDUP 1461306	M031	Beryllium, Dissolved	< 0.005		mg/l	10/16/96	1461313
	FILTERED 1461265	M032	Silver, Dissolved	< 0.01		mg/l	10/16/96	1461306
	FILTDUP 1461306	M032	Silver, Dissolved	< 0.01		mg/l	10/16/96	1461313
	FILTERED 1460331	M033	Calcium, Dissolved	6.9		mg/l	01/11/95	1460178
	FILTERED 1460220	M033	Calcium, Dissolved	7.9		mg/l	02/01/95	1460267
	FILTERED 1460400	M033	Calcium, Dissolved	8.1		mg/l	05/03/95	1460381
	FILTERED 1460464	M033	Calcium, Dissolved	7.1		mg/l	07/19/95	1460452
	FILTERED 1460610	M033	Calcium, Dissolved	4.7		mg/l	10/17/95	1[illegible]6
	FILTERED 1460664	M033	Calcium, Dissolved	4.4		mg/l	10/18/95	1[illegible]7
	FILTERED 1461265	M033	Calcium, Dissolved	8.1		mg/l	10/16/96	14[illegible]06
	FILTDUP 1461306	M033	Calcium, Dissolved	7.95		mg/l	10/16/96	1461313
	FILTERED 1461265	M034	Cadmium, Dissolved	< 0.005		mg/l	10/16/96	1461306
	FILTDUP 1461306	M034	Cadmium, Dissolved	< 0.005		mg/l	10/16/96	1461313
	FILTERED 1460331	M035	Hexavalent Chromium, Dissolved	< 0.015	uj	mg/l	01/11/95	1460178
	FILTERED 1460220	M035	Hexavalent Chromium, Dissolved	< 0.015		mg/l	02/01/95	1460267
	FILTERED 1460400	M035	Hexavalent Chromium, Dissolved	< 0.015		mg/l	05/03/95	1460381
	FILTERED 1460464	M035	Hexavalent Chromium, Dissolved	< 0.015		mg/l	07/19/95	1460452
	FILTERED 1460610	M035	Hexavalent Chromium, Dissolved	< 0.015	uj	mg/l	10/17/95	1460626
	FILTERED 1460664	M035	Hexavalent Chromium, Dissolved	< 0.015		mg/l	10/18/95	1460647
		M036	Chromium, Dissolved	0.019		mg/l	07/21/94	1000456
		M036	Chromium, Dissolved	0.055		mg/l	04/19/94	1000514
		M036	Chromium, Dissolved	< 0.015		mg/l	08/30/94	1000570
		M036	Chromium, Dissolved	< 0.015		mg/l	09/29/94	1000584
		M036	Chromium, Dissolved	< 0.015		mg/l	10/28/94	1000596
	FILTERED 1460331	M036	Chromium, Dissolved	< 0.015		mg/l	01/11/95	1460178
	FILTERED 1460313	M036	Chromium, Dissolved	< 0.015		mg/l	02/03/95	1460231
	FILTERED 1460220	M036	Chromium, Dissolved	< 0.015		mg/l	02/01/95	1460267
	FILTERED 1460351	M036	Chromium, Dissolved	< 0.015		mg/l	05/04/95	1460366
	FILTERED 1460400	M036	Chromium, Dissolved	< 0.015		mg/l	05/03/95	1460381
		M036	Chromium, Dissolved	< 0.015		mg/l	07/18/95	1460439
	FILTERED 1460464	M036	Chromium, Dissolved	< 0.015		mg/l	07/19/95	1460452
	FILTERED 1460577	M036	Chromium, Dissolved	< 0.015		mg/l	10/13/95	1460591
	FILTERED 1460610	M036	Chromium, Dissolved	< 0.015		mg/l	10/17/95	1460626
	FILTERED 1460664	M036	Chromium, Dissolved	< 0.015		mg/l	10/18/95	1460647
		M036	Chromium, Dissolved	< 0.015		mg/l	02/01/96	1460677
	DUP OF 1460677	M036	Chromium, Dissolved	< 0.015		mg/l	02/01/96	1460687
	FILTERED 1460751	M036	Chromium, Dissolved	< 0.015		mg/l	05/01/96	1460840
	FILTERED	M036	Chromium, Dissolved	< 0.015		mg/l	07/29/96	1460979
	FILTERED	M036	Chromium, Dissolved	0.010		mg/l	10/23/96	1461232
	FILTDUP 1461232	M036	Chromium, Dissolved	0.012		mg/l	10/23/96	1461233
	FILTERED 1461265	M036	Chromium, Dissolved	< 0.01		mg/l	10/16/96	1461306

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TABLE-22
Groundwater Analytical Results
Inorganic Parameters
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID		Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
GW-42-S				Metals - Dissolved					
	FILTDUP	1461306	M036	Chromium, Dissolved	< 0.01		mg/l	10/16/96	1461313
	FILTERED		M036	Chromium, Dissolved	0.012		mg/l	01/24/97	1461576
	FILTERED		M036	Chromium, Dissolved	0.021		mg/l	04/22/97	1461638
	FILTERED	1460610	M037	Copper, Dissolved	41		mg/l	10/17/95	1460626
	FILTERED	1461265	M037	Copper, Dissolved	< 0.025		mg/l	10/16/96	1461306
	FILTDUP	1461306	M037	Copper, Dissolved	< 0.025		mg/l	10/16/96	1461313
	FILTERED	1460331	M040	Iron, Dissolved	3.40		mg/l	01/11/95	1460178
	FILTERED	1460220	M040	Iron, Dissolved	3.00		mg/l	02/01/95	1460267
	FILTERED	1460400	M040	Iron, Dissolved	4.20		mg/l	05/03/95	1460381
	FILTERED	1460464	M040	Iron, Dissolved	20.0		mg/l	07/19/95	1460452
	FILTERED	1460610	M040	Iron, Dissolved	13.0		mg/l	10/17/95	1460626
	FILTERED	1460664	M040	Iron, Dissolved	15.0	B	mg/l	10/18/95	1460647
	FILTERED	1461265	M040	Iron, Dissolved	5.14		mg/l	10/16/96	1461306
	FILTDUP	1461306	M040	Iron, Dissolved	5.38		mg/l	10/16/96	1461313
	FILTERED	1461265	M041	Mercury, Dissolved	< 0.2		ug/l	10/16/96	1461306
	FILTDUP	1461306	M041	Mercury, Dissolved	< 0.2		ug/l	10/16/96	1461313
	FILTERED	1460331	M042	Potassium, Dissolved	0.8	j	mg/l	01/11/95	1460178
	FILTERED	1460220	M042	Potassium, Dissolved	1.4		mg/l	02/01/95	1460267
	FILTERED	1460400	M042	Potassium, Dissolved	1.3		mg/l	05/03/95	1460381
	FILTERED	1460464	M042	Potassium, Dissolved	1.8		mg/l	07/19/95	1460452
	FILTERED	1460610	M042	Potassium, Dissolved	< 3		mg/l	10/17/95	1460626
	FILTERED	1460664	M042	Potassium, Dissolved	< 3		mg/l	10/18/95	1460647
	FILTERED	1461265	M042	Potassium, Dissolved	< 5.0		mg/l	10/16/96	1461306
	FILTDUP	1461306	M042	Potassium, Dissolved	< 5.0		mg/l	10/16/96	1461313
	FILTERED	1460331	M044	Magnesium, Dissolved	1.4		mg/l	01/11/95	1460178
	FILTERED	1460220	M044	Magnesium, Dissolved	1.7		mg/l	02/01/95	1460267
	FILTERED	1460400	M044	Magnesium, Dissolved	2.1		mg/l	05/03/95	1460381
	FILTERED	1460464	M044	Magnesium, Dissolved	2.4		mg/l	07/19/95	1460452
	FILTERED	1460610	M044	Magnesium, Dissolved	1.6		mg/l	10/17/95	1460626
	FILTERED	1460664	M044	Magnesium, Dissolved	1.5		mg/l	10/18/95	1460647
	FILTERED	1461265	M044	Magnesium, Dissolved	< 5.00		mg/l	10/16/96	1461306
	FILTDUP	1461306	M044	Magnesium, Dissolved	< 5.00		mg/l	10/16/96	1461313
	FILTERED	1460331	M045	Manganese, Dissolved	0.31		mg/l	01/11/95	1460178
	FILTERED	1460220	M045	Manganese, Dissolved	0.43		mg/l	02/01/95	1460267
	FILTERED	1460400	M045	Manganese, Dissolved	0.38		mg/l	05/03/95	1460381
	FILTERED	1460464	M045	Manganese, Dissolved	1.2		mg/l	07/19/95	1460452
	FILTERED	1460610	M045	Manganese, Dissolved	0.82	j	mg/l	10/17/95	1460626
	FILTERED	1460664	M045	Manganese, Dissolved	0.85		mg/l	10/18/95	1460647
	FILTERED	1461265	M045	Manganese, Dissolved	0.438		mg/l	10/16/96	1461306
	FILTDUP	1461306	M045	Manganese, Dissolved	0.468		mg/l	10/16/96	1461313
	FILTERED	1460331	M047	Sodium, Dissolved	21		mg/l	01/11/95	1460178
	FILTERED	1460220	M047	Sodium, Dissolved	22		mg/l	02/01/95	1460267
	FILTERED	1460400	M047	Sodium, Dissolved	18		mg/l	05/03/95	1460381
	FILTERED	1460464	M047	Sodium, Dissolved	44		mg/l	07/19/95	1460452
	FILTERED	1460610	M047	Sodium, Dissolved	41		mg/l	10/17/95	1460626
	FILTERED	1460664	M047	Sodium, Dissolved	45		mg/l	10/18/95	1460647
	FILTERED	1461265	M047	Sodium, Dissolved	29.1		mg/l	10/16/96	1461306
	FILTDUP	1461306	M047	Sodium, Dissolved	29.1		mg/l	10/16/96	1461313
	FILTERED	1460331	M048	Lead, Dissolved	< 0.005		mg/l	01/11/95	1460178
	FILTERED	1460220	M048	Lead, Dissolved	< 0.005		mg/l	02/01/95	1460267
	FILTERED	1460400	M048	Lead, Dissolved	< 0.005		mg/l	05/03/95	1460381
	FILTERED	1460464	M048	Lead, Dissolved	< 0.005		mg/l	07/19/95	1460452
	FILTERED	1460610	M048	Lead, Dissolved	< 0.005		mg/l	10/17/95	1460626
	FILTERED	1460664	M048	Lead, Dissolved	< 0.005		mg/l	10/18/95	1460647
	FILTERED	1461265	M048	Lead, Dissolved	< 0.003		mg/l	10/16/96	1461306
	FILTDUP	1461306	M048	Lead, Dissolved	< 0.003		mg/l	10/16/96	1461313
	FILTERED	1461265	M050	Selenium, Dissolved	< 0.005		mg/l	10/16/96	1461306
	FILTDUP	1461306	M050	Selenium, Dissolved	< 0.005		mg/l	10/16/96	1461313
	FILTERED	1461265	M053	Zinc, Dissolved	< 0.02		mg/l	10/16/96	1461306

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TABLE-22
Groundwater Analytical Results
Inorganic Parameters
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
GW-42-S								
			Metals - Dissolved					
	FILTDUP 1461306	M053	Zinc, Dissolved	< 0.02		mg/l	10/16/96	1461313
		M054	Aluminum, Dissolved	0.43		mg/l	07/21/94	1000456
		M054	Aluminum, Dissolved	0.52		mg/l	04/19/94	1000514
		M054	Aluminum, Dissolved	< 0.10		mg/l	08/30/94	1000570
		M054	Aluminum, Dissolved	0.41		mg/l	09/29/94	1000584
		M054	Aluminum, Dissolved	0.39		mg/l	10/28/94	1000596
	FILTERED 1460331	M054	Aluminum, Dissolved	0.36		mg/l	01/11/95	1460178
	FILTERED 1460313	M054	Aluminum, Dissolved	0.41		mg/l	02/03/95	1460231
	FILTERED 1460220	M054	Aluminum, Dissolved	0.44		mg/l	02/01/95	1460267
	FILTERED 1460351	M054	Aluminum, Dissolved	0.42		mg/l	05/04/95	1460366
	FILTERED 1460400	M054	Aluminum, Dissolved	0.47		mg/l	05/03/95	1460381
		M054	Aluminum, Dissolved	0.55		mg/l	07/18/95	1460439
	FILTERED 1460464	M054	Aluminum, Dissolved	0.36		mg/l	07/19/95	1460452
	FILTERED 1460577	M054	Aluminum, Dissolved	0.39		mg/l	10/13/95	1460591
	FILTERED 1460610	M054	Aluminum, Dissolved	< 0.10		mg/l	10/17/95	1460626
	FILTERED 1460664	M054	Aluminum, Dissolved	0.38		mg/l	10/18/95	1460647
		M054	Aluminum, Dissolved	0.26		mg/l	02/01/96	1460677
	DUP OF 1460677	M054	Aluminum, Dissolved	0.29		mg/l	02/01/96	1460687
	FILTERED 1460751	M054	Aluminum, Dissolved	0.44		mg/l	05/01/96	1460840
	FILTERED	M054	Aluminum, Dissolved	0.42		mg/l	07/29/96	1460979
	FILTERED	M054	Aluminum, Dissolved	0.44		mg/l	10/23/96	1461232
	FILTDUP 1461232	M054	Aluminum, Dissolved	0.46		mg/l	10/23/96	1461233
	FILTERED 1461265	M054	Aluminum, Dissolved	0.531		mg/l	10/16/96	1461306
	FILTDUP 1461306	M054	Aluminum, Dissolved	0.504		mg/l	10/16/96	1461313
	FILTERED	M054	Aluminum, Dissolved	0.307		mg/l	01/24/97	1461576
	FILTERED	M054	Aluminum, Dissolved	0.485		mg/l	04/22/97	1[illegible]8
	FILTERED 1461265	M055	Cobalt, Dissolved	< 0.05		mg/l	10/16/96	1[illegible]6
	FILTDUP 1461306	M055	Cobalt, Dissolved	< 0.05		mg/l	10/16/96	14[illegible]3
	FILTERED 1461265	M059	Nickel, Dissolved	< 0.04		mg/l	10/16/96	1461306
	FILTDUP 1461306	M059	Nickel, Dissolved	< 0.04		mg/l	10/16/96	1461313
	FILTERED 1461265	M098	Thallium, Dissolved	< 0.01		mg/l	10/16/96	1461306
	FILTDUP 1461306	M098	Thallium, Dissolved	< 0.01		mg/l	10/16/96	1461313
	FILTERED 1461265	M099	Vanadium, Dissolved	< 0.05		mg/l	10/16/96	1461306
	FILTDUP 1461306	M099	Vanadium, Dissolved	< 0.05		mg/l	10/16/96	1461313
	FILTERED 1461265	M100	Antimony, Dissolved	< 0.06		mg/l	10/16/96	1461306
	FILTDUP 1461306	M100	Antimony, Dissolved	< 0.06		mg/l	10/16/96	1461313
	FILTERED 1460331	M109	Trivalent Chromium, Dissolved	< 0.015		mg/l	01/11/95	1460178
	FILTERED 1460220	M109	Trivalent Chromium, Dissolved	< 0.015		mg/l	02/01/95	1460267
	FILTERED 1460400	M109	Trivalent Chromium, Dissolved	< 0.015		mg/l	05/03/95	1460381
	FILTERED 1460464	M109	Trivalent Chromium, Dissolved	< 0.015		mg/l	07/19/95	1460452
	FILTERED 1460610	M109	Trivalent Chromium, Dissolved	< 0.015	uj	mg/l	10/17/95	1460626
	FILTERED 1460664	M109	Trivalent Chromium, Dissolved	< 0.015		mg/l	10/18/95	1460647
	FILTERED 1460331	M111	Total Iron, Field	3.89		mg/l	01/11/95	1460178
	FILTERED 1460220	M111	Total Iron, Field	3.25		mg/l	02/01/95	1460267
	FILTERED 1460351	M111	Total Iron, Field	3.95		mg/l	05/04/95	1460366
	FILTERED 1460464	M111	Total Iron, Field	22.9		mg/l	07/19/95	1460452
	FILTERED 1460610	M111	Total Iron, Field	16.2		mg/l	10/17/95	1460626
	FILTERED 1460664	M111	Total Iron, Field	16.2		mg/l	10/18/95	1460647
	FILTERED 1460331	M112	Iron as Fe+2 - Field	3.52		mg/l	01/11/95	1460178
	FILTERED 1460351	M112	Iron as Fe+2 - Field	2.05		mg/l	05/04/95	1460366
	FILTERED 1460464	M112	Iron as Fe+2 - Field	11.2		mg/l	07/19/95	1460452
	FILTERED 1460610	M112	Iron as Fe+2 - Field	13.8		mg/l	10/17/95	1460626
	FILTERED 1460664	M112	Iron as Fe+2 - Field	15.0		mg/l	10/18/95	1460647
	FILTERED 1460331	M113	Iron as Fe+3 - Field	0.37		mg/l	01/11/95	1460178
	FILTERED 1460351	M113	Iron as Fe+3 - Field	1.90		mg/l	05/04/95	1460366
	FILTERED 1460464	M113	Iron as Fe+3 - Field	11.7		mg/l	07/19/95	1460452
	FILTERED 1460610	M113	Iron as Fe+3 - Field	2.4		mg/l	10/17/95	1460626
	FILTERED 1460664	M113	Iron as Fe+3 - Field	1.2		mg/l	10/18/95	1460647
	FILTERED 1460351	M114	Hexavalent Chromium, Field	< 0.0		mg/l	05/04/95	1460366

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TABLE-22
Groundwater Analytical Results
Inorganic Parameters
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
GW-42-S								
			Metals - Dissolved					
	FILTERED 1460610	M114	Hexavalent Chromium, Field	< 0.0		mg/l	10/17/95	1460626
	FILTERED 1460664	O004	Total Organic Carbon (TOC)	13		mg/l	10/18/95	1460647
			Inorganic Non-metals					
	DUP OF 1460351	F009	pH Laboratory	5.40		Std. Un	05/04/95	1460352
		I005	Chloride	57		mg/l	07/21/94	1000456
		I005	Chloride	23		mg/l	04/19/94	1000514
		I005	Chloride	77		mg/l	08/30/94	1000570
		I005	Chloride	74		mg/l	09/29/94	1000584
		I005	Chloride	86		mg/l	10/28/94	1000596
	FILTERED 1460331	I005	Chloride	53	j	mg/l	01/11/95	1460178
	FILTERED 1460220	I005	Chloride	49		mg/l	02/01/95	1460267
		I005	Chloride	44		mg/l	02/03/95	1460313
	DUP OF 1460313	I005	Chloride	45		mg/l	02/03/95	1460316
		I005	Chloride	43		mg/l	05/04/95	1460351
	DUP OF 1460351	I005	Chloride	43		mg/l	05/04/95	1460352
	FILTERED 1460400	I005	Chloride	45		mg/l	05/03/95	1460381
		I005	Chloride	100		mg/l	07/18/95	1460439
	FILTERED 1460464	I005	Chloride	98		mg/l	07/19/95	1460452
		I005	Chloride	76		mg/l	10/13/95	1460577
	FILTERED 1460610	I005	Chloride	85		mg/l	10/17/95	1460626
	FILTERED 1460664	I005	Chloride	89		mg/l	10/18/95	1460647
		I005	Chloride	45		mg/l	02/01/96	1460677
	DUP OF 1460677	I005	Chloride	46		mg/l	02/01/96	1460687
		I005	Chloride	76		mg/l	05/01/96	1460751
	FILTERED	I005	Chloride	74		mg/l	07/29/96	1460979
	FILTERED	I005	Chloride	[illegible]		mg/l	10/23/96	1461232
	FILTDUP 1461232	I005	Chloride	[illegible]		mg/l	10/23/96	1461233
	FILTERED 1461265	I005	Chloride	75.5		mg/l	10/16/96	1461306
	FILTDUP 1461306	I005	Chloride	77.2		mg/l	10/16/96	1461313
	FILTERED	I005	Chloride	30.1		mg/l	01/24/97	1461576
	FILTERED	I005	Chloride	49.9		mg/l	04/22/97	1461638
		I009	Nitrogen, Ammonia	3.9		mg/l	07/21/94	1000456
		I009	Nitrogen, Ammonia	2.6		mg/l	04/19/94	1000514
		I009	Nitrogen, Ammonia	3.9		mg/l	08/30/94	1000570
		I009	Nitrogen, Ammonia	4.6		mg/l	09/29/94	1000584
		I009	Nitrogen, Ammonia	3.6		mg/l	10/28/94	1000596
	FILTERED 1460331	I009	Nitrogen, Ammonia	3.7		mg/l	01/11/95	1460178
	FILTERED 1460220	I009	Nitrogen, Ammonia	4.3		mg/l	02/01/95	1460267
		I009	Nitrogen, Ammonia	4.1		mg/l	02/03/95	1460313
	DUP OF 1460313	I009	Nitrogen, Ammonia	3.9		mg/l	02/03/95	1460316
		I009	Nitrogen, Ammonia	3.7		mg/l	05/04/95	1460351
	DUP OF 1460351	I009	Nitrogen, Ammonia	3.5		mg/l	05/04/95	1460352
	FILTERED 1460400	I009	Nitrogen, Ammonia	3.9		mg/l	05/03/95	1460381
		I009	Nitrogen, Ammonia	8.7		mg/l	07/18/95	1460439
	FILTERED 1460464	I009	Nitrogen, Ammonia	4.4		mg/l	07/19/95	1460452
		I009	Nitrogen, Ammonia	0.40		mg/l	10/13/95	1460577
		I009	Nitrogen, Ammonia	4.0		mg/l	10/17/95	1460610
	FILTERED 1460610	I009	Nitrogen, Ammonia	4.3		mg/l	10/17/95	1460626
	FILTERED 1460664	I009	Nitrogen, Ammonia	5.0		mg/l	10/18/95	1460647
		I009	Nitrogen, Ammonia	3.5		mg/l	02/01/96	1460677
	DUP OF 1460677	I009	Nitrogen, Ammonia	3.5		mg/l	02/01/96	1460687
		I009	Nitrogen, Ammonia	6.0		mg/l	05/01/96	1460751
	FILTERED	I009	Nitrogen, Ammonia	5.3		mg/l	07/29/96	1460979
	FILTERED	I009	Nitrogen, Ammonia	5.97		mg/l	10/23/96	1461232
	FILTDUP 1461232	I009	Nitrogen, Ammonia	7.74		mg/l	10/23/96	1461233
	FILTERED 1461265	I009	Nitrogen, Ammonia	6.78		mg/l	10/16/96	1461306
	FILTERED 1461265	I009	Nitrogen, Ammonia	8.73		mg/l	10/16/96	1461306
	FILTDUP 1461306	I009	Nitrogen, Ammonia	6.88		mg/l	10/16/96	1461313
	FILTERED	I009	Nitrogen, Ammonia	3.33		mg/l	01/24/97	1461576

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Groundwater Analytical Results
Inorganic Parameters
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
GW-42-S								
			Inorganic Non-metals					
	FILTERED	I009	Nitrogen, Ammonia	2.78		mg/l	04/22/97	1461638
	FILTERED 1460331	I012	Nitrate as N	< 0.05		mg/l	01/11/95	1460178
	FILTERED 1460220	I012	Nitrate as N	< 0.05		mg/l	02/01/95	1460267
	FILTERED 1460400	I012	Nitrate as N	< 0.050		mg/l	05/03/95	1460381
	FILTERED 1460464	I012	Nitrate as N	0.078		mg/l	07/19/95	1460452
	FILTERED 1460610	I012	Nitrate as N	< 0.05	uj	mg/l	10/17/95	1460626
	FILTERED 1460664	I012	Nitrate as N	< 0.05		mg/l	10/18/95	1460647
	FILTERED 1460331	I014	Nitrite as N	< 0.05	uj	mg/l	01/11/95	1460178
	FILTERED 1460220	I014	Nitrite as N	< 0.05		mg/l	02/01/95	1460267
	FILTERED 1460400	I014	Nitrite as N	< 0.050		mg/l	05/03/95	1460381
	FILTERED 1460464	I014	Nitrite as N	< 0.050		mg/l	07/19/95	1460452
	FILTERED 1460610	I014	Nitrite as N	< 0.050	uj	mg/l	10/17/95	1460626
	FILTERED 1460664	I014	Nitrite as N	< 0.050		mg/l	10/18/95	1460647
	FILTERED 1460331	I017	Ortho Phosphate as Phosphorus	< 0.02		mg/l	01/11/95	1460178
	FILTERED 1460220	I017	Ortho Phosphate as Phosphorus	< 0.02		mg/l	02/01/95	1460267
	FILTERED 1460400	I017	Ortho Phosphate as Phosphorus	< 0.02		mg/l	05/03/95	1460381
	FILTERED 1460464	I017	Ortho Phosphate as Phosphorus	0.02		mg/l	07/19/95	1460452
	FILTERED 1460610	I017	Ortho Phosphate as Phosphorus	< 0.02		mg/l	10/17/95	1460626
	FILTERED 1460664	I017	Ortho Phosphate as Phosphorus	< 0.02		mg/l	10/18/95	1460647
		I018	Sulfate as SO4	8.5		mg/l	07/21/94	1000456
		I018	Sulfate as SO4	19		mg/l	04/19/94	1000514
		I018	Sulfate as SO4	4.6		mg/l	08/30/94	1000570
		I018	Sulfate as SO4	6.2		mg/l	09/29/94	1000584
		I018	Sulfate as SO4	6		mg/l	10/28/94	1000596
	FILTERED 1460331	I018	Sulfate as SO4	13		mg/l	01/11/95	1460178
	FILTERED 1460220	I018	Sulfate as SO4	15		mg/l	02/01/95	1[illegible]67
		I018	Sulfate as SO4	12		mg/l	02/03/95	1[illegible]3
	DUP OF 1460313	I018	Sulfate as SO4	18		mg/l	02/03/95	1[illegible]6
		I018	Sulfate as SO4	6.1		mg/l	05/04/95	1460351
	DUP OF 1460351	I018	Sulfate as SO4	8		mg/l	05/04/95	1460352
	FILTERED 1460400	I018	Sulfate as SO4	8.6		mg/l	05/03/95	1460381
		I018	Sulfate as SO4	4.1		mg/l	07/18/95	1460439
	FILTERED 1460464	I018	Sulfate as SO4	6		mg/l	07/19/95	1460452
		I018	Sulfate as SO4	< 10		mg/l	10/13/95	1460577
	FILTERED 1460610	I018	Sulfate as SO4	< 6	u	mg/l	10/17/95	1460626
	FILTERED 1460664	I018	Sulfate as SO4	6		mg/l	10/18/95	1460647
		I018	Sulfate as SO4	27		mg/l	02/01/96	1460677
	DUP OF 1460677	I018	Sulfate as SO4	31		mg/l	02/01/96	1460687
		I018	Sulfate as SO4	16		mg/l	05/01/96	1460751
	FILTERED	I018	Sulfate as SO4	17		mg/l	07/29/96	1460979
	FILTERED	I018	Sulfate as SO4	30.9		mg/l	10/23/96	1461232
	FILTDUP 1461232	I018	Sulfate as SO4	25.5		mg/l	10/23/96	1461233
	FILTERED 1461265	I018	Sulfate as SO4	30.5		mg/l	10/16/96	1461306
	FILTDUP 1461306	I018	Sulfate as SO4	16.1		mg/l	10/16/96	1461313
	FILTERED	I018	Sulfate as SO4	35.0		mg/l	01/24/97	1461576
	FILTERED	I018	Sulfate as SO4	19.2		mg/l	04/22/97	1461638
	FILTERED 1460331	I026	Bicarbonate Alkalinity as CaCO3	< 20		mg/l	01/11/95	1460178
	FILTERED 1460220	I026	Bicarbonate Alkalinity as CaCO3	< 20		mg/l	02/01/95	1460267
	FILTERED 1460400	I026	Bicarbonate Alkalinity as CaCO3	< 20		mg/l	05/03/95	1460381
	FILTERED 1460464	I026	Bicarbonate Alkalinity as CaCO3	23		mg/l	07/19/95	1460452
	FILTERED 1460610	I026	Bicarbonate Alkalinity as CaCO3	< 20		mg/l	10/17/95	1460626
	FILTERED 1460664	I026	Bicarbonate Alkalinity as CaCO3	23		mg/l	10/18/95	1460647
	FILTERED 1460331	I027	Carbonate Alkalinity as CaCO3	< 20		mg/l	01/11/95	1460178
	FILTERED 1460220	I027	Carbonate Alkalinity as CaCO3	< 20		mg/l	02/01/95	1460267
	FILTERED 1460400	I027	Carbonate Alkalinity as CaCO3	< 20		mg/l	05/03/95	1460381
	FILTERED 1460464	I027	Carbonate Alkalinity as CaCO3	< 20		mg/l	07/19/95	1460452
	FILTERED 1460610	I027	Carbonate Alkalinity as CaCO3	< 20		mg/l	10/17/95	1460626
	FILTERED 1460664	I027	Carbonate Alkalinity as CaCO3	< 20		mg/l	10/18/95	1460647
	FILTERED 1460331	I030	Bromide	< 2		mg/l	01/11/95	1460178

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Groundwater Analytical Results
Inorganic Parameters
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
GW-42-S								
			Inorganic Non-metals					
	FILTERED 1460220	I030	Bromide	< 2		mg/l	02/01/95	1460267
	FILTERED 1460400	I030	Bromide	< 1		mg/l	05/03/95	1460381
	FILTERED 1460464	I030	Bromide	< 1		mg/l	07/19/95	1460452
	FILTERED 1460610	I030	Bromide	< 1		mg/l	10/17/95	1460626
	FILTERED 1460664	I030	Bromide	< 1		mg/l	10/18/95	1460647
	FILTERED 1460331	I040	Silica as SiO2	5.1		mg/l	01/11/95	1460178
	FILTERED 1460220	I040	Silica as SiO2	5.2	B	mg/l	02/01/95	1460267
	FILTERED 1460400	I040	Silica as SiO2	5.8		mg/l	05/03/95	1460381
	FILTERED 1460464	I040	Silica as SiO2	6.5		mg/l	07/19/95	1460452
		I040	Silica as SiO2	6.3		mg/l	10/17/95	1460610
	FILTERED 1460610	I040	Silica as SiO2	6.5		mg/l	10/17/95	1460626
	FILTERED 1460664	I040	Silica as SiO2	6		mg/l	10/18/95	1460647
	FILTERED 1460331	I044	Phosphorous	< 0.1		mg/l	01/11/95	1460178
	FILTERED 1460220	I044	Phosphorous	< 0.1		mg/l	02/01/95	1460267
	FILTERED 1460400	I044	Phosphorous	< 0.10		mg/l	05/03/95	1460381
	FILTERED 1460464	I044	Phosphorous	< 0.10		mg/l	07/19/95	1460452
	FILTERED 1460610	I044	Phosphorous	< 0.10	uj	mg/l	10/17/95	1460626
	FILTERED 1460664	I044	Phosphorous	< 0.10		mg/l	10/18/95	1460647
	FILTERED 1460331	I058	Sulfide	< 1		mg/l	01/11/95	1460178
	FILTERED 1460220	I058	Sulfide	< 1		mg/l	02/01/95	1460267
	FILTERED 1460400	I058	Sulfide	3		mg/l	05/03/95	1460381
	FILTERED 1460464	I058	Sulfide	< 1		mg/l	07/19/95	1460452
	FILTERED 1460610	I058	Sulfide	< 1		mg/l	10/17/95	1460626
	FILTERED 1460664	I058	Sulfide	2		mg/l	10/18/95	1460647
		I059	Dissolved Oxygen, Field	1.2		mg/l	02/01/95	1460220
		I059	Dissolved Oxygen, Field	0.8		mg/l	01/11/95	1460331
		I059	Dissolved Oxygen, Field	0.2		mg/l	05/04/95	1460351
		I059	Dissolved Oxygen, Field	0.0		mg/l	07/19/95	1460464
		I059	Dissolved Oxygen, Field	< 0.0		mg/l	10/17/95	1460610
		I059	Dissolved Oxygen, Field	< 0.0		mg/l	10/18/95	1460664
		I060	Eh Field	+60.6		mv	01/11/95	1460331
		I060	Eh Field	+196		mv	05/03/95	1460400
		I060	Eh Field	+9		mv	07/19/95	1460464
		I060	Eh Field	+2		mv	10/17/95	1460610
		I060	Eh Field	+5		mv	10/18/95	1460664
	FILTERED 1460220	I067	Alkalinity - Field	26		mg/l	02/01/95	1460267
	FILTERED 1460351	I067	Alkalinity - Field	15.5		mg/l	05/04/95	1460366
	FILTERED 1460610	I067	Alkalinity - Field	25		mg/l	10/17/95	1460626
	FILTERED 1460664	I067	Alkalinity - Field	24		mg/l	10/18/95	1460647
	FILTERED 1460351	I068	Carbonate, Total as C	40		mg/l	05/04/95	1460366
	FILTERED 1461265	I070	Bicarbonate as HCO3	12.4		mg/l	10/16/96	1461306
	FILTDUP 1461306	I070	Bicarbonate as HCO3	12.4		mg/l	10/16/96	1461313
			Physical Properties					
	FILTERED 1460331	F007	Total Dissolved Solids (TDS)	130	j	mg/l	01/11/95	1460178
	FILTERED 1460220	F007	Total Dissolved Solids (TDS)	140		mg/l	02/01/95	1460267
	FILTERED 1460400	F007	Total Dissolved Solids (TDS)	140		mg/l	05/03/95	1460381
	FILTERED 1460464	F007	Total Dissolved Solids (TDS)	250		mg/l	07/19/95	1460452
	FILTERED 1460610	F007	Total Dissolved Solids (TDS)	210		mg/l	10/17/95	1460626
	FILTERED 1460664	F007	Total Dissolved Solids (TDS)	280		mg/l	10/18/95	1460647
		F009	pH Laboratory	5.20		Std. Un	07/21/94	1000456
		F009	pH Laboratory	5.10		Std. Un	04/19/94	1000514
		F009	pH Laboratory	5.30		Std. Un	08/30/94	1000570
		F009	pH Laboratory	5.20		Std. Un	09/29/94	1000584
		F009	pH Laboratory	5.30		Std. Un	10/28/94	1000596
		F009	pH Laboratory	5.30		Std. Un	02/03/95	1460313
	DUP OF 1460313	F009	pH Laboratory	5.20		Std. Un	02/03/95	1460316
		F009	pH Laboratory	5.20		Std. Un	05/03/95	1460400
		F009	pH Laboratory	5.50		Std. Un	07/18/95	1460439
		F009	pH Laboratory	5.30		Std. Un	10/13/95	1460577

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Inorganic Parameters
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
GW-42-S								
			Physical Properties					
		F009	pH Laboratory	5.40		Std. Un	02/01/96	1460677
	DUP OF 1460677	F009	pH Laboratory	5.40		Std. Un	02/01/96	1460687
		F009	pH Laboratory	5.30		Std. Un	05/01/96	1460751
	FILTERED	F009	pH Laboratory	5.30		Std. Un	07/29/96	1460979
	FILTERED	F009	pH Laboratory	5.25		Std. Un	10/23/96	1461232
	FILTERED	F009	pH Laboratory	5.47		Std. Un	01/24/97	1461576
	FILTERED	F009	pH Laboratory	5.74		Std. Un	04/22/97	1461638
	FILTERED 1460610	F031	Viscosity	3.00		cpoise	10/17/95	1460626
		F037	pH Field	5.69		Std. Un	07/21/94	1000456
		F037	pH Field	5.40		Std. Un	04/19/94	1000514
		F037	pH Field	5.23		Std. Un	08/30/94	1000570
		F037	pH Field	5.57		Std. Un	09/29/94	1000584
		F037	pH Field	5.10		Std. Un	10/28/94	1000596
		F037	pH Field	4.66		Std. Un	02/01/95	1460220
		F037	pH Field	4.73		Std. Un	02/03/95	1460313
		F037	pH Field	4.89		Std. Un	01/11/95	1460331
		F037	pH Field	5.05		Std. Un.	05/04/95	1460351
		F037	pH Field	4.73		Std. Un	05/03/95	1460400
		F037	pH Field	5.24		Std. Un	07/18/95	1460439
		F037	pH Field	5.35		Std. Un	07/19/95	1460464
		F037	pH Field	4.95		Std. Un	10/13/95	1460577
		F037	pH Field	5.37		Std. Un	10/17/95	1460610
		F037	pH Field	5.37		Std. Un	10/18/95	1460664
		F037	pH Field	4.20		Std. Un	02/01/96	1460677
		F037	pH Field	4.94		Std. Un	05/01/96	1460751
	FILTERED	F037	pH Field	5.35		Std. Un	10/23/96	1[illegible]
		F037	pH Field	5.30		Std. Un	10/16/96	1[illegible]
	FILTERED	F037	pH Field	4.57		Std. Un	01/24/97	14[illegible]76
	FILTERED	F037	pH Field	4.90		Std. Un	04/22/97	1461638
		F062	Specific Conductance - Field	238		umhos	07/21/94	1000456
		F062	Specific Conductance - Field	195		umhos	04/19/94	1000514
		F062	Specific Conductance - Field	314		umhos	08/30/94	1000570
		F062	Specific Conductance - Field	286		umhos	09/29/94	1000584
		F062	Specific Conductance - Field	309		umhos	10/28/94	1000596
		F062	Specific Conductance - Field	216		umhos	02/01/95	1460220
		F062	Specific Conductance - Field	226		umhos	02/03/95	1460313
		F062	Specific Conductance - Field	213		umhos	01/11/95	1460331
		F062	Specific Conductance - Field	214		umhos	05/04/95	1460351
		F062	Specific Conductance - Field	221		umhos	05/03/95	1460400
		F062	Specific Conductance - Field	419		umhos	07/18/95	1460439
		F062	Specific Conductance - Field	427		umhos	07/19/95	1460464
		F062	Specific Conductance - Field	323		umhos	10/13/95	1460577
		F062	Specific Conductance - Field	351		umhos	10/17/95	1460610
		F062	Specific Conductance - Field	351		umhos	10/18/95	1460664
		F062	Specific Conductance - Field	399		umhos	02/01/96	1460677
		F062	Specific Conductance - Field	363		umhos	05/01/96	1460751
	FILTERED	F062	Specific Conductance - Field	341		umhos	07/29/96	1460979
	FILTERED	F062	Specific Conductance - Field	356		umhos	10/23/96	1461232
		F062	Specific Conductance - Field	321		umhos	10/16/96	1461265
	FILTERED	F062	Specific Conductance - Field	220		umhos	01/24/97	1461576
	FILTERED	F062	Specific Conductance - Field	2590		umhos	04/22/97	1461638
		F064	Temperature - Field	14.5		deg. C	07/21/94	1000456
		F064	Temperature - Field	9.8		deg. C	04/19/94	1000514
		F064	Temperature - Field	16.5		deg. C	08/30/94	1000570
		F064	Temperature - Field	16.7		deg. C	09/29/94	1000584
		F064	Temperature - Field	15.4		deg. C	10/28/94	1000596
		F064	Temperature - Field	9		deg. C	02/01/95	1460220
		F064	Temperature - Field	9.2		deg. C	02/03/95	1460313
		F064	Temperature - Field	11.4		deg. C	01/11/95	1460331

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TABLE-22
Groundwater Analytical Results
Inorganic Parameters
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
GW-42-S								
			Physical Properties					
		F064	Temperature - Field	8.8		deg. C	05/04/95	1460351
		F064	Temperature - Field	9.1		deg. C	05/03/95	1460400
		F064	Temperature - Field	14.9		deg. C	07/18/95	1460439
		F064	Temperature - Field	14.5		deg. C	07/19/95	1460464
		F064	Temperature - Field	16.8		deg. C	10/13/95	1460577
		F064	Temperature - Field	16.1		deg. C	10/17/95	1460610
		F064	Temperature - Field	16.1		deg. C	10/18/95	1460664
		F064	Temperature - Field	4.17		deg. C	02/01/96	1460677
		F064	Temperature - Field	9.1		deg. C	05/01/96	1460751
	FILTERED	F064	Temperature - Field	14.1		deg. C	07/29/96	1460979
	FILTERED	F064	Temperature - Field	14.6		deg. C	10/23/96	1461232
		F064	Temperature - Field	15		deg. C	10/16/96	1461265
	FILTERED	F064	Temperature - Field	9.6		deg. C	01/24/97	1461576
	FILTERED	F064	Temperature - Field	9.1		deg. C	04/22/97	1461638
GW-43-D								
			Metals					
		M001	Aluminum	440		mg/l	10/17/95	1460616
		M003	Arsenic	< 1.0	uj	mg/l	10/17/95	1460616
		M004	Barium	< 0.10	uj	mg/l	10/17/95	1460616
		M007	Calcium	290	B	mg/l	10/17/95	1460616
		M008	Chromium	260		mg/l	10/17/95	1460616
		M011	Iron	600		mg/l	10/17/95	1460616
		M012	Lead	< 0.10	uj	mg/l	10/17/95	1460616
		M013	Magnesium	350		mg/l	10/17/95	1460616
		M014	Manganese	66		mg/l	10/17/95	1460616
		M017	Potassium	16		mg/l	10/17/95	1460616
		M020	Sodium	4000		mg/l	10/17/95	1460616
			Metals - Dissolved					
	FILTERED 1460616	M028	Arsenic, Dissolved	< 2.5	uj	mg/l	10/17/95	1460632
	FILTERED 1460616	M029	Barium, Dissolved	< 0.025	uj	mg/l	10/17/95	1460632
	FILTERED 1460616	M033	Calcium, Dissolved	290		mg/l	10/17/95	1460632
	FILTERED 1460616	M035	Hexavalent Chromium, Dissolved	< 1.6	uj	mg/l	10/17/95	1460632
	FILTERED 1460616	M036	Chromium, Dissolved	320		mg/l	10/17/95	1460632
	FILTERED 1460616	M040	Iron, Dissolved	570		mg/l	10/17/95	1460632
	FILTERED 1460616	M042	Potassium, Dissolved	< 30	uj	mg/l	10/17/95	1460632
	FILTERED 1460616	M044	Magnesium, Dissolved	340		mg/l	10/17/95	1460632
	FILTERED 1460616	M045	Manganese, Dissolved	66		mg/l	10/17/95	1460632
	FILTERED 1460616	M047	Sodium, Dissolved	4300		mg/l	10/17/95	1460632
	FILTERED 1460616	M048	Lead, Dissolved	< 0.025	uj	mg/l	10/17/95	1460632
	FILTERED 1460616	M054	Aluminum, Dissolved	420		mg/l	10/17/95	1460632
	FILTERED 1460616	M109	Trivalent Chromium, Dissolved	< 320	uj	mg/l	10/17/95	1460632
	FILTERED 1460616	M111	Total Iron, Field	290		mg/l	10/17/95	1460632
	FILTERED 1460616	M112	Iron as Fe+2 - Field	166		mg/l	10/17/95	1460632
	FILTERED 1460616	M113	Iron as Fe+3 - Field	124		mg/l	10/17/95	1460632
	FILTERED 1460616	M114	Hexavalent Chromium, Field	< 0.0		mg/l	10/17/95	1460632
			Inorganic Non-metals					
	FILTERED 1460616	I005	Chloride	4000		mg/l	10/17/95	1460632
		I009	Nitrogen, Ammonia	3000		mg/l	10/17/95	1460616
	FILTERED 1460616	I009	Nitrogen, Ammonia	3400		mg/l	10/17/95	1460632
	FILTERED 1460616	I012	Nitrate as N	2.4	j	mg/l	10/17/95	1460632
	FILTERED 1460616	I014	Nitrite as N	< 0.050	uj	mg/l	10/17/95	1460632
	FILTERED 1460616	I017	Ortho Phosphate as Phosphorus	0.26		mg/l	10/17/95	1460632
	FILTERED 1460616	I018	Sulfate as SO4	23000	j	mg/l	10/17/95	1460632
	FILTERED 1460616	I026	Bicarbonate Alkalinity as CaCO3	NR		mg/l	10/17/95	1460632
	FILTERED 1460616	I027	Carbonate Alkalinity as CaCO3	NR		mg/l	10/17/95	1460632
	FILTERED 1460616	I030	Bromide	< 20		mg/l	10/17/95	1460632
		I040	Silica as SiO2	37		mg/l	10/17/95	1460616
	FILTERED 1460616	I040	Silica as SiO2	39		mg/l	10/17/95	1460632

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Groundwater Analytical Results
Inorganic Parameters
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
GW-43-D								
			Inorganic Non-metals					
	FILTERED 1460616	I044	Phosphorous	3.0	j	mg/l	10/17/95	1460632
	FILTERED 1460616	I058	Sulfide	< 1		mg/l	10/17/95	1460632
		I059	Dissolved Oxygen, Field	< 0.0		mg/l	10/17/95	1460616
		I060	Eh Field	+395		mv	10/17/95	1460616
	FILTERED 1460616	I067	Alkalinity - Field	< NR		mg/l	10/17/95	1460632
			Physical Properties					
	FILTERED 1460616	F007	Total Dissolved Solids (TDS)	23000		mg/l	10/17/95	1460632
		F024	Specific Gravity	1.086		g/ml	04/10/97	1461608
		F031	Viscosity	1.63		cpoise	04/10/97	1461608
		F037	pH Field	4.20		Std. Un	10/17/95	1460616
		F062	Specific Conductance - Field	34700		umhos	10/17/95	1460616
		F062	Specific Conductance - Field	63500		umhos	05/01/96	1461010
		F064	Temperature - Field	12.3		deg. C	10/17/95	1460616
		F064	Temperature - Field	13.9		deg. C	05/01/96	1461010
		F066	Specific Gravity, Field	1.02		g/ml	01/10/95	1460340
		F066	Specific Gravity, Field	1.065		g/ml	05/01/96	1461010
GW-43-S								
			Metals					
		M001	Aluminum	< 0.10		mg/l	10/17/95	1460613
		M003	Arsenic	< 0.005		mg/l	10/17/95	1460613
		M004	Barium	0.074		mg/l	10/17/95	1460613
		M007	Calcium	49	B	mg/l	10/17/95	1460613
		M008	Chromium	0.018	j	mg/l	10/17/95	1460613
		M011	Iron	< 0.079	u	mg/l	10/17/95	1460613
		M012	Lead	< 0.005		mg/l	10/17/95	1[illegible]3
		M013	Magnesium	8.5		mg/l	10/17/95	1[illegible]3
		M014	Manganese	2.0		mg/l	10/17/95	1460613
		M017	Potassium	1.2		mg/l	10/17/95	1460613
		M020	Sodium	80		mg/l	10/17/95	1460613
			Metals - Dissolved					
	FILTERED 1460613	M028	Arsenic, Dissolved	< 0.005		mg/l	10/17/95	1460629
	FILTERED 1461264	M028	Arsenic, Dissolved	< 0.010		mg/l	10/16/96	1461305
	FILTERED 1460613	M029	Barium, Dissolved	0.065		mg/l	10/17/95	1460629
	FILTERED 1461264	M029	Barium, Dissolved	< 0.20		mg/l	10/16/96	1461305
	FILTERED 1461264	M031	Beryllium, Dissolved	< 0.005		mg/l	10/16/96	1461305
	FILTERED 1461264	M032	Silver, Dissolved	< 0.01		mg/l	10/16/96	1461305
	FILTERED 1460613	M033	Calcium, Dissolved	49		mg/l	10/17/95	1460629
	FILTERED 1461264	M033	Calcium, Dissolved	51.0		mg/l	10/16/96	1461305
	FILTERED 1461264	M034	Cadmium, Dissolved	< 0.005		mg/l	10/16/96	1461305
	FILTERED 1460613	M035	Hexavalent Chromium, Dissolved	< 0.015	uj	mg/l	10/17/95	1460629
	FILTERED 1460353	M036	Chromium, Dissolved	< 0.015		mg/l	05/04/95	1460368
		M036	Chromium, Dissolved	< 0.015		mg/l	07/18/95	1460438
	FILTERED 1460578	M036	Chromium, Dissolved	< 0.015		mg/l	10/13/95	1460592
	FILTERED 1460613	M036	Chromium, Dissolved	< 0.015		mg/l	10/17/95	1460629
		M036	Chromium, Dissolved	< 0.015		mg/l	02/01/96	1460686
	FILTERED 1460752	M036	Chromium, Dissolved	< 0.015		mg/l	05/01/96	1460841
	FILTERED	M036	Chromium, Dissolved	< 0.015		mg/l	07/29/96	1460978
	FILTERED	M036	Chromium, Dissolved	< 0.010		mg/l	10/23/96	1461235
	FILTERED 1461264	M036	Chromium, Dissolved	< 0.01		mg/l	10/16/96	1461305
	FILTERED	M036	Chromium, Dissolved	< 0.010		mg/l	01/24/97	1461577
	FILTERED	M036	Chromium, Dissolved	< 0.010		mg/l	04/22/97	1461639
	FILTERED 1461264	M037	Copper, Dissolved	< 0.025		mg/l	10/16/96	1461305
	FILTERED 1460613	M040	Iron, Dissolved	< 0.048	u	mg/l	10/17/95	1460629
	FILTERED 1461264	M040	Iron, Dissolved	< 0.10		mg/l	10/16/96	1461305
	FILTERED 1461264	M041	Mercury, Dissolved	< 0.2		ug/l	10/16/96	1461305
	FILTERED 1460613	M042	Potassium, Dissolved	< 3		mg/l	10/17/95	1460629
	FILTERED 1461264	M042	Potassium, Dissolved	< 5.0		mg/l	10/16/96	1461305
	FILTERED 1460613	M044	Magnesium, Dissolved	8.4		mg/l	10/17/95	1460629

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Inorganic Parameters
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
GW-43-S								
			Metals - Dissolved					
	FILTERED 1461264	M044	Magnesium, Dissolved	14.1		mg/l	10/16/96	1461305
	FILTERED 1460613	M045	Manganese, Dissolved	2.0	j	mg/l	10/17/95	1460629
	FILTERED 1461264	M045	Manganese, Dissolved	3.17		mg/l	10/16/96	1461305
	FILTERED 1460613	M047	Sodium, Dissolved	82		mg/l	10/17/95	1460629
	FILTERED 1461264	M047	Sodium, Dissolved	109		mg/l	10/16/96	1461305
	FILTERED 1460613	M048	Lead, Dissolved	< 0.005		mg/l	10/17/95	1460629
	FILTERED 1461264	M048	Lead, Dissolved	0.005		mg/l	10/16/96	1461305
	FILTERED 1461264	M050	Selenium, Dissolved	< 0.005		mg/l	10/16/96	1461305
	FILTERED 1461264	M053	Zinc, Dissolved	< 0.02		mg/l	10/16/96	1461305
	FILTERED 1460353	M054	Aluminum, Dissolved	< 0.10		mg/l	05/04/95	1460368
		M054	Aluminum, Dissolved	< 0.10		mg/l	07/18/95	1460438
	FILTERED 1460578	M054	Aluminum, Dissolved	< 0.10		mg/l	10/13/95	1460592
	FILTERED 1460613	M054	Aluminum, Dissolved	< 0.10		mg/l	10/17/95	1460629
		M054	Aluminum, Dissolved	< 0.10		mg/l	02/01/96	1460686
	FILTERED 1460752	M054	Aluminum, Dissolved	< 0.10		mg/l	05/01/96	1460841
	FILTERED	M054	Aluminum, Dissolved	< 0.10		mg/l	07/29/96	1460978
	FILTERED	M054	Aluminum, Dissolved	< 0.20		mg/l	10/23/96	1461235
	FILTERED 1461264	M054	Aluminum, Dissolved	< 0.20		mg/l	10/16/96	1461305
	FILTERED	M054	Aluminum, Dissolved	< 0.2		mg/l	01/24/97	1461577
	FILTERED	M054	Aluminum, Dissolved	< 0.20		mg/l	04/22/97	1461639
	FILTERED 1461264	M055	Cobalt, Dissolved	< 0.05		mg/l	10/16/96	1461305
	FILTERED 1461264	M059	Nickel, Dissolved	< 0.04		mg/l	10/16/96	1461305
	FILTERED 1461264	M098	Thallium, Dissolved	< 0.01		mg/l	10/16/96	1461305
	FILTERED 1461264	M099	Vanadium, Dissolved	< 0.05		mg/l	10/16/96	1461305
	FILTERED 1461264	M100	Antimony, Dissolved	< 0.06		mg/l	10/16/96	1461305
	FILTERED 1460613	M109	Trivalent Chromium, Dissolved	< 0.015	uj	mg/l	10/17/95	1460629
	FILTERED 1460613	M111	Total Iron, Field	0.12		mg/l	10/17/95	1460629
	FILTERED 1460613	M112	Iron as Fe+2 - Field	0.12		mg/l	10/17/95	1460629
	FILTERED 1460613	M113	Iron as Fe+3 - Field	< 0.0		mg/l	10/17/95	1460629
	FILTERED 1460613	M114	Hexavalent Chromium, Field	0.01		mg/l	10/17/95	1460629
			Inorganic Non-metals					
		I005	Chloride	100		mg/l	05/04/95	1460353
		I005	Chloride	93		mg/l	07/18/95	1460438
		I005	Chloride	79		mg/l	10/13/95	1460578
	FILTERED 1460613	I005	Chloride	93		mg/l	10/17/95	1460629
		I005	Chloride	210		mg/l	02/01/96	1460686
		I005	Chloride	130		mg/l	05/01/96	1460752
	FILTERED	I005	Chloride	180		mg/l	07/29/96	1460978
	FILTERED	I005	Chloride	132		mg/l	10/23/96	1461235
	FILTERED 1461264	I005	Chloride	446		mg/l	10/16/96	1461305
	FILTERED	I005	Chloride	115		mg/l	01/24/97	1461577
	FILTERED	I005	Chloride	96.3		mg/l	04/22/97	1461639
		I009	Nitrogen, Ammonia	100		mg/l	05/04/95	1460353
		I009	Nitrogen, Ammonia	76		mg/l	07/18/95	1460438
		I009	Nitrogen, Ammonia	100		mg/l	10/13/95	1460578
		I009	Nitrogen, Ammonia	85		mg/l	10/17/95	1460613
	FILTERED 1460613	I009	Nitrogen, Ammonia	84		mg/l	10/17/95	1460629
		I009	Nitrogen, Ammonia	79		mg/l	02/01/96	1460686
		I009	Nitrogen, Ammonia	120		mg/l	05/01/96	1460752
	FILTERED	I009	Nitrogen, Ammonia	150		mg/l	07/29/96	1460978
	FILTERED	I009	Nitrogen, Ammonia	125		mg/l	10/23/96	1461235
	FILTERED 1461264	I009	Nitrogen, Ammonia	286		mg/l	10/16/96	1461305
	FILTERED	I009	Nitrogen, Ammonia	95.0		mg/l	01/24/97	1461577
	FILTERED	I009	Nitrogen, Ammonia	102		mg/l	04/22/97	1461639
	FILTERED 1460613	I012	Nitrate as N	5.6	j	mg/l	10/17/95	1460629
	FILTERED 1460613	I014	Nitrite as N	< 0.050	uj	mg/l	10/17/95	1460629
	FILTERED 1460613	I017	Ortho Phosphate as Phosphorus	< 0.02		mg/l	10/17/95	1460629
		I018	Sulfate as SO4	310		mg/l	05/04/95	1460353
		I018	Sulfate as SO4	230		mg/l	07/18/95	1460438

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Inorganic Parameters
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
GW-43-S								
			Inorganic Non-metals					
		I018	Sulfate as SO4	480		mg/l	10/13/95	1460578
	FILTERED 1460613	I018	Sulfate as SO4	440		mg/l	10/17/95	1460629
		I018	Sulfate as SO4	280		mg/l	02/01/96	1460686
		I018	Sulfate as SO4	490		mg/l	05/01/96	1460752
	FILTERED	I018	Sulfate as SO4	800		mg/l	07/29/96	1460978
	FILTERED	I018	Sulfate as SO4	599		mg/l	10/23/96	1461235
	FILTERED 1461264	I018	Sulfate as SO4	1830		mg/l	10/16/96	1461305
	FILTERED	I018	Sulfate as SO4	499		mg/l	01/24/97	1461577
	FILTERED	I018	Sulfate as SO4	462		mg/l	04/22/97	1461639
	FILTERED 1460613	I026	Bicarbonate Alkalinity as CaCO3	76		mg/l	10/17/95	1460629
	FILTERED 1460613	I027	Carbonate Alkalinity as CaCO3	< 20		mg/l	10/17/95	1460629
	FILTERED 1460613	I030	Bromide	< 1	uj	mg/l	10/17/95	1460629
		I040	Silica as SiO2	16		mg/l	10/17/95	1460613
	FILTERED 1460613	I040	Silica as SiO2	14		mg/l	10/17/95	1460629
	FILTERED 1460613	I044	Phosphorous	< 0.10	uj	mg/l	10/17/95	1460629
	FILTERED 1460613	I058	Sulfide	< 1		mg/l	10/17/95	1460629
		I059	Dissolved Oxygen, Field	0.1		mg/l	10/17/95	1460613
		I060	Eh Field	+387		mv	10/17/95	1460613
	FILTERED 1460613	I067	Alkalinity - Field	76		mg/l	10/17/95	1460629
	FILTERED 1461264	I070	Bicarbonate as HCO3	270		mg/l	10/16/96	1461305
			Physical Properties					
	FILTERED 1460613	F007	Total Dissolved Solids (TDS)	720		mg/l	10/17/95	1460629
		F009	pH Laboratory	6.10		Std. Un	05/04/95	1460353
		F009	pH Laboratory	6.40		Std. Un	07/18/95	1460438
		F009	pH Laboratory	6.00		Std. Un	10/13/95	1460578
		F009	pH Laboratory	6.10		Std. Un	02/01/96	1[illegible]6
		F009	pH Laboratory	6.30		Std. Un	05/01/96	1[illegible]
	FILTERED	F009	pH Laboratory	6.30		Std. Un	07/29/96	14[illegible]8
	FILTERED	F009	pH Laboratory	5.80		Std. Un	10/23/96	1461235
	FILTERED	F009	pH Laboratory	6.35		Std. Un	01/24/97	1461577
	FILTERED	F009	pH Laboratory	6.71		Std. Un	04/22/97	1461639
		F037	pH Field	6.14		Std. Un	05/04/95	1460353
		F037	pH Field	6.15		Std. Un	07/18/95	1460438
		F037	pH Field	5.71		Std. Un	10/13/95	1460578
		F037	pH Field	5.88		Std. Un	10/17/95	1460613
		F037	pH Field	5.77		Std. Un	02/01/96	1460686
		F037	pH Field	6.26		Std. Un	05/01/96	1460752
	FILTERED	F037	pH Field	6.42		Std. Un	10/23/96	1461235
		F037	pH Field	6.20		Std. Un	10/16/96	1461264
	FILTERED	F037	pH Field	6.15		Std. Un	01/24/97	1461577
	FILTERED	F037	pH Field	6.37		Std. Un	04/22/97	1461639
		F062	Specific Conductance - Field	1390		umhos	05/04/95	1460353
		F062	Specific Conductance - Field	1250		umhos	07/18/95	1460438
		F062	Specific Conductance - Field	1650		umhos	10/13/95	1460578
		F062	Specific Conductance - Field	1690		umhos	10/17/95	1460613
		F062	Specific Conductance - Field	263		umhos	02/01/96	1460686
		F062	Specific Conductance - Field	2260		umhos	05/01/96	1460752
	FILTERED	F062	Specific Conductance - Field	2890		umhos	07/29/96	1460978
	FILTERED	F062	Specific Conductance - Field	1730		umhos	10/23/96	1461235
		F062	Specific Conductance - Field	2410		umhos	10/16/96	1461264
	FILTERED	F062	Specific Conductance - Field	1730		umhos	01/24/97	1461577
	FILTERED	F062	Specific Conductance - Field	1790		umhos	04/22/97	1461639
		F064	Temperature - Field	9.6		deg. C	05/04/95	1460353
		F064	Temperature - Field	14.2		deg. C	07/18/95	1460438
		F064	Temperature - Field	16.6		deg. C	10/13/95	1460578
		F064	Temperature - Field	15.8		deg. C	10/17/95	1460613
		F064	Temperature - Field	3.5		deg. C	02/01/96	1460686
		F064	Temperature - Field	9.3		deg. C	05/01/96	1460752
	FILTERED	F064	Temperature - Field	13.4		deg. C	07/29/96	1460978

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Groundwater Analytical Results
Inorganic Parameters
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
GW-43-S								
			Physical Properties					
	FILTERED	F064	Temperature - Field	14.3		deg. C	10/23/96	1461235
		F064	Temperature - Field	15		deg. C	10/16/96	1461264
	FILTERED	F064	Temperature - Field	8.4		deg. C	01/24/97	1461577
	FILTERED	F064	Temperature - Field	8.3		deg. C	04/22/97	1461639
GW-44-D								
			Metals					
		M001	Aluminum	990		mg/l	10/17/95	1460607
		M003	Arsenic	< 2.5	uj	mg/l	10/17/95	1460607
		M004	Barium	< 0.050	uj	mg/l	10/17/95	1460607
		M007	Calcium	360	Bj	mg/l	10/17/95	1460607
		M008	Chromium	790		mg/l	10/17/95	1460607
		M011	Iron	1800	j	mg/l	10/17/95	1460607
		M012	Lead	0.10	j	mg/l	10/17/95	1460607
		M013	Magnesium	750	j	mg/l	10/17/95	1460607
		M014	Manganese	150		mg/l	10/17/95	1460607
		M017	Potassium	110		mg/l	10/17/95	1460607
		M020	Sodium	10000		mg/l	10/17/95	1460607
			Metals - Dissolved					
	FILTERED 1460607	M028	Arsenic, Dissolved	< 2.5	uj	mg/l	10/17/95	1460623
	FILTERED 1460607	M029	Barium, Dissolved	< 0.50	uj	mg/l	10/17/95	1460623
	FILTERED 1460607	M033	Calcium, Dissolved	500	j	mg/l	10/17/95	1460623
	FILTERED 1460607	M035	Hexavalent Chromium, Dissolved	4.7		mg/l	10/17/95	1460623
	FILTERED 1460607	M036	Chromium, Dissolved	900		mg/l	10/17/95	1460623
	FILTERED 1460607	M040	Iron, Dissolved	2500	j	mg/l	10/17/95	1460623
	FILTERED 1460607	M042	Potassium, Dissolved	680		mg/l	10/17/95	1460623
	FILTERED 1460607	M044	Magnesium, Dissolved	[illegible]	j	mg/l	10/17/95	1460623
	FILTERED 1460607	M045	Manganese, Dissolved	[illegible]		mg/l	10/17/95	1460623
	FILTERED 1460607	M047	Sodium, Dissolved	11000		mg/l	10/17/95	1460623
	FILTERED 1460607	M048	Lead, Dissolved	< 0.50	uj	mg/l	10/17/95	1460623
	FILTERED 1460607	M054	Aluminum, Dissolved	1300		mg/l	10/17/95	1460623
	FILTERED 1460607	M109	Trivalent Chromium, Dissolved	900		mg/l	10/17/95	1460623
	FILTERED 1460607	M111	Total Iron, Field	1875		mg/l	10/17/95	1460623
	FILTERED 1460607	M112	Iron as Fe+2 - Field	151		mg/l	10/17/95	1460623
	FILTERED 1460607	M113	Iron as Fe+3 - Field	1724		mg/l	10/17/95	1460623
	FILTERED 1460607	M114	Hexavalent Chromium, Field	< 0.0		mg/l	10/17/95	1460623
			Inorganic Non-metals					
	FILTERED 1460607	I005	Chloride	13000		mg/l	10/17/95	1460623
		I009	Nitrogen, Ammonia	4100		mg/l	10/17/95	1460607
	FILTERED 1460607	I009	Nitrogen, Ammonia	3400		mg/l	10/17/95	1460623
	FILTERED 1460607	I012	Nitrate as N	5.9	j	mg/l	10/17/95	1460623
	FILTERED 1460607	I014	Nitrite as N	< 0.20	uj	mg/l	10/17/95	1460623
	FILTERED 1460607	I017	Ortho Phosphate as Phosphorus	0.5		mg/l	10/17/95	1460623
	FILTERED 1460607	I018	Sulfate as SO4	28000		mg/l	10/17/95	1460623
	FILTERED 1460607	I026	Bicarbonate Alkalinity as CaCO3	NR		mg/l	10/17/95	1460623
	FILTERED 1460607	I027	Carbonate Alkalinity as CaCO3	NR		mg/l	10/17/95	1460623
	FILTERED 1460607	I030	Bromide	< 20		mg/l	10/17/95	1460623
		I040	Silica as SiO2	61		mg/l	10/17/95	1460607
	FILTERED 1460607	I040	Silica as SiO2	63		mg/l	10/17/95	1460623
	FILTERED 1460607	I044	Phosphorous	5.5	j	mg/l	10/17/95	1460623
	FILTERED 1460607	I058	Sulfide	< 2		mg/l	10/17/95	1460623
		I059	Dissolved Oxygen, Field	< 0.0		mg/l	10/17/95	1460607
		I060	Eh Field	+431		mv	10/17/95	1460607
	FILTERED 1460607	I067	Alkalinity - Field	< NR		mg/l	10/17/95	1460623
			Physical Properties					
	FILTERED 1460607	F007	Total Dissolved Solids (TDS)	96000		mg/l	10/17/95	1460623
		F024	Specific Gravity	1.066		g/ml	04/10/97	1461606
	FILTERED 1460607	F031	Viscosity	3.50		cpoise	10/17/95	1460623
		F031	Viscosity	1.52		cpoise	04/10/97	1461606

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TABLE-22
Groundwater Analytical Results
Inorganic Parameters
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
GW-44-D								
			Physical Properties					
		F037	pH Field	3.80		Std. Un	10/17/95	1460607
		F062	Specific Conductance - Field	67800		umhos	10/17/95	1460607
		F062	Specific Conductance - Field	67800		umhos	04/30/96	1461005
		F064	Temperature - Field	9.8		deg. C	10/17/95	1460607
		F064	Temperature - Field	9.7		deg. C	04/30/96	1461005
		F066	Specific Gravity, Field	1.055		g/ml	01/10/95	1460341
		F066	Specific Gravity, Field	1.050		g/ml	04/30/96	1461005
GW-44-S								
			Metals					
		M001	Aluminum	< 0.10		mg/l	10/17/95	1460606
		M003	Arsenic	< 0.005		mg/l	10/17/95	1460606
		M004	Barium	0.006		mg/l	10/17/95	1460606
		M007	Calcium	5.1	B	mg/l	10/17/95	1460606
		M008	Chromium	< 0.015		mg/l	10/17/95	1460606
		M008	Chromium	< 0.015		mg/l	10/17/95	1460606
		M011	Iron	< 0.054	u	mg/l	10/17/95	1460606
		M013	Magnesium	0.92		mg/l	10/17/95	1460606
		M014	Manganese	0.015	j	mg/l	10/17/95	1460606
		M017	Potassium	0.74		mg/l	10/17/95	1460606
		M020	Sodium	12		mg/l	10/17/95	1460606
			Metals - Dissolved					
	FILTERED 1460606	M028	Arsenic, Dissolved	< 0.005		mg/l	10/17/95	1460622
	FILTERED 1461270	M028	Arsenic, Dissolved	< 0.010		mg/l	10/17/96	1461307
	FILTERED 1460606	M029	Barium, Dissolved	0.005		mg/l	10/17/95	1460622
	FILTERED 1461270	M029	Barium, Dissolved	< 0.20		mg/l	10/17/96	1[illegible]7
	FILTERED 1461270	M031	Beryllium, Dissolved	< 0.005		mg/l	10/17/96	1[illegible]
	FILTERED 1461270	M032	Silver, Dissolved	< 0.01		mg/l	10/17/96	14[illegible]07
	FILTERED 1460606	M033	Calcium, Dissolved	4.9		mg/l	10/17/95	1460622
	FILTERED 1461270	M033	Calcium, Dissolved	< 5.0		mg/l	10/17/96	1461307
	FILTERED 1461270	M034	Cadmium, Dissolved	< 0.005		mg/l	10/17/96	1461307
	FILTERED 1460606	M035	Hexavalent Chromium, Dissolved	< 0.015	uj	mg/l	10/17/95	1460622
	FILTERED 1460606	M036	Chromium, Dissolved	< 0.015		mg/l	10/17/95	1460622
	FILTERED 1461270	M036	Chromium, Dissolved	< 0.01		mg/l	10/17/96	1461307
	FILTERED 1461270	M037	Copper, Dissolved	< 0.025		mg/l	10/17/96	1461307
	FILTERED 1460606	M040	Iron, Dissolved	< 0.025		mg/l	10/17/95	1460622
	FILTERED 1461270	M040	Iron, Dissolved	0.55		mg/l	10/17/96	1461307
	FILTERED 1461270	M041	Mercury, Dissolved	< 0.2		ug/l	10/17/96	1461307
	FILTERED 1460606	M042	Potassium, Dissolved	< 3		mg/l	10/17/95	1460622
	FILTERED 1461270	M042	Potassium, Dissolved	< 5.0		mg/l	10/17/96	1461307
	FILTERED 1460606	M044	Magnesium, Dissolved	0.86		mg/l	10/17/95	1460622
	FILTERED 1461270	M044	Magnesium, Dissolved	< 5.00		mg/l	10/17/96	1461307
	FILTERED 1460606	M045	Manganese, Dissolved	0.011	j	mg/l	10/17/95	1460622
	FILTERED 1461270	M045	Manganese, Dissolved	< 0.015		mg/l	10/17/96	1461307
	FILTERED 1460606	M047	Sodium, Dissolved	12		mg/l	10/17/95	1460622
	FILTERED 1461270	M047	Sodium, Dissolved	7.11		mg/l	10/17/96	1461307
	FILTERED 1460606	M048	Lead, Dissolved	< 0.005		mg/l	10/17/95	1460622
	FILTERED 1461270	M048	Lead, Dissolved	< 0.003		mg/l	10/17/96	1461307
	FILTERED 1461270	M050	Selenium, Dissolved	< 0.005		mg/l	10/17/96	1461307
	FILTERED 1461270	M053	Zinc, Dissolved	< 0.02		mg/l	10/17/96	1461307
	FILTERED 1460606	M054	Aluminum, Dissolved	< 0.10		mg/l	10/17/95	1460622
	FILTERED 1461270	M054	Aluminum, Dissolved	< 0.2		mg/l	10/17/96	1461307
	FILTERED 1461270	M055	Cobalt, Dissolved	< 0.05		mg/l	10/17/96	1461307
	FILTERED 1461270	M059	Nickel, Dissolved	< 0.04		mg/l	10/17/96	1461307
	FILTERED 1461270	M098	Thallium, Dissolved	< 0.01		mg/l	10/17/96	1461307
	FILTERED 1461270	M099	Vanadium, Dissolved	< 0.05		mg/l	10/17/96	1461307
	FILTERED 1461270	M100	Antimony, Dissolved	< 0.06		mg/l	10/17/96	1461307
	FILTERED 1460606	M109	Trivalent Chromium, Dissolved	< 0.015	uj	mg/l	10/17/95	1460622
	FILTERED 1460606	M111	Total Iron, Field	0.07		mg/l	10/17/95	1460622

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TABLE-22
Groundwater Analytical Results
Inorganic Parameters
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
GW-44-S								
			Metals - Dissolved					
	FILTERED 1460606	M112	Iron as Fe+2 - Field	0.05		mg/l	10/17/95	1460622
	FILTERED 1460606	M113	Iron as Fe+3 - Field	0.02		mg/l	10/17/95	1460622
	FILTERED 1460606	M114	Hexavalent Chromium, Field	< 0.0		mg/l	10/17/95	1460622
			Inorganic Non-metals					
	FILTERED 1460606	I005	Chloride	9		mg/l	10/17/95	1460622
	FILTERED 1461270	I005	Chloride	< 3.00		mg/l	10/17/96	1461307
		I009	Nitrogen, Ammonia	0.12	j	mg/l	10/17/95	1460606
	FILTERED 1460606	I009	Nitrogen, Ammonia	2.3	j	mg/l	10/17/95	1460622
	FILTERED 1461270	I009	Nitrogen, Ammonia	0.22		mg/l	10/17/96	1461307
	FILTERED 1460606	I012	Nitrate as N	< 0.13	u	mg/l	10/17/95	1460622
	FILTERED 1460606	I014	Nitrite as N	< 0.050	uj	mg/l	10/17/95	1460622
	FILTERED 1460606	I017	Ortho Phosphate as Phosphorus	0.08		mg/l	10/17/95	1460622
	FILTERED 1460606	I018	Sulfate as SO4	< 9	u	mg/l	10/17/95	1460622
	FILTERED 1461270	I018	Sulfate as SO4	< 10.0		mg/l	10/17/96	1461307
	FILTERED 1460606	I026	Bicarbonate Alkalinity as CaCO3	24		mg/l	10/17/95	1460622
	FILTERED 1460606	I027	Carbonate Alkalinity as CaCO3	< 20		mg/l	10/17/95	1460622
	FILTERED 1460606	I030	Bromide	< 1		mg/l	10/17/95	1460622
		I040	Silica as SiO2	3.5		mg/l	10/17/95	1460606
	FILTERED 1460606	I040	Silica as SiO2	3.1		mg/l	10/17/95	1460622
	FILTERED 1460606	I044	Phosphorous	1.1	j	mg/l	10/17/95	1460622
	FILTERED 1460606	I058	Sulfide	< 1		mg/l	10/17/95	1460622
		I059	Dissolved Oxygen, Field	< 0.0		mg/l	10/17/95	1460606
		I060	Eh Field	+352		mv	10/17/95	1460606
	FILTERED 1460606	I067	Alkalinity - Field	25		mg/l	10/17/95	1460622
	FILTERED 1461270	I070	Bicarbonate as HCO3	19.0		mg/l	10/17/96	1461307
			Physical Properties					
	FILTERED 1460606	F007	Total Dissolved Solids (TDS)	< 58	u	mg/l	10/17/95	1460622
		F024	Specific Gravity	1.003		g/ml	04/10/97	1461605
	FILTERED 1460606	F031	Viscosity	3.00		cpoise	10/17/95	1460622
		F031	Viscosity	1.24		cpoise	04/10/97	1461605
		F037	pH Field	6.28		Std. Un	10/17/95	1460606
		F037	pH Field	7.20		Std. Un	10/17/96	1461270
		F062	Specific Conductance - Field	101		umhos	10/17/95	1460606
		F062	Specific Conductance - Field	51		umhos	10/17/96	1461270
		F064	Temperature - Field	13.6		deg. C	10/17/95	1460606
		F064	Temperature - Field	14		deg. C	10/17/96	1461270
GW-45-D								
			Metals					
		M001	Aluminum	800	j	mg/l	10/17/95	1460609
		M003	Arsenic	< 2.5	uj	mg/l	10/17/95	1460609
		M004	Barium	< 0.050	uj	mg/l	10/17/95	1460609
		M007	Calcium	350	Bj	mg/l	10/17/95	1460609
		M008	Chromium	560		mg/l	10/17/95	1460609
		M011	Iron	1200		mg/l	10/17/95	1460609
		M012	Lead	0.087	j	mg/l	10/17/95	1460609
		M013	Magnesium	540	j	mg/l	10/17/95	1460609
		M014	Manganese	260		mg/l	10/17/95	1460609
		M017	Potassium	110		mg/l	10/17/95	1460609
		M020	Sodium	8700		mg/l	10/17/95	1460609
			Metals - Dissolved					
	FILTERED 1460338	M028	Arsenic, Dissolved	< 0.25		mg/l	01/13/95	1460292
	FILTERED 1460609	M028	Arsenic, Dissolved	< 2.5	uj	mg/l	10/17/95	1460625
	FILTERED 1460338	M029	Barium, Dissolved	0.037		mg/l	01/13/95	1460292
	FILTERED 1460609	M029	Barium, Dissolved	< 0.50	uj	mg/l	10/17/95	1460625
	FILTERED 1460338	M033	Calcium, Dissolved	690		mg/l	01/13/95	1460292
	FILTERED 1460609	M033	Calcium, Dissolved	500	j	mg/l	10/17/95	1460625
	FILTERED 1460338	M035	Hexavalent Chromium, Dissolved	16		mg/l	01/13/95	1460292
	FILTERED 1460609	M035	Hexavalent Chromium, Dissolved	2.4	j	mg/l	10/17/95	1460625

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TABLE-22
Groundwater Analytical Results
Inorganic Parameters
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
GW-45-D								
			Metals - Dissolved					
	FILTERED 1460338	M036	Chromium, Dissolved	710		mg/l	01/13/95	1460292
	FILTERED 1460609	M036	Chromium, Dissolved	680		mg/l	10/17/95	1460625
	FILTERED 1460338	M040	Iron, Dissolved	1700		mg/l	01/13/95	1460292
	FILTERED 1460609	M040	Iron, Dissolved	1500		mg/l	10/17/95	1460625
	FILTERED 1460338	M042	Potassium, Dissolved	100		mg/l	01/13/95	1460292
	FILTERED 1460609	M042	Potassium, Dissolved	99		mg/l	10/17/95	1460625
	FILTERED 1460338	M044	Magnesium, Dissolved	1000		mg/l	01/13/95	1460292
	FILTERED 1460609	M044	Magnesium, Dissolved	770	j	mg/l	10/17/95	1460625
	FILTERED 1460338	M045	Manganese, Dissolved	310		mg/l	01/13/95	1460292
	FILTERED 1460609	M045	Manganese, Dissolved	280		mg/l	10/17/95	1460625
	FILTERED 1460338	M047	Sodium, Dissolved	10000		mg/l	01/13/95	1460292
	FILTERED 1460609	M047	Sodium, Dissolved	9300		mg/l	10/17/95	1460625
	FILTERED 1460338	M048	Lead, Dissolved	< 0.25		mg/l	01/13/95	1460292
	FILTERED 1460609	M048	Lead, Dissolved	< 0.50	uj	mg/l	10/17/95	1460625
	FILTERED 1460338	M054	Aluminum, Dissolved	1200		mg/l	01/13/95	1460292
	FILTERED 1460609	M054	Aluminum, Dissolved	1100	j	mg/l	10/17/95	1460625
	FILTERED 1460338	M109	Trivalent Chromium, Dissolved	690		mg/l	01/13/95	1460292
	FILTERED 1460609	M109	Trivalent Chromium, Dissolved	680	j	mg/l	10/17/95	1460625
	FILTERED 1460338	M111	Total Iron, Field	137		mg/l	01/13/95	1460292
	FILTERED 1460609	M111	Total Iron, Field	1370		mg/l	10/17/95	1460625
	FILTERED 1460338	M112	Iron as Fe+2 - Field	112		mg/l	01/13/95	1460292
	FILTERED 1460609	M112	Iron as Fe+2 - Field	477.5		mg/l	10/17/95	1460625
	FILTERED 1460338	M113	Iron as Fe+3 - Field	25		mg/l	01/13/95	1460292
	FILTERED 1460609	M113	Iron as Fe+3 - Field	912.5		mg/l	10/17/95	1460625
	FILTERED 1460338	M114	Hexavalent Chromium, Field	0.01		mg/l	01/13/95	1460292
	FILTERED 1460609	M114	Hexavalent Chromium, Field	< 0.0		mg/l	10/17/95	1[illegible]25
			Inorganic Non-metals					
	FILTERED 1460338	I005	Chloride	9300		mg/l	01/13/95	1[illegible]2
	FILTERED 1460609	I005	Chloride	8900		mg/l	10/17/95	1460625
	FILTERED 1460338	I009	Nitrogen, Ammonia	3000		mg/l	01/13/95	1460292
		I009	Nitrogen, Ammonia	3900		mg/l	10/17/95	1460609
	FILTERED 1460609	I009	Nitrogen, Ammonia	3300		mg/l	10/17/95	1460625
	FILTERED 1460338	I012	Nitrate as N	24		mg/l	01/13/95	1460292
	FILTERED 1460609	I012	Nitrate as N	7.5	j	mg/l	10/17/95	1460625
	FILTERED 1460338	I014	Nitrite as N	0.081		mg/l	01/13/95	1460292
	FILTERED 1460609	I014	Nitrite as N	< 0.20	uj	mg/l	10/17/95	1460625
	FILTERED 1460338	I017	Ortho Phosphate as Phosphorus	0.2		mg/l	01/13/95	1460292
	FILTERED 1460609	I017	Ortho Phosphate as Phosphorus	0.4		mg/l	10/17/95	1460625
	FILTERED 1460338	I018	Sulfate as SO4	39000		mg/l	01/13/95	1460292
	FILTERED 1460609	I018	Sulfate as SO4	32000		mg/l	10/17/95	1460625
	FILTERED 1460338	I026	Bicarbonate Alkalinity as CaCO3	< NR		mg/l	01/13/95	1460292
	FILTERED 1460609	I026	Bicarbonate Alkalinity as CaCO3	< 20		mg/l	10/17/95	1460625
	FILTERED 1460338	I027	Carbonate Alkalinity as CaCO3	< NR		mg/l	01/13/95	1460292
	FILTERED 1460609	I027	Carbonate Alkalinity as CaCO3	NR		mg/l	10/17/95	1460625
	FILTERED 1460338	I030	Bromide	< 1000		mg/l	01/13/95	1460292
	FILTERED 1460609	I030	Bromide	< 20		mg/l	10/17/95	1460625
	FILTERED 1460338	I040	Silica as SiO2	59		mg/l	01/13/95	1460292
		I040	Silica as SiO2	54		mg/l	10/17/95	1460609
	FILTERED 1460609	I040	Silica as SiO2	56		mg/l	10/17/95	1460625
	FILTERED 1460338	I044	Phosphorous	7.2		mg/l	01/13/95	1460292
	FILTERED 1460609	I044	Phosphorous	4.4	j	mg/l	10/17/95	1460625
	FILTERED 1460338	I058	Sulfide	< 1		mg/l	01/13/95	1460292
	FILTERED 1460609	I058	Sulfide	< 2		mg/l	10/17/95	1460625
		I059	Dissolved Oxygen, Field	42.6		mg/l	01/13/95	1460338
		I059	Dissolved Oxygen, Field	0.1		mg/l	10/17/95	1460609
		I060	Eh Field	+425		mv	01/13/95	1460338
		I060	Eh Field	+431		mv	10/17/95	1460609
	FILTERED 1460338	I065	Acidity as CaCO3 - Field	10400		mg/l	01/13/95	1460292
	FILTERED 1460609	I067	Alkalinity - Field	< NR		mg/l	10/17/95	1460625

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TABLE-22
Groundwater Analytical Results
Inorganic Parameters
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
GW-45-D								
			Inorganic Non-metals					
	FILTERED 1460338	I072	CO2 as C	164		mg/l	01/13/95	1460292
			Physical Properties					
	FILTERED 1460338	F007	Total Dissolved Solids (TDS)	55000		mg/l	01/13/95	1460292
	FILTERED 1460609	F007	Total Dissolved Solids (TDS)	29000		mg/l	10/17/95	1460625
		F024	Specific Gravity	1.042		g/ml	04/10/97	1461604
	FILTERED 1460338	F031	Viscosity	3.80		cpoise	01/13/95	1460292
		F031	Viscosity	1.44		cpoise	04/10/97	1461604
		F037	pH Field	3.72		Std. Un	01/13/95	1460338
		F037	pH Field	3.97		Std. Un	10/17/95	1460609
		F062	Specific Conductance - Field	53900		umhos	01/13/95	1460338
		F062	Specific Conductance - Field	57500		umhos	10/17/95	1460609
		F062	Specific Conductance - Field	58100		umhos	04/30/96	1461006
		F064	Temperature - Field	10.5		deg. C	01/13/95	1460338
		F064	Temperature - Field	11.2		deg. C	10/17/95	1460609
		F064	Temperature - Field	10.5		deg. C	04/30/96	1461006
		F066	Specific Gravity, Field	1.035		g/ml	04/30/96	1461006
GW-45-S								
			Metals					
		M001	Aluminum	< 0.10		mg/l	10/17/95	1460608
		M003	Arsenic	< 0.005		mg/l	10/17/95	1460608
		M004	Barium	0.034		mg/l	10/17/95	1460608
		M007	Calcium	15	B	mg/l	10/17/95	1460608
		M008	Chromium	< 0.015		mg/l	10/17/95	1460608
		M011	Iron	< 0.025		mg/l	10/17/95	1460608
		M012	Lead	< 0.005		mg/l	10/17/95	1460608
		M013	Magnesium	2.4		mg/l	10/17/95	1460608
		M014	Manganese	0.89	j	mg/l	10/17/95	1460608
		M017	Potassium	2.5		mg/l	10/17/95	1460608
		M020	Sodium	68		mg/l	10/17/95	1460608
			Metals - Dissolved					
	FILTERED 1460339	M028	Arsenic, Dissolved	< 0.005		mg/l	01/13/95	1460293
	FILTERED 1460608	M028	Arsenic, Dissolved	< 0.005		mg/l	10/17/95	1460624
	FILTERED 1461271	M028	Arsenic, Dissolved	< 0.010		mg/l	10/17/96	1461308
	FILTERED 1460339	M029	Barium, Dissolved	0.037		mg/l	01/13/95	1460293
	FILTERED 1460608	M029	Barium, Dissolved	0.034		mg/l	10/17/95	1460624
	FILTERED 1461271	M029	Barium, Dissolved	< 0.20		mg/l	10/17/96	1461308
	FILTERED 1461271	M031	Beryllium, Dissolved	< 0.005		mg/l	10/17/96	1461308
	FILTERED 1461271	M032	Silver, Dissolved	< 0.01		mg/l	10/17/96	1461308
	FILTERED 1460339	M033	Calcium, Dissolved	18		mg/l	01/13/95	1460293
	FILTERED 1460608	M033	Calcium, Dissolved	16		mg/l	10/17/95	1460624
	FILTERED 1461271	M033	Calcium, Dissolved	16.4		mg/l	10/17/96	1461308
	FILTERED 1461271	M034	Cadmium, Dissolved	< 0.005		mg/l	10/17/96	1461308
	FILTERED 1460339	M035	Hexavalent Chromium, Dissolved	< 0.015		mg/l	01/13/95	1460293
	FILTERED 1460608	M035	Hexavalent Chromium, Dissolved	< 0.015	uj	mg/l	10/17/95	1460624
	FILTERED 1460339	M036	Chromium, Dissolved	< 0.015		mg/l	01/13/95	1460293
	FILTERED 1460608	M036	Chromium, Dissolved	< 0.015		mg/l	10/17/95	1460624
	FILTERED 1461271	M036	Chromium, Dissolved	< 0.01		mg/l	10/17/96	1461308
	FILTERED 1461271	M037	Copper, Dissolved	< 0.025		mg/l	10/17/96	1461308
	FILTERED 1460339	M040	Iron, Dissolved	< 0.025		mg/l	01/13/95	1460293
	FILTERED 1460608	M040	Iron, Dissolved	< 0.076	u	mg/l	10/17/95	1460624
	FILTERED 1461271	M040	Iron, Dissolved	< 0.10		mg/l	10/17/96	1461308
	FILTERED 1461271	M041	Mercury, Dissolved	< 0.2		ug/l	10/17/96	1461308
	FILTERED 1460339	M042	Potassium, Dissolved	3.2		mg/l	01/13/95	1460293
	FILTERED 1460608	M042	Potassium, Dissolved	< 3		mg/l	10/17/95	1460624
	FILTERED 1461271	M042	Potassium, Dissolved	< 5.0		mg/l	10/17/96	1461308
	FILTERED 1460339	M044	Magnesium, Dissolved	3		mg/l	01/13/95	1460293
	FILTERED 1460608	M044	Magnesium, Dissolved	2.5		mg/l	10/17/95	1460624
	FILTERED 1461271	M044	Magnesium, Dissolved	< 5.00		mg/l	10/17/96	1461308

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Groundwater Analytical Results
Inorganic Parameters
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
GW-45-S								
			Metals - Dissolved					
	FILTERED 1460339	M045	Manganese, Dissolved	1.1		mg/l	01/13/95	1460293
	FILTERED 1460608	M045	Manganese, Dissolved	0.91	j	mg/l	10/17/95	1460624
	FILTERED 1461271	M045	Manganese, Dissolved	1.01		mg/l	10/17/96	1461308
	FILTERED 1460339	M047	Sodium, Dissolved	74		mg/l	01/13/95	1460293
	FILTERED 1460608	M047	Sodium, Dissolved	75		mg/l	10/17/95	1460624
	FILTERED 1461271	M047	Sodium, Dissolved	58.3		mg/l	10/17/96	1461308
	FILTERED 1460339	M048	Lead, Dissolved	< 0.005		mg/l	01/13/95	1460293
	FILTERED 1460608	M048	Lead, Dissolved	< 0.005		mg/l	10/17/95	1460624
	FILTERED 1461271	M048	Lead, Dissolved	< 0.003		mg/l	10/17/96	1461308
	FILTERED 1461271	M050	Selenium, Dissolved	< 0.005		mg/l	10/17/96	1461308
	FILTERED 1461271	M053	Zinc, Dissolved	< 0.02		mg/l	10/17/96	1461308
	FILTERED 1460339	M054	Aluminum, Dissolved	< 0.10		mg/l	01/13/95	1460293
	FILTERED 1460608	M054	Aluminum, Dissolved	< 0.10		mg/l	10/17/95	1460624
	FILTERED 1461271	M054	Aluminum, Dissolved	< 0.20		mg/l	10/17/96	1461308
	FILTERED 1461271	M055	Cobalt, Dissolved	< 0.05		mg/l	10/17/96	1461308
	FILTERED 1461271	M059	Nickel, Dissolved	< 0.04		mg/l	10/17/96	1461308
	FILTERED 1461271	M098	Thallium, Dissolved	< 0.01		mg/l	10/17/96	1461308
	FILTERED 1461271	M099	Vanadium, Dissolved	< 0.05		mg/l	10/17/96	1461308
	FILTERED 1461271	M100	Antimony, Dissolved	< 0.06		mg/l	10/17/96	1461308
	FILTERED 1460339	M109	Trivalent Chromium, Dissolved	< 0.015		mg/l	01/13/95	1460293
	FILTERED 1460608	M109	Trivalent Chromium, Dissolved	< 0.015	uj	mg/l	10/17/95	1460624
	FILTERED 1460339	M111	Total Iron, Field	< 0.0		mg/l	01/13/95	1460293
	FILTERED 1460608	M111	Total Iron, Field	0.33		mg/l	10/17/95	1460624
	FILTERED 1460339	M112	Iron as Fe+2 - Field	< 0.0		mg/l	01/13/95	1460293
	FILTERED 1460608	M112	Iron as Fe+2 - Field	0.32		mg/l	10/17/95	1460624
	FILTERED 1460339	M113	Iron as Fe+3 - Field	< 0.0		mg/l	01/13/95	1[illegible]93
	FILTERED 1460608	M113	Iron as Fe+3 - Field	0.01		mg/l	10/17/95	1[illegible]4
	FILTERED 1460339	M114	Hexavalent Chromium, Field	< 0.0		mg/l	01/13/95	14[illegible]93
	FILTERED 1460608	M114	Hexavalent Chromium, Field	< 0.0		mg/l	10/17/95	1460624
			Inorganic Non-metals					
	FILTERED 1460339	I005	Chloride	130		mg/l	01/13/95	1460293
	FILTERED 1460608	I005	Chloride	130		mg/l	10/17/95	1460624
	FILTERED 1461271	I005	Chloride	151		mg/l	10/17/96	1461308
	FILTERED 1460339	I009	Nitrogen, Ammonia	2.5		mg/l	01/13/95	1460293
		I009	Nitrogen, Ammonia	2.8		mg/l	10/17/95	1460608
	FILTERED 1460608	I009	Nitrogen, Ammonia	3.6		mg/l	10/17/95	1460624
	FILTERED 1461271	I009	Nitrogen, Ammonia	2.09		mg/l	10/17/96	1461308
	FILTERED 1460339	I012	Nitrate as N	0.92		mg/l	01/13/95	1460293
	FILTERED 1460608	I012	Nitrate as N	2.0	j	mg/l	10/17/95	1460624
	FILTERED 1460339	I014	Nitrite as N	< 0.05		mg/l	01/13/95	1460293
	FILTERED 1460608	I014	Nitrite as N	< 0.050	uj	mg/l	10/17/95	1460624
	FILTERED 1460339	I017	Ortho Phosphate as Phosphorus	< 0.2		mg/l	01/13/95	1460293
	FILTERED 1460608	I017	Ortho Phosphate as Phosphorus	< 0.02		mg/l	10/17/95	1460624
	FILTERED 1460339	I018	Sulfate as SO4	29		mg/l	01/13/95	1460293
	FILTERED 1460608	I018	Sulfate as SO4	28		mg/l	10/17/95	1460624
	FILTERED 1461271	I018	Sulfate as SO4	32.5		mg/l	10/17/96	1461308
	FILTERED 1460339	I026	Bicarbonate Alkalinity as CaCO3	< 20		mg/l	01/13/95	1460293
	FILTERED 1460608	I026	Bicarbonate Alkalinity as CaCO3	< 20		mg/l	10/17/95	1460624
	FILTERED 1460339	I027	Carbonate Alkalinity as CaCO3	< 20		mg/l	01/13/95	1460293
	FILTERED 1460608	I027	Carbonate Alkalinity as CaCO3	< 20		mg/l	10/17/95	1460624
	FILTERED 1460339	I030	Bromide	< 2		mg/l	01/13/95	1460293
	FILTERED 1460608	I030	Bromide	< 1		mg/l	10/17/95	1460624
	FILTERED 1460339	I040	Silica as SiO2	4.3		mg/l	01/13/95	1460293
		I040	Silica as SiO2	4.2		mg/l	10/17/95	1460608
	FILTERED 1460608	I040	Silica as SiO2	4.3		mg/l	10/17/95	1460624
	FILTERED 1460339	I044	Phosphorous	< 0.1		mg/l	01/13/95	1460293
	FILTERED 1460608	I044	Phosphorous	< 0.10	uj	mg/l	10/17/95	1460624
	FILTERED 1460339	I058	Sulfide	< 1		mg/l	01/13/95	1460293
	FILTERED 1460608	I058	Sulfide	< 1		mg/l	10/17/95	1460624

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Groundwater Analytical Results
Inorganic Parameters
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
GW-45-S								
			Inorganic Non-metals					
		I059	Dissolved Oxygen, Field	0.4		mg/l	01/13/95	1460339
		I059	Dissolved Oxygen, Field	< 0.0		mg/l	10/17/95	1460608
		I060	Eh Field	+420		mv	01/13/95	1460339
		I060	Eh Field	+362		mv	10/17/95	1460608
	FILTERED 1460608	I067	Alkalinity - Field	1		mg/l	10/17/95	1460624
	FILTERED 1461271	I070	Bicarbonate as HCO3	21.0		mg/l	10/17/96	1461308
	FILTERED 1460339	I072	CO2 as C	21		mg/l	01/13/95	1460293
			Physical Properties					
	FILTERED 1460339	F007	Total Dissolved Solids (TDS)	330		mg/l	01/13/95	1460293
	FILTERED 1460608	F007	Total Dissolved Solids (TDS)	280		mg/l	10/17/95	1460624
	FILTERED 1460339	F031	Viscosity	3.00		cpoise	01/13/95	1460293
		F037	pH Field	5.47		Std. Un	01/13/95	1460339
		F037	pH Field	5.57		Std. Un	10/17/95	1460608
		F037	pH Field	6.10		Std. Un	10/17/96	1461271
		F062	Specific Conductance - Field	552		umhos	01/13/95	1460339
		F062	Specific Conductance - Field	558		umhos	10/17/95	1460608
		F062	Specific Conductance - Field	606		umhos	10/17/96	1461271
		F064	Temperature - Field	11.9		deg. C	01/13/95	1460339
		F064	Temperature - Field	14.1		deg. C	10/17/95	1460608
		F064	Temperature - Field	15		deg. C	10/17/96	1461271
GW-47								
			Metals - Dissolved					
	FILTERED 1461272	M028	Arsenic, Dissolved	< 0.010		mg/l	10/16/96	1461309
	FILTERED 1461272	M029	Barium, Dissolved	< 0.20		mg/l	10/16/96	1461309
	FILTERED 1461272	M031	Beryllium, Dissolved	< 0.005		mg/l	10/16/96	1461309
	FILTERED 1461272	M032	Silver, Dissolved	< 0.01		mg/l	10/16/96	1461309
	FILTERED 1461272	M033	Calcium, Dissolved	23.6		mg/l	10/16/96	1461309
	FILTERED 1461272	M034	Cadmium, Dissolved	< 0.005		mg/l	10/16/96	1461309
	FILTERED 1461272	M036	Chromium, Dissolved	< 0.01		mg/l	10/16/96	1461309
	FILTERED 1461272	M037	Copper, Dissolved	< 0.025		mg/l	10/16/96	1461309
	FILTERED 1461272	M040	Iron, Dissolved	0.182		mg/l	10/16/96	1461309
	FILTERED 1461272	M041	Mercury, Dissolved	< 0.2		ug/l	10/16/96	1461309
	FILTERED 1461272	M042	Potassium, Dissolved	< 5.0		mg/l	10/16/96	1461309
	FILTERED 1461272	M044	Magnesium, Dissolved	< 5.00		mg/l	10/16/96	1461309
	FILTERED 1461272	M045	Manganese, Dissolved	0.29		mg/l	10/16/96	1461309
	FILTERED 1461272	M047	Sodium, Dissolved	10.5		mg/l	10/16/96	1461309
	FILTERED 1461272	M048	Lead, Dissolved	< 0.003		mg/l	10/16/96	1461309
	FILTERED 1461272	M050	Selenium, Dissolved	< 0.005		mg/l	10/16/96	1461309
	FILTERED 1461272	M053	Zinc, Dissolved	< 0.02		mg/l	10/16/96	1461309
	FILTERED 1461272	M054	Aluminum, Dissolved	< 0.20		mg/l	10/16/96	1461309
	FILTERED 1461272	M055	Cobalt, Dissolved	< 0.05		mg/l	10/16/96	1461309
	FILTERED 1461272	M059	Nickel, Dissolved	< 0.04		mg/l	10/16/96	1461309
	FILTERED 1461272	M098	Thallium, Dissolved	< 0.01		mg/l	10/16/96	1461309
	FILTERED 1461272	M099	Vanadium, Dissolved	< 0.05		mg/l	10/16/96	1461309
	FILTERED 1461272	M100	Antimony, Dissolved	< 0.06		mg/l	10/16/96	1461309
			Inorganic Non-metals					
	FILTERED 1461272	I005	Chloride	10.4		mg/l	10/16/96	1461309
	FILTERED 1461272	I009	Nitrogen, Ammonia	0.067		mg/l	10/16/96	1461309
	FILTERED 1461272	I018	Sulfate as SO4	13.6		mg/l	10/16/96	1461309
	FILTERED 1461272	I070	Bicarbonate as HCO3	32.0		mg/l	10/16/96	1461309
			Physical Properties					
		F037	pH Field	6.00		Std. Un	10/16/96	1461272
		F064	Temperature - Field	14		deg. C	10/16/96	1461272
GW-50-D								
			Metals					
		M001	Aluminum	< 0.10		mg/l	10/17/95	1460619
		M003	Arsenic	< 0.005		mg/l	10/17/95	1460619

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Groundwater Analytical Results
Inorganic Parameters
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
GW-50-D								
			Metals					
		M004	Barium	0.016		mg/l	10/17/95	1460619
		M007	Calcium	330	B	mg/l	10/17/95	1460619
		M008	Chromium	< 0.015		mg/l	10/17/95	1460619
		M011	Iron	0.38		mg/l	10/17/95	1460619
		M012	Lead	< 0.005		mg/l	10/17/95	1460619
		M013	Magnesium	84		mg/l	10/17/95	1460619
		M014	Manganese	10	j	mg/l	10/17/95	1460619
		M017	Potassium	26		mg/l	10/17/95	1460619
		M020	Sodium	1200		mg/l	10/17/95	1460619
			Metals - Dissolved					
	FILTERED 1460334	M028	Arsenic, Dissolved	< 0.025		mg/l	01/12/95	1460188
	FILTERED 1460619	M028	Arsenic, Dissolved	< 0.005		mg/l	10/17/95	1460635
	FILTERED 1460334	M029	Barium, Dissolved	0.01		mg/l	01/12/95	1460188
	FILTERED 1460619	M029	Barium, Dissolved	0.017		mg/l	10/17/95	1460635
	FILTERED 1460334	M033	Calcium, Dissolved	410		mg/l	01/12/95	1460188
	FILTERED 1460619	M033	Calcium, Dissolved	430		mg/l	10/17/95	1460635
	FILTERED 1460334	M035	Hexavalent Chromium, Dissolved	< 0.015		mg/l	01/12/95	1460188
	FILTERED 1460619	M035	Hexavalent Chromium, Dissolved	< 0.015	uj	mg/l	10/17/95	1460635
	FILTERED 1460334	M036	Chromium, Dissolved	< 0.015		mg/l	01/12/95	1460188
	PRE-PURGE/FILT.	M036	Chromium, Dissolved	< 0.015		mg/l	01/12/95	1460194
	FILTERED 1460619	M036	Chromium, Dissolved	< 0.015		mg/l	10/17/95	1460635
	FILTERED 1460334	M040	Iron, Dissolved	0.26		mg/l	01/12/95	1460188
	FILTERED 1460619	M040	Iron, Dissolved	< 0.35	u	mg/l	10/17/95	1460635
	FILTERED 1460334	M042	Potassium, Dissolved	46		mg/l	01/12/95	1460188
	FILTERED 1460619	M042	Potassium, Dissolved	39		mg/l	10/17/95	1460635
	FILTERED 1460334	M044	Magnesium, Dissolved	97		mg/l	01/12/95	1[illegible]8
	FILTERED 1460619	M044	Magnesium, Dissolved	100		mg/l	10/17/95	1[illegible]5
	FILTERED 1460334	M045	Manganese, Dissolved	13		mg/l	01/12/95	1460188
	FILTERED 1460619	M045	Manganese, Dissolved	13	j	mg/l	10/17/95	1460635
	FILTERED 1460334	M047	Sodium, Dissolved	1500		mg/l	01/12/95	1460188
	FILTERED 1460619	M047	Sodium, Dissolved	1300		mg/l	10/17/95	1460635
	FILTERED 1460334	M048	Lead, Dissolved	< 0.025		mg/l	01/12/95	1460188
	FILTERED 1460619	M048	Lead, Dissolved	< 0.005		mg/l	10/17/95	1460635
	FILTERED 1460334	M054	Aluminum, Dissolved	0.11		mg/l	01/12/95	1460188
	FILTERED 1460619	M054	Aluminum, Dissolved	< 0.10		mg/l	10/17/95	1460635
	FILTERED 1460334	M109	Trivalent Chromium, Dissolved	< 0.015		mg/l	01/12/95	1460188
	FILTERED 1460619	M109	Trivalent Chromium, Dissolved	< 0.015	uj	mg/l	10/17/95	1460635
	FILTERED 1460334	M111	Total Iron, Field	0.31		mg/l	01/12/95	1460188
	FILTERED 1460619	M111	Total Iron, Field	0.43		mg/l	10/17/95	1460635
	FILTERED 1460334	M112	Iron as Fe+2 - Field	0.3		mg/l	01/12/95	1460188
	FILTERED 1460619	M112	Iron as Fe+2 - Field	0.43		mg/l	10/17/95	1460635
	FILTERED 1460334	M113	Iron as Fe+3 - Field	0.01		mg/l	01/12/95	1460188
	FILTERED 1460619	M113	Iron as Fe+3 - Field	< 0.0		mg/l	10/17/95	1460635
	FILTERED 1460334	M114	Hexavalent Chromium, Field	0.01		mg/l	01/12/95	1460188
			Inorganic Non-metals					
	FILTERED 1460334	I005	Chloride	1600		mg/l	01/12/95	1460188
	PRE-PURGE/FILT.	I005	Chloride	700		mg/l	01/12/95	1460194
	FILTERED 1460619	I005	Chloride	1200		mg/l	10/17/95	1460635
	FILTERED 1460334	I009	Nitrogen, Ammonia	800		mg/l	01/12/95	1460188
	PRE-PURGE/FILT.	I009	Nitrogen, Ammonia	540		mg/l	01/12/95	1460194
		I009	Nitrogen, Ammonia	950		mg/l	10/17/95	1460619
	FILTERED 1460619	I009	Nitrogen, Ammonia	900		mg/l	10/17/95	1460635
	FILTERED 1460334	I012	Nitrate as N	0.77		mg/l	01/12/95	1460188
	FILTERED 1460619	I012	Nitrate as N	< 0.36	u	mg/l	10/17/95	1460635
	FILTERED 1460334	I014	Nitrite as N	< 0.05		mg/l	01/12/95	1460188
	FILTERED 1460619	I014	Nitrite as N	< 0.050	uj	mg/l	10/17/95	1460635
	FILTERED 1460334	I017	Ortho Phosphate as Phosphorus	< 0.02		mg/l	01/12/95	1460188
	FILTERED 1460619	I017	Ortho Phosphate as Phosphorus	< 0.02		mg/l	10/17/95	1460635
	FILTERED 1460334	I018	Sulfate as SO4	6100		mg/l	01/12/95	1460188

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Inorganic Parameters
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
GW-50-D								
			Inorganic Non-metals					
	PRE-PURGE/FILT.	I018	Sulfate as SO4	3400		mg/l	01/12/95	1460194
	FILTERED 1460619	I018	Sulfate as SO4	4300		mg/l	10/17/95	1460635
	FILTERED 1460334	I026	Bicarbonate Alkalinity as CaCO3	550		mg/l	01/12/95	1460188
	FILTERED 1460619	I026	Bicarbonate Alkalinity as CaCO3	510		mg/l	10/17/95	1460635
	FILTERED 1460334	I027	Carbonate Alkalinity as CaCO3	< 20		mg/l	01/12/95	1460188
	FILTERED 1460619	I027	Carbonate Alkalinity as CaCO3	< 20		mg/l	10/17/95	1460635
	FILTERED 1460334	I030	Bromide	< 2		mg/l	01/12/95	1460188
	FILTERED 1460619	I030	Bromide	< 20		mg/l	10/17/95	1460635
	FILTERED 1460334	I040	Silica as SiO2	6.3		mg/l	01/12/95	1460188
		I040	Silica as SiO2	6.8		mg/l	10/17/95	1460619
	FILTERED 1460619	I040	Silica as SiO2	8.1		mg/l	10/17/95	1460635
	FILTERED 1460334	I044	Phosphorous	0.19		mg/l	01/12/95	1460188
	FILTERED 1460619	I044	Phosphorous	< 0.10	uj	mg/l	10/17/95	1460635
	FILTERED 1460334	I048	Total Inorganic Carbon	180		mg/l	01/12/95	1460188
	FILTERED 1460334	I058	Sulfide	1		mg/l	01/12/95	1460188
	FILTERED 1460619	I058	Sulfide	< 1		mg/l	10/17/95	1460635
		I059	Dissolved Oxygen, Field	0.4		mg/l	01/12/95	1460334
		I059	Dissolved Oxygen, Field	< 0.0		mg/l	10/17/95	1460619
		I060	Eh Field	+337		mv	01/12/95	1460334
		I060	Eh Field	+330		mv	10/17/95	1460619
	FILTERED 1460334	I067	Alkalinity - Field	910		mg/l	01/12/95	1460188
	FILTERED 1460619	I067	Alkalinity - Field	460		mg/l	10/17/95	1460635
			Physical Properties					
	FILTERED 1460334	F007	Total Dissolved Solids (TDS)	6600		mg/l	01/12/95	1460188
	FILTERED 1460619	F007	Total Dissolved Solids (TDS)	6000		mg/l	10/17/95	1460635
		F037	pH Field	8.50		Std. Un	01/12/95	1460334
		F037	pH Field	8.04		Std. Un	10/17/95	1460619
		F062	Specific Conductance - Field	13900		umhos	01/12/95	1460334
		F062	Specific Conductance - Field	13200		umhos	10/17/95	1460619
		F062	Specific Conductance - Field	18200		umhos	05/01/96	1461008
		F064	Temperature - Field	9.4		deg. C	01/12/95	1460334
		F064	Temperature - Field	9.7		deg. C	10/17/95	1460619
		F064	Temperature - Field	10.7		deg. C	05/01/96	1461008
		F066	Specific Gravity, Field	1.000		g/ml	05/01/96	1461008
GW-50-S								
			Metals					
		M001	Aluminum	< 0.10		mg/l	10/17/95	1460618
		M003	Arsenic	< 0.005		mg/l	10/17/95	1460618
		M004	Barium	0.015		mg/l	10/17/95	1460618
		M007	Calcium	13	B	mg/l	10/17/95	1460618
		M008	Chromium	< 0.015		mg/l	02/01/95	1460217
		M008	Chromium	< 0.015		mg/l	05/03/95	1460396
		M008	Chromium	< 0.015		mg/l	07/19/95	1460468
		M008	Chromium	< 0.015		mg/l	10/17/95	1460618
		M008	Chromium	< 0.015		mg/l	10/18/95	1460671
		M011	Iron	< 0.10	u	mg/l	10/17/95	1460618
		M012	Lead	< 0.005		mg/l	10/17/95	1460618
		M013	Magnesium	2.8		mg/l	10/17/95	1460618
		M014	Manganese	0.38	j	mg/l	10/17/95	1460618
		M017	Potassium	2.7		mg/l	10/17/95	1460618
		M020	Sodium	64		mg/l	10/17/95	1460618
		M056	Trivalent Chromium	< 0.015		mg/l	02/01/95	1460217
		M056	Trivalent Chromium	< 0.015		mg/l	05/03/95	1460396
		M056	Trivalent Chromium	< 0.015		mg/l	07/19/95	1460468
		M056	Trivalent Chromium	< 0.015		mg/l	10/18/95	1460671
		M057	Hexavalent Chromium	< 0.015		mg/l	02/01/95	1460217
		M057	Hexavalent Chromium	< 0.015		mg/l	05/03/95	1460396
		M057	Hexavalent Chromium	< 0.015		mg/l	07/19/95	1460468

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TABLE-22
Groundwater Analytical Results
Inorganic Parameters
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
GW-50-S								
			Metals					
		M057	Hexavalent Chromium	< 0.015		mg/l	10/18/95	1460671
		M111	Total Iron, Field	0.06		mg/l	02/01/95	1460217
			Metals - Dissolved					
	FILTERED 1460333	M028	Arsenic, Dissolved	< 0.005	uj	mg/l	01/11/95	1460175
	FILTERED 1460217	M028	Arsenic, Dissolved	< 0.005		mg/l	02/01/95	1460264
	FILTERED 1460396	M028	Arsenic, Dissolved	< 0.005		mg/l	05/03/95	1460377
	FILTERED 1460468	M028	Arsenic, Dissolved	< 0.005		mg/l	07/19/95	1460456
	FILTERED 1460618	M028	Arsenic, Dissolved	< 0.005		mg/l	10/17/95	1460634
	FILTERED 1460671	M028	Arsenic, Dissolved	< 0.005		mg/l	10/18/95	1460654
	FILTERED 1460333	M029	Barium, Dissolved	0.015		mg/l	01/11/95	1460175
	FILTERED 1460217	M029	Barium, Dissolved	0.017		mg/l	02/01/95	1460264
	FILTERED 1460396	M029	Barium, Dissolved	0.013		mg/l	05/03/95	1460377
	FILTERED 1460618	M029	Barium, Dissolved	0.014		mg/l	10/17/95	1460634
	FILTERED 1460671	M029	Barium, Dissolved	0.015		mg/l	10/18/95	1460654
	FILTERED 1460333	M033	Calcium, Dissolved	200		mg/l	01/11/95	1460175
	FILTERED 1460217	M033	Calcium, Dissolved	200		mg/l	02/01/95	1460264
	FILTERED 1460396	M033	Calcium, Dissolved	150		mg/l	05/03/95	1460377
	FILTERED 1460468	M033	Calcium, Dissolved	61		mg/l	07/19/95	1460456
	FILTERED 1460618	M033	Calcium, Dissolved	12		mg/l	10/17/95	1460634
	FILTERED 1460671	M033	Calcium, Dissolved	12		mg/l	10/18/95	1460654
	FILTERED 1460333	M035	Hexavalent Chromium, Dissolved	< 0.015	uj	mg/l	01/11/95	1460175
	FILTERED 1460217	M035	Hexavalent Chromium, Dissolved	< 0.015		mg/l	02/01/95	1460264
	FILTERED 1460396	M035	Hexavalent Chromium, Dissolved	< 0.015		mg/l	05/03/95	1460377
	FILTERED 1460468	M035	Hexavalent Chromium, Dissolved	< 0.015		mg/l	07/19/95	1460456
	FILTERED 1460618	M035	Hexavalent Chromium, Dissolved	< 0.015	uj	mg/l	10/17/95	1460634
	FILTERED 1460671	M035	Hexavalent Chromium, Dissolved	< 0.015		mg/l	10/18/95	1[illegible]
	FILTERED 1460333	M036	Chromium, Dissolved	< 0.015		mg/l	01/11/95	1[illegible]
	FILTERED 1460217	M036	Chromium, Dissolved	< 0.015		mg/l	02/01/95	1460264
	FILTERED 1460396	M036	Chromium, Dissolved	< 0.015		mg/l	05/03/95	1460377
	FILTERED 1460468	M036	Chromium, Dissolved	< 0.015		mg/l	07/19/95	1460456
	FILTERED 1460618	M036	Chromium, Dissolved	< 0.015		mg/l	10/17/95	1460634
	FILTERED 1460671	M036	Chromium, Dissolved	< 0.015		mg/l	10/18/95	1460654
	FILTERED 1460333	M040	Iron, Dissolved	< 0.025		mg/l	01/11/95	1460175
	FILTERED 1460217	M040	Iron, Dissolved	< 0.025		mg/l	02/01/95	1460264
	FILTERED 1460396	M040	Iron, Dissolved	0.032		mg/l	05/03/95	1460377
	FILTERED 1460468	M040	Iron, Dissolved	< 0.025		mg/l	07/19/95	1460456
	FILTERED 1460618	M040	Iron, Dissolved	< 0.057	u	mg/l	10/17/95	1460634
	FILTERED 1460671	M040	Iron, Dissolved	0.068		mg/l	10/18/95	1460654
	FILTERED 1460333	M042	Potassium, Dissolved	9.4	j	mg/l	01/11/95	1460175
	FILTERED 1460217	M042	Potassium, Dissolved	10		mg/l	02/01/95	1460264
	FILTERED 1460396	M042	Potassium, Dissolved	11		mg/l	05/03/95	1460377
	FILTERED 1460468	M042	Potassium, Dissolved	6.2		mg/l	07/19/95	1460456
	FILTERED 1460618	M042	Potassium, Dissolved	3.1		mg/l	10/17/95	1460634
	FILTERED 1460671	M042	Potassium, Dissolved	3		mg/l	10/18/95	1460654
	FILTERED 1460333	M044	Magnesium, Dissolved	41		mg/l	01/11/95	1460175
	FILTERED 1460217	M044	Magnesium, Dissolved	37		mg/l	02/01/95	1460264
	FILTERED 1460396	M044	Magnesium, Dissolved	34		mg/l	05/03/95	1460377
	FILTERED 1460468	M044	Magnesium, Dissolved	13		mg/l	07/19/95	1460456
	FILTERED 1460618	M044	Magnesium, Dissolved	2.8		mg/l	10/17/95	1460634
	FILTERED 1460671	M044	Magnesium, Dissolved	2.7		mg/l	10/18/95	1460654
	FILTERED 1460333	M045	Manganese, Dissolved	5.8		mg/l	01/11/95	1460175
	FILTERED 1460217	M045	Manganese, Dissolved	5.6		mg/l	02/01/95	1460264
	FILTERED 1460396	M045	Manganese, Dissolved	4.1		mg/l	05/03/95	1460377
	FILTERED 1460468	M045	Manganese, Dissolved	1.5		mg/l	07/19/95	1460456
	FILTERED 1460618	M045	Manganese, Dissolved	0.37	j	mg/l	10/17/95	1460634
	FILTERED 1460671	M045	Manganese, Dissolved	0.37		mg/l	10/18/95	1460654
	FILTERED 1460333	M047	Sodium, Dissolved	310		mg/l	01/11/95	1460175
	FILTERED 1460217	M047	Sodium, Dissolved	310		mg/l	02/01/95	1460264
	FILTERED 1460396	M047	Sodium, Dissolved	310		mg/l	05/03/95	1460377

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TABLE-22
Groundwater Analytical Results
Inorganic Parameters
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
GW-50-S								
			Metals - Dissolved					
	FILTERED 1460468	M047	Sodium, Dissolved	170		mg/l	07/19/95	1460456
	FILTERED 1460618	M047	Sodium, Dissolved	66		mg/l	10/17/95	1460634
	FILTERED 1460671	M047	Sodium, Dissolved	74		mg/l	10/18/95	1460654
	FILTERED 1460333	M048	Lead, Dissolved	< 0.01	uj	mg/l	01/11/95	1460175
	FILTERED 1460217	M048	Lead, Dissolved	< 0.005		mg/l	02/01/95	1460264
	FILTERED 1460396	M048	Lead, Dissolved	< 0.005		mg/l	05/03/95	1460377
	FILTERED 1460468	M048	Lead, Dissolved	< 0.005		mg/l	07/19/95	1460456
	FILTERED 1460618	M048	Lead, Dissolved	< 0.005		mg/l	10/17/95	1460634
	FILTERED 1460671	M048	Lead, Dissolved	< 0.005		mg/l	10/18/95	1460654
	FILTERED 1460333	M054	Aluminum, Dissolved	< 0.10		mg/l	01/11/95	1460175
	FILTERED 1460217	M054	Aluminum, Dissolved	< 0.10		mg/l	02/01/95	1460264
	FILTERED 1460396	M054	Aluminum, Dissolved	< 0.10		mg/l	05/03/95	1460377
	FILTERED 1460468	M054	Aluminum, Dissolved	0.044		mg/l	07/19/95	1460456
	FILTERED 1460618	M054	Aluminum, Dissolved	< 0.10		mg/l	10/17/95	1460634
	FILTERED 1460671	M054	Aluminum, Dissolved	< 0.10		mg/l	10/18/95	1460654
	FILTERED 1460333	M109	Trivalent Chromium, Dissolved	< 0.015		mg/l	01/11/95	1460175
	FILTERED 1460217	M109	Trivalent Chromium, Dissolved	< 0.015		mg/l	02/01/95	1460264
	FILTERED 1460396	M109	Trivalent Chromium, Dissolved	< 0.015		mg/l	05/03/95	1460377
	FILTERED 1460468	M109	Trivalent Chromium, Dissolved	< 0.015		mg/l	07/19/95	1460456
	FILTERED 1460618	M109	Trivalent Chromium, Dissolved	< 0.015	uj	mg/l	10/17/95	1460634
	FILTERED 1460671	M109	Trivalent Chromium, Dissolved	< 0.015		mg/l	10/18/95	1460654
	FILTERED 1460333	M111	Total Iron, Field	0.02		mg/l	01/11/95	1460175
	FILTERED 1460217	M111	Total Iron, Field	0.05		mg/l	02/01/95	1460264
	FILTERED 1460396	M111	Total Iron, Field	0.04		mg/l	05/03/95	1460377
	FILTERED 1460468	M111	Total Iron, Field	0.08		mg/l	07/19/95	1460456
	FILTERED 1460618	M111	Total Iron, Field	0.05		mg/l	10/17/95	1460634
	FILTERED 1460671	M111	Total Iron, Field	0.1		mg/l	10/18/95	1460654
	FILTERED 1460333	M112	Iron as Fe+2 - Field	0.01		mg/l	01/11/95	1460175
	FILTERED 1460396	M112	Iron as Fe+2 - Field	0.03		mg/l	05/03/95	1460377
	FILTERED 1460468	M112	Iron as Fe+2 - Field	0.04		mg/l	07/19/95	1460456
	FILTERED 1460618	M112	Iron as Fe+2 - Field	< 0.0		mg/l	10/17/95	1460634
	FILTERED 1460671	M112	Iron as Fe+2 - Field	0.02		mg/l	10/18/95	1460654
	FILTERED 1460333	M113	Iron as Fe+3 - Field	0.01		mg/l	01/11/95	1460175
	FILTERED 1460396	M113	Iron as Fe+3 - Field	0.01		mg/l	05/03/95	1460377
	FILTERED 1460468	M113	Iron as Fe+3 - Field	0.04		mg/l	07/19/95	1460456
	FILTERED 1460618	M113	Iron as Fe+3 - Field	0.05		mg/l	10/17/95	1460634
	FILTERED 1460671	M113	Iron as Fe+3 - Field	0.08		mg/l	10/18/95	1460654
	FILTERED 1460333	M114	Hexavalent Chromium, Field	< 0.0		mg/l	01/11/95	1460175
	FILTERED 1460396	M114	Hexavalent Chromium, Field	< 0.0		mg/l	05/03/95	1460377
			Inorganic Non-metals					
	FILTERED 1460333	I005	Chloride	350		mg/l	01/11/95	1460175
	FILTERED 1460217	I005	Chloride	250		mg/l	02/01/95	1460264
	FILTERED 1460396	I005	Chloride	280		mg/l	05/03/95	1460377
	FILTERED 1460468	I005	Chloride	140		mg/l	07/19/95	1460456
	FILTERED 1460618	I005	Chloride	75		mg/l	10/17/95	1460634
	FILTERED 1460671	I005	Chloride	72		mg/l	10/18/95	1460654
	FILTERED 1460333	I009	Nitrogen, Ammonia	130		mg/l	01/11/95	1460175
	FILTERED 1460217	I009	Nitrogen, Ammonia	110		mg/l	02/01/95	1460264
	FILTERED 1460396	I009	Nitrogen, Ammonia	140		mg/l	05/03/95	1460377
	FILTERED 1460468	I009	Nitrogen, Ammonia	86		mg/l	07/19/95	1460456
		I009	Nitrogen, Ammonia	52		mg/l	10/17/95	1460618
	FILTERED 1460618	I009	Nitrogen, Ammonia	53		mg/l	10/17/95	1460634
	FILTERED 1460671	I009	Nitrogen, Ammonia	68		mg/l	10/18/95	1460654
	FILTERED 1460333	I012	Nitrate as N	3.2		mg/l	01/11/95	1460175
	FILTERED 1460217	I012	Nitrate as N	4.3		mg/l	02/01/95	1460264
	FILTERED 1460396	I012	Nitrate as N	5.7		mg/l	05/03/95	1460377
	FILTERED 1460468	I012	Nitrate as N	5.4		mg/l	07/19/95	1460456
	FILTERED 1460618	I012	Nitrate as N	< 0.63	u	mg/l	10/17/95	1460634
	FILTERED 1460671	I012	Nitrate as N	0.82		mg/l	10/18/95	1460654

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TABLE-22
Groundwater Analytical Results
Inorganic Parameters
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
GW-50-S								
			Inorganic Non-metals					
	FILTERED 1460333	I014	Nitrite as N	< 0.05	uj	mg/l	01/11/95	1460175
	FILTERED 1460217	I014	Nitrite as N	< 0.05		mg/l	02/01/95	1460264
	FILTERED 1460396	I014	Nitrite as N	< 0.050		mg/l	05/03/95	1460377
	FILTERED 1460468	I014	Nitrite as N	< 0.050		mg/l	07/19/95	1460456
	FILTERED 1460618	I014	Nitrite as N	< 0.050	uj	mg/l	10/17/95	1460634
	FILTERED 1460671	I014	Nitrite as N	< 0.050		mg/l	10/18/95	1460654
	FILTERED 1460333	I017	Ortho Phosphate as Phosphorus	< 0.02		mg/l	01/11/95	1460175
	FILTERED 1460217	I017	Ortho Phosphate as Phosphorus	< 0.02		mg/l	02/01/95	1460264
	FILTERED 1460396	I017	Ortho Phosphate as Phosphorus	< 0.02		mg/l	05/03/95	1460377
	FILTERED 1460468	I017	Ortho Phosphate as Phosphorus	< 0.02		mg/l	07/19/95	1460456
	FILTERED 1460618	I017	Ortho Phosphate as Phosphorus	< 0.02		mg/l	10/17/95	1460634
	FILTERED 1460671	I017	Ortho Phosphate as Phosphorus	< 0.02		mg/l	10/18/95	1460654
	FILTERED 1460333	I018	Sulfate as SO4	1400		mg/l	01/11/95	1460175
	FILTERED 1460217	I018	Sulfate as SO4	1100		mg/l	02/01/95	1460264
	FILTERED 1460396	I018	Sulfate as SO4	1200		mg/l	05/03/95	1460377
	FILTERED 1460468	I018	Sulfate as SO4	560		mg/l	07/19/95	1460456
	FILTERED 1460618	I018	Sulfate as SO4	190		mg/l	10/17/95	1460634
	FILTERED 1460671	I018	Sulfate as SO4	200		mg/l	10/18/95	1460654
	FILTERED 1460333	I026	Bicarbonate Alkalinity as CaCO3	45		mg/l	01/11/95	1460175
	FILTERED 1460217	I026	Bicarbonate Alkalinity as CaCO3	47		mg/l	02/01/95	1460264
	FILTERED 1460396	I026	Bicarbonate Alkalinity as CaCO3	61		mg/l	05/03/95	1460377
	FILTERED 1460468	I026	Bicarbonate Alkalinity as CaCO3	43		mg/l	07/19/95	1460456
	FILTERED 1460618	I026	Bicarbonate Alkalinity as CaCO3	67		mg/l	10/17/95	1460634
	FILTERED 1460333	I027	Carbonate Alkalinity as CaCO3	< 20		mg/l	01/11/95	1460175
	FILTERED 1460217	I027	Carbonate Alkalinity as CaCO3	< 20		mg/l	02/01/95	1460264
	FILTERED 1460396	I027	Carbonate Alkalinity as CaCO3	< 20		mg/l	05/03/95	1[illegible]7
	FILTERED 1460468	I027	Carbonate Alkalinity as CaCO3	< 20		mg/l	07/19/95	1[illegible]5
	FILTERED 1460618	I027	Carbonate Alkalinity as CaCO3	< 20		mg/l	10/17/95	14[illegible]4
	FILTERED 1460671	I027	Carbonate Alkalinity as CaCO3	< 20		mg/l	10/18/95	1460654
	FILTERED 1460333	I030	Bromide	< 2		mg/l	01/11/95	1460175
	FILTERED 1460217	I030	Bromide	< 2		mg/l	02/01/95	1460264
	FILTERED 1460396	I030	Bromide	2		mg/l	05/03/95	1460377
	FILTERED 1460468	I030	Bromide	1		mg/l	07/19/95	1460456
	FILTERED 1460618	I030	Bromide	< 1	uj	mg/l	10/17/95	1460634
	FILTERED 1460671	I030	Bromide	< 1		mg/l	10/18/95	1460654
	FILTERED 1460333	I040	Silica as SiO2	7.2		mg/l	01/11/95	1460175
	FILTERED 1460217	I040	Silica as SiO2	6.8	B	mg/l	02/01/95	1460264
	FILTERED 1460396	I040	Silica as SiO2	7.4		mg/l	05/03/95	1460377
	FILTERED 1460468	I040	Silica as SiO2	6.3		mg/l	07/19/95	1460456
		I040	Silica as SiO2	7.7		mg/l	10/17/95	1460618
	FILTERED 1460618	I040	Silica as SiO2	7.4		mg/l	10/17/95	1460634
	FILTERED 1460671	I040	Silica as SiO2	8		mg/l	10/18/95	1460654
	FILTERED 1460333	I044	Phosphorous	0.12	j	mg/l	01/11/95	1460175
	FILTERED 1460217	I044	Phosphorous	< 0.1		mg/l	02/01/95	1460264
	FILTERED 1460396	I044	Phosphorous	0.32		mg/l	05/03/95	1460377
	FILTERED 1460468	I044	Phosphorous	< 0.10		mg/l	07/19/95	1460456
	FILTERED 1460618	I044	Phosphorous	< 0.10	uj	mg/l	10/17/95	1460634
	FILTERED 1460671	I044	Phosphorous	< 0.10		mg/l	10/18/95	1460654
	FILTERED 1460333	I058	Sulfide	< 1		mg/l	01/11/95	1460175
	FILTERED 1460333	I058	Sulfide	< 1		mg/l	01/11/95	1460175
	FILTERED 1460217	I058	Sulfide	< 1		mg/l	02/01/95	1460264
	FILTERED 1460396	I058	Sulfide	< 1		mg/l	05/03/95	1460377
	FILTERED 1460468	I058	Sulfide	2		mg/l	07/19/95	1460456
	FILTERED 1460618	I058	Sulfide	< 1		mg/l	10/17/95	1460634
	FILTERED 1460671	I058	Sulfide	< 1		mg/l	10/18/95	1460654
		I059	Dissolved Oxygen, Field	3.8		mg/l	02/01/95	1460217
		I059	Dissolved Oxygen, Field	0.2		mg/l	01/11/95	1460333
		I059	Dissolved Oxygen, Field	0.4		mg/l	05/03/95	1460396
		I059	Dissolved Oxygen, Field	< 0.0		mg/l	07/19/95	1460468

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TABLE-22
Groundwater Analytical Results
Inorganic Parameters
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
GW-50-S								
			Inorganic Non-metals					
		I059	Dissolved Oxygen, Field	0.1		mg/l	10/17/95	1460618
		I059	Dissolved Oxygen, Field	0.1		mg/l	10/18/95	1460671
		I060	Eh Field	+405		mv	01/11/95	1460333
		I060	Eh Field	+331		mv	05/03/95	1460396
		I060	Eh Field	+423		mv	07/19/95	1460468
		I060	Eh Field	+399		mv	10/17/95	1460618
		I060	Eh Field	+399		mv	10/18/95	1460671
	FILTERED 1460217	I067	Alkalinity - Field	47		mg/l	02/01/95	1460264
	FILTERED 1460396	I067	Alkalinity - Field	110		mg/l	05/03/95	1460377
	FILTERED 1460468	I067	Alkalinity - Field	45		mg/l	07/19/95	1460456
	FILTERED 1460618	I067	Alkalinity - Field	54		mg/l	10/17/95	1460634
	FILTERED 1460671	I067	Alkalinity - Field	56		mg/l	10/18/95	1460654
	FILTERED 1460396	I068	Carbonate, Total as C	39		mg/l	05/03/95	1460377
			Physical Properties					
	FILTERED 1460333	F007	Total Dissolved Solids (TDS)	2000	j	mg/l	01/11/95	1460175
	FILTERED 1460217	F007	Total Dissolved Solids (TDS)	1800		mg/l	02/01/95	1460264
	FILTERED 1460396	F007	Total Dissolved Solids (TDS)	1600		mg/l	05/03/95	1460377
	FILTERED 1460468	F007	Total Dissolved Solids (TDS)	900		mg/l	07/19/95	1460456
	FILTERED 1460618	F007	Total Dissolved Solids (TDS)	290		mg/l	10/17/95	1460634
	FILTERED 1460671	F007	Total Dissolved Solids (TDS)	340		mg/l	10/18/95	1460654
		F037	pH Field	5.84		Std. Un	02/01/95	1460217
		F037	pH Field	5.76		Std. Un	01/11/95	1460333
		F037	pH Field	5.45		Std. Un	05/03/95	1460396
		F037	pH Field	6.02		Std. Un	07/19/95	1460468
		F037	pH Field	6.02		Std. Un	10/17/95	1460618
		F037	pH Field	6.02		Std. Un	10/18/95	1460671
		F062	Specific Conductance - Field	3050		umhos	02/01/95	1460217
		F062	Specific Conductance - Field	3300		umhos	01/11/95	1460333
		F062	Specific Conductance - Field	3440		umhos	05/03/95	1460396
		F062	Specific Conductance - Field	1950		umhos	07/19/95	1460468
		F062	Specific Conductance - Field	912		umhos	10/17/95	1460618
		F062	Specific Conductance - Field	912		umhos	10/18/95	1460671
		F064	Temperature - Field	8.4		deg. C	02/01/95	1460217
		F064	Temperature - Field	9.4		deg. C	01/11/95	1460333
		F064	Temperature - Field	7.6		deg. C	05/03/95	1460396
		F064	Temperature - Field	10.6		deg. C	07/19/95	1460468
		F064	Temperature - Field	12		deg. C	10/17/95	1460618
		F064	Temperature - Field	12.0		deg. C	10/18/95	1460671
GW-55-D								
			Physical Properties					
		F062	Specific Conductance - Field	30700		umhos	05/01/96	1461011
		F064	Temperature - Field	8.4		deg. C	05/01/96	1461011
		F066	Specific Gravity, Field	1.015		g/ml	05/01/96	1461011
GW-55-S								
			Metals - Dissolved					
		M036	Chromium, Dissolved	< 0.015		mg/l	07/21/94	1000457
		M036	Chromium, Dissolved	< 0.015		mg/l	04/19/94	1000515
		M036	Chromium, Dissolved	< 0.015		mg/l	08/30/94	1000571
		M036	Chromium, Dissolved	< 0.015		mg/l	09/29/94	1000585
		M036	Chromium, Dissolved	< 0.015		mg/l	10/28/94	1000597
	FILTERED 1460349	M036	Chromium, Dissolved	< 0.015		mg/l	05/02/95	1460364
		M036	Chromium, Dissolved	< 0.015		mg/l	07/18/95	1460445
	FILTERED 1460579	M036	Chromium, Dissolved	< 0.015		mg/l	10/13/95	1460593
	FILTERED 1460753	M036	Chromium, Dissolved	< 0.015		mg/l	05/01/96	1460842
	FILTERED	M036	Chromium, Dissolved	< 0.015		mg/l	07/29/96	1460985
	FILTERED	M036	Chromium, Dissolved	< 0.010		mg/l	10/23/96	1461234
	FILTERED	M036	Chromium, Dissolved	< 0.010		mg/l	04/22/97	1461640

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TABLE-22
Groundwater Analytical Results
Inorganic Parameters
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
GW-55-S								
			Metals - Dissolved					
		M054	Aluminum, Dissolved	0.39		mg/l	07/21/94	1000457
		M054	Aluminum, Dissolved	0.62		mg/l	04/19/94	1000515
		M054	Aluminum, Dissolved	4.5		mg/l	08/30/94	1000571
		M054	Aluminum, Dissolved	4.7		mg/l	09/29/94	1000585
		M054	Aluminum, Dissolved	2		mg/l	10/28/94	1000597
	FILTERED 1460349	M054	Aluminum, Dissolved	0.57		mg/l	05/02/95	1460364
		M054	Aluminum, Dissolved	0.69		mg/l	07/18/95	1460445
	FILTERED 1460579	M054	Aluminum, Dissolved	7.8		mg/l	10/13/95	1460593
	FILTERED 1460753	M054	Aluminum, Dissolved	1.9		mg/l	05/01/96	1460842
	FILTERED	M054	Aluminum, Dissolved	0.82		mg/l	07/29/96	1460985
	FILTERED	M054	Aluminum, Dissolved	2.04		mg/l	10/23/96	1461234
	FILTERED	M054	Aluminum, Dissolved	1.37		mg/l	04/22/97	1461640
			Inorganic Non-metals					
		I005	Chloride	330		mg/l	07/21/94	1000457
		I005	Chloride	68		mg/l	04/19/94	1000515
		I005	Chloride	530		mg/l	08/30/94	1000571
		I005	Chloride	510		mg/l	09/29/94	1000585
		I005	Chloride	500		mg/l	10/28/94	1000597
		I005	Chloride	320		mg/l	05/02/95	1460349
		I005	Chloride	440		mg/l	07/18/95	1460445
		I005	Chloride	640		mg/l	10/13/95	1460579
		I005	Chloride	330		mg/l	05/01/96	1460753
	FILTERED	I005	Chloride	420		mg/l	07/29/96	1460985
	FILTERED	I005	Chloride	415		mg/l	10/23/96	1461234
	FILTERED	I005	Chloride	323		mg/l	04/22/97	1461640
		I009	Nitrogen, Ammonia	360		mg/l	07/21/94	1[illegible]7
		I009	Nitrogen, Ammonia	240		mg/l	04/19/94	1[illegible]5
		I009	Nitrogen, Ammonia	460		mg/l	08/30/94	10[illegible]71
		I009	Nitrogen, Ammonia	610		mg/l	09/29/94	1000585
		I009	Nitrogen, Ammonia	480		mg/l	10/28/94	1000597
		I009	Nitrogen, Ammonia	310		mg/l	05/02/95	1460349
		I009	Nitrogen, Ammonia	380		mg/l	07/18/95	1460445
		I009	Nitrogen, Ammonia	220		mg/l	10/13/95	1460579
		I009	Nitrogen, Ammonia	280		mg/l	05/01/96	1460753
	FILTERED	I009	Nitrogen, Ammonia	360		mg/l	07/29/96	1460985
	FILTERED	I009	Nitrogen, Ammonia	369		mg/l	10/23/96	1461234
	FILTERED	I009	Nitrogen, Ammonia	207		mg/l	04/22/97	1461640
		I018	Sulfate as SO4	1200		mg/l	07/21/94	1000457
		I018	Sulfate as SO4	1400		mg/l	04/19/94	1000515
		I018	Sulfate as SO4	2500		mg/l	08/30/94	1000571
		I018	Sulfate as SO4	1800		mg/l	09/29/94	1000585
		I018	Sulfate as SO4	1800		mg/l	10/28/94	1000597
		I018	Sulfate as SO4	1100		mg/l	05/02/95	1460349
		I018	Sulfate as SO4	1800		mg/l	07/18/95	1460445
		I018	Sulfate as SO4	3000		mg/l	10/13/95	1460579
		I018	Sulfate as SO4	1300		mg/l	05/01/96	1460753
	FILTERED	I018	Sulfate as SO4	1800		mg/l	07/29/96	1460985
	FILTERED	I018	Sulfate as SO4	2090		mg/l	10/23/96	1461234
	FILTERED	I018	Sulfate as SO4	1200		mg/l	04/22/97	1461640
			Physical Properties					
		F009	pH Laboratory	6.20		Std. Un	07/21/94	1000457
		F009	pH Laboratory	5.90		Std. Un	04/19/94	1000515
		F009	pH Laboratory	5.20		Std. Un	08/30/94	1000571
		F009	pH Laboratory	5.60		Std. Un	09/29/94	1000585
		F009	pH Laboratory	5.70		Std. Un	10/28/94	1000597
		F009	pH Laboratory	5.90		Std. Un	05/02/95	1460349
		F009	pH Laboratory	6.10		Std. Un	07/18/95	1460445
		F009	pH Laboratory	5.60		Std. Un	10/13/95	1460579
		F009	pH Laboratory	5.60		Std. Un	05/01/96	1460753

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Inorganic Parameters
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
GW-55-S								
			Physical Properties					
	FILTERED	F009	pH Laboratory	5.80		Std. Un	07/29/96	1460985
	FILTERED	F009	pH Laboratory	5.45		Std. Un	10/23/96	1461234
	FILTERED	F009	pH Laboratory	5.94		Std. Un	04/22/97	1461640
		F037	pH Field	6.28		Std. Un	07/21/94	1000457
		F037	pH Field	5.70		Std. Un	04/19/94	1000515
		F037	pH Field	5.90		Std. Un	08/30/94	1000571
		F037	pH Field	5.97		Std. Un	09/29/94	1000585
		F037	pH Field	5.42		Std. Un	10/28/94	1000597
		F037	pH Field	5.95		Std. Un	05/02/95	1460349
		F037	pH Field	6.01		Std. Un	07/18/95	1460445
		F037	pH Field	5.58		Std. Un	10/13/95	1460579
		F037	pH Field	5.79		Std. Un	05/01/96	1460753
	FILTERED	F037	pH Field	6.08		Std. Un	10/23/96	1461234
	FILTERED	F037	pH Field	5.86		Std. Un	04/22/97	1461640
		F062	Specific Conductance - Field	695		umhos	07/21/94	1000457
		F062	Specific Conductance - Field	3110		umhos	04/19/94	1000515
		F062	Specific Conductance - Field	8960		umhos	08/30/94	1000571
		F062	Specific Conductance - Field	2770		umhos	09/29/94	1000585
		F062	Specific Conductance - Field	3110		umhos	10/28/94	1000597
		F062	Specific Conductance - Field	3320		umhos	05/02/95	1460349
		F062	Specific Conductance - Field	4850		umhos	07/18/95	1460445
		F062	Specific Conductance - Field	8670		umhos	10/13/95	1460579
		F062	Specific Conductance - Field	4460		umhos	05/01/96	1460753
	FILTERED	F062	Specific Conductance - Field	5430		umhos	07/29/96	1460985
	FILTERED	F062	Specific Conductance - Field	5450		umhos	10/23/96	1461234
	FILTERED	F062	Specific Conductance - Field	3910		umhos	04/22/97	1461640
		F064	Temperature - Field	14.2		deg. C	07/21/94	1000457
		F064	Temperature - Field	9.3		deg. C	04/19/94	1000515
		F064	Temperature - Field	13.6		deg. C	08/30/94	1000571
		F064	Temperature - Field	13.6		deg. C	09/29/94	1000585
		F064	Temperature - Field	11.8		deg. C	10/28/94	1000597
		F064	Temperature - Field	7.2		deg. C	05/02/95	1460349
		F064	Temperature - Field	14.1		deg. C	07/18/95	1460445
		F064	Temperature - Field	12.5		deg. C	10/13/95	1460579
		F064	Temperature - Field	8.3		deg. C	05/01/96	1460753
	FILTERED	F064	Temperature - Field	14		deg. C	07/29/96	1460985
	FILTERED	F064	Temperature - Field	12.4		deg. C	10/23/96	1461234
	FILTERED	F064	Temperature - Field	7.2		deg. C	04/22/97	1461640
GW-56-S								
			Metals					
		M008	Chromium	< 0.015		mg/l	05/04/95	1460413
		M008	Chromium	< 0.015		mg/l	07/19/95	1460470
		M056	Trivalent Chromium	< 0.015		mg/l	05/04/95	1460413
		M056	Trivalent Chromium	< 0.015		mg/l	07/19/95	1460470
		M057	Hexavalent Chromium	< 0.015		mg/l	05/04/95	1460413
		M057	Hexavalent Chromium	< 0.015		mg/l	07/19/95	1460470
			Metals - Dissolved					
	FILTERED 1460413	M028	Arsenic, Dissolved	< 0.005		mg/l	05/04/95	1460410
	FILTERED 1460470	M028	Arsenic, Dissolved	< 0.005		mg/l	07/19/95	1460458
	FILTERED 1460413	M029	Barium, Dissolved	0.024		mg/l	05/04/95	1460410
	FILTERED 1460470	M029	Barium, Dissolved	0.039		mg/l	07/19/95	1460458
	FILTERED 1460413	M033	Calcium, Dissolved	34		mg/l	05/04/95	1460410
	FILTERED 1460470	M033	Calcium, Dissolved	52		mg/l	07/19/95	1460458
	FILTERED 1460413	M035	Hexavalent Chromium, Dissolved	< 0.015		mg/l	05/04/95	1460410
	FILTERED 1460470	M035	Hexavalent Chromium, Dissolved	< 0.015		mg/l	07/19/95	1460458
	FILTERED 1460413	M036	Chromium, Dissolved	< 0.015		mg/l	05/04/95	1460410
	FILTERED 1460470	M036	Chromium, Dissolved	< 0.015		mg/l	07/19/95	1460458
	FILTERED 1460413	M040	Iron, Dissolved	0.043		mg/l	05/04/95	1460410

TABLE-22
Groundwater Analytical Results
Inorganic Parameters
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
GW-56-S								
			Metals - Dissolved					
	FILTERED 1460470	M040	Iron, Dissolved	1.30		mg/l	07/19/95	1460458
	FILTERED 1460413	M042	Potassium, Dissolved	1.6		mg/l	05/04/95	1460410
	FILTERED 1460470	M042	Potassium, Dissolved	2.5		mg/l	07/19/95	1460458
	FILTERED 1460413	M044	Magnesium, Dissolved	7.1		mg/l	05/04/95	1460410
	FILTERED 1460470	M044	Magnesium, Dissolved	9.7		mg/l	07/19/95	1460458
	FILTERED 1460413	M045	Manganese, Dissolved	0.64		mg/l	05/04/95	1460410
	FILTERED 1460470	M045	Manganese, Dissolved	0.97		mg/l	07/19/95	1460458
	FILTERED 1460413	M047	Sodium, Dissolved	31		mg/l	05/04/95	1460410
	FILTERED 1460470	M047	Sodium, Dissolved	50		mg/l	07/19/95	1460458
	FILTERED 1460413	M048	Lead, Dissolved	< 0.005		mg/l	05/04/95	1460410
	FILTERED 1460470	M048	Lead, Dissolved	< 0.005		mg/l	07/19/95	1460458
	FILTERED 1460413	M054	Aluminum, Dissolved	4.5		mg/l	05/04/95	1460410
	FILTERED 1460470	M054	Aluminum, Dissolved	5.8		mg/l	07/19/95	1460458
	FILTERED 1460413	M109	Trivalent Chromium, Dissolved	< 0.015		mg/l	05/04/95	1460410
	FILTERED 1460470	M109	Trivalent Chromium, Dissolved	< 0.015		mg/l	07/19/95	1460458
	FILTERED 1460413	M111	Total Iron, Field	0.04		mg/l	05/04/95	1460410
	FILTERED 1460470	M111	Total Iron, Field	0.88		mg/l	07/19/95	1460458
	FILTERED 1460413	M112	Iron as Fe+2 - Field	0.03		mg/l	05/04/95	1460410
	FILTERED 1460470	M112	Iron as Fe+2 - Field	0.12		mg/l	07/19/95	1460458
	FILTERED 1460413	M113	Iron as Fe+3 - Field	0.01		mg/l	05/04/95	1460410
	FILTERED 1460470	M113	Iron as Fe+3 - Field	0.76		mg/l	07/19/95	1460458
	FILTERED 1460413	M114	Hexavalent Chromium, Field	< 0.0		mg/l	05/04/95	1460410
			Inorganic Non-metals					
	FILTERED 1460413	I005	Chloride	36		mg/l	05/04/95	1460410
	FILTERED 1460470	I005	Chloride	58		mg/l	07/19/95	1460458
	FILTERED 1460413	I009	Nitrogen, Ammonia	6.9		mg/l	05/04/95	1[illegible]10
	FILTERED 1460470	I009	Nitrogen, Ammonia	11		mg/l	07/19/95	1[illegible]8
	FILTERED 1460413	I012	Nitrate as N	3.9		mg/l	05/04/95	14[illegible].10
	FILTERED 1460470	I012	Nitrate as N	4.4		mg/l	07/19/95	1460458
	FILTERED 1460413	I014	Nitrite as N	< 0.050		mg/l	05/04/95	1460410
	FILTERED 1460470	I014	Nitrite as N	< 0.050		mg/l	07/19/95	1460458
	FILTERED 1460413	I017	Ortho Phosphate as Phosphorus	12		mg/l	05/04/95	1460410
	FILTERED 1460470	I017	Ortho Phosphate as Phosphorus	0.05		mg/l	07/19/95	1460458
	FILTERED 1460413	I018	Sulfate as SO4	160		mg/l	05/04/95	1460410
	FILTERED 1460470	I018	Sulfate as SO4	180		mg/l	07/19/95	1460458
	FILTERED 1460413	I026	Bicarbonate Alkalinity as CaCO3	< 20		mg/l	05/04/95	1460410
	FILTERED 1460470	I026	Bicarbonate Alkalinity as CaCO3	< 20		mg/l	07/19/95	1460458
	FILTERED 1460413	I027	Carbonate Alkalinity as CaCO3	< 20		mg/l	05/04/95	1460410
	FILTERED 1460470	I027	Carbonate Alkalinity as CaCO3	< 20		mg/l	07/19/95	1460458
	FILTERED 1460413	I030	Bromide	1		mg/l	05/04/95	1460410
	FILTERED 1460470	I030	Bromide	< 1		mg/l	07/19/95	1460458
	FILTERED 1460413	I040	Silica as SiO2	7.3		mg/l	05/04/95	1460410
	FILTERED 1460470	I040	Silica as SiO2	8.8		mg/l	07/19/95	1460458
	FILTERED 1460413	I044	Phosphorous	< 0.10		mg/l	05/04/95	1460410
	FILTERED 1460470	I044	Phosphorous	< 0.10		mg/l	07/19/95	1460458
	FILTERED 1460413	I058	Sulfide	< 1		mg/l	05/04/95	1460410
	FILTERED 1460470	I058	Sulfide	2		mg/l	07/19/95	1460458
		I059	Dissolved Oxygen, Field	0.8		mg/l	05/04/95	1460413
		I059	Dissolved Oxygen, Field	< 0.0		mg/l	07/19/95	1460470
		I060	Eh Field	+409		mv	05/04/95	1460413
		I060	Eh Field	+393		mv	07/19/95	1460470
	FILTERED 1460470	I067	Alkalinity - Field	7		mg/l	07/19/95	1460458
	FILTERED 1460413	I068	Carbonate, Total as C	11		mg/l	05/04/95	1460410
			Physical Properties					
	FILTERED 1460413	F007	Total Dissolved Solids (TDS)	260		mg/l	05/04/95	1460410
	FILTERED 1460470	F007	Total Dissolved Solids (TDS)	430		mg/l	07/19/95	1460458
		F037	pH Field	4.60		Std. Un	05/04/95	1460413
		F037	pH Field	6.81		Std. Un	07/19/95	1460470
		F062	Specific Conductance - Field	494		umhos	05/04/95	1460413

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TABLE-22
Groundwater Analytical Results
Inorganic Parameters
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
GW-56-S								
			Physical Properties					
		F062	Specific Conductance - Field	682		umhos	07/19/95	1460470
		F064	Temperature - Field	7.2		deg. C	05/04/95	1460413
		F064	Temperature - Field	11		deg. C	07/19/95	1460470
GW-57-D								
			Metals - Dissolved					
	FILTERED	M033	Calcium, Dissolved	26.9		mg/l	05/21/97	1461666
	FILTERED	M036	Chromium, Dissolved	< 0.010		mg/l	05/21/97	1461666
	FILTERED	M040	Iron, Dissolved	< 0.100		mg/l	05/21/97	1461666
	FILTERED	M042	Potassium, Dissolved	< 5.00		mg/l	05/21/97	1461666
	FILTERED	M044	Magnesium, Dissolved	< 5.00		mg/l	05/21/97	1461666
	FILTERED	M045	Manganese, Dissolved	< 0.015		mg/l	05/21/97	1461666
	FILTERED	M047	Sodium, Dissolved	90.4		mg/l	05/21/97	1461666
	FILTERED	M054	Aluminum, Dissolved	< 0.20		mg/l	05/21/97	1461666
			Inorganic Non-metals					
	FILTERED	I005	Chloride	190		mg/l	05/21/97	1461666
	FILTERED	I009	Nitrogen, Ammonia	< 0.040		mg/l	05/21/97	1461666
	FILTERED	I018	Sulfate as SO4	17.7		mg/l	05/21/97	1461666
	FILTERED	I026	Bicarbonate Alkalinity as CaCO3	17.4		mg/l	05/21/97	1461666
	FILTERED	I027	Carbonate Alkalinity as CaCO3	< 2.00		mg/l	05/21/97	1461666
			Physical Properties					
	FILTERED	F007	Total Dissolved Solids (TDS)	436		mg/l	05/21/97	1461666
	FILTERED	F037	pH Field	6.11		Std. Un	05/21/97	1461666
	FILTERED	F062	Specific Conductance - Field	716		umhos	05/21/97	1461666
	FILTERED	F064	Temperature - Field	9.2		deg. C	05/21/97	1461666
GW-58-D								
			Metals					
		M001	Aluminum	0.63		mg/l	10/16/95	1460556
		M003	Arsenic	0.008		mg/l	10/16/95	1460556
		M004	Barium	0.009		mg/l	10/16/95	1460556
		M007	Calcium	250		mg/l	10/16/95	1460556
		M008	Chromium	0.023		mg/l	10/16/95	1460556
		M011	Iron	75		mg/l	10/16/95	1460556
		M012	Lead	< 0.005		mg/l	10/16/95	1460556
		M013	Magnesium	89		mg/l	10/16/95	1460556
		M014	Manganese	31		mg/l	10/16/95	1460556
		M017	Potassium	27		mg/l	10/16/95	1460556
		M020	Sodium	1100		mg/l	10/16/95	1460556
			Metals - Dissolved					
	FILTERED 1461318	M028	Arsenic, Dissolved	< 0.025		mg/l	01/12/95	1460192
	FILTERED 1460556	M028	Arsenic, Dissolved	0.007		mg/l	10/16/95	1460555
	FILTERED 1461318	M029	Barium, Dissolved	< 0.005		mg/l	01/12/95	1460192
	FILTERED 1460556	M029	Barium, Dissolved	0.009		mg/l	10/16/95	1460555
	FILTERED 1461318	M033	Calcium, Dissolved	280		mg/l	01/12/95	1460192
	FILTERED 1460556	M033	Calcium, Dissolved	240		mg/l	10/16/95	1460555
	FILTERED 1461318	M035	Hexavalent Chromium, Dissolved	< 0.015		mg/l	01/12/95	1460192
	FILTERED 1460556	M035	Hexavalent Chromium, Dissolved	< 0.015		mg/l	10/16/95	1460555
	FILTERED 1461318	M036	Chromium, Dissolved	< 0.015		mg/l	01/12/95	1460192
	PRE-PURGE/FILT.	M036	Chromium, Dissolved	< 0.015		mg/l	01/12/95	1460196
	FILTERED 1460556	M036	Chromium, Dissolved	0.023		mg/l	10/16/95	1460555
	FILTERED 1461318	M040	Iron, Dissolved	77.0		mg/l	01/12/95	1460192
	FILTERED 1460556	M040	Iron, Dissolved	77.0		mg/l	10/16/95	1460555
	FILTERED 1461318	M042	Potassium, Dissolved	29		mg/l	01/12/95	1460192
	FILTERED 1460556	M042	Potassium, Dissolved	28		mg/l	10/16/95	1460555
	FILTERED 1461318	M044	Magnesium, Dissolved	84		mg/l	01/12/95	1460192
	FILTERED 1460556	M044	Magnesium, Dissolved	85		mg/l	10/16/95	1460555
	FILTERED 1461318	M045	Manganese, Dissolved	29		mg/l	01/12/95	1460192
	FILTERED 1460556	M045	Manganese, Dissolved	30		mg/l	10/16/95	1460555

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Groundwater Analytical Results
Inorganic Parameters
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
GW-58-D								
			Metals - Dissolved					
	FILTERED 1461318	M047	Sodium, Dissolved	1000		mg/l	01/12/95	1460192
	FILTERED 1460556	M047	Sodium, Dissolved	1100		mg/l	10/16/95	1460555
	FILTERED 1461318	M048	Lead, Dissolved	< 0.025		mg/l	01/12/95	1460192
	FILTERED 1460556	M048	Lead, Dissolved	< 0.005		mg/l	10/16/95	1460555
	FILTERED 1461318	M054	Aluminum, Dissolved	0.44		mg/l	01/12/95	1460192
	FILTERED 1460556	M054	Aluminum, Dissolved	0.55		mg/l	10/16/95	1460555
	FILTERED 1461318	M109	Trivalent Chromium, Dissolved	< 0.015		mg/l	01/12/95	1460192
	FILTERED 1460556	M109	Trivalent Chromium, Dissolved	0.023		mg/l	10/16/95	1460555
	FILTERED 1460556	M111	Total Iron, Field	43		mg/l	10/16/95	1460555
	FILTERED 1460556	M112	Iron as Fe+2 - Field	36		mg/l	10/16/95	1460555
	FILTERED 1460556	M113	Iron as Fe+3 - Field	7		mg/l	10/16/95	1460555
	FILTERED 1461318	M114	Hexavalent Chromium, Field	< 0.0		mg/l	01/12/95	1460192
	FILTERED 1460556	M114	Hexavalent Chromium, Field	< 0.0		mg/l	10/16/95	1460555
			Inorganic Non-metals					
	FILTERED 1461318	I005	Chloride	1000		mg/l	01/12/95	1460192
	PRE-PURGE/FILT.	I005	Chloride	340		mg/l	01/12/95	1460196
	FILTERED 1460556	I005	Chloride	970		mg/l	10/16/95	1460555
	FILTERED 1461318	I009	Nitrogen, Ammonia	450		mg/l	01/12/95	1460192
	PRE-PURGE/FILT.	I009	Nitrogen, Ammonia	940		mg/l	01/12/95	1460196
	FILTERED 1460556	I009	Nitrogen, Ammonia	480		mg/l	10/16/95	1460555
		I009	Nitrogen, Ammonia	570		mg/l	10/16/95	1460556
	FILTERED 1461318	I012	Nitrate as N	0.082		mg/l	01/12/95	1460192
	FILTERED 1460556	I012	Nitrate as N	< 0.05	uj	mg/l	10/16/95	1460555
	FILTERED 1461318	I014	Nitrite as N	< 0.05		mg/l	01/12/95	1460192
	FILTERED 1460556	I014	Nitrite as N	0.074	j	mg/l	10/16/95	1460555
	FILTERED 1461318	I017	Ortho Phosphate as Phosphorus	< 0.02		mg/l	01/12/95	1[illegible]2
	FILTERED 1460556	I017	Ortho Phosphate as Phosphorus	< 0.02		mg/l	10/16/95	[illegible]5
	FILTERED 1461318	I018	Sulfate as SO4	3500		mg/l	01/12/95	14[illegible]92
	PRE-PURGE/FILT.	I018	Sulfate as SO4	1000		mg/l	01/12/95	1460196
	FILTERED 1460556	I018	Sulfate as SO4	3600		mg/l	10/16/95	1460555
	FILTERED 1461318	I026	Bicarbonate Alkalinity as CaCO3	130		mg/l	01/12/95	1460192
	FILTERED 1460556	I026	Bicarbonate Alkalinity as CaCO3	92		mg/l	10/16/95	1460555
	FILTERED 1461318	I027	Carbonate Alkalinity as CaCO3	< 20		mg/l	01/12/95	1460192
	FILTERED 1460556	I027	Carbonate Alkalinity as CaCO3	< 20		mg/l	10/16/95	1460555
	FILTERED 1461318	I030	Bromide	< 2		mg/l	01/12/95	1460192
	FILTERED 1460556	I030	Bromide	8		mg/l	10/16/95	1460555
	FILTERED 1461318	I040	Silica as SiO2	11		mg/l	01/12/95	1460192
	FILTERED 1460556	I040	Silica as SiO2	12		mg/l	10/16/95	1460555
		I040	Silica as SiO2	12		mg/l	10/16/95	1460556
	FILTERED 1461318	I044	Phosphorous	< 0.1		mg/l	01/12/95	1460192
	FILTERED 1460556	I044	Phosphorous	< 0.10	uj	mg/l	10/16/95	1460555
	FILTERED 1461318	I048	Total Inorganic Carbon	119		mg/l	01/12/95	1460192
	FILTERED 1461318	I058	Sulfide	< 1		mg/l	01/12/95	1460192
	FILTERED 1460556	I058	Sulfide	< 1		mg/l	10/16/95	1460555
		I059	Dissolved Oxygen, Field	< 0.0		mg/l	10/16/95	1460556
		I059	Dissolved Oxygen, Field	0.6		mg/l	01/12/95	1461318
		I060	Eh Field	+356		mv	10/16/95	1460556
		I060	Eh Field	+325		mv	01/12/95	1461318
	FILTERED 1461318	I067	Alkalinity - Field	13.7		mg/l	01/12/95	1460192
	FILTERED 1460556	I067	Alkalinity - Field	104		mg/l	10/16/95	1460555
			Physical Properties					
	FILTERED 1461318	F007	Total Dissolved Solids (TDS)	5500		mg/l	01/12/95	1460192
	FILTERED 1460556	F007	Total Dissolved Solids (TDS)	4500		mg/l	10/16/95	1460555
	FILTERED 1460556	F031	Viscosity	3.00		cpoise	10/16/95	1460555
		F037	pH Field	5.51		Std. Un	10/16/95	1460556
		F037	pH Field	5.24		Std. Un	01/31/96	1460688
		F037	pH Field	5.60		Std. Un	01/12/95	1461318
		F062	Specific Conductance - Field	9010		umhos	10/16/95	1460556
		F062	Specific Conductance - Field	7940		umhos	01/12/95	1461318

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Inorganic Parameters
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
GW-58-D								
			Physical Properties					
		F064	Temperature - Field	11.2		deg. C	10/16/95	1460556
		F064	Temperature - Field	10		deg. C	01/12/95	1461318
GW-58-S								
			Metals					
		M001	Aluminum	< 0.10		mg/l	10/16/95	1460558
		M001	Aluminum	< 0.10		mg/l	10/16/95	1460558
		M003	Arsenic	< 0.005		mg/l	10/16/95	1460558
		M007	Calcium	11		mg/l	10/16/95	1460558
		M008	Chromium	< 0.015		mg/l	10/16/95	1460558
		M011	Iron	0.040		mg/l	10/16/95	1460558
		M012	Lead	< 0.005		mg/l	10/16/95	1460558
		M013	Magnesium	1.8		mg/l	10/16/95	1460558
		M014	Manganese	0.17	j	mg/l	10/16/95	1460558
		M017	Potassium	2.9		mg/l	10/16/95	1460558
		M020	Sodium	78		mg/l	10/16/95	1460558
			Metals - Dissolved					
	FILTERED 1460337	M028	Arsenic, Dissolved	< 0.005		mg/l	01/12/95	1460191
	FILTERED 1460558	M028	Arsenic, Dissolved	< 0.005		mg/l	10/16/95	1460557
	FILTERED 1460337	M029	Barium, Dissolved	0.025		mg/l	01/12/95	1460191
	FILTERED 1460558	M029	Barium, Dissolved	0.021		mg/l	10/16/95	1460557
	FILTERED 1460337	M033	Calcium, Dissolved	16		mg/l	01/12/95	1460191
	FILTERED 1460558	M033	Calcium, Dissolved	11		mg/l	10/16/95	1460557
	FILTERED 1460337	M035	Hexavalent Chromium, Dissolved	< 0.015		mg/l	01/12/95	1460191
	FILTERED 1460558	M035	Hexavalent Chromium, Dissolved	< 0.015		mg/l	10/16/95	1460557
	FILTERED 1460337	M036	Chromium, Dissolved	< 0.015		mg/l	01/12/95	1460191
	FILTERED 1460558	M036	Chromium, Dissolved	< 0.015		mg/l	10/16/95	1460557
	FILTERED 1460337	M040	Iron, Dissolved	< 0.025		mg/l	01/12/95	1460191
	FILTERED 1460558	M040	Iron, Dissolved	0.036		mg/l	10/16/95	1460557
	FILTERED 1460337	M042	Potassium, Dissolved	4.1		mg/l	01/12/95	1460191
	FILTERED 1460558	M042	Potassium, Dissolved	2.6		mg/l	10/16/95	1460557
	FILTERED 1460337	M044	Magnesium, Dissolved	2.6		mg/l	01/12/95	1460191
	FILTERED 1460558	M044	Magnesium, Dissolved	1.9		mg/l	10/16/95	1460557
	FILTERED 1460337	M045	Manganese, Dissolved	0.14		mg/l	01/12/95	1460191
	FILTERED 1460558	M045	Manganese, Dissolved	0.16	j	mg/l	10/16/95	1460557
	FILTERED 1460337	M047	Sodium, Dissolved	96		mg/l	01/12/95	1460191
	FILTERED 1460558	M047	Sodium, Dissolved	76		mg/l	10/16/95	1460557
	FILTERED 1460337	M048	Lead, Dissolved	< 0.005		mg/l	01/12/95	1460191
	FILTERED 1460558	M048	Lead, Dissolved	< 0.005		mg/l	10/16/95	1460557
	FILTERED 1460337	M054	Aluminum, Dissolved	< 0.10		mg/l	01/12/95	1460191
	FILTERED 1460558	M054	Aluminum, Dissolved	< 0.10		mg/l	10/16/95	1460557
	FILTERED 1460337	M109	Trivalent Chromium, Dissolved	< 0.015		mg/l	01/12/95	1460191
	FILTERED 1460558	M109	Trivalent Chromium, Dissolved	< 0.015		mg/l	10/16/95	1460557
	FILTERED 1460337	M111	Total Iron, Field	< 0.0		mg/l	01/12/95	1460191
	FILTERED 1460558	M111	Total Iron, Field	< 0.0		mg/l	10/16/95	1460557
	FILTERED 1460337	M112	Iron as Fe+2 - Field	0.01		mg/l	01/12/95	1460191
	FILTERED 1460558	M112	Iron as Fe+2 - Field	< 0.0		mg/l	10/16/95	1460557
	FILTERED 1460337	M113	Iron as Fe+3 - Field	< 0.0		mg/l	01/12/95	1460191
	FILTERED 1460558	M113	Iron as Fe+3 - Field	< 0.0		mg/l	10/16/95	1460557
	FILTERED 1460337	M114	Hexavalent Chromium, Field	< 0.0		mg/l	01/12/95	1460191
			Inorganic Non-metals					
	FILTERED 1460337	I005	Chloride	160		mg/l	01/12/95	1460191
	FILTERED 1460558	I005	Chloride	110		mg/l	10/16/95	1460557
	FILTERED 1460337	I009	Nitrogen, Ammonia	0.45		mg/l	01/12/95	1460191
	FILTERED 1460558	I009	Nitrogen, Ammonia	0.86		mg/l	10/16/95	1460557
		I009	Nitrogen, Ammonia	0.82		mg/l	10/16/95	1460558
	FILTERED 1460337	I012	Nitrate as N	3.4		mg/l	01/12/95	1460191
	FILTERED 1460558	I012	Nitrate as N	2.1	j	mg/l	10/16/95	1460557
	FILTERED 1460337	I014	Nitrite as N	< 0.05		mg/l	01/12/95	1460191

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Groundwater Analytical Results
Inorganic Parameters
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
GW-58-S								
			Inorganic Non-metals					
	FILTERED 1460558	I014	Nitrite as N	< 0.050	uj	mg/l	10/16/95	1460557
	FILTERED 1460337	I017	Ortho Phosphate as Phosphorus	< 0.02		mg/l	01/12/95	1460191
	FILTERED 1460558	I017	Ortho Phosphate as Phosphorus	< 0.02		mg/l	10/16/95	1460557
	FILTERED 1460337	I018	Sulfate as SO4	36		mg/l	01/12/95	1460191
	FILTERED 1460558	I018	Sulfate as SO4	35		mg/l	10/16/95	1460557
	FILTERED 1460337	I026	Bicarbonate Alkalinity as CaCO3	< 20		mg/l	01/12/95	1460191
	FILTERED 1460558	I026	Bicarbonate Alkalinity as CaCO3	29		mg/l	10/16/95	1460557
	FILTERED 1460337	I027	Carbonate Alkalinity as CaCO3	< 20		mg/l	01/12/95	1460191
	FILTERED 1460558	I027	Carbonate Alkalinity as CaCO3	< 20		mg/l	10/16/95	1460557
	FILTERED 1460337	I030	Bromide	< 2		mg/l	01/12/95	1460191
	FILTERED 1460558	I030	Bromide	< 1		mg/l	10/16/95	1460557
	FILTERED 1460337	I040	Silica as SiO2	4.7		mg/l	01/12/95	1460191
	FILTERED 1460558	I040	Silica as SiO2	4.7		mg/l	10/16/95	1460557
		I040	Silica as SiO2	4.7		mg/l	10/16/95	1460558
	FILTERED 1460337	I044	Phosphorous	< 0.1		mg/l	01/12/95	1460191
	FILTERED 1460558	I044	Phosphorous	< 0.10	uj	mg/l	10/16/95	1460557
	FILTERED 1460337	I048	Total Inorganic Carbon	18		mg/l	01/12/95	1460191
	FILTERED 1460337	I058	Sulfide	< 1		mg/l	01/12/95	1460191
	FILTERED 1460558	I058	Sulfide	< 1		mg/l	10/16/95	1460557
		I059	Dissolved Oxygen, Field	1.7		mg/l	01/12/95	1460337
		I059	Dissolved Oxygen, Field	0.1		mg/l	10/16/95	1460558
		I060	Eh Field	+485		mv	01/12/95	1460337
		I060	Eh Field	+341		mv	10/16/95	1460558
	FILTERED 1460337	I067	Alkalinity - Field	18.6		mg/l	01/12/95	1460191
	FILTERED 1460558	I067	Alkalinity - Field	28		mg/l	10/16/95	1460557
			Physical Properties					
	FILTERED 1460337	F007	Total Dissolved Solids (TDS)	330		mg/l	01/12/95	1[illegible]1
	FILTERED 1460558	F007	Total Dissolved Solids (TDS)	260		mg/l	10/16/95	146[illegible]57
	FILTERED 1460558	F031	Viscosity	3.00		cpoise	10/16/95	1460557
		F037	pH Field	5.60		Std. Un	01/12/95	1460337
		F037	pH Field	5.82		Std. Un	10/16/95	1460558
		F062	Specific Conductance - Field	635		umhos	01/12/95	1460337
		F062	Specific Conductance - Field	513		umhos	10/16/95	1460558
		F064	Temperature - Field	11.5		deg. C	01/12/95	1460337
		F064	Temperature - Field	12.0		deg. C	10/16/95	1460558
GW-61-BR								
			Metals					
	COND. SPIKE	M008	Chromium	< 0.015		mg/l	01/13/95	1460256
			Inorganic Non-metals					
	COND. SPIKE	I009	Nitrogen, Ammonia	0.12		mg/l	01/13/95	1460256
	COND. SPIKE	I018	Sulfate as SO4	31		mg/l	01/13/95	1460256
GW-65-BR								
			Metals					
		M001	Aluminum	0.20		mg/l	10/12/95	1460542
		M002	Antimony	< 0.005		mg/l	10/12/95	1460542
		M003	Arsenic	< 0.005	uj	mg/l	10/12/95	1460542
		M004	Barium	0.21		mg/l	10/12/95	1460542
		M005	Beryllium	< 0.005		mg/l	10/12/95	1460542
		M006	Cadmium	< 0.010		mg/l	10/12/95	1460542
		M007	Calcium	25		mg/l	10/12/95	1460542
		M008	Chromium	< 0.015		mg/l	10/12/95	1460542
		M008	Chromium	< 0.01		mg/l	12/18/96	1461425
		M009	Cobalt	< 0.030		mg/l	10/12/95	1460542
		M010	Copper	< 0.025		mg/l	10/12/95	1460542
		M011	Iron	0.12		mg/l	10/12/95	1460542
		M012	Lead	< 0.005		mg/l	10/12/95	1460542
		M013	Magnesium	0.50		mg/l	10/12/95	1460542

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Groundwater Analytical Results
Inorganic Parameters
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
GW-65-BR								
			Metals					
		M014	Manganese	0.007		mg/l	10/12/95	1460542
		M015	Mercury	< 0.20		ug/l	10/12/95	1460542
		M016	Nickel	< 0.040		mg/l	10/12/95	1460542
		M017	Potassium	370		mg/l	10/12/95	1460542
		M018	Selenium	< 0.005		mg/l	10/12/95	1460542
		M019	Silver	< 0.015		mg/l	10/12/95	1460542
		M020	Sodium	120		mg/l	10/12/95	1460542
		M021	Thallium	< 0.010		mg/l	10/12/95	1460542
		M023	Vanadium	< 0.025		mg/l	10/12/95	1460542
		M024	Zinc	< 0.025		mg/l	10/12/95	1460542
		M056	Trivalent Chromium	< 0.01		mg/l	12/18/96	1461425
		M057	Hexavalent Chromium	< 0.01		mg/l	12/18/96	1461425
			Metals - Dissolved					
	FILTERED 1460542	M028	Arsenic, Dissolved	0.007	j	mg/l	10/12/95	1460541
	FILTERED 1461425	M028	Arsenic, Dissolved	< 0.01		mg/l	12/18/96	1461424
	FILTERED 1460542	M029	Barium, Dissolved	0.19		mg/l	10/12/95	1460541
	FILTERED 1461425	M029	Barium, Dissolved	< 0.2		mg/l	12/18/96	1461424
	FILTERED 1460542	M031	Beryllium, Dissolved	< 0.005		mg/l	10/12/95	1460541
	FILTERED 1461425	M031	Beryllium, Dissolved	< 0.005		mg/l	12/18/96	1461424
	FILTERED 1460542	M032	Silver, Dissolved	< 0.015		mg/l	10/12/95	1460541
	FILTERED 1461425	M032	Silver, Dissolved	< 0.01		mg/l	12/18/96	1461424
	FILTERED 1460542	M033	Calcium, Dissolved	22		mg/l	10/12/95	1460541
	FILTERED 1461425	M033	Calcium, Dissolved	18.5		mg/l	12/18/96	1461424
	FILTERED 1460542	M034	Cadmium, Dissolved	< 0.010		mg/l	10/12/95	1460541
	FILTERED 1461425	M034	Cadmium, Dissolved	< 0.005		mg/l	12/18/96	1461424
	FILTERED 1460542	M035	Hexavalent Chromium, Dissolved	< 0.015	uj	mg/l	10/12/95	1460541
	FILTERED 1460542	M036	Chromium, Dissolved	< 0.015		mg/l	10/12/95	1460541
	FILTERED 1461425	M036	Chromium, Dissolved	< 0.01		mg/l	12/18/96	1461424
	FILTERED 1460542	M037	Copper, Dissolved	< 0.025		mg/l	10/12/95	1460541
	FILTERED 1461425	M037	Copper, Dissolved	< 0.025		mg/l	12/18/96	1461424
	FILTERED 1460542	M040	Iron, Dissolved	0.038		mg/l	10/12/95	1460541
	FILTERED 1461425	M040	Iron, Dissolved	0.474		mg/l	12/18/96	1461424
	FILTERED 1460542	M041	Mercury, Dissolved	< 0.20		ug/l	10/12/95	1460541
	FILTERED 1461425	M041	Mercury, Dissolved	< 0.2		ug/l	12/18/96	1461424
	FILTERED 1460542	M042	Potassium, Dissolved	330		mg/l	10/12/95	1460541
	FILTERED 1461425	M042	Potassium, Dissolved	< 5		mg/l	12/18/96	1461424
	FILTERED 1460542	M044	Magnesium, Dissolved	0.070		mg/l	10/12/95	1460541
	FILTERED 1461425	M044	Magnesium, Dissolved	7.84		mg/l	12/18/96	1461424
	FILTERED 1460542	M045	Manganese, Dissolved	< 0.005		mg/l	10/12/95	1460541
	FILTERED 1461425	M045	Manganese, Dissolved	0.104		mg/l	12/18/96	1461424
	FILTERED 1460542	M047	Sodium, Dissolved	89		mg/l	10/12/95	1460541
	FILTERED 1461425	M047	Sodium, Dissolved	15.3		mg/l	12/18/96	1461424
	FILTERED 1460542	M048	Lead, Dissolved	< 0.005		mg/l	10/12/95	1460541
	FILTERED 1461425	M048	Lead, Dissolved	< 0.003		mg/l	12/18/96	1461424
	FILTERED 1460542	M050	Selenium, Dissolved	0.005		mg/l	10/12/95	1460541
	FILTERED 1461425	M050	Selenium, Dissolved	< 0.005		mg/l	12/18/96	1461424
	FILTERED 1460542	M053	Zinc, Dissolved	< 0.025		mg/l	10/12/95	1460541
	FILTERED 1461425	M053	Zinc, Dissolved	0.02		mg/l	12/18/96	1461424
	FILTERED 1460542	M054	Aluminum, Dissolved	0.14		mg/l	10/12/95	1460541
	FILTERED 1461425	M054	Aluminum, Dissolved	< 0.2		mg/l	12/18/96	1461424
	FILTERED 1460542	M055	Cobalt, Dissolved	< 0.030		mg/l	10/12/95	1460541
	FILTERED 1461425	M055	Cobalt, Dissolved	< 0.05		mg/l	12/18/96	1461424
	FILTERED 1461425	M056	Trivalent Chromium	< 0.01		mg/l	12/18/96	1461424
	FILTERED 1461425	M057	Hexavalent Chromium	< 0.01		mg/l	12/18/96	1461424
	FILTERED 1460542	M059	Nickel, Dissolved	< 0.040		mg/l	10/12/95	1460541
	FILTERED 1461425	M059	Nickel, Dissolved	< 0.04		mg/l	12/18/96	1461424
	FILTERED 1460542	M098	Thallium, Dissolved	< 0.010		mg/l	10/12/95	1460541
	FILTERED 1461425	M098	Thallium, Dissolved	< 0.01		mg/l	12/18/96	1461424
	FILTERED 1460542	M099	Vanadium, Dissolved	< 0.025		mg/l	10/12/95	1460541

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TABLE-22
Groundwater Analytical Results
Inorganic Parameters
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
GW-65-BR								
			Metals - Dissolved					
	FILTERED 1461425	M099	Vanadium, Dissolved	< 0.05		mg/l	12/18/96	1461424
	FILTERED 1460542	M100	Antimony, Dissolved	< 0.005		mg/l	10/12/95	1460541
	FILTERED 1461425	M100	Antimony, Dissolved	< 0.06		mg/l	12/18/96	1461424
	FILTERED 1460542	M109	Trivalent Chromium, Dissolved	< 0.015	uj	mg/l	10/12/95	1460541
	FILTERED 1460542	M111	Total Iron, Field	0.04		mg/l	10/12/95	1460541
	FILTERED 1460542	M112	Iron as Fe+2 - Field	0.01		mg/l	10/12/95	1460541
	FILTERED 1460542	M113	Iron as Fe+3 - Field	0.03		mg/l	10/12/95	1460541
	FILTERED 1460542	M114	Hexavalent Chromium, Field	< 0.0		mg/l	10/12/95	1460541
			Inorganic Non-metals					
	FILTERED 1461425	I002	Total Alkalinity as CaCO3	85.8		mg/l	12/18/96	1461424
	FILTERED 1460542	I005	Chloride	27		mg/l	10/12/95	1460541
	FILTERED 1461425	I005	Chloride	13		mg/l	12/18/96	1461424
	FILTERED 1460542	I009	Nitrogen, Ammonia	0.37		mg/l	10/12/95	1460541
		I009	Nitrogen, Ammonia	0.47		mg/l	10/12/95	1460542
	FILTERED 1461425	I009	Nitrogen, Ammonia	< 0.04		mg/l	12/18/96	1461424
	FILTERED 1460542	I012	Nitrate as N	< 0.14	u	mg/l	10/12/95	1460541
	FILTERED 1461425	I012	Nitrate as N	< 0.1		mg/l	12/18/96	1461424
	FILTERED 1460542	I014	Nitrite as N	< 0.050		mg/l	10/12/95	1460541
	FILTERED 1461425	I014	Nitrite as N	< 0.005		mg/l	12/18/96	1461424
	FILTERED 1460542	I017	Ortho Phosphate as Phosphorus	0.03		mg/l	10/12/95	1460541
	FILTERED 1460542	I018	Sulfate as SO4	200		mg/l	10/12/95	1460541
	FILTERED 1461425	I018	Sulfate as SO4	22		mg/l	12/18/96	1461424
	FILTERED 1460542	I026	Bicarbonate Alkalinity as CaCO3	< 20		mg/l	10/12/95	1460541
	FILTERED 1460542	I027	Carbonate Alkalinity as CaCO3	120		mg/l	10/12/95	1460541
	FILTERED 1461425	I027	Carbonate Alkalinity as CaCO3	< 2.00		mg/l	12/18/96	1461424
	FILTERED 1460542	I030	Bromide	< 1	uj	mg/l	10/12/95	[illegible]
	FILTERED 1461425	I030	Bromide	< 0.5		mg/l	12/18/96	[illegible]
	FILTERED 1460542	I040	Silica as SiO2	14		mg/l	10/12/95	[illegible]
		I040	Silica as SiO2	16		mg/l	10/12/95	1460542
	FILTERED 1461425	I040	Silica as SiO2	39.3		mg/l	12/18/96	1461424
	FILTERED 1460542	I044	Phosphorous	< 1.0	uj	mg/l	10/12/95	1460541
	FILTERED 1461425	I044	Phosphorous	< 0.1		mg/l	12/18/96	1461424
	FILTERED 1460542	I058	Sulfide	< 1		mg/l	10/12/95	1460541
	FILTERED 1461425	I058	Sulfide	< 1		mg/l	12/18/96	1461424
		I059	Dissolved Oxygen, Field	0.8		mg/l	10/12/95	1460542
		I060	Eh Field	+246		mv	10/12/95	1460542
	FILTERED 1460542	I067	Alkalinity - Field	56		mg/l	10/12/95	1460541
	FILTERED 1461425	I070	Bicarbonate as HCO3	85.8		mg/l	12/18/96	1461424
			Physical Properties					
	FILTERED 1460542	F007	Total Dissolved Solids (TDS)	970		mg/l	10/12/95	1460541
		F007	Total Dissolved Solids (TDS)	180		mg/l	12/18/96	1461425
	FILTERED 1461425	F009	pH Laboratory	7.92		Std. Un	12/18/96	1461424
	FILTERED 1461425	F010	Temperature	20		deg. C	12/18/96	1461424
	FILTERED 1460542	F031	Viscosity	3.20		cpoise	10/12/95	1460541
		F037	pH Field	11.90		Std. Un	10/12/95	1460542
		F037	pH Field	11.89		Std. Un	10/19/95	1460602
		F037	pH Field	7.44		Std. Un	12/18/96	1461425
		F062	Specific Conductance - Field	2840		umhos	10/12/95	1460542
		F062	Specific Conductance - Field	2780		umhos	10/19/95	1460602
		F062	Specific Conductance - Field	254		umhos	12/18/96	1461425
		F064	Temperature - Field	13.4		deg. C	10/12/95	1460542
		F064	Temperature - Field	13.5		deg. C	10/19/95	1460602
		F064	Temperature - Field	9.8		deg. C	12/18/96	1461425
GW-67-D								
			Metals					
	COND. SPIKE	M008	Chromium	< 0.015		mg/l	01/13/95	1460257
			Metals - Dissolved					
	FILTERED	M033	Calcium, Dissolved	49.4		mg/l	05/22/97	1461667

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TABLE-22
Groundwater Analytical Results
Inorganic Parameters
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
GW-67-D								
			Metals - Dissolved					
	FILTERED	M036	Chromium, Dissolved	< 0.010		mg/l	05/22/97	1461667
	FILTERED	M040	Iron, Dissolved	< 0.100		mg/l	05/22/97	1461667
	FILTERED	M042	Potassium, Dissolved	< 5.00		mg/l	05/22/97	1461667
	FILTERED	M044	Magnesium, Dissolved	9.84		mg/l	05/22/97	1461667
	FILTERED	M045	Manganese, Dissolved	< 0.015		mg/l	05/22/97	1461667
	FILTERED	M047	Sodium, Dissolved	129		mg/l	05/22/97	1461667
	FILTERED	M054	Aluminum, Dissolved	< 0.20		mg/l	05/22/97	1461667
			Inorganic Non-metals					
	FILTERED	I005	Chloride	284		mg/l	05/22/97	1461667
	COND. SPIKE	I009	Nitrogen, Ammonia	0.06		mg/l	01/13/95	1460257
	FILTERED	I009	Nitrogen, Ammonia	< 0.040		mg/l	05/22/97	1461667
	COND. SPIKE	I018	Sulfate as SO4	45		mg/l	01/13/95	1460257
	FILTERED	I018	Sulfate as SO4	38.3		mg/l	05/22/97	1461667
	FILTERED	I026	Bicarbonate Alkalinity as CaCO3	25.8		mg/l	05/22/97	1461667
	FILTERED	I027	Carbonate Alkalinity as CaCO3	< 2.00		mg/l	05/22/97	1461667
			Physical Properties					
	FILTERED	F007	Total Dissolved Solids (TDS)	708		mg/l	05/22/97	1461667
	FILTERED	F037	pH Field	5.23		Std. Un	05/22/97	1461667
	FILTERED	F062	Specific Conductance - Field	1100		umhos	05/22/97	1461667
	FILTERED	F064	Temperature - Field	11.2		deg. C	05/22/97	1461667
GW-67-S								
			Metals - Dissolved					
	FILTERED	M033	Calcium, Dissolved	5.94		mg/l	05/22/97	1461668
	FILTERED	M036	Chromium, Dissolved	< 0.010		mg/l	05/22/97	1461668
	FILTERED	M040	Iron, Dissolved	< 0.100		mg/l	05/22/97	1461668
	FILTERED	M042	Potassium, Dissolved	< 5.00		mg/l	05/22/97	1461668
	FILTERED	M044	Magnesium, Dissolved	< 5.00		mg/l	05/22/97	1461668
	FILTERED	M045	Manganese, Dissolved	< 0.015		mg/l	05/22/97	1461668
	FILTERED	M047	Sodium, Dissolved	17.2		mg/l	05/22/97	1461668
	FILTERED	M054	Aluminum, Dissolved	< 0.20		mg/l	05/22/97	1461668
			Inorganic Non-metals					
	FILTERED	I005	Chloride	23.2		mg/l	05/22/97	1461668
	FILTERED	I009	Nitrogen, Ammonia	< 0.040		mg/l	05/22/97	1461668
	FILTERED	I018	Sulfate as SO4	15.3		mg/l	05/22/97	1461668
	FILTERED	I026	Bicarbonate Alkalinity as CaCO3	10.0		mg/l	05/22/97	1461668
	FILTERED	I027	Carbonate Alkalinity as CaCO3	< 2.00		mg/l	05/22/97	1461668
			Physical Properties					
	FILTERED	F007	Total Dissolved Solids (TDS)	96.0		mg/l	05/22/97	1461668
	FILTERED	F037	pH Field	5.71		Std. Un	05/22/97	1461668
	FILTERED	F062	Specific Conductance - Field	166		umhos	05/22/97	1461668
	FILTERED	F064	Temperature - Field	8.9		deg. C	05/22/97	1461668
GW-68-BR								
			Metals					
	COND. SPIKE	M008	Chromium	0.14		mg/l	01/13/95	1460253
			Inorganic Non-metals					
	COND. SPIKE	I009	Nitrogen, Ammonia	30		mg/l	01/13/95	1460253
	COND. SPIKE	I018	Sulfate as SO4	4200		mg/l	01/13/95	1460253
GW-69-D								
			Physical Properties					
		F062	Specific Conductance - Field	20600		umhos	04/30/96	1461007
		F064	Temperature - Field	9.8		deg. C	04/30/96	1461007
		F066	Specific Gravity, Field	1.000		g/ml	04/30/96	1461007
GW-69-S								
			Metals - Dissolved					
	FILTERED 1461273	M028	Arsenic, Dissolved	< 0.010		mg/l	10/16/96	1461310

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Groundwater Analytical Results
Inorganic Parameters
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
GW-69-S								
			Metals - Dissolved					
	FILTERED 1461273	M029	Barium, Dissolved	< 0.20		mg/l	10/16/96	1461310
	FILTERED 1461273	M031	Beryllium, Dissolved	< 0.005		mg/l	10/16/96	1461310
	FILTERED 1461273	M032	Silver, Dissolved	< 0.01		mg/l	10/16/96	1461310
	FILTERED 1461273	M033	Calcium, Dissolved	< 5.0		mg/l	10/16/96	1461310
	FILTERED 1461273	M034	Cadmium, Dissolved	< 0.005		mg/l	10/16/96	1461310
	FILTERED 1461273	M036	Chromium, Dissolved	< 0.01		mg/l	10/16/96	1461310
	FILTERED 1461273	M037	Copper, Dissolved	< 0.025		mg/l	10/16/96	1461310
	FILTERED 1461273	M040	Iron, Dissolved	< 0.10		mg/l	10/16/96	1461310
	FILTERED 1461273	M041	Mercury, Dissolved	< 0.2		ug/l	10/16/96	1461310
	FILTERED 1461273	M042	Potassium, Dissolved	< 5.0		mg/l	10/16/96	1461310
	FILTERED 1461273	M044	Magnesium, Dissolved	< 5.00		mg/l	10/16/96	1461310
	FILTERED 1461273	M045	Manganese, Dissolved	0.604		mg/l	10/16/96	1461310
	FILTERED 1461273	M047	Sodium, Dissolved	31.8		mg/l	10/16/96	1461310
	FILTERED 1461273	M048	Lead, Dissolved	0.004		mg/l	10/16/96	1461310
	FILTERED 1461273	M050	Selenium, Dissolved	< 0.005		mg/l	10/16/96	1461310
	FILTERED 1461273	M053	Zinc, Dissolved	< 0.02		mg/l	10/16/96	1461310
	FILTERED 1461273	M054	Aluminum, Dissolved	1.02		mg/l	10/16/96	1461310
	FILTERED 1461273	M055	Cobalt, Dissolved	< 0.05		mg/l	10/16/96	1461310
	FILTERED 1461273	M059	Nickel, Dissolved	< 0.04		mg/l	10/16/96	1461310
	FILTERED 1461273	M098	Thallium, Dissolved	0.019		mg/l	10/16/96	1461310
	FILTERED 1461273	M099	Vanadium, Dissolved	< 0.05		mg/l	10/16/96	1461310
	FILTERED 1461273	M100	Antimony, Dissolved	< 0.06		mg/l	10/16/96	1461310
			Inorganic Non-metals					
	FILTERED 1461273	I005	Chloride	42.6		mg/l	10/16/96	1461310
	FILTERED 1461273	I009	Nitrogen, Ammonia	3.61		mg/l	10/16/96	1461310
	FILTERED 1461273	I018	Sulfate as SO4	48.2		mg/l	10/16/96	1[illegible]10
	FILTERED 1461273	I070	Bicarbonate as HCO3	5.2		mg/l	10/16/96	1[illegible]0
			Physical Properties					
		F037	pH Field	6.00		Std. Un	10/16/96	1461273
		F062	Specific Conductance - Field	346		umhos	10/16/96	1461273
		F064	Temperature - Field	12		deg. C	10/16/96	1461273
GW-70-D								
			Physical Properties					
		F062	Specific Conductance - Field	50500		umhos	04/30/96	1461004
		F064	Temperature - Field	10.0		deg. C	04/30/96	1461004
		F066	Specific Gravity, Field	1.025		g/ml	04/30/96	1461004
GW-75-D								
			Metals - Dissolved					
	FILTERED	M033	Calcium, Dissolved	37.1		mg/l	05/21/97	1461669
	FILTERED	M036	Chromium, Dissolved	< 0.010		mg/l	05/21/97	1461669
	FILTERED	M040	Iron, Dissolved	5.77		mg/l	05/21/97	1461669
	FILTERED	M042	Potassium, Dissolved	13.0		mg/l	05/21/97	1461669
	FILTERED	M044	Magnesium, Dissolved	10.4		mg/l	05/21/97	1461669
	FILTERED	M045	Manganese, Dissolved	2.75		mg/l	05/21/97	1461669
	FILTERED	M047	Sodium, Dissolved	59.2		mg/l	05/21/97	1461669
	FILTERED	M054	Aluminum, Dissolved	< 0.20		mg/l	05/21/97	1461669
			Inorganic Non-metals					
	FILTERED	I005	Chloride	75.7		mg/l	05/21/97	1461669
	FILTERED	I009	Nitrogen, Ammonia	46.9		mg/l	05/21/97	1461669
	FILTERED	I018	Sulfate as SO4	68.8		mg/l	05/21/97	1461669
	FILTERED	I026	Bicarbonate Alkalinity as CaCO3	305		mg/l	05/21/97	1461669
	FILTERED	I027	Carbonate Alkalinity as CaCO3	< 2.00		mg/l	05/21/97	1461669
			Physical Properties					
	FILTERED	F007	Total Dissolved Solids (TDS)	378		mg/l	05/21/97	1461669
	FILTERED	F037	pH Field	6.88		Std. Un	05/21/97	1461669
	FILTERED	F062	Specific Conductance - Field	1020		umhos	05/21/97	1461669
	FILTERED	F064	Temperature - Field	9.6		deg. C	05/21/97	1461669

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TABLE-22
Groundwater Analytical Results
Inorganic Parameters
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
GW-75-S								
			Metals - Dissolved					
	FILTERED	M033	Calcium, Dissolved	5.31		mg/l	05/21/97	1461670
	FILTERED	M036	Chromium, Dissolved	< 0.010		mg/l	05/21/97	1461670
	FILTERED	M040	Iron, Dissolved	< 0.100		mg/l	05/21/97	1461670
	FILTERED	M042	Potassium, Dissolved	< 5.00		mg/l	05/21/97	1461670
	FILTERED	M044	Magnesium, Dissolved	< 5.00		mg/l	05/21/97	1461670
	FILTERED	M045	Manganese, Dissolved	< 0.015		mg/l	05/21/97	1461670
	FILTERED	M047	Sodium, Dissolved	9.36		mg/l	05/21/97	1461670
	FILTERED	M054	Aluminum, Dissolved	< 0.20		mg/l	05/21/97	1461670
			Inorganic Non-metals					
	FILTERED	I005	Chloride	12.2		mg/l	05/21/97	1461670
	FILTERED	I009	Nitrogen, Ammonia	< 0.040		mg/l	05/21/97	1461670
	FILTERED	I018	Sulfate as SO4	< 10.0		mg/l	05/21/97	1461670
	FILTERED	I026	Bicarbonate Alkalinity as CaCO3	12.8		mg/l	05/21/97	1461670
	FILTERED	I027	Carbonate Alkalinity as CaCO3	< 2.00		mg/l	05/21/97	1461670
			Physical Properties					
	FILTERED	F007	Total Dissolved Solids (TDS)	80.0		mg/l	05/21/97	1461670
	FILTERED	F037	pH Field	5.60		Std. Un	05/21/97	1461670
	FILTERED	F062	Specific Conductance - Field	107		umhos	05/21/97	1461670
	FILTERED	F064	Temperature - Field	8.2		deg. C	05/21/97	1461670
GW-76-S								
			Metals					
		M008	Chromium	0.04		mg/l	02/02/95	1460228
		M008	Chromium	< 0.015		mg/l	05/03/95	1460397
		M008	Chromium	< 0.015		mg/l	07/19/95	1460465
		M008	Chromium	0.020		mg/l	10/18/95	1460667
	DUP OF 1460667	M008	Chromium	0.025		mg/l	10/18/95	1460668
		M056	Trivalent Chromium	< 0.015		mg/l	02/02/95	1460228
		M056	Trivalent Chromium	< 0.015		mg/l	05/03/95	1460397
		M056	Trivalent Chromium	< 0.015		mg/l	07/19/95	1460465
		M056	Trivalent Chromium	0.020		mg/l	10/18/95	1460667
	DUP OF 1460667	M056	Trivalent Chromium	0.025		mg/l	10/18/95	1460668
		M057	Hexavalent Chromium	0.026		mg/l	02/02/95	1460228
		M057	Hexavalent Chromium	< 0.015		mg/l	05/03/95	1460397
		M057	Hexavalent Chromium	< 0.015		mg/l	07/19/95	1460465
		M057	Hexavalent Chromium	< 0.015		mg/l	10/18/95	1460667
	DUP OF 1460667	M057	Hexavalent Chromium	< 0.015		mg/l	10/18/95	1460668
		M111	Total Iron, Field	2.75		mg/l	02/02/95	1460228
			Metals - Dissolved					
	FILTERED 1460228	M028	Arsenic, Dissolved	< 0.005		mg/l	02/02/95	1460223
	FILTERED 1460397	M028	Arsenic, Dissolved	< 0.005		mg/l	05/03/95	1460378
	FILTERED 1460465	M028	Arsenic, Dissolved	< 0.005		mg/l	07/19/95	1460453
	FILTERED 1460667	M028	Arsenic, Dissolved	< 0.005		mg/l	10/18/95	1460650
	FILTDUP 1460650	M028	Arsenic, Dissolved	< 0.005		mg/l	10/18/95	1460651
	FILTERED 1461274	M028	Arsenic, Dissolved	< 0.010		mg/l	10/16/96	1461311
	FILTERED 1460228	M029	Barium, Dissolved	0.045		mg/l	02/02/95	1460223
	FILTERED 1460397	M029	Barium, Dissolved	0.025		mg/l	05/03/95	1460378
	FILTERED 1460465	M029	Barium, Dissolved	0.065		mg/l	07/19/95	1460453
	FILTERED 1460667	M029	Barium, Dissolved	0.16		mg/l	10/18/95	1460650
	FILTDUP 1460650	M029	Barium, Dissolved	0.15		mg/l	10/18/95	1460651
	FILTERED 1461274	M029	Barium, Dissolved	< 0.20		mg/l	10/16/96	1461311
	FILTERED 1461274	M031	Beryllium, Dissolved	< 0.005		mg/l	10/16/96	1461311
	FILTERED 1461274	M032	Silver, Dissolved	< 0.01		mg/l	10/16/96	1461311
	FILTERED 1460228	M033	Calcium, Dissolved	27		mg/l	02/02/95	1460223
	FILTERED 1460397	M033	Calcium, Dissolved	20		mg/l	05/03/95	1460378
	FILTERED 1460465	M033	Calcium, Dissolved	14		mg/l	07/19/95	1460453
	FILTERED 1460667	M033	Calcium, Dissolved	65		mg/l	10/18/95	1460650
	FILTDUP 1460650	M033	Calcium, Dissolved	64		mg/l	10/18/95	1460651
	FILTERED 1461274	M033	Calcium, Dissolved	24.8		mg/l	10/16/96	1461311

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TABLE-22
Groundwater Analytical Results
Inorganic Parameters
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
GW-76-S								
			Metals - Dissolved					
	FILTERED 1461391	M033	Calcium, Dissolved	19.4		mg/l	12/17/96	1461392
	FILTERED 1461274	M034	Cadmium, Dissolved	< 0.005		mg/l	10/16/96	1461311
	FILTERED 1460228	M035	Hexavalent Chromium, Dissolved	< 0.015		mg/l	02/02/95	1460223
	FILTERED 1460397	M035	Hexavalent Chromium, Dissolved	< 0.015		mg/l	05/03/95	1460378
	FILTERED 1460465	M035	Hexavalent Chromium, Dissolved	< 0.015		mg/l	07/19/95	1460453
	FILTERED 1460667	M035	Hexavalent Chromium, Dissolved	< 0.015		mg/l	10/18/95	1460650
	FILTDUP 1460650	M035	Hexavalent Chromium, Dissolved	< 0.015		mg/l	10/18/95	1460651
	FILTERED 1460228	M036	Chromium, Dissolved	< 0.015		mg/l	02/02/95	1460223
	FILTERED 1460397	M036	Chromium, Dissolved	< 0.015		mg/l	05/03/95	1460378
	FILTERED 1460465	M036	Chromium, Dissolved	< 0.015		mg/l	07/19/95	1460453
	FILTERED 1460667	M036	Chromium, Dissolved	< 0.015		mg/l	10/18/95	1460650
	FILTDUP 1460650	M036	Chromium, Dissolved	< 0.015		mg/l	10/18/95	1460651
	FILTERED 1461274	M036	Chromium, Dissolved	< 0.01		mg/l	10/16/96	1461311
	FILTERED 1461391	M036	Chromium, Dissolved	< 0.010		mg/l	12/17/96	1461392
	FILTERED 1461274	M037	Copper, Dissolved	< 0.025		mg/l	10/16/96	1461311
	FILTERED 1460228	M040	Iron, Dissolved	1.30		mg/l	02/02/95	1460223
	FILTERED 1460397	M040	Iron, Dissolved	0.036		mg/l	05/03/95	1460378
	FILTERED 1460465	M040	Iron, Dissolved	0.98		mg/l	07/19/95	1460453
	FILTERED 1460667	M040	Iron, Dissolved	0.13		mg/l	10/18/95	1460650
	FILTDUP 1460650	M040	Iron, Dissolved	0.19		mg/l	10/18/95	1460651
	FILTERED 1461274	M040	Iron, Dissolved	< 0.10		mg/l	10/16/96	1461311
	FILTERED 1461274	M041	Mercury, Dissolved	< 0.2		ug/l	10/16/96	1461311
	FILTERED 1460228	M042	Potassium, Dissolved	0.89		mg/l	02/02/95	1460223
	FILTERED 1460397	M042	Potassium, Dissolved	0.83		mg/l	05/03/95	1460378
	FILTERED 1460465	M042	Potassium, Dissolved	0.90		mg/l	07/19/95	1460453
	FILTERED 1460667	M042	Potassium, Dissolved	< 3		mg/l	10/18/95	1[illegible]0
	FILTDUP 1460650	M042	Potassium, Dissolved	< 3		mg/l	10/18/95	[illegible]1
	FILTERED 1461274	M042	Potassium, Dissolved	< 5.0		mg/l	10/16/96	14[illegible]11
	FILTERED 1460228	M044	Magnesium, Dissolved	2.2		mg/l	02/02/95	1460223
	FILTERED 1460397	M044	Magnesium, Dissolved	1.7		mg/l	05/03/95	1460378
	FILTERED 1460465	M044	Magnesium, Dissolved	1.6		mg/l	07/19/95	1460453
	FILTERED 1460667	M044	Magnesium, Dissolved	6.0		mg/l	10/18/95	1460650
	FILTDUP 1460650	M044	Magnesium, Dissolved	5.9		mg/l	10/18/95	1460651
	FILTERED 1461274	M044	Magnesium, Dissolved	< 5.00		mg/l	10/16/96	1461311
	FILTERED 1460228	M045	Manganese, Dissolved	0.45		mg/l	02/02/95	1460223
	FILTERED 1460397	M045	Manganese, Dissolved	0.26		mg/l	05/03/95	1460378
	FILTERED 1460465	M045	Manganese, Dissolved	0.34		mg/l	07/19/95	1460453
	FILTERED 1460667	M045	Manganese, Dissolved	0.55		mg/l	10/18/95	1460650
	FILTDUP 1460650	M045	Manganese, Dissolved	0.55		mg/l	10/18/95	1460651
	FILTERED 1461274	M045	Manganese, Dissolved	0.288		mg/l	10/16/96	1461311
	FILTERED 1460228	M047	Sodium, Dissolved	50		mg/l	02/02/95	1460223
	FILTERED 1460397	M047	Sodium, Dissolved	36		mg/l	05/03/95	1460378
	FILTERED 1460465	M047	Sodium, Dissolved	56		mg/l	07/19/95	1460453
	FILTERED 1460667	M047	Sodium, Dissolved	50		mg/l	10/18/95	1460650
	FILTDUP 1460650	M047	Sodium, Dissolved	49		mg/l	10/18/95	1460651
	FILTERED 1461274	M047	Sodium, Dissolved	34.1		mg/l	10/16/96	1461311
	FILTERED 1460228	M048	Lead, Dissolved	< 0.005		mg/l	02/02/95	1460223
	FILTERED 1460397	M048	Lead, Dissolved	< 0.005		mg/l	05/03/95	1460378
	FILTERED 1460465	M048	Lead, Dissolved	< 0.005		mg/l	07/19/95	1460453
	FILTERED 1460667	M048	Lead, Dissolved	< 0.005		mg/l	10/18/95	1460650
	FILTDUP 1460650	M048	Lead, Dissolved	< 0.005		mg/l	10/18/95	1460651
	FILTERED 1461274	M048	Lead, Dissolved	< 0.003		mg/l	10/16/96	1461311
	FILTERED 1461274	M050	Selenium, Dissolved	< 0.005		mg/l	10/16/96	1461311
	FILTERED 1461274	M053	Zinc, Dissolved	< 0.02		mg/l	10/16/96	1461311
	FILTERED 1460228	M054	Aluminum, Dissolved	< 0.10		mg/l	02/02/95	1460223
	FILTERED 1460397	M054	Aluminum, Dissolved	< 0.10		mg/l	05/03/95	1460378
	FILTERED 1460465	M054	Aluminum, Dissolved	< 0.10		mg/l	07/19/95	1460453
	FILTERED 1460667	M054	Aluminum, Dissolved	< 0.10		mg/l	10/18/95	1460650
	FILTDUP 1460650	M054	Aluminum, Dissolved	< 0.10		mg/l	10/18/95	1460651

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TABLE-22
Groundwater Analytical Results
Inorganic Parameters
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
GW-76-S								
			Metals - Dissolved					
	FILTERED 1461274	M054	Aluminum, Dissolved	< 0.20		mg/l	10/16/96	1461311
	FILTERED 1461274	M055	Cobalt, Dissolved	< 0.05		mg/l	10/16/96	1461311
	FILTERED 1461274	M059	Nickel, Dissolved	< 0.04		mg/l	10/16/96	1461311
	FILTERED 1461274	M098	Thallium, Dissolved	< 0.01		mg/l	10/16/96	1461311
	FILTERED 1461274	M099	Vanadium, Dissolved	< 0.05		mg/l	10/16/96	1461311
	FILTERED 1461274	M100	Antimony, Dissolved	< 0.06		mg/l	10/16/96	1461311
	FILTERED 1460228	M109	Trivalent Chromium, Dissolved	< 0.015		mg/l	02/02/95	1460223
	FILTERED 1460397	M109	Trivalent Chromium, Dissolved	< 0.015		mg/l	05/03/95	1460378
	FILTERED 1460465	M109	Trivalent Chromium, Dissolved	< 0.015		mg/l	07/19/95	1460453
	FILTERED 1460667	M109	Trivalent Chromium, Dissolved	< 0.015		mg/l	10/18/95	1460650
	FILTDUP 1460650	M109	Trivalent Chromium, Dissolved	< 0.015		mg/l	10/18/95	1460651
	FILTERED 1460228	M111	Total Iron, Field	1.1		mg/l	02/02/95	1460223
	FILTERED 1460397	M111	Total Iron, Field	0.02		mg/l	05/03/95	1460378
	FILTERED 1460465	M111	Total Iron, Field	0.56		mg/l	07/19/95	1460453
	FILTERED 1460397	M112	Iron as Fe+2 - Field	0.04		mg/l	05/03/95	1460378
	FILTERED 1460465	M112	Iron as Fe+2 - Field	0.48		mg/l	07/19/95	1460453
	FILTERED 1460667	M112	Iron as Fe+2 - Field	0.09		mg/l	10/18/95	1460650
	FILTERED 1460397	M113	Iron as Fe+3 - Field	< 0.0		mg/l	05/03/95	1460378
	FILTERED 1460465	M113	Iron as Fe+3 - Field	0.08		mg/l	07/19/95	1460453
	FILTERED 1460667	M113	Iron as Fe+3 - Field	0.02		mg/l	10/18/95	1460650
	FILTERED 1460397	M114	Hexavalent Chromium, Field	< 0.0		mg/l	05/03/95	1460378
			Inorganic Non-metals					
	FILTERED 1460228	I005	Chloride	60		mg/l	02/02/95	1460223
	FILTERED 1460397	I005	Chloride	25		mg/l	05/03/95	1460378
	FILTERED 1460465	I005	Chloride	91		mg/l	07/19/95	1460453
	FILTERED 1460667	I005	Chloride	34		mg/l	10/18/95	1460650
	FILTDUP 1460650	I005	Chloride	34		mg/l	10/18/95	1460651
	FILTERED 1461274	I005	Chloride	49.7		mg/l	10/16/96	1461311
	FILTERED 1461391	I005	Chloride	15.5	N	mg/l	12/17/96	1461392
	FILTERED 1460228	I009	Nitrogen, Ammonia	2.3		mg/l	02/02/95	1460223
	FILTERED 1460397	I009	Nitrogen, Ammonia	22		mg/l	05/03/95	1460378
	FILTERED 1460465	I009	Nitrogen, Ammonia	14		mg/l	07/19/95	1460453
	FILTERED 1460667	I009	Nitrogen, Ammonia	90		mg/l	10/18/95	1460650
	FILTDUP 1460650	I009	Nitrogen, Ammonia	92		mg/l	10/18/95	1460651
	FILTERED 1461274	I009	Nitrogen, Ammonia	25.6		mg/l	10/16/96	1461311
	FILTERED 1461391	I009	Nitrogen, Ammonia	21.5		mg/l	12/17/96	1461392
	FILTERED 1460228	I012	Nitrate as N	4.7		mg/l	02/02/95	1460223
	FILTERED 1460397	I012	Nitrate as N	2.4		mg/l	05/03/95	1460378
	FILTERED 1460465	I012	Nitrate as N	0.14		mg/l	07/19/95	1460453
	FILTERED 1460667	I012	Nitrate as N	1.3		mg/l	10/18/95	1460650
	FILTDUP 1460650	I012	Nitrate as N	1.2		mg/l	10/18/95	1460651
	FILTERED 1460228	I014	Nitrite as N	0.058		mg/l	02/02/95	1460223
	FILTERED 1460397	I014	Nitrite as N	< 0.050		mg/l	05/03/95	1460378
	FILTERED 1460465	I014	Nitrite as N	< 0.050		mg/l	07/19/95	1460453
	FILTERED 1460667	I014	Nitrite as N	< 0.050		mg/l	10/18/95	1460650
	FILTDUP 1460650	I014	Nitrite as N	< 0.050		mg/l	10/18/95	1460651
	FILTERED 1460228	I017	Ortho Phosphate as Phosphorus	0.46		mg/l	02/02/95	1460223
	FILTERED 1460397	I017	Ortho Phosphate as Phosphorus	< 0.02		mg/l	05/03/95	1460378
	FILTERED 1460465	I017	Ortho Phosphate as Phosphorus	< 0.02		mg/l	07/19/95	1460453
	FILTERED 1460667	I017	Ortho Phosphate as Phosphorus	< 0.02		mg/l	10/18/95	1460650
	FILTDUP 1460650	I017	Ortho Phosphate as Phosphorus	< 0.02		mg/l	10/18/95	1460651
	FILTERED 1460228	I018	Sulfate as SO4	51		mg/l	02/02/95	1460223
	FILTERED 1460397	I018	Sulfate as SO4	140		mg/l	05/03/95	1460378
	FILTERED 1460465	I018	Sulfate as SO4	38		mg/l	07/19/95	1460453
	FILTERED 1460667	I018	Sulfate as SO4	330		mg/l	10/18/95	1460650
	FILTDUP 1460650	I018	Sulfate as SO4	350		mg/l	10/18/95	1460651
	FILTERED 1461274	I018	Sulfate as SO4	119		mg/l	10/16/96	1461311
	FILTERED 1461391	I018	Sulfate as SO4	127		mg/l	12/17/96	1461392
	FILTERED 1460228	I026	Bicarbonate Alkalinity as CaCO3	65		mg/l	02/02/95	1460223

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Groundwater Analytical Results
Inorganic Parameters
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
GW-76-S								
			Inorganic Non-metals					
	FILTERED 1460397	I026	Bicarbonate Alkalinity as CaCO3	58		mg/l	05/03/95	1460378
	FILTERED 1460465	I026	Bicarbonate Alkalinity as CaCO3	35		mg/l	07/19/95	1460453
	FILTERED 1460667	I026	Bicarbonate Alkalinity as CaCO3	100		mg/l	10/18/95	1460650
	FILTDUP 1460650	I026	Bicarbonate Alkalinity as CaCO3	100		mg/l	10/18/95	1460651
	FILTERED 1460228	I027	Carbonate Alkalinity as CaCO3	< 20		mg/l	02/02/95	1460223
	FILTERED 1460397	I027	Carbonate Alkalinity as CaCO3	< 20		mg/l	05/03/95	1460378
	FILTERED 1460465	I027	Carbonate Alkalinity as CaCO3	< 20		mg/l	07/19/95	1460453
	FILTERED 1460667	I027	Carbonate Alkalinity as CaCO3	< 20		mg/l	10/18/95	1460650
	FILTDUP 1460650	I027	Carbonate Alkalinity as CaCO3	< 20		mg/l	10/18/95	1460651
	FILTERED 1460228	I030	Bromide	< 2		mg/l	02/02/95	1460223
	FILTERED 1460397	I030	Bromide	< 1		mg/l	05/03/95	1460378
	FILTERED 1460465	I030	Bromide	< 1		mg/l	07/19/95	1460453
	FILTERED 1460667	I030	Bromide	< 1		mg/l	10/18/95	1460650
	FILTDUP 1460650	I030	Bromide	< 1		mg/l	10/18/95	1460651
	FILTERED 1460228	I040	Silica as SiO2	14		mg/l	02/02/95	1460223
	FILTERED 1460397	I040	Silica as SiO2	14		mg/l	05/03/95	1460378
	FILTERED 1460465	I040	Silica as SiO2	9.1		mg/l	07/19/95	1460453
	FILTERED 1460667	I040	Silica as SiO2	14		mg/l	10/18/95	1460650
	FILTDUP 1460650	I040	Silica as SiO2	14		mg/l	10/18/95	1460651
	FILTERED 1460228	I044	Phosphorous	< 0.1		mg/l	02/02/95	1460223
	FILTERED 1460397	I044	Phosphorous	0.18		mg/l	05/03/95	1460378
	FILTERED 1460465	I044	Phosphorous	< 0.10		mg/l	07/19/95	1460453
	FILTERED 1460667	I044	Phosphorous	< 0.10		mg/l	10/18/95	1460650
	FILTDUP 1460650	I044	Phosphorous	< 0.10		mg/l	10/18/95	1460651
	FILTERED 1460228	I058	Sulfide	44		mg/l	02/02/95	1460223
	FILTERED 1460397	I058	Sulfide	3		mg/l	05/03/95	1[illegible]8
	FILTERED 1460465	I058	Sulfide	< 1		mg/l	07/19/95	1[illegible]3
	FILTERED 1460667	I058	Sulfide	1		mg/l	10/18/95	1460650
	FILTDUP 1460650	I058	Sulfide	10		mg/l	10/18/95	1460651
		I059	Dissolved Oxygen, Field	2.4		mg/l	02/02/95	1460228
		I059	Dissolved Oxygen, Field	1.1		mg/l	05/03/95	1460397
		I059	Dissolved Oxygen, Field	< 0.0		mg/l	07/19/95	1460465
		I059	Dissolved Oxygen, Field	0.5		mg/l	10/18/95	1460667
		I060	Eh Field	+206		mv	05/03/95	1460397
		I060	Eh Field	+290		mv	07/19/95	1460465
		I060	Eh Field	+436		mv	10/18/95	1460667
		I060	Eh Field	+436		mv	10/18/95	1460667
	FILTERED 1460397	I067	Alkalinity - Field	65.5		mg/l	05/03/95	1460378
	FILTERED 1460465	I067	Alkalinity - Field	34		mg/l	07/19/95	1460453
	FILTERED 1460667	I067	Alkalinity - Field	103		mg/l	10/18/95	1460650
	FILTERED 1460397	I068	Carbonate, Total as C	30		mg/l	05/03/95	1460378
	FILTERED 1461274	I070	Bicarbonate as HCO3	62.8		mg/l	10/16/96	1461311
			Physical Properties					
	FILTERED 1460228	F007	Total Dissolved Solids (TDS)	310		mg/l	02/02/95	1460223
	FILTERED 1460397	F007	Total Dissolved Solids (TDS)	230		mg/l	05/03/95	1460378
	FILTERED 1460465	F007	Total Dissolved Solids (TDS)	230		mg/l	07/19/95	1460453
	FILTERED 1460667	F007	Total Dissolved Solids (TDS)	510		mg/l	10/18/95	1460650
	FILTDUP 1460650	F007	Total Dissolved Solids (TDS)	560		mg/l	10/18/95	1460651
		F037	pH Field	6.02		Std. Un	02/02/95	1460228
		F037	pH Field	5.08		Std. Un	05/03/95	1460397
		F037	pH Field	6.08		Std. Un	07/19/95	1460465
		F037	pH Field	6.03		Std. Un	10/18/95	1460667
		F037	pH Field	6.00		Std. Un	10/16/96	1461274
		F037	pH Field	5.75		Std. Un	12/17/96	1461391
		F062	Specific Conductance - Field	615		umhos	02/02/95	1460228
		F062	Specific Conductance - Field	558		umhos	05/03/95	1460397
		F062	Specific Conductance - Field	513		umhos	07/19/95	1460465
		F062	Specific Conductance - Field	1030		umhos	10/18/95	1460667
		F062	Specific Conductance - Field	507		umhos	10/16/96	1461274

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Groundwater Analytical Results
Inorganic Parameters
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
GW-76-S								
			Physical Properties					
		F062	Specific Conductance - Field	530		umhos	12/17/96	1461391
		F064	Temperature - Field	8		deg. C	02/02/95	1460228
		F064	Temperature - Field	8		deg. C	02/02/95	1460228
		F064	Temperature - Field	8.7		deg. C	05/03/95	1460397
		F064	Temperature - Field	17		deg. C	07/19/95	1460465
		F064	Temperature - Field	13.9		deg. C	10/18/95	1460667
		F064	Temperature - Field	15		deg. C	10/16/96	1461274
		F064	Temperature - Field	8.7		deg. C	12/17/96	1461391
GW-77-S								
			Metals					
		M008	Chromium	0.024		mg/l	02/02/95	1460226
	DUP OF 1460226	M008	Chromium	0.033		mg/l	02/02/95	1460227
		M008	Chromium	0.039		mg/l	05/03/95	1460398
	DUP OF 1460398	M008	Chromium	0.037		mg/l	05/03/95	1460399
		M008	Chromium	0.021		mg/l	07/19/95	1460460
	DUP OF 1460460	M008	Chromium	0.054		mg/l	07/19/95	1460463
		M008	Chromium	0.037		mg/l	10/18/95	1460663
		M056	Trivalent Chromium	0.024		mg/l	02/02/95	1460226
		M056	Trivalent Chromium	< 0.015		mg/l	05/03/95	1460398
	DUP OF 1460398	M056	Trivalent Chromium	< 0.015		mg/l	05/03/95	1460399
		M056	Trivalent Chromium	0.021		mg/l	07/19/95	1460460
	DUP OF 1460460	M056	Trivalent Chromium	0.054		mg/l	07/19/95	1460463
		M056	Trivalent Chromium	0.037		mg/l	10/18/95	1460663
		M057	Hexavalent Chromium	< 0.015		mg/l	02/02/95	1460226
		M057	Hexavalent Chromium	0.033		mg/l	05/03/95	1460398
	DUP OF 1460398	M057	Hexavalent Chromium	0.050		mg/l	05/03/95	1460399
		M057	Hexavalent Chromium	< 0.015		mg/l	07/19/95	1460460
	DUP OF 1460460	M057	Hexavalent Chromium	< 0.015		mg/l	07/19/95	1460463
		M057	Hexavalent Chromium	< 0.015		mg/l	10/18/95	1460663
		M111	Total Iron, Field	0.55		mg/l	02/02/95	1460226
			Metals - Dissolved					
	FILTERED 1460226	M028	Arsenic, Dissolved	< 0.005		mg/l	02/02/95	1460221
	FILTDUP 1460221	M028	Arsenic, Dissolved	< 0.005		mg/l	02/02/95	1460222
	FILTERED 1460398	M028	Arsenic, Dissolved	< 0.005		mg/l	05/03/95	1460379
	FILTERED 1460460	M028	Arsenic, Dissolved	< 0.005		mg/l	07/19/95	1460448
	FILTDUP 1460448	M028	Arsenic, Dissolved	< 0.005		mg/l	07/19/95	1460451
	FILTERED 1460663	M028	Arsenic, Dissolved	< 0.005		mg/l	10/18/95	1460646
	FILTERED 1461275	M028	Arsenic, Dissolved	< 0.010		mg/l	10/16/96	1461312
	FILTERED 1460226	M029	Barium, Dissolved	0.018		mg/l	02/02/95	1460221
	FILTDUP 1460221	M029	Barium, Dissolved	0.018		mg/l	02/02/95	1460222
	FILTERED 1460460	M029	Barium, Dissolved	0.019		mg/l	07/19/95	1460448
	FILTDUP 1460448	M029	Barium, Dissolved	0.017		mg/l	07/19/95	1460451
	FILTERED 1460663	M029	Barium, Dissolved	0.015		mg/l	10/18/95	1460646
	FILTERED 1461275	M029	Barium, Dissolved	< 0.20		mg/l	10/16/96	1461312
	FILTERED 1461275	M031	Beryllium, Dissolved	< 0.005		mg/l	10/16/96	1461312
	FILTERED 1461275	M032	Silver, Dissolved	< 0.01		mg/l	10/16/96	1461312
	FILTERED 1460226	M033	Calcium, Dissolved	27		mg/l	02/02/95	1460221
	FILTDUP 1460221	M033	Calcium, Dissolved	26		mg/l	02/02/95	1460222
	FILTERED 1460398	M033	Calcium, Dissolved	27		mg/l	05/03/95	1460379
	FILTERED 1460460	M033	Calcium, Dissolved	25		mg/l	07/19/95	1460448
	FILTDUP 1460448	M033	Calcium, Dissolved	27		mg/l	07/19/95	1460451
	FILTERED 1460663	M033	Calcium, Dissolved	27		mg/l	10/18/95	1460646
	FILTERED 1461275	M033	Calcium, Dissolved	31.2		mg/l	10/16/96	1461312
	FILTERED 1461393	M033	Calcium, Dissolved	29.9		mg/l	12/17/96	1461394
	FILTERED 1461275	M034	Cadmium, Dissolved	< 0.005		mg/l	10/16/96	1461312
	FILTERED 1460226	M035	Hexavalent Chromium, Dissolved	< 0.015		mg/l	02/02/95	1460221
	FILTERED 1460398	M035	Hexavalent Chromium, Dissolved	0.015		mg/l	05/03/95	1460379
	FILTERED 1460460	M035	Hexavalent Chromium, Dissolved	< 0.015		mg/l	07/19/95	1460448

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TABLE-22
Groundwater Analytical Results
Inorganic Parameters
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID		Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
GW-77-S									
				Metals - Dissolved					
	FILTDUP	1460448	M035	Hexavalent Chromium, Dissolved	< 0.015		mg/l	07/19/95	1460451
	FILTERED	1460663	M035	Hexavalent Chromium, Dissolved	< 0.015		mg/l	10/18/95	1460646
	FILTERED	1460226	M036	Chromium, Dissolved	0.029		mg/l	02/02/95	1460221
	FILTDUP	1460221	M036	Chromium, Dissolved	0.025		mg/l	02/02/95	1460222
	FILTERED	1460398	M036	Chromium, Dissolved	0.038		mg/l	05/03/95	1460379
	FILTERED	1460460	M036	Chromium, Dissolved	0.021		mg/l	07/19/95	1460448
	FILTDUP	1460448	M036	Chromium, Dissolved	0.023		mg/l	07/19/95	1460451
	FILTERED	1460663	M036	Chromium, Dissolved	0.028		mg/l	10/18/95	1460646
	FILTERED	1461275	M036	Chromium, Dissolved	0.028		mg/l	10/16/96	1461312
	FILTERED	1461393	M036	Chromium, Dissolved	0.034		mg/l	12/17/96	1461394
	FILTERED	1461275	M037	Copper, Dissolved	< 0.025		mg/l	10/16/96	1461312
	FILTERED	1460226	M040	Iron, Dissolved	0.51		mg/l	02/02/95	1460221
	FILTDUP	1460221	M040	Iron, Dissolved	0.59		mg/l	02/02/95	1460222
	FILTERED	1460398	M040	Iron, Dissolved	0.29		mg/l	05/03/95	1460379
	FILTERED	1460460	M040	Iron, Dissolved	0.88		mg/l	07/19/95	1460448
	FILTDUP	1460448	M040	Iron, Dissolved	0.74		mg/l	07/19/95	1460451
	FILTERED	1460663	M040	Iron, Dissolved	0.33		mg/l	10/18/95	1460646
	FILTERED	1461275	M040	Iron, Dissolved	< 0.10		mg/l	10/16/96	1461312
	FILTERED	1461275	M041	Mercury, Dissolved	< 0.2		ug/l	10/16/96	1461312
	FILTERED	1460226	M042	Potassium, Dissolved	1.4		mg/l	02/02/95	1460221
	FILTDUP	1460221	M042	Potassium, Dissolved	1.6		mg/l	02/02/95	1460222
	FILTERED	1460398	M042	Potassium, Dissolved	1.9		mg/l	05/03/95	1460379
	FILTERED	1460460	M042	Potassium, Dissolved	1.7		mg/l	07/19/95	1460448
	FILTDUP	1460448	M042	Potassium, Dissolved	2.3		mg/l	07/19/95	1460451
	FILTERED	1460663	M042	Potassium, Dissolved	< 3		mg/l	10/18/95	1460646
	FILTERED	1461275	M042	Potassium, Dissolved	< 5.0		mg/l	10/16/96	1 2
	FILTERED	1460226	M044	Magnesium, Dissolved	3.4		mg/l	02/02/95	1 1
	FILTDUP	1460221	M044	Magnesium, Dissolved	3.3		mg/l	02/02/95	1460222
	FILTERED	1460398	M044	Magnesium, Dissolved	3.7		mg/l	05/03/95	1460379
	FILTERED	1460460	M044	Magnesium, Dissolved	3.2		mg/l	07/19/95	1460448
	FILTDUP	1460448	M044	Magnesium, Dissolved	3.3		mg/l	07/19/95	1460451
	FILTERED	1460663	M044	Magnesium, Dissolved	3.0		mg/l	10/18/95	1460646
	FILTERED	1461275	M044	Magnesium, Dissolved	< 5.00		mg/l	10/16/96	1461312
	FILTERED	1460226	M045	Manganese, Dissolved	0.3		mg/l	02/02/95	1460221
	FILTDUP	1460221	M045	Manganese, Dissolved	0.3		mg/l	02/02/95	1460222
	FILTERED	1460398	M045	Manganese, Dissolved	0.19		mg/l	05/03/95	1460379
	FILTERED	1460460	M045	Manganese, Dissolved	0.23		mg/l	07/19/95	1460448
	FILTDUP	1460448	M045	Manganese, Dissolved	0.24		mg/l	07/19/95	1460451
	FILTERED	1460663	M045	Manganese, Dissolved	0.21		mg/l	10/18/95	1460646
	FILTERED	1461275	M045	Manganese, Dissolved	0.164		mg/l	10/16/96	1461312
	FILTERED	1460226	M047	Sodium, Dissolved	32		mg/l	02/02/95	1460221
	FILTDUP	1460221	M047	Sodium, Dissolved	31		mg/l	02/02/95	1460222
	FILTERED	1460398	M047	Sodium, Dissolved	26		mg/l	05/03/95	1460379
	FILTERED	1460460	M047	Sodium, Dissolved	34		mg/l	07/19/95	1460448
	FILTDUP	1460448	M047	Sodium, Dissolved	33		mg/l	07/19/95	1460451
	FILTERED	1460663	M047	Sodium, Dissolved	35		mg/l	10/18/95	1460646
	FILTERED	1461275	M047	Sodium, Dissolved	31.5		mg/l	10/16/96	1461312
	FILTERED	1460226	M048	Lead, Dissolved	< 0.005		mg/l	02/02/95	1460221
	FILTDUP	1460221	M048	Lead, Dissolved	< 0.005		mg/l	02/02/95	1460222
	FILTERED	1460398	M048	Lead, Dissolved	< 0.005		mg/l	05/03/95	1460379
	FILTERED	1460460	M048	Lead, Dissolved	< 0.005		mg/l	07/19/95	1460448
	FILTDUP	1460448	M048	Lead, Dissolved	< 0.005		mg/l	07/19/95	1460451
	FILTERED	1460663	M048	Lead, Dissolved	< 0.005		mg/l	10/18/95	1460646
	FILTERED	1461275	M048	Lead, Dissolved	< 0.003		mg/l	10/16/96	1461312
	FILTERED	1461275	M050	Selenium, Dissolved	< 0.005		mg/l	10/16/96	1461312
	FILTERED	1461275	M053	Zinc, Dissolved	< 0.02		mg/l	10/16/96	1461312
	FILTERED	1460226	M054	Aluminum, Dissolved	0.16		mg/l	02/02/95	1460221
	FILTDUP	1460221	M054	Aluminum, Dissolved	0.2		mg/l	02/02/95	1460222
	FILTERED	1460398	M054	Aluminum, Dissolved	< 0.10		mg/l	05/03/95	1460379

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TABLE-22
Groundwater Analytical Results
Inorganic Parameters
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
GW-77-S								
			Metals - Dissolved					
	FILTERED 1460460	M054	Aluminum, Dissolved	1.4		mg/l	07/19/95	1460448
	FILTDUP 1460448	M054	Aluminum, Dissolved	1.2		mg/l	07/19/95	1460451
	FILTERED 1460663	M054	Aluminum, Dissolved	0.20		mg/l	10/18/95	1460646
	FILTERED 1461275	M054	Aluminum, Dissolved	< 0.20		mg/l	10/16/96	1461312
	FILTERED 1461275	M055	Cobalt, Dissolved	< 0.05		mg/l	10/16/96	1461312
	FILTERED 1461275	M059	Nickel, Dissolved	< 0.04		mg/l	10/16/96	1461312
	FILTERED 1461275	M098	Thallium, Dissolved	< 0.01		mg/l	10/16/96	1461312
	FILTERED 1461275	M099	Vanadium, Dissolved	< 0.05		mg/l	10/16/96	1461312
	FILTERED 1461275	M100	Antimony, Dissolved	< 0.06		mg/l	10/16/96	1461312
	FILTERED 1460226	M109	Trivalent Chromium, Dissolved	0.029		mg/l	02/02/95	1460221
	FILTERED 1460398	M109	Trivalent Chromium, Dissolved	0.023		mg/l	05/03/95	1460379
	FILTERED 1460460	M109	Trivalent Chromium, Dissolved	0.021		mg/l	07/19/95	1460448
	FILTDUP 1460448	M109	Trivalent Chromium, Dissolved	0.023		mg/l	07/19/95	1460451
	FILTERED 1460663	M109	Trivalent Chromium, Dissolved	0.028		mg/l	10/18/95	1460646
	FILTERED 1460226	M111	Total Iron, Field	0.45		mg/l	02/02/95	1460221
	FILTERED 1460398	M111	Total Iron, Field	< 0.0		mg/l	05/03/95	1460379
	FILTERED 1460460	M111	Total Iron, Field	0.64		mg/l	07/19/95	1460448
	FILTERED 1460663	M111	Total Iron, Field	0.06		mg/l	10/18/95	1460646
	FILTERED 1460398	M112	Iron as Fe+2 - Field	< 0.0		mg/l	05/03/95	1460379
	FILTERED 1460460	M112	Iron as Fe+2 - Field	0.61		mg/l	07/19/95	1460448
	FILTERED 1460663	M112	Iron as Fe+2 - Field	0.05		mg/l	10/18/95	1460646
	FILTERED 1460398	M113	Iron as Fe+3 - Field	< 0.0		mg/l	05/03/95	1460379
	FILTERED 1460460	M113	Iron as Fe+3 - Field	0.03		mg/l	07/19/95	1460448
	FILTERED 1460663	M113	Iron as Fe+3 - Field	0.01		mg/l	10/18/95	1460646
	FILTERED 1460398	M114	Hexavalent Chromium, Field	0.04		mg/l	05/03/95	1460379
	FILTERED 1460663	M114	Hexavalent Chromium, Field	0.06		mg/l	10/18/95	1460646
			Inorganic Non-metals					
	FILTERED 1460226	I005	Chloride	50		mg/l	02/02/95	1460221
	FILTDUP 1460221	I005	Chloride	52		mg/l	02/02/95	1460222
	FILTERED 1460398	I005	Chloride	47		mg/l	05/03/95	1460379
	FILTERED 1460460	I005	Chloride	45		mg/l	07/19/95	1460448
	FILTDUP 1460448	I005	Chloride	44		mg/l	07/19/95	1460451
	FILTERED 1460663	I005	Chloride	50		mg/l	10/18/95	1460646
	FILTERED 1461275	I005	Chloride	86.3		mg/l	10/16/96	1461312
	FILTERED 1461393	I005	Chloride	75.4	N	mg/l	12/17/96	1461394
	FILTERED 1460226	I009	Nitrogen, Ammonia	0.3		mg/l	02/02/95	1460221
	FILTDUP 1460221	I009	Nitrogen, Ammonia	0.4		mg/l	02/02/95	1460222
	FILTERED 1460398	I009	Nitrogen, Ammonia	0.32		mg/l	05/03/95	1460379
	FILTERED 1460460	I009	Nitrogen, Ammonia	0.37		mg/l	07/19/95	1460448
	FILTDUP 1460448	I009	Nitrogen, Ammonia	0.44		mg/l	07/19/95	1460451
	FILTERED 1460663	I009	Nitrogen, Ammonia	0.31		mg/l	10/18/95	1460646
	FILTERED 1461275	I009	Nitrogen, Ammonia	0.11		mg/l	10/16/96	1461312
	FILTERED 1461393	I009	Nitrogen, Ammonia	0.23		mg/l	12/17/96	1461394
	FILTERED 1460226	I012	Nitrate as N	0.7		mg/l	02/02/95	1460221
	FILTDUP 1460221	I012	Nitrate as N	0.6		mg/l	02/02/95	1460222
	FILTERED 1460398	I012	Nitrate as N	0.71		mg/l	05/03/95	1460379
	FILTERED 1460460	I012	Nitrate as N	0.36		mg/l	07/19/95	1460448
	FILTDUP 1460448	I012	Nitrate as N	0.59		mg/l	07/19/95	1460451
	FILTERED 1460663	I012	Nitrate as N	0.37		mg/l	10/18/95	1460646
	FILTERED 1460226	I014	Nitrite as N	< 0.05		mg/l	02/02/95	1460221
	FILTDUP 1460221	I014	Nitrite as N	< 0.05		mg/l	02/02/95	1460222
	FILTERED 1460398	I014	Nitrite as N	< 0.050		mg/l	05/03/95	1460379
	FILTERED 1460460	I014	Nitrite as N	< 0.050		mg/l	07/19/95	1460448
	FILTDUP 1460448	I014	Nitrite as N	< 0.050		mg/l	07/19/95	1460451
	FILTERED 1460663	I014	Nitrite as N	< 0.050		mg/l	10/18/95	1460646
	FILTERED 1460226	I017	Ortho Phosphate as Phosphorus	< 0.02		mg/l	02/02/95	1460221
	FILTDUP 1460221	I017	Ortho Phosphate as Phosphorus	< 0.02		mg/l	02/02/95	1460222
	FILTERED 1460398	I017	Ortho Phosphate as Phosphorus	< 0.02		mg/l	05/03/95	1460379
	FILTERED 1460460	I017	Ortho Phosphate as Phosphorus	0.04		mg/l	07/19/95	1460448

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TABLE-22
Groundwater Analytical Results
Inorganic Parameters
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
GW-77-S								
			Inorganic Non-metals					
	FILTDUP 1460448	I017	Ortho Phosphate as Phosphorus	0.03		mg/l	07/19/95	1460451
	FILTERED 1460663	I017	Ortho Phosphate as Phosphorus	< 0.02		mg/l	10/18/95	1460646
	FILTERED 1460226	I018	Sulfate as SO4	35		mg/l	02/02/95	1460221
	FILTDUP 1460221	I018	Sulfate as SO4	35		mg/l	02/02/95	1460222
	FILTERED 1460398	I018	Sulfate as SO4	35		mg/l	05/03/95	1460379
	FILTERED 1460460	I018	Sulfate as SO4	32		mg/l	07/19/95	1460448
	FILTDUP 1460448	I018	Sulfate as SO4	33		mg/l	07/19/95	1460451
	FILTDUP 1460448	I018	Sulfate as SO4	33		mg/l	07/19/95	1460451
	FILTERED 1460663	I018	Sulfate as SO4	35		mg/l	10/18/95	1460646
	FILTERED 1461275	I018	Sulfate as SO4	36.6		mg/l	10/16/96	1461312
	FILTERED 1461393	I018	Sulfate as SO4	39.1		mg/l	12/17/96	1461394
	FILTERED 1460226	I026	Bicarbonate Alkalinity as CaCO3	43		mg/l	02/02/95	1460221
	FILTDUP 1460221	I026	Bicarbonate Alkalinity as CaCO3	44		mg/l	02/02/95	1460222
	FILTERED 1460398	I026	Bicarbonate Alkalinity as CaCO3	45		mg/l	05/03/95	1460379
	FILTERED 1460460	I026	Bicarbonate Alkalinity as CaCO3	50		mg/l	07/19/95	1460448
	FILTDUP 1460448	I026	Bicarbonate Alkalinity as CaCO3	47		mg/l	07/19/95	1460451
	FILTERED 1460663	I026	Bicarbonate Alkalinity as CaCO3	42		mg/l	10/18/95	1460646
	FILTERED 1460226	I027	Carbonate Alkalinity as CaCO3	< 20		mg/l	02/02/95	1460221
	FILTDUP 1460221	I027	Carbonate Alkalinity as CaCO3	< 20		mg/l	02/02/95	1460222
	FILTERED 1460398	I027	Carbonate Alkalinity as CaCO3	< 20		mg/l	05/03/95	1460379
	FILTERED 1460460	I027	Carbonate Alkalinity as CaCO3	< 20		mg/l	07/19/95	1460448
	FILTERED 1460663	I027	Carbonate Alkalinity as CaCO3	< 20		mg/l	10/18/95	1460646
	FILTERED 1460226	I030	Bromide	< 2		mg/l	02/02/95	1460221
	FILTDUP 1460221	I030	Bromide	< 2		mg/l	02/02/95	1460222
	FILTERED 1460398	I030	Bromide	< 1		mg/l	05/03/95	1460379
	FILTERED 1460460	I030	Bromide	< 1		mg/l	07/19/95	1[illegible]8
	FILTDUP 1460448	I030	Bromide	< 1		mg/l	07/19/95	1[illegible]
	FILTERED 1460663	I030	Bromide	< 1		mg/l	10/18/95	14[illegible]6
	FILTERED 1460226	I040	Silica as SiO2	4.2		mg/l	02/02/95	1460221
	FILTDUP 1460221	I040	Silica as SiO2	4.2		mg/l	02/02/95	1460222
	FILTERED 1460398	I040	Silica as SiO2	4.5		mg/l	05/03/95	1460379
	FILTERED 1460460	I040	Silica as SiO2	4.8		mg/l	07/19/95	1460448
	FILTDUP 1460448	I040	Silica as SiO2	4.6		mg/l	07/19/95	1460451
	FILTERED 1460663	I040	Silica as SiO2	4.6		mg/l	10/18/95	1460646
	FILTERED 1460226	I044	Phosphorous	< 0.1		mg/l	02/02/95	1460221
	FILTDUP 1460221	I044	Phosphorous	< 0.1		mg/l	02/02/95	1460222
	FILTERED 1460398	I044	Phosphorous	0.22		mg/l	05/03/95	1460379
	FILTERED 1460460	I044	Phosphorous	< 0.10		mg/l	07/19/95	1460448
	FILTDUP 1460448	I044	Phosphorous	< 0.10		mg/l	07/19/95	1460451
	FILTERED 1460663	I044	Phosphorous	1.3		mg/l	10/18/95	1460646
	FILTERED 1460226	I058	Sulfide	2		mg/l	02/02/95	1460221
	FILTDUP 1460221	I058	Sulfide	< 1		mg/l	02/02/95	1460222
	FILTERED 1460398	I058	Sulfide	< 1		mg/l	05/03/95	1460379
	FILTERED 1460460	I058	Sulfide	< 1		mg/l	07/19/95	1460448
	FILTDUP 1460448	I058	Sulfide	< 1		mg/l	07/19/95	1460451
	FILTERED 1460663	I058	Sulfide	6		mg/l	10/18/95	1460646
		I059	Dissolved Oxygen, Field	0.9		mg/l	02/02/95	1460226
		I059	Dissolved Oxygen, Field	0.6		mg/l	05/03/95	1460398
		I059	Dissolved Oxygen, Field	< 0.0		mg/l	07/19/95	1460460
		I059	Dissolved Oxygen, Field	0.2		mg/l	10/18/95	1460663
		I060	Eh Field	+279		mv	05/03/95	1460398
		I060	Eh Field	+343		mv	10/18/95	1460663
	FILTERED 1460226	I067	Alkalinity - Field	64		mg/l	02/02/95	1460221
	FILTERED 1460398	I067	Alkalinity - Field	0.76		mg/l	05/03/95	1460379
	FILTERED 1460460	I067	Alkalinity - Field	47		mg/l	07/19/95	1460448
	FILTERED 1460663	I067	Alkalinity - Field	36		mg/l	10/18/95	1460646
	FILTERED 1460398	I068	Carbonate, Total as C	25		mg/l	05/03/95	1460379
	FILTERED 1460398	I068	Carbonate, Total as C	25		mg/l	05/03/95	1460379
	FILTERED 1461275	I070	Bicarbonate as HCO3	44.2		mg/l	10/16/96	1461312

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TABLE-22
Groundwater Analytical Results
Inorganic Parameters
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
GW-77-S								
			Physical Properties					
	FILTERED 1460226	F007	Total Dissolved Solids (TDS)	220		mg/l	02/02/95	1460221
	FILTDUP 1460221	F007	Total Dissolved Solids (TDS)	210		mg/l	02/02/95	1460222
	FILTERED 1460398	F007	Total Dissolved Solids (TDS)	210		mg/l	05/03/95	1460379
	FILTERED 1460460	F007	Total Dissolved Solids (TDS)	230		mg/l	07/19/95	1460448
	FILTDUP 1460448	F007	Total Dissolved Solids (TDS)	210		mg/l	07/19/95	1460451
	FILTERED 1460663	F007	Total Dissolved Solids (TDS)	270		mg/l	10/18/95	1460646
		F037	pH Field	5.35		Std. Un	02/02/95	1460226
		F037	pH Field	5.37		Std. Un	05/03/95	1460398
		F037	pH Field	6.03		Std. Un	07/19/95	1460460
		F037	pH Field	5.78		Std. Un	10/18/95	1460663
		F037	pH Field	6.20		Std. Un	10/16/96	1461275
		F037	pH Field	5.75		Std. Un	12/17/96	1461393
		F062	Specific Conductance - Field	349		umhos	02/02/95	1460226
		F062	Specific Conductance - Field	355		umhos	05/03/95	1460398
		F062	Specific Conductance - Field	337		umhos	07/19/95	1460460
		F062	Specific Conductance - Field	348		umhos	10/18/95	1460663
		F062	Specific Conductance - Field	307		umhos	10/16/96	1461275
		F062	Specific Conductance - Field	430		umhos	12/17/96	1461393
		F064	Temperature - Field	10.1		deg. C	02/02/95	1460226
		F064	Temperature - Field	10.4		deg. C	05/03/95	1460398
		F064	Temperature - Field	16.3		deg. C	07/19/95	1460460
		F064	Temperature - Field	16.8		deg. C	10/18/95	1460663
		F064	Temperature - Field	17		deg. C	10/16/96	1461275
		F064	Temperature - Field	12.5		deg. C	12/17/96	1461393
GW-78-S								
			Metals					
		M008	Chromium	[illegible]		mg/l	02/01/95	1460219
		M008	Chromium	0.89		mg/l	05/03/95	1460393
		M008	Chromium	0.37		mg/l	07/19/95	1460466
		M008	Chromium	0.25		mg/l	10/18/95	1460669
		M056	Trivalent Chromium	0.13		mg/l	02/01/95	1460219
		M056	Trivalent Chromium	0.29		mg/l	05/03/95	1460393
		M056	Trivalent Chromium	< 0.015		mg/l	07/19/95	1460466
		M056	Trivalent Chromium	0.22		mg/l	10/18/95	1460669
		M057	Hexavalent Chromium	1.8		mg/l	02/01/95	1460219
		M057	Hexavalent Chromium	0.60		mg/l	05/03/95	1460393
		M057	Hexavalent Chromium	1.1		mg/l	07/19/95	1460466
		M057	Hexavalent Chromium	0.035		mg/l	10/18/95	1460669
		M111	Total Iron, Field	17.5		mg/l	02/01/95	1460219
			Metals - Dissolved					
	FILTERED 1460219	M028	Arsenic, Dissolved	< 0.005		mg/l	02/01/95	1460266
	FILTERED 1460393	M028	Arsenic, Dissolved	< 0.005		mg/l	05/03/95	1460374
	FILTERED 1460466	M028	Arsenic, Dissolved	< 0.005		mg/l	07/19/95	1460454
	FILTERED 1460669	M028	Arsenic, Dissolved	0.008		mg/l	10/18/95	1460652
	FILTERED 1460219	M029	Barium, Dissolved	0.01		mg/l	02/01/95	1460266
	FILTERED 1460393	M029	Barium, Dissolved	0.015		mg/l	05/03/95	1460374
	FILTERED 1460466	M029	Barium, Dissolved	0.013		mg/l	07/19/95	1460454
	FILTERED 1460669	M029	Barium, Dissolved	0.016		mg/l	10/18/95	1460652
	FILTERED 1460219	M033	Calcium, Dissolved	110		mg/l	02/01/95	1460266
	FILTERED 1460393	M033	Calcium, Dissolved	75		mg/l	05/03/95	1460374
	FILTERED 1460466	M033	Calcium, Dissolved	88		mg/l	07/19/95	1460454
	FILTERED 1460669	M033	Calcium, Dissolved	160		mg/l	10/18/95	1460652
	FILTERED 1461395	M033	Calcium, Dissolved	73.6		mg/l	12/17/96	1461396
	FILTERED 1460219	M035	Hexavalent Chromium, Dissolved	< 0.015		mg/l	02/01/95	1460266
	FILTERED 1460393	M035	Hexavalent Chromium, Dissolved	< 0.015		mg/l	05/03/95	1460374
	FILTERED 1460466	M035	Hexavalent Chromium, Dissolved	0.35		mg/l	07/19/95	1460454
	FILTERED 1460669	M035	Hexavalent Chromium, Dissolved	< 0.015		mg/l	10/18/95	1460652
	FILTERED 1460219	M036	Chromium, Dissolved	0.13		mg/l	02/01/95	1460266

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TABLE-22
Groundwater Analytical Results
Inorganic Parameters
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
GW-78-S								
			Metals - Dissolved					
	FILTERED 1460393	M036	Chromium, Dissolved	0.097		mg/l	05/03/95	1460374
	FILTERED 1460466	M036	Chromium, Dissolved	0.088		mg/l	07/19/95	1460454
	FILTERED 1460669	M036	Chromium, Dissolved	0.22		mg/l	10/18/95	1460652
	FILTERED 1461395	M036	Chromium, Dissolved	0.057		mg/l	12/17/96	1461396
	FILTERED 1460219	M040	Iron, Dissolved	4.00		mg/l	02/01/95	1460266
	FILTERED 1460393	M040	Iron, Dissolved	3.40		mg/l	05/03/95	1460374
	FILTERED 1460466	M040	Iron, Dissolved	9.20		mg/l	07/19/95	1460454
	FILTERED 1460669	M040	Iron, Dissolved	5.90	B	mg/l	10/18/95	1460652
	FILTERED 1460219	M042	Potassium, Dissolved	1.6		mg/l	02/01/95	1460266
	FILTERED 1460393	M042	Potassium, Dissolved	1.9		mg/l	05/03/95	1460374
	FILTERED 1460466	M042	Potassium, Dissolved	2.5		mg/l	07/19/95	1460454
	FILTERED 1460669	M042	Potassium, Dissolved	3		mg/l	10/18/95	1460652
	FILTERED 1460219	M044	Magnesium, Dissolved	4.6		mg/l	02/01/95	1460266
	FILTERED 1460393	M044	Magnesium, Dissolved	3.4		mg/l	05/03/95	1460374
	FILTERED 1460466	M044	Magnesium, Dissolved	3.6		mg/l	07/19/95	1460454
	FILTERED 1460669	M044	Magnesium, Dissolved	5.9		mg/l	10/18/95	1460652
	FILTERED 1460219	M045	Manganese, Dissolved	1.1		mg/l	02/01/95	1460266
	FILTERED 1460393	M045	Manganese, Dissolved	0.68		mg/l	05/03/95	1460374
	FILTERED 1460466	M045	Manganese, Dissolved	0.71		mg/l	07/19/95	1460454
	FILTERED 1460669	M045	Manganese, Dissolved	0.93		mg/l	10/18/95	1460652
	FILTERED 1460219	M047	Sodium, Dissolved	43		mg/l	02/01/95	1460266
	FILTERED 1460393	M047	Sodium, Dissolved	26		mg/l	05/03/95	1460374
	FILTERED 1460466	M047	Sodium, Dissolved	34		mg/l	07/19/95	1460454
	FILTERED 1460669	M047	Sodium, Dissolved	64		mg/l	10/18/95	1460652
	FILTERED 1460219	M048	Lead, Dissolved	< 0.005		mg/l	02/01/95	1460266
	FILTERED 1460393	M048	Lead, Dissolved	< 0.005		mg/l	05/03/95	1[illegible]74
	FILTERED 1460466	M048	Lead, Dissolved	< 0.005		mg/l	07/19/95	1[illegible]4
	FILTERED 1460669	M048	Lead, Dissolved	< 0.005		mg/l	10/18/95	14[illegible]52
	FILTERED 1460393	M054	Aluminum, Dissolved	0.28		mg/l	05/03/95	1460374
	FILTERED 1460466	M054	Aluminum, Dissolved	0.65		mg/l	07/19/95	1460454
	FILTERED 1460669	M054	Aluminum, Dissolved	1.1		mg/l	10/18/95	1460652
	FILTERED 1460219	M109	Trivalent Chromium, Dissolved	0.1		mg/l	02/01/95	1460266
	FILTERED 1460393	M109	Trivalent Chromium, Dissolved	0.097		mg/l	05/03/95	1460374
	FILTERED 1460466	M109	Trivalent Chromium, Dissolved	< 0.015		mg/l	07/19/95	1460454
	FILTERED 1460669	M109	Trivalent Chromium, Dissolved	0.22		mg/l	10/18/95	1460652
	FILTERED 1460219	M111	Total Iron, Field	4.75		mg/l	02/01/95	1460266
	FILTERED 1460393	M111	Total Iron, Field	3.03		mg/l	05/03/95	1460374
	FILTERED 1460466	M111	Total Iron, Field	11.8		mg/l	07/19/95	1460454
	FILTERED 1460669	M111	Total Iron, Field	12.5		mg/l	10/18/95	1460652
	FILTERED 1460393	M112	Iron as Fe+2 - Field	1.99		mg/l	05/03/95	1460374
	FILTERED 1460466	M112	Iron as Fe+2 - Field	8.7		mg/l	07/19/95	1460454
	FILTERED 1460669	M112	Iron as Fe+2 - Field	10.8		mg/l	10/18/95	1460652
	FILTERED 1460393	M113	Iron as Fe+3 - Field	1.04		mg/l	05/03/95	1460374
	FILTERED 1460466	M113	Iron as Fe+3 - Field	3.1		mg/l	07/19/95	1460454
	FILTERED 1460669	M113	Iron as Fe+3 - Field	1.7		mg/l	10/18/95	1460652
	FILTERED 1460393	M114	Hexavalent Chromium, Field	< 0.0		mg/l	05/03/95	1460374
			Inorganic Non-metals					
		I002	Total Alkalinity as CaCO3	28		mg/l	02/01/95	1460219
	FILTERED 1460219	I005	Chloride	49		mg/l	02/01/95	1460266
	FILTERED 1460393	I005	Chloride	24		mg/l	05/03/95	1460374
	FILTERED 1460466	I005	Chloride	36		mg/l	07/19/95	1460454
	FILTERED 1460669	I005	Chloride	83		mg/l	10/18/95	1460652
	FILTERED 1461395	I005	Chloride	28.5	N	mg/l	12/17/96	1461396
	FILTERED 1460219	I009	Nitrogen, Ammonia	45		mg/l	02/01/95	1460266
	FILTERED 1460393	I009	Nitrogen, Ammonia	52		mg/l	05/03/95	1460374
	FILTERED 1460466	I009	Nitrogen, Ammonia	39		mg/l	07/19/95	1460454
	FILTERED 1460669	I009	Nitrogen, Ammonia	80		mg/l	10/18/95	1460652
	FILTERED 1461395	I009	Nitrogen, Ammonia	27.5		mg/l	12/17/96	1461396
	FILTERED 1460219	I012	Nitrate as N	< 0.05		mg/l	02/01/95	1460266

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Groundwater Analytical Results
Inorganic Parameters
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
GW-78-S								
			Inorganic Non-metals					
	FILTERED 1460393	I012	Nitrate as N	< 0.050		mg/l	05/03/95	1460374
	FILTERED 1460466	I012	Nitrate as N	0.056		mg/l	07/19/95	1460454
	FILTERED 1460669	I012	Nitrate as N	< 0.05		mg/l	10/18/95	1460652
	FILTERED 1460219	I014	Nitrite as N	< 0.05		mg/l	02/01/95	1460266
	FILTERED 1460393	I014	Nitrite as N	< 0.050		mg/l	05/03/95	1460374
	FILTERED 1460466	I014	Nitrite as N	< 0.050		mg/l	07/19/95	1460454
	FILTERED 1460669	I014	Nitrite as N	< 0.050		mg/l	10/18/95	1460652
	FILTERED 1460219	I017	Ortho Phosphate as Phosphorus	< 0.02		mg/l	02/01/95	1460266
	FILTERED 1460393	I017	Ortho Phosphate as Phosphorus	< 0.02		mg/l	05/03/95	1460374
	FILTERED 1460466	I017	Ortho Phosphate as Phosphorus	0.05		mg/l	07/19/95	1460454
	FILTERED 1460669	I017	Ortho Phosphate as Phosphorus	< 0.02		mg/l	10/18/95	1460652
	FILTERED 1460219	I018	Sulfate as SO4	470		mg/l	02/01/95	1460266
	FILTERED 1460393	I018	Sulfate as SO4	370		mg/l	05/03/95	1460374
	FILTERED 1460466	I018	Sulfate as SO4	370		mg/l	07/19/95	1460454
	FILTERED 1460669	I018	Sulfate as SO4	610		mg/l	10/18/95	1460652
	FILTERED 1461395	I018	Sulfate as SO4	304		mg/l	12/17/96	1461396
	FILTERED 1460219	I026	Bicarbonate Alkalinity as CaCO3	< 20		mg/l	02/01/95	1460266
	FILTERED 1460393	I026	Bicarbonate Alkalinity as CaCO3	21		mg/l	05/03/95	1460374
	FILTERED 1460466	I026	Bicarbonate Alkalinity as CaCO3	< 20		mg/l	07/19/95	1460454
	FILTERED 1460669	I026	Bicarbonate Alkalinity as CaCO3	22		mg/l	10/18/95	1460652
	FILTERED 1460219	I027	Carbonate Alkalinity as CaCO3	< 20		mg/l	02/01/95	1460266
	FILTERED 1460393	I027	Carbonate Alkalinity as CaCO3	< 20		mg/l	05/03/95	1460374
	FILTERED 1460466	I027	Carbonate Alkalinity as CaCO3	< 20		mg/l	07/19/95	1460454
	FILTERED 1460669	I027	Carbonate Alkalinity as CaCO3	< 20		mg/l	10/18/95	1460652
	FILTERED 1460219	I030	Bromide	< 2		mg/l	02/01/95	1460266
	FILTERED 1460393	I030	Bromide	< 1		mg/l	05/03/95	1460374
	FILTERED 1460466	I030	Bromide	< 1		mg/l	07/19/95	1460454
	FILTERED 1460669	I030	Bromide	< 1		mg/l	10/18/95	1460652
	FILTERED 1460219	I040	Silica as SiO2	6.9	B	mg/l	02/01/95	1460266
	FILTERED 1460393	I040	Silica as SiO2	5.1		mg/l	05/03/95	1460374
	FILTERED 1460466	I040	Silica as SiO2	7.4		mg/l	07/19/95	1460454
	FILTERED 1460669	I040	Silica as SiO2	8		mg/l	10/18/95	1460652
	FILTERED 1460219	I044	Phosphorous	< 0.1		mg/l	02/01/95	1460266
	FILTERED 1460393	I044	Phosphorous	0.16		mg/l	05/03/95	1460374
	FILTERED 1460466	I044	Phosphorous	< 0.10		mg/l	07/19/95	1460454
	FILTERED 1460669	I044	Phosphorous	< 1.0		mg/l	10/18/95	1460652
	FILTERED 1460219	I058	Sulfide	1		mg/l	02/01/95	1460266
	FILTERED 1460393	I058	Sulfide	2		mg/l	05/03/95	1460374
	FILTERED 1460466	I058	Sulfide	< 1		mg/l	07/19/95	1460454
	FILTERED 1460669	I058	Sulfide	2		mg/l	10/18/95	1460652
		I059	Dissolved Oxygen, Field	3.8		mg/l	02/01/95	1460219
		I059	Dissolved Oxygen, Field	1.9		mg/l	05/03/95	1460393
		I059	Dissolved Oxygen, Field	< 0.0		mg/l	07/19/95	1460466
		I059	Dissolved Oxygen, Field	1.7		mg/l	10/18/95	1460669
		I060	Eh Field	+331		mv	05/03/95	1460393
		I060	Eh Field	+316		mv	07/19/95	1460466
		I060	Eh Field	+314		mv	10/18/95	1460669
	FILTERED 1460219	I067	Alkalinity - Field	28		mg/l	02/01/95	1460266
	FILTERED 1460393	I067	Alkalinity - Field	39		mg/l	05/03/95	1460374
	FILTERED 1460466	I067	Alkalinity - Field	27		mg/l	07/19/95	1460454
	FILTERED 1460669	I067	Alkalinity - Field	29		mg/l	10/18/95	1460652
	FILTERED 1460393	I068	Carbonate, Total as C	21		mg/l	05/03/95	1460374
			Physical Properties					
	FILTERED 1460219	F007	Total Dissolved Solids (TDS)	610		mg/l	02/01/95	1460266
	FILTERED 1460393	F007	Total Dissolved Solids (TDS)	550		mg/l	05/03/95	1460374
	FILTERED 1460466	F007	Total Dissolved Solids (TDS)	590		mg/l	07/19/95	1460454
	FILTERED 1460669	F007	Total Dissolved Solids (TDS)	910		mg/l	10/18/95	1460652
		F037	pH Field	5.20		Std. Un	02/01/95	1460219
		F037	pH Field	5.27		Std. Un	05/03/95	1460393

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Inorganic Parameters
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
GW-78-S								
			Physical Properties					
		F037	pH Field	5.48		Std. Un	07/19/95	1460466
		F037	pH Field	5.38		Std. Un	10/18/95	1460669
		F037	pH Field	5.47		Std. Un	12/17/96	1461395
		F062	Specific Conductance - Field	1050		umhos	02/01/95	1460219
		F062	Specific Conductance - Field	1010		umhos	05/03/95	1460393
		F062	Specific Conductance - Field	1070		umhos	07/19/95	1460466
		F062	Specific Conductance - Field	1540		umhos	10/18/95	1460669
		F062	Specific Conductance - Field	1180		umhos	12/17/96	1461395
		F064	Temperature - Field	7.5		deg. C	02/01/95	1460219
		F064	Temperature - Field	7.6		deg. C	05/03/95	1460393
		F064	Temperature - Field	13.3		deg. C	07/19/95	1460466
		F064	Temperature - Field	13.1		deg. C	10/18/95	1460669
		F064	Temperature - Field	8.2		deg. C	12/17/96	1461395
GW-79-S								
			Metals					
		M008	Chromium	0.45		mg/l	02/01/95	1460218
		M008	Chromium	0.020		mg/l	05/03/95	1460392
		M008	Chromium	0.015		mg/l	07/19/95	1460467
		M008	Chromium	0.019		mg/l	10/18/95	1460670
		M056	Trivalent Chromium	0.03		mg/l	02/01/95	1460218
		M056	Trivalent Chromium	< 0.015		mg/l	05/03/95	1460392
		M056	Trivalent Chromium	0.015		mg/l	07/19/95	1460467
		M056	Trivalent Chromium	0.019		mg/l	10/18/95	1460670
		M057	Hexavalent Chromium	0.42		mg/l	02/01/95	1460218
		M057	Hexavalent Chromium	< 0.015		mg/l	05/03/95	1[illegible]92
		M057	Hexavalent Chromium	< 0.015		mg/l	07/19/95	1[illegible]7
		M057	Hexavalent Chromium	< 0.015		mg/l	10/18/95	14[illegible]70
		M111	Total Iron, Field	55		mg/l	02/01/95	1460218
			Metals - Dissolved					
	FILTERED 1460218	M028	Arsenic, Dissolved	< 0.005		mg/l	02/01/95	1460265
	FILTERED 1460392	M028	Arsenic, Dissolved	< 0.005		mg/l	05/03/95	1460373
	FILTERED 1460467	M028	Arsenic, Dissolved	< 0.005		mg/l	07/19/95	1460455
	FILTERED 1460670	M028	Arsenic, Dissolved	< 0.005		mg/l	10/18/95	1460653
	FILTERED 1460218	M029	Barium, Dissolved	0.016		mg/l	02/01/95	1460265
	FILTERED 1460392	M029	Barium, Dissolved	0.011		mg/l	05/03/95	1460373
	FILTERED 1460467	M029	Barium, Dissolved	0.014		mg/l	07/19/95	1460455
	FILTERED 1460670	M029	Barium, Dissolved	0.018		mg/l	10/18/95	1460653
	FILTERED 1460218	M033	Calcium, Dissolved	320		mg/l	02/01/95	1460265
	FILTERED 1460392	M033	Calcium, Dissolved	350		mg/l	05/03/95	1460373
	FILTERED 1460467	M033	Calcium, Dissolved	380		mg/l	07/19/95	1460455
	FILTERED 1460670	M033	Calcium, Dissolved	420		mg/l	10/18/95	1460653
	FILTERED 1461397	M033	Calcium, Dissolved	274		mg/l	12/17/96	1461398
	FILTDUP 1461399	M033	Calcium, Dissolved	273		mg/l	12/17/96	1461400
	FILTERED 1460218	M035	Hexavalent Chromium, Dissolved	< 0.015		mg/l	02/01/95	1460265
	FILTERED 1460392	M035	Hexavalent Chromium, Dissolved	< 0.015		mg/l	05/03/95	1460373
	FILTERED 1460467	M035	Hexavalent Chromium, Dissolved	< 0.015		mg/l	07/19/95	1460455
	FILTERED 1460670	M035	Hexavalent Chromium, Dissolved	< 0.015		mg/l	10/18/95	1460653
	FILTERED 1460218	M036	Chromium, Dissolved	0.017		mg/l	02/01/95	1460265
	FILTERED 1460392	M036	Chromium, Dissolved	< 0.015		mg/l	05/03/95	1460373
	FILTERED 1460467	M036	Chromium, Dissolved	0.023		mg/l	07/19/95	1460455
	FILTERED 1460670	M036	Chromium, Dissolved	< 0.015		mg/l	10/18/95	1460653
	FILTERED 1461397	M036	Chromium, Dissolved	< 0.010		mg/l	12/17/96	1461398
	FILTDUP 1461399	M036	Chromium, Dissolved	< 0.010		mg/l	12/17/96	1461400
	FILTERED 1460218	M040	Iron, Dissolved	39.0		mg/l	02/01/95	1460265
	FILTERED 1460392	M040	Iron, Dissolved	28.0		mg/l	05/03/95	1460373
	FILTERED 1460467	M040	Iron, Dissolved	6.70		mg/l	07/19/95	1460455
	FILTERED 1460670	M040	Iron, Dissolved	9.90	B	mg/l	10/18/95	1460653
	FILTERED 1460218	M042	Potassium, Dissolved	8.7		mg/l	02/01/95	1460265

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TABLE-22
Groundwater Analytical Results
Inorganic Parameters
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
GW-79-S								
			Metals - Dissolved					
	FILTERED 1460392	M042	Potassium, Dissolved	6.7		mg/l	05/03/95	1460373
	FILTERED 1460467	M042	Potassium, Dissolved	6.1		mg/l	07/19/95	1460455
	FILTERED 1460670	M042	Potassium, Dissolved	7		mg/l	10/18/95	1460653
	FILTERED 1460218	M044	Magnesium, Dissolved	19		mg/l	02/01/95	1460265
	FILTERED 1460392	M044	Magnesium, Dissolved	18		mg/l	05/03/95	1460373
	FILTERED 1460467	M044	Magnesium, Dissolved	13		mg/l	07/19/95	1460455
	FILTERED 1460670	M044	Magnesium, Dissolved	13		mg/l	10/18/95	1460653
	FILTERED 1460218	M045	Manganese, Dissolved	2.9		mg/l	02/01/95	1460265
	FILTERED 1460392	M045	Manganese, Dissolved	2.0		mg/l	05/03/95	1460373
	FILTERED 1460467	M045	Manganese, Dissolved	1.2		mg/l	07/19/95	1460455
	FILTERED 1460670	M045	Manganese, Dissolved	1.5		mg/l	10/18/95	1460653
	FILTERED 1460218	M047	Sodium, Dissolved	350		mg/l	02/01/95	1460265
	FILTERED 1460392	M047	Sodium, Dissolved	310		mg/l	05/03/95	1460373
	FILTERED 1460467	M047	Sodium, Dissolved	320		mg/l	07/19/95	1460455
	FILTERED 1460670	M047	Sodium, Dissolved	310		mg/l	10/18/95	1460653
	FILTERED 1460218	M048	Lead, Dissolved	< 0.005		mg/l	02/01/95	1460265
	FILTERED 1460392	M048	Lead, Dissolved	< 0.005		mg/l	05/03/95	1460373
	FILTERED 1460467	M048	Lead, Dissolved	< 0.025		mg/l	07/19/95	1460455
	FILTERED 1460670	M048	Lead, Dissolved	< 0.005		mg/l	10/18/95	1460653
	FILTERED 1460218	M054	Aluminum, Dissolved	0.10		mg/l	02/01/95	1460265
	FILTERED 1460392	M054	Aluminum, Dissolved	< 0.10		mg/l	05/03/95	1460373
	FILTERED 1460467	M054	Aluminum, Dissolved	0.32		mg/l	07/19/95	1460455
	FILTERED 1460670	M054	Aluminum, Dissolved	< 0.10		mg/l	10/18/95	1460653
	FILTERED 1460218	M109	Trivalent Chromium, Dissolved	0.017		mg/l	02/01/95	1460265
	FILTERED 1460392	M109	Trivalent Chromium, Dissolved	< 0.015		mg/l	05/03/95	1460373
	FILTERED 1460467	M109	Trivalent Chromium, Dissolved	0.023		mg/l	07/19/95	1460455
	FILTERED 1460670	M109	Trivalent Chromium, Dissolved	< 0.015		mg/l	10/18/95	1460653
	FILTERED 1460218	M111	Total Iron, Field	55		mg/l	02/01/95	1460265
	FILTERED 1460392	M111	Total Iron, Field	25.8		mg/l	05/03/95	1460373
	FILTERED 1460467	M111	Total Iron, Field	2.5		mg/l	07/19/95	1460455
	FILTERED 1460670	M111	Total Iron, Field	12.1		mg/l	10/18/95	1460653
	FILTERED 1460392	M112	Iron as Fe+2 - Field	1.77		mg/l	05/03/95	1460373
	FILTERED 1460467	M112	Iron as Fe+2 - Field	2.5		mg/l	07/19/95	1460455
	FILTERED 1460670	M112	Iron as Fe+2 - Field	10.25		mg/l	10/18/95	1460653
	FILTERED 1460392	M113	Iron as Fe+3 - Field	24.03		mg/l	05/03/95	1460373
	FILTERED 1460467	M113	Iron as Fe+3 - Field	< 0.0		mg/l	07/19/95	1460455
	FILTERED 1460670	M113	Iron as Fe+3 - Field	1.85		mg/l	10/18/95	1460653
	FILTERED 1460392	M114	Hexavalent Chromium, Field	0.01		mg/l	05/03/95	1460373
	FILTERED 1460670	O004	Total Organic Carbon (TOC)	21015		mg/l	10/18/95	1460653
			Inorganic Non-metals					
	FILTERED 1460218	I005	Chloride	330		mg/l	02/01/95	1460265
	FILTERED 1460392	I005	Chloride	280		mg/l	05/03/95	1460373
	FILTERED 1460467	I005	Chloride	240		mg/l	07/19/95	1460455
	FILTERED 1460670	I005	Chloride	230		mg/l	10/18/95	1460653
	FILTERED 1461397	I005	Chloride	462	N	mg/l	12/17/96	1461398
	FILTDUP 1461399	I005	Chloride	381	N	mg/l	12/17/96	1461400
	FILTERED 1460218	I009	Nitrogen, Ammonia	220		mg/l	02/01/95	1460265
	FILTERED 1460392	I009	Nitrogen, Ammonia	250		mg/l	05/03/95	1460373
	FILTERED 1460467	I009	Nitrogen, Ammonia	310		mg/l	07/19/95	1460455
	FILTERED 1460670	I009	Nitrogen, Ammonia	380		mg/l	10/18/95	1460653
	FILTERED 1461397	I009	Nitrogen, Ammonia	138		mg/l	12/17/96	1461398
	FILTDUP 1461399	I009	Nitrogen, Ammonia	301		mg/l	12/17/96	1461400
	FILTERED 1460218	I012	Nitrate as N	3.1		mg/l	02/01/95	1460265
	FILTERED 1460392	I012	Nitrate as N	3.1		mg/l	05/03/95	1460373
	FILTERED 1460467	I012	Nitrate as N	8.5		mg/l	07/19/95	1460455
	FILTERED 1460670	I012	Nitrate as N	2.3		mg/l	10/18/95	1460653
	FILTERED 1460218	I014	Nitrite as N	< 0.05		mg/l	02/01/95	1460265
	FILTERED 1460392	I014	Nitrite as N	< 0.050		mg/l	05/03/95	1460373
	FILTERED 1460467	I014	Nitrite as N	0.063		mg/l	07/19/95	1460455

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Groundwater Analytical Results
Inorganic Parameters
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
GW-79-S								
			Inorganic Non-metals					
	FILTERED 1460670	I014	Nitrite as N	< 0.050		mg/l	10/18/95	1460653
	FILTERED 1460218	I017	Ortho Phosphate as Phosphorus	< 0.02		mg/l	02/01/95	1460265
	FILTERED 1460392	I017	Ortho Phosphate as Phosphorus	< 0.02		mg/l	05/03/95	1460373
	FILTERED 1460467	I017	Ortho Phosphate as Phosphorus	0.02		mg/l	07/19/95	1460455
	FILTERED 1460670	I017	Ortho Phosphate as Phosphorus	< 0.02		mg/l	10/18/95	1460653
	FILTERED 1460218	I018	Sulfate as SO4	1900		mg/l	02/01/95	1460265
	FILTERED 1460392	I018	Sulfate as SO4	1900		mg/l	05/03/95	1460373
	FILTERED 1460467	I018	Sulfate as SO4	2000		mg/l	07/19/95	1460455
	FILTERED 1460670	I018	Sulfate as SO4	2000		mg/l	10/18/95	1460653
	FILTERED 1461397	I018	Sulfate as SO4	2070		mg/l	12/17/96	1461398
	FILTDUP 1461399	I018	Sulfate as SO4	2110		mg/l	12/17/96	1461400
	FILTERED 1460218	I026	Bicarbonate Alkalinity as CaCO3	150		mg/l	02/01/95	1460265
	FILTERED 1460392	I026	Bicarbonate Alkalinity as CaCO3	160		mg/l	05/03/95	1460373
	FILTERED 1460467	I026	Bicarbonate Alkalinity as CaCO3	230		mg/l	07/19/95	1460455
	FILTERED 1460670	I026	Bicarbonate Alkalinity as CaCO3	190		mg/l	10/18/95	1460653
	FILTERED 1460218	I027	Carbonate Alkalinity as CaCO3	< 20		mg/l	02/01/95	1460265
	FILTERED 1460392	I027	Carbonate Alkalinity as CaCO3	< 20		mg/l	05/03/95	1460373
	FILTERED 1460467	I027	Carbonate Alkalinity as CaCO3	< 20		mg/l	07/19/95	1460455
	FILTERED 1460670	I027	Carbonate Alkalinity as CaCO3	< 20		mg/l	10/18/95	1460653
	FILTERED 1460218	I030	Bromide	< 2		mg/l	02/01/95	1460265
	FILTERED 1460392	I030	Bromide	< 1		mg/l	05/03/95	1460373
	FILTERED 1460467	I030	Bromide	< 1		mg/l	07/19/95	1460455
	FILTERED 1460670	I030	Bromide	< 1		mg/l	10/18/95	1460653
	FILTERED 1460218	I040	Silica as SiO2	4	B	mg/l	02/01/95	1460265
	FILTERED 1460392	I040	Silica as SiO2	3.5		mg/l	05/03/95	1460373
	FILTERED 1460467	I040	Silica as SiO2	4.2		mg/l	07/19/95	1[illegible]5
	FILTERED 1460670	I040	Silica as SiO2	3.2		mg/l	10/18/95	1[illegible]3
	FILTERED 1460218	I044	Phosphorous	< 0.1		mg/l	02/01/95	1460265
	FILTERED 1460392	I044	Phosphorous	< 0.10		mg/l	05/03/95	1460373
	FILTERED 1460467	I044	Phosphorous	< 0.10		mg/l	07/19/95	1460455
	FILTERED 1460670	I044	Phosphorous	< 1.0		mg/l	10/18/95	1460653
	FILTERED 1460218	I058	Sulfide	2		mg/l	02/01/95	1460265
	FILTERED 1460392	I058	Sulfide	3		mg/l	05/03/95	1460373
	FILTERED 1460467	I058	Sulfide	2		mg/l	07/19/95	1460455
	FILTERED 1460670	I058	Sulfide	1		mg/l	10/18/95	1460653
		I059	Dissolved Oxygen, Field	1.2		mg/l	02/01/95	1460218
		I059	Dissolved Oxygen, Field	0.3		mg/l	05/03/95	1460392
		I059	Dissolved Oxygen, Field	< 0.0		mg/l	07/19/95	1460467
		I059	Dissolved Oxygen, Field	0.2		mg/l	10/18/95	1460670
		I060	Eh Field	+237		mv	05/03/95	1460392
		I060	Eh Field	+215		mv	07/19/95	1460467
		I060	Eh Field	+301		mv	10/18/95	1460670
	FILTERED 1460218	I067	Alkalinity - Field	159		mg/l	02/01/95	1460265
	FILTERED 1460392	I067	Alkalinity - Field	152		mg/l	05/03/95	1460373
	FILTERED 1460467	I067	Alkalinity - Field	235		mg/l	07/19/95	1460455
	FILTERED 1460670	I067	Alkalinity - Field	190		mg/l	10/18/95	1460653
		I068	Carbonate, Total as C	67		mg/l	05/03/95	1460392
			Physical Properties					
	FILTERED 1460218	F007	Total Dissolved Solids (TDS)	2700		mg/l	02/01/95	1460265
	FILTERED 1460392	F007	Total Dissolved Solids (TDS)	3900		mg/l	05/03/95	1460373
	FILTERED 1460467	F007	Total Dissolved Solids (TDS)	3000		mg/l	07/19/95	1460455
	FILTERED 1460670	F007	Total Dissolved Solids (TDS)	1700		mg/l	10/18/95	1460653
		F037	pH Field	6.26		Std. Un	02/01/95	1460218
		F037	pH Field	6.21		Std. Un	05/03/95	1460392
		F037	pH Field	6.52		Std. Un	07/19/95	1460467
		F037	pH Field	6.38		Std. Un	10/18/95	1460670
		F037	pH Field	6.18		Std. Un	12/17/96	1461397
		F062	Specific Conductance - Field	4710		umhos	02/01/95	1460218
		F062	Specific Conductance - Field	4840		umhos	05/03/95	1460392

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Groundwater Analytical Results
Inorganic Parameters
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
GW-79-S								
			Physical Properties					
		F062	Specific Conductance - Field	5320		umhos	07/19/95	1460467
		F062	Specific Conductance - Field	4650		umhos	10/18/95	1460670
		F062	Specific Conductance - Field	5890		umhos	12/17/96	1461397
		F064	Temperature - Field	7.1		deg. C	02/01/95	1460218
		F064	Temperature - Field	6.8		deg. C	05/03/95	1460392
		F064	Temperature - Field	12.9		deg. C	07/19/95	1460467
		F064	Temperature - Field	12.9		deg. C	10/18/95	1460670
		F064	Temperature - Field	8.2		deg. C	12/17/96	1461397
GW-80-BR								
			Metals					
		M001	Aluminum	< 0.10		mg/l	10/12/95	1460546
		M002	Antimony	< 0.005		mg/l	10/12/95	1460546
		M003	Arsenic	0.012		mg/l	10/12/95	1460546
		M004	Barium	0.068		mg/l	10/12/95	1460546
		M005	Beryllium	< 0.005		mg/l	10/12/95	1460546
		M006	Cadmium	< 0.010		mg/l	10/12/95	1460546
		M007	Calcium	170		mg/l	10/12/95	1460546
		M008	Chromium	< 0.015		mg/l	10/12/95	1460546
		M009	Cobalt	< 0.030		mg/l	10/12/95	1460546
		M010	Copper	< 0.025		mg/l	10/12/95	1460546
		M011	Iron	29		mg/l	10/12/95	1460546
		M012	Lead	< 0.005		mg/l	10/12/95	1460546
		M013	Magnesium	20		mg/l	10/12/95	1460546
		M014	Manganese	11		mg/l	10/12/95	1460546
		M015	Mercury	< 0.20		ug/l	10/12/95	1460546
		M016	Nickel	< 0.040		mg/l	10/12/95	1460546
		M017	Potassium	5.9		mg/l	10/12/95	1460546
		M018	Selenium	< 0.005		mg/l	10/12/95	1460546
		M019	Silver	< 0.015		mg/l	10/12/95	1460546
		M020	Sodium	56		mg/l	10/12/95	1460546
		M021	Thallium	0.012		mg/l	10/12/95	1460546
		M023	Vanadium	< 0.025		mg/l	10/12/95	1460546
		M024	Zinc	< 0.025		mg/l	10/12/95	1460546
			Metals - Dissolved					
	FILTERED 1460546	M028	Arsenic, Dissolved	0.010		mg/l	10/12/95	1460543
	FILTERED 1460546	M029	Barium, Dissolved	0.061		mg/l	10/12/95	1460543
	FILTERED 1460546	M031	Beryllium, Dissolved	< 0.005		mg/l	10/12/95	1460543
	FILTERED 1460546	M032	Silver, Dissolved	< 0.015		mg/l	10/12/95	1460543
	FILTERED 1460546	M033	Calcium, Dissolved	140		mg/l	10/12/95	1460543
	FILTERED 1460546	M034	Cadmium, Dissolved	< 0.010		mg/l	10/12/95	1460543
	FILTERED 1460546	M035	Hexavalent Chromium, Dissolved	< 0.015	uj	mg/l	10/12/95	1460543
	FILTERED 1460546	M036	Chromium, Dissolved	< 0.015		mg/l	10/12/95	1460543
	FILTERED 1460546	M037	Copper, Dissolved	< 0.025		mg/l	10/12/95	1460543
	FILTERED 1460546	M040	Iron, Dissolved	26.0		mg/l	10/12/95	1460543
	FILTERED 1460546	M041	Mercury, Dissolved	< 0.20		ug/l	10/12/95	1460543
	FILTERED 1460546	M042	Potassium, Dissolved	5.5		mg/l	10/12/95	1460543
	FILTERED 1460546	M044	Magnesium, Dissolved	19		mg/l	10/12/95	1460543
	FILTERED 1460546	M045	Manganese, Dissolved	9.8		mg/l	10/12/95	1460543
	FILTERED 1460546	M047	Sodium, Dissolved	50		mg/l	10/12/95	1460543
	FILTERED 1460546	M048	Lead, Dissolved	< 0.005		mg/l	10/12/95	1460543
	FILTERED 1460546	M050	Selenium, Dissolved	0.005		mg/l	10/12/95	1460543
	FILTERED 1460546	M053	Zinc, Dissolved	< 0.025		mg/l	10/12/95	1460543
	FILTERED 1460546	M054	Aluminum, Dissolved	< 0.10		mg/l	10/12/95	1460543
	FILTERED 1460546	M055	Cobalt, Dissolved	< 0.030		mg/l	10/12/95	1460543
	FILTERED 1460546	M059	Nickel, Dissolved	< 0.040		mg/l	10/12/95	1460543
	FILTERED 1460546	M098	Thallium, Dissolved	< 0.010		mg/l	10/12/95	1460543
	FILTERED 1460546	M099	Vanadium, Dissolved	< 0.025		mg/l	10/12/95	1460543
	FILTERED 1460546	M100	Antimony, Dissolved	< 0.005		mg/l	10/12/95	1460543

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Inorganic Parameters
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
GW-80-BR								
			Metals - Dissolved					
	FILTERED 1460546	M109	Trivalent Chromium, Dissolved	< 0.015	uj	mg/l	10/12/95	1460543
	FILTERED 1460546	M111	Total Iron, Field	27		mg/l	10/12/95	1460543
	FILTERED 1460546	M112	Iron as Fe+2 - Field	24		mg/l	10/12/95	1460543
	FILTERED 1460546	M113	Iron as Fe+3 - Field	3		mg/l	10/12/95	1460543
	FILTERED 1460546	M114	Hexavalent Chromium, Field	< 0.0		mg/l	10/12/95	1460543
			Inorganic Non-metals					
	FILTERED 1460546	I005	Chloride	210		mg/l	10/12/95	1460543
	FILTERED 1460546	I009	Nitrogen, Ammonia	2.9	j	mg/l	10/12/95	1460543
		I009	Nitrogen, Ammonia	2.8	j	mg/l	10/12/95	1460546
	FILTERED 1460546	I012	Nitrate as N	< 0.05	uj	mg/l	10/12/95	1460543
	FILTERED 1460546	I014	Nitrite as N	0.070	j	mg/l	10/12/95	1460543
	FILTERED 1460546	I017	Ortho Phosphate as Phosphorus	0.12		mg/l	10/12/95	1460543
	FILTERED 1460546	I018	Sulfate as SO4	4		mg/l	10/12/95	1460543
	FILTERED 1460546	I026	Bicarbonate Alkalinity as CaCO3	380		mg/l	10/12/95	1460543
	FILTERED 1460546	I027	Carbonate Alkalinity as CaCO3	< 20		mg/l	10/12/95	1460543
	FILTERED 1460546	I030	Bromide	3		mg/l	10/12/95	1460543
	FILTERED 1460546	I040	Silica as SiO2	16		mg/l	10/12/95	1460543
		I040	Silica as SiO2	18		mg/l	10/12/95	1460546
	FILTERED 1460546	I044	Phosphorous	0.23	j	mg/l	10/12/95	1460543
	FILTERED 1460546	I058	Sulfide	< 1		mg/l	10/12/95	1460543
		I059	Dissolved Oxygen, Field	< 0.0		mg/l	10/12/95	1460546
		I060	Eh Field	+93		mv	10/12/95	1460546
	FILTERED 1460546	I067	Alkalinity - Field	412		mg/l	10/12/95	1460543
			Physical Properties					
	FILTERED 1460546	F007	Total Dissolved Solids (TDS)	1000		mg/l	10/12/95	1460543
	FILTERED 1460546	F031	Viscosity	3.00		cpoise	10/12/95	1[illegible]3
		F037	pH Field	6.35		Std. Un	10/12/95	[illegible]6
		F037	pH Field	6.31		Std. Un	10/19/95	14[illegible]97
		F062	Specific Conductance - Field	175		umhos	10/12/95	1460546
		F062	Specific Conductance - Field	185		umhos	10/19/95	1460597
		F064	Temperature - Field	12.9		deg. C	10/12/95	1460546
		F064	Temperature - Field	13		deg. C	10/19/95	1460597
GW-80-D								
			Metals					
		M001	Aluminum	0.13		mg/l	10/12/95	1460550
		M002	Antimony	< 0.005		mg/l	10/12/95	1460550
		M003	Arsenic	0.023		mg/l	10/12/95	1460550
		M004	Barium	0.041		mg/l	10/12/95	1460550
		M005	Beryllium	< 0.005		mg/l	10/12/95	1460550
		M006	Cadmium	< 0.010		mg/l	10/12/95	1460550
		M007	Calcium	86		mg/l	10/12/95	1460550
		M008	Chromium	< 0.015		mg/l	10/12/95	1460550
		M009	Cobalt	< 0.030		mg/l	10/12/95	1460550
		M010	Copper	< 0.025		mg/l	10/12/95	1460550
		M011	Iron	45		mg/l	10/12/95	1460550
		M012	Lead	< 0.005		mg/l	10/12/95	1460550
		M013	Magnesium	11		mg/l	10/12/95	1460550
		M014	Manganese	7.0		mg/l	10/12/95	1460550
		M015	Mercury	< 0.20		ug/l	10/12/95	1460550
		M016	Nickel	< 0.040		mg/l	10/12/95	1460550
		M017	Potassium	7.6		mg/l	10/12/95	1460550
		M018	Selenium	< 0.005		mg/l	10/12/95	1460550
		M019	Silver	< 0.015		mg/l	10/12/95	1460550
		M020	Sodium	51		mg/l	10/12/95	1460550
		M021	Thallium	< 0.010		mg/l	10/12/95	1460550
		M023	Vanadium	< 0.025		mg/l	10/12/95	1460550
		M024	Zinc	< 0.025		mg/l	10/12/95	1460550

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Groundwater Analytical Results
Inorganic Parameters
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
GW-80-D								
			Metals - Dissolved					
	FILTERED 1460550	M028	Arsenic, Dissolved	0.014		mg/l	10/12/95	1460549
	FILTERED 1460550	M029	Barium, Dissolved	0.026		mg/l	10/12/95	1460549
	FILTERED 1460550	M031	Beryllium, Dissolved	< 0.005		mg/l	10/12/95	1460549
	FILTERED 1460550	M032	Silver, Dissolved	< 0.015		mg/l	10/12/95	1460549
	FILTERED 1460550	M033	Calcium, Dissolved	58		mg/l	10/12/95	1460549
	FILTERED 1460550	M034	Cadmium, Dissolved	< 0.010		mg/l	10/12/95	1460549
	FILTERED 1460550	M035	Hexavalent Chromium, Dissolved	< 0.015	uj	mg/l	10/12/95	1460549
	FILTERED 1460550	M036	Chromium, Dissolved	< 0.015		mg/l	10/12/95	1460549
	FILTERED 1460550	M037	Copper, Dissolved	< 0.025		mg/l	10/12/95	1460549
	FILTERED 1460550	M040	Iron, Dissolved	29.0		mg/l	10/12/95	1460549
	FILTERED 1460550	M041	Mercury, Dissolved	< 0.20		ug/l	10/12/95	1460549
	FILTERED 1460550	M042	Potassium, Dissolved	4.7		mg/l	10/12/95	1460549
	FILTERED 1460550	M044	Magnesium, Dissolved	7.4		mg/l	10/12/95	1460549
	FILTERED 1460550	M045	Manganese, Dissolved	4.6		mg/l	10/12/95	1460549
	FILTERED 1460550	M047	Sodium, Dissolved	33		mg/l	10/12/95	1460549
	FILTERED 1460550	M048	Lead, Dissolved	< 0.005		mg/l	10/12/95	1460549
	FILTERED 1460550	M050	Selenium, Dissolved	< 0.005		mg/l	10/12/95	1460549
	FILTERED 1460550	M053	Zinc, Dissolved	< 0.025		mg/l	10/12/95	1460549
	FILTERED 1460550	M054	Aluminum, Dissolved	< 0.10		mg/l	10/12/95	1460549
	FILTERED 1460550	M055	Cobalt, Dissolved	< 0.030		mg/l	10/12/95	1460549
	FILTERED 1460550	M059	Nickel, Dissolved	< 0.040		mg/l	10/12/95	1460549
	FILTERED 1460550	M098	Thallium, Dissolved	< 0.010		mg/l	10/12/95	1460549
	FILTERED 1460550	M099	Vanadium, Dissolved	< 0.025		mg/l	10/12/95	1460549
	FILTERED 1460550	M100	Antimony, Dissolved	< 0.005		mg/l	10/12/95	1460549
	FILTERED 1460550	M109	Trivalent Chromium, Dissolved	< 0.015	uj	mg/l	10/12/95	1460549
	FILTERED 1460550	M111	Total Iron, Field	30		mg/l	10/12/95	1460549
	FILTERED 1460550	M112	Iron as Fe+2 - Field	30		mg/l	10/12/95	1460549
	FILTERED 1460550	M113	Iron as Fe+3 - Field	0		mg/l	10/12/95	1460549
	FILTERED 1460550	M114	Hexavalent Chromium, Field	< 0.0		mg/l	10/12/95	1460549
			Inorganic Non-metals					
	FILTERED 1460550	I005	Chloride	100		mg/l	10/12/95	1460549
	FILTERED 1460550	I009	Nitrogen, Ammonia	0.32		mg/l	10/12/95	1460549
		I009	Nitrogen, Ammonia	0.27		mg/l	10/12/95	1460550
	FILTERED 1460550	I012	Nitrate as N	< 0.05	uj	mg/l	10/12/95	1460549
	FILTERED 1460550	I014	Nitrite as N	0.10	j	mg/l	10/12/95	1460549
	FILTERED 1460550	I017	Ortho Phosphate as Phosphorus	0.29		mg/l	10/12/95	1460549
	FILTERED 1460550	I018	Sulfate as SO4	2		mg/l	10/12/95	1460549
	FILTERED 1460550	I026	Bicarbonate Alkalinity as CaCO3	270		mg/l	10/12/95	1460549
	FILTERED 1460550	I027	Carbonate Alkalinity as CaCO3	< 20		mg/l	10/12/95	1460549
	FILTERED 1460550	I030	Bromide	2		mg/l	10/12/95	1460549
	FILTERED 1460550	I040	Silica as SiO2	11		mg/l	10/12/95	1460549
		I040	Silica as SiO2	18		mg/l	10/12/95	1460550
	FILTERED 1460550	I044	Phosphorous	0.27	j	mg/l	10/12/95	1460549
	FILTERED 1460550	I058	Sulfide	< 1		mg/l	10/12/95	1460549
		I059	Dissolved Oxygen, Field	< 0.0		mg/l	10/12/95	1460550
		I060	Eh Field	+55		mv	10/12/95	1460550
	FILTERED 1460550	I067	Alkalinity - Field	325		mg/l	10/12/95	1460549
			Physical Properties					
	FILTERED 1460550	F007	Total Dissolved Solids (TDS)	490		mg/l	10/12/95	1460549
	FILTERED 1460550	F031	Viscosity	3.50		cpoise	10/12/95	1460549
		F037	pH Field	6.49		Std. Un	10/12/95	1460550
		F037	pH Field	6.45		Std. Un	10/19/95	1460596
		F062	Specific Conductance - Field	646		umhos	10/12/95	1460550
		F062	Specific Conductance - Field	630		umhos	10/19/95	1460596
		F064	Temperature - Field	14.9		deg. C	10/12/95	1460550
		F064	Temperature - Field	14.9		deg. C	10/19/95	1460596

TABLE-22
Groundwater Analytical Results
Inorganic Parameters
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
GW-80-S								
			Metals					
		M001	Aluminum	17		mg/l	10/12/95	1460552
		M002	Antimony	0.006		mg/l	10/12/95	1460552
		M003	Arsenic	0.054		mg/l	10/12/95	1460552
		M004	Barium	0.25		mg/l	10/12/95	1460552
		M005	Beryllium	< 0.005		mg/l	10/12/95	1460552
		M006	Cadmium	< 0.010		mg/l	10/12/95	1460552
		M007	Calcium	74		mg/l	10/12/95	1460552
		M008	Chromium	0.068		mg/l	10/12/95	1460552
		M009	Cobalt	< 0.030		mg/l	10/12/95	1460552
		M010	Copper	0.080		mg/l	10/12/95	1460552
		M011	Iron	100		mg/l	10/12/95	1460552
		M012	Lead	0.40		mg/l	10/12/95	1460552
		M013	Magnesium	6.4		mg/l	10/12/95	1460552
		M014	Manganese	2.4		mg/l	10/12/95	1460552
		M015	Mercury	0.58		ug/l	10/12/95	1460552
		M016	Nickel	< 0.040		mg/l	10/12/95	1460552
		M017	Potassium	8.2		mg/l	10/12/95	1460552
		M018	Selenium	< 0.005		mg/l	10/12/95	1460552
		M019	Silver	< 0.015		mg/l	10/12/95	1460552
		M020	Sodium	10		mg/l	10/12/95	1460552
		M021	Thallium	< 0.010		mg/l	10/12/95	1460552
		M023	Vanadium	0.074		mg/l	10/12/95	1460552
		M024	Zinc	0.39		mg/l	10/12/95	1460552
			Metals - Dissolved					
	FILTERED 1460552	M028	Arsenic, Dissolved	0.022		mg/l	10/12/95	1460551
	FILTERED 1460552	M029	Barium, Dissolved	0.080		mg/l	10/12/95	1[illegible]51
	FILTERED 1460552	M031	Beryllium, Dissolved	< 0.005		mg/l	10/12/95	[illegible]1
	FILTERED 1460552	M032	Silver, Dissolved	< 0.015		mg/l	10/12/95	14[illegible]51
	FILTERED 1460552	M033	Calcium, Dissolved	59		mg/l	10/12/95	1460551
	FILTERED 1460552	M034	Cadmium, Dissolved	< 0.010		mg/l	10/12/95	1460551
	FILTERED 1460552	M035	Hexavalent Chromium, Dissolved	< 0.015	uj	mg/l	10/12/95	1460551
	FILTERED 1460552	M036	Chromium, Dissolved	< 0.015		mg/l	10/12/95	1460551
	FILTERED 1460552	M037	Copper, Dissolved	< 0.025		mg/l	10/12/95	1460551
	FILTERED 1460552	M040	Iron, Dissolved	64.0		mg/l	10/12/95	1460551
	FILTERED 1460552	M041	Mercury, Dissolved	< 0.20		ug/l	10/12/95	1460551
	FILTERED 1460552	M042	Potassium, Dissolved	5.5		mg/l	10/12/95	1460551
	FILTERED 1460552	M044	Magnesium, Dissolved	3.3		mg/l	10/12/95	1460551
	FILTERED 1460552	M045	Manganese, Dissolved	1.7		mg/l	10/12/95	1460551
	FILTERED 1460552	M047	Sodium, Dissolved	8.0		mg/l	10/12/95	1460551
	FILTERED 1460552	M048	Lead, Dissolved	0.030		mg/l	10/12/95	1460551
	FILTERED 1460552	M050	Selenium, Dissolved	< 0.005		mg/l	10/12/95	1460551
	FILTERED 1460552	M053	Zinc, Dissolved	< 0.036	u	mg/l	10/12/95	1460551
	FILTERED 1460552	M054	Aluminum, Dissolved	0.60		mg/l	10/12/95	1460551
	FILTERED 1460552	M055	Cobalt, Dissolved	< 0.030		mg/l	10/12/95	1460551
	FILTERED 1460552	M059	Nickel, Dissolved	< 0.040		mg/l	10/12/95	1460551
	FILTERED 1460552	M098	Thallium, Dissolved	< 0.010		mg/l	10/12/95	1460551
	FILTERED 1460552	M099	Vanadium, Dissolved	< 0.025		mg/l	10/12/95	1460551
	FILTERED 1460552	M100	Antimony, Dissolved	< 0.005		mg/l	10/12/95	1460551
	FILTERED 1460552	M109	Trivalent Chromium, Dissolved	< 0.015	uj	mg/l	10/12/95	1460551
	FILTERED 1460552	M111	Total Iron, Field	70		mg/l	10/12/95	1460551
	FILTERED 1460552	M112	Iron as Fe+2 - Field	70		mg/l	10/12/95	1460551
	FILTERED 1460552	M113	Iron as Fe+3 - Field	< 0.0		mg/l	10/12/95	1460551
	FILTERED 1460552	M114	Hexavalent Chromium, Field	< 0.0		mg/l	10/12/95	1460551
			Inorganic Non-metals					
	FILTERED 1460552	I005	Chloride	15		mg/l	10/12/95	1460551
	FILTERED 1460552	I009	Nitrogen, Ammonia	0.22		mg/l	10/12/95	1460551
		I009	Nitrogen, Ammonia	0.20		mg/l	10/12/95	1460552
	FILTERED 1460552	I012	Nitrate as N	< 0.05	uj	mg/l	10/12/95	1460551
	FILTERED 1460552	I014	Nitrite as N	0.14	j	mg/l	10/12/95	1460551

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TABLE-22
Groundwater Analytical Results
Inorganic Parameters
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
GW-80-S								
			Inorganic Non-metals					
	FILTERED 1460552	I017	Ortho Phosphate as Phosphorus	0.16		mg/l	10/12/95	1460551
	FILTERED 1460552	I018	Sulfate as SO4	5		mg/l	10/12/95	1460551
	FILTERED 1460552	I026	Bicarbonate Alkalinity as CaCO3	240		mg/l	10/12/95	1460551
	FILTERED 1460552	I027	Carbonate Alkalinity as CaCO3	< 20		mg/l	10/12/95	1460551
	FILTERED 1460552	I030	Bromide	1	j	mg/l	10/12/95	1460551
	FILTERED 1460552	I040	Silica as SiO2	13		mg/l	10/12/95	1460551
		I040	Silica as SiO2	47		mg/l	10/12/95	1460552
	FILTERED 1460552	I044	Phosphorous	< 0.10	uj	mg/l	10/12/95	1460551
	FILTERED 1460552	I058	Sulfide	6		mg/l	10/12/95	1460551
		I059	Dissolved Oxygen, Field	< 0.0		mg/l	10/12/95	1460552
		I060	Eh Field	+54		mv	10/12/95	1460552
	FILTERED 1460552	I067	Alkalinity - Field	391		mg/l	10/12/95	1460551
			Physical Properties					
	FILTERED 1460552	F007	Total Dissolved Solids (TDS)	320		mg/l	10/12/95	1460551
	FILTERED 1460552	F031	Viscosity	3.00		cpoise	10/12/95	1460551
		F037	pH Field	6.40		Std. Un	10/12/95	1460552
		F037	pH Field	6.38		Std. Un	10/19/95	1460595
		F062	Specific Conductance - Field	1060		umhos	10/12/95	1460552
		F062	Specific Conductance - Field	1000		umhos	10/19/95	1460595
		F064	Temperature - Field	19.1		deg. C	10/12/95	1460552
		F064	Temperature - Field	19		deg. C	10/19/95	1460595
GW-81-BR								
			Metals					
		M001	Aluminum	0.27		mg/l	10/12/95	1460554
		M002	Antimony	< 0.005		mg/l	10/12/95	1460554
		M003	Arsenic	< 0.005		mg/l	10/12/95	1460554
		M004	Barium	0.068		mg/l	10/12/95	1460554
		M005	Beryllium	< 0.005		mg/l	10/12/95	1460554
		M006	Cadmium	< 0.010		mg/l	10/12/95	1460554
		M007	Calcium	37		mg/l	10/12/95	1460554
		M008	Chromium	< 0.015		mg/l	10/12/95	1460554
		M008	Chromium	< 0.010		mg/l	08/01/96	1461246
		M009	Cobalt	< 0.030		mg/l	10/12/95	1460554
		M010	Copper	< 0.025		mg/l	10/12/95	1460554
		M011	Iron	0.63		mg/l	10/12/95	1460554
		M012	Lead	0.011		mg/l	10/12/95	1460554
		M013	Magnesium	4.2		mg/l	10/12/95	1460554
		M014	Manganese	0.078		mg/l	10/12/95	1460554
		M015	Mercury	< 0.20		ug/l	10/12/95	1460554
		M016	Nickel	< 0.040		mg/l	10/12/95	1460554
		M017	Potassium	18		mg/l	10/12/95	1460554
		M018	Selenium	< 0.005		mg/l	10/12/95	1460554
		M019	Silver	< 0.015		mg/l	10/12/95	1460554
		M020	Sodium	42		mg/l	10/12/95	1460554
	FILTERED 1461246	M056	Trivalent Chromium	< 0.010		mg/l	08/01/96	1461073
	FILTERED 1461246	M057	Hexavalent Chromium	< 0.010		mg/l	08/01/96	1461073
			Metals - Dissolved					
	FILTERED 1460554	M028	Arsenic, Dissolved	< 0.005		mg/l	10/12/95	1460553
	FILTERED 1461246	M028	Arsenic, Dissolved	< 0.010		mg/l	08/01/96	1461073
	FILTERED 1460554	M029	Barium, Dissolved	0.039		mg/l	10/12/95	1460553
	FILTERED 1461246	M029	Barium, Dissolved	< 0.20		mg/l	08/01/96	1461073
	FILTERED 1460554	M031	Beryllium, Dissolved	< 0.005		mg/l	10/12/95	1460553
	FILTERED 1461246	M031	Beryllium, Dissolved	< 0.005		mg/l	08/01/96	1461073
	FILTERED 1460554	M032	Silver, Dissolved	< 0.015		mg/l	10/12/95	1460553
	FILTERED 1461246	M032	Silver, Dissolved	< 0.010		mg/l	08/01/96	1461073
	FILTERED 1460554	M033	Calcium, Dissolved	18		mg/l	10/12/95	1460553
	FILTERED 1461246	M033	Calcium, Dissolved	< 5.0		mg/l	08/01/96	1461073
	FILTERED 1460554	M034	Cadmium, Dissolved	< 0.010		mg/l	10/12/95	1460553

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TABLE-22
Groundwater Analytical Results
Inorganic Parameters
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
GW-81-BR								
			Metals - Dissolved					
	FILTERED 1461246	M034	Cadmium, Dissolved	< 0.005		mg/l	08/01/96	1461073
	FILTERED 1460554	M035	Hexavalent Chromium, Dissolved	< 0.015	uj	mg/l	10/12/95	1460553
	FILTERED 1461246	M035	Hexavalent Chromium, Dissolved	< 0.010		mg/l	08/01/96	1461073
	FILTERED 1460554	M036	Chromium, Dissolved	< 0.015		mg/l	10/12/95	1460553
	FILTERED 1461246	M036	Chromium, Dissolved	< 0.010		mg/l	08/01/96	1461073
	FILTERED 1460554	M037	Copper, Dissolved	< 0.025		mg/l	10/12/95	1460553
	FILTERED 1461246	M037	Copper, Dissolved	< 0.025		mg/l	08/01/96	1461073
	FILTERED 1460554	M040	Iron, Dissolved	0.19		mg/l	10/12/95	1460553
	FILTERED 1461246	M040	Iron, Dissolved	< 0.10		mg/l	08/01/96	1461073
	FILTERED 1460554	M041	Mercury, Dissolved	< 0.20		ug/l	10/12/95	1460553
	FILTERED 1461246	M041	Mercury, Dissolved	< 0.20		mg/l	08/01/96	1461073
	FILTERED 1460554	M042	Potassium, Dissolved	15		mg/l	10/12/95	1460553
	FILTERED 1461246	M042	Potassium, Dissolved	8.26		mg/l	08/01/96	1461073
	FILTERED 1460554	M044	Magnesium, Dissolved	2.9		mg/l	10/12/95	1460553
	FILTERED 1461246	M044	Magnesium, Dissolved	< 5.0		mg/l	08/01/96	1461073
	FILTERED 1460554	M045	Manganese, Dissolved	0.023		mg/l	10/12/95	1460553
	FILTERED 1461246	M045	Manganese, Dissolved	< 0.015		mg/l	08/01/96	1461073
	FILTERED 1460554	M047	Sodium, Dissolved	38		mg/l	10/12/95	1460553
	FILTERED 1461246	M047	Sodium, Dissolved	46.4		mg/l	08/01/96	1461073
	FILTERED 1460554	M048	Lead, Dissolved	< 0.005		mg/l	10/12/95	1460553
	FILTERED 1461246	M048	Lead, Dissolved	< 0.003		mg/l	08/01/96	1461073
	FILTERED 1460554	M050	Selenium, Dissolved	< 0.005		mg/l	10/12/95	1460553
	FILTERED 1461246	M050	Selenium, Dissolved	< 0.005		mg/l	08/01/96	1461073
	FILTERED 1460554	M053	Zinc, Dissolved	< 0.025		mg/l	10/12/95	1460553
	FILTERED 1461246	M053	Zinc, Dissolved	< 0.020		mg/l	08/01/96	1461073
	FILTERED 1460554	M054	Aluminum, Dissolved	0.12		mg/l	10/12/95	[illegible]
	FILTERED 1461246	M054	Aluminum, Dissolved	< 0.200		mg/l	08/01/96	[illegible]
	FILTERED 1460554	M055	Cobalt, Dissolved	< 0.030		mg/l	10/12/95	[illegible]
	FILTERED 1461246	M055	Cobalt, Dissolved	< 0.050		mg/l	08/01/96	1461073
	FILTERED 1460554	M059	Nickel, Dissolved	< 0.040		mg/l	10/12/95	1460553
	FILTERED 1461246	M059	Nickel, Dissolved	< 0.040		mg/l	08/01/96	1461073
	FILTERED 1460554	M098	Thallium, Dissolved	< 0.010		mg/l	10/12/95	1460553
	FILTERED 1461246	M098	Thallium, Dissolved	< 0.010		mg/l	08/01/96	1461073
	FILTERED 1460554	M099	Vanadium, Dissolved	< 0.025		mg/l	10/12/95	1460553
	FILTERED 1461246	M099	Vanadium, Dissolved	< 0.050		mg/l	08/01/96	1461073
	FILTERED 1460554	M100	Antimony, Dissolved	< 0.005		mg/l	10/12/95	1460553
	FILTERED 1461246	M100	Antimony, Dissolved	< 0.066		mg/l	08/01/96	1461073
	FILTERED 1460554	M109	Trivalent Chromium, Dissolved	< 0.015	uj	mg/l	10/12/95	1460553
	FILTERED 1461246	M109	Trivalent Chromium, Dissolved	< 0.010		mg/l	08/01/96	1461073
	FILTERED 1460554	M111	Total Iron, Field	0.01		mg/l	10/12/95	1460553
	FILTERED 1460554	M112	Iron as Fe+2 - Field	0.01		mg/l	10/12/95	1460553
	FILTERED 1460554	M113	Iron as Fe+3 - Field	< 0.0		mg/l	10/12/95	1460553
	FILTERED 1460554	M114	Hexavalent Chromium, Field	< 0.0		mg/l	10/12/95	1460553
			Inorganic Non-metals					
	FILTERED 1460554	I005	Chloride	45		mg/l	10/12/95	1460553
	FILTERED 1461246	I005	Chloride	39.0		mg/l	08/01/96	1461073
	FILTERED 1460554	I009	Nitrogen, Ammonia	0.09		mg/l	10/12/95	1460553
	FILTERED 1461246	I009	Nitrogen, Ammonia	< 0.040		mg/l	08/01/96	1461073
	FILTERED 1460554	I012	Nitrate as N	0.81		mg/l	10/12/95	1460553
	FILTERED 1461246	I012	Nitrate as N	0.49		mg/l	08/01/96	1461073
	FILTERED 1460554	I014	Nitrite as N	0.14		mg/l	10/12/95	1460553
	FILTERED 1461246	I014	Nitrite as N	< 0.005		mg/l	08/01/96	1461073
	FILTERED 1460554	I017	Ortho Phosphate as Phosphorus	< 0.02		mg/l	10/12/95	1460553
	FILTERED 1461246	I017	Ortho Phosphate as Phosphorus	< 0.10		mg/l	08/01/96	1461073
	FILTERED 1460554	I018	Sulfate as SO4	55		mg/l	10/12/95	1460553
	FILTERED 1461246	I018	Sulfate as SO4	36.0		mg/l	08/01/96	1461073
	FILTERED 1460554	I026	Bicarbonate Alkalinity as CaCO3	50		mg/l	10/12/95	1460553
	FILTERED 1461246	I026	Bicarbonate Alkalinity as CaCO3	64.0		mg/l	08/01/96	1461073
	FILTERED 1460554	I027	Carbonate Alkalinity as CaCO3	< 20		mg/l	10/12/95	1460553

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TABLE-22
Groundwater Analytical Results
Inorganic Parameters
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
GW-81-BR								
			Inorganic Non-metals					
	FILTERED 1461246	I027	Carbonate Alkalinity as CaCO3	< 1.00		mg/l	08/01/96	1461073
	FILTERED 1460554	I030	Bromide	< 1		mg/l	10/12/95	1460553
	FILTERED 1461246	I030	Bromide	0.54		mg/l	08/01/96	1461073
	FILTERED 1460554	I040	Silica as SiO2	6.1		mg/l	10/12/95	1460553
	FILTERED 1461246	I040	Silica as SiO2	4.09		ug/l	08/01/96	1461073
	FILTERED 1460554	I044	Phosphorous	< 1.0	uj	mg/l	10/12/95	1460553
	FILTERED 1461246	I044	Phosphorous	< 0.10		mg/l	08/01/96	1461073
	FILTERED 1460554	I058	Sulfide	< 1		mg/l	10/12/95	1460553
	FILTERED 1461246	I058	Sulfide	< 1.0		mg/l	08/01/96	1461073
		I059	Dissolved Oxygen, Field	4.1		mg/l	10/12/95	1460554
	FILTERED 1461246	I059	Dissolved Oxygen, Field	9.6		mg/l	08/01/96	1461073
	FILTERED 1461246	I059	Dissolved Oxygen, Field	9.6		mg/l	08/01/96	1461073
		I060	Eh Field	+259		mv	10/12/95	1460554
	FILTERED 1460554	I067	Alkalinity - Field	56		mg/l	10/12/95	1460553
			Physical Properties					
	FILTERED 1460554	F007	Total Dissolved Solids (TDS)	280		mg/l	10/12/95	1460553
	FILTERED 1461246	F007	Total Dissolved Solids (TDS)	202		mg/l	08/01/96	1461073
	FILTERED 1460554	F031	Viscosity	3.00		cpoise	10/12/95	1460553
		F037	pH Field	9.29		Std. Un	10/12/95	1460554
		F037	pH Field	9.23		Std. Un	10/19/95	1460601
		F037	pH Field	8.89		Std. Un	08/01/96	1461246
		F062	Specific Conductance - Field	420		umhos	10/12/95	1460554
		F062	Specific Conductance - Field	415		umhos	10/19/95	1460601
		F062	Specific Conductance - Field	345		umhos	08/01/96	1461246
		F064	Temperature - Field	18.5		deg. C	10/12/95	1460554
		F064	Temperature - Field	18.4		deg. C	10/19/95	1460601
		F064	Temperature - Field	13.3		deg. C	08/01/96	1461246
GW-81-D								
			Metals					
	DUP OF 1460676	M001	Aluminum	1.1		mg/l	10/12/95	1460538
		M001	Aluminum	1.0		mg/l	10/12/95	1460676
	DUP OF 1460676	M002	Antimony	< 0.005		mg/l	10/12/95	1460538
		M002	Antimony	< 0.005		mg/l	10/12/95	1460676
	DUP OF 1460676	M003	Arsenic	< 0.005		mg/l	10/12/95	1460538
		M003	Arsenic	< 0.005		mg/l	10/12/95	1460676
	DUP OF 1460676	M004	Barium	0.014		mg/l	10/12/95	1460538
		M004	Barium	0.014		mg/l	10/12/95	1460676
	DUP OF 1460676	M005	Beryllium	< 0.005		mg/l	10/12/95	1460538
		M005	Beryllium	< 0.005		mg/l	10/12/95	1460676
	DUP OF 1460676	M006	Cadmium	< 0.010		mg/l	10/12/95	1460538
		M006	Cadmium	< 0.010		mg/l	10/12/95	1460676
	DUP OF 1460676	M007	Calcium	22		mg/l	10/12/95	1460538
		M007	Calcium	20		mg/l	10/12/95	1460676
	DUP OF 1460676	M008	Chromium	< 0.015		mg/l	10/12/95	1460538
		M008	Chromium	< 0.015		mg/l	10/12/95	1460676
		M008	Chromium	< 0.010		mg/l	08/01/96	1461247
	DUP OF 1460676	M009	Cobalt	< 0.030		mg/l	10/12/95	1460538
		M009	Cobalt	< 0.030		mg/l	10/12/95	1460676
	DUP OF 1460676	M010	Copper	< 0.025		mg/l	10/12/95	1460538
		M010	Copper	< 0.025		mg/l	10/12/95	1460676
	DUP OF 1460676	M011	Iron	0.035		mg/l	10/12/95	1460538
		M011	Iron	0.043	j	mg/l	10/12/95	1460676
	DUP OF 1460676	M012	Lead	< 0.005		mg/l	10/12/95	1460538
		M012	Lead	< 0.005		mg/l	10/12/95	1460676
	DUP OF 1460676	M013	Magnesium	0.13		mg/l	10/12/95	1460538
		M013	Magnesium	0.12		mg/l	10/12/95	1460676
	DUP OF 1460676	M014	Manganese	0.012	j	mg/l	10/12/95	1460538
		M014	Manganese	0.008	j	mg/l	10/12/95	1460676

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TABLE-22
Groundwater Analytical Results
Inorganic Parameters
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID		Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
GW-81-D									
				Metals					
	DUP OF	1460676	M015	Mercury	< 0.20		ug/l	10/12/95	1460538
			M015	Mercury	< 0.20		ug/l	10/12/95	1460676
	DUP OF	1460676	M016	Nickel	< 0.040		mg/l	10/12/95	1460538
			M016	Nickel	< 0.040		mg/l	10/12/95	1460676
	DUP OF	1460676	M017	Potassium	0.96	j	mg/l	10/12/95	1460538
			M017	Potassium	0.56	j	mg/l	10/12/95	1460676
	DUP OF	1460676	M018	Selenium	< 0.005		mg/l	10/12/95	1460538
			M018	Selenium	< 0.005		mg/l	10/12/95	1460676
	DUP OF	1460676	M019	Silver	< 0.015		mg/l	10/12/95	1460538
			M019	Silver	< 0.015		mg/l	10/12/95	1460676
	DUP OF	1460676	M020	Sodium	2.4		mg/l	10/12/95	1460538
			M020	Sodium	2.3		mg/l	10/12/95	1460676
	DUP OF	1460676	M021	Thallium	< 0.010		mg/l	10/12/95	1460538
			M021	Thallium	< 0.010		mg/l	10/12/95	1460676
	DUP OF	1460676	M023	Vanadium	< 0.025		mg/l	10/12/95	1460538
			M023	Vanadium	< 0.025		mg/l	10/12/95	1460676
	DUP OF	1460676	M024	Zinc	< 0.025		mg/l	10/12/95	1460538
			M024	Zinc	< 0.025		mg/l	10/12/95	1460676
	FILTERED	1461247	M056	Trivalent Chromium	< 0.010		mg/l	08/01/96	1461072
	FILTERED	1461247	M057	Hexavalent Chromium	< 0.010		mg/l	08/01/96	1461072
				Metals - Dissolved					
	FILTDUP	1460675	M028	Arsenic, Dissolved	< 0.005		mg/l	10/12/95	1460537
	FILTERED	1460676	M028	Arsenic, Dissolved	0.005		mg/l	10/12/95	1460675
	FILTERED	1461247	M028	Arsenic, Dissolved	< 0.010		mg/l	08/01/96	1461072
	FILTDUP	1460675	M029	Barium, Dissolved	0.012		mg/l	10/12/95	1460537
	FILTERED	1460676	M029	Barium, Dissolved	0.010		mg/l	10/12/95	1[illegible]5
	FILTERED	1461247	M029	Barium, Dissolved	< 0.20		mg/l	08/01/96	1[illegible]2
	FILTDUP	1460675	M031	Beryllium, Dissolved	< 0.005		mg/l	10/12/95	1460537
	FILTERED	1460676	M031	Beryllium, Dissolved	< 0.005		mg/l	10/12/95	1460675
	FILTERED	1461247	M031	Beryllium, Dissolved	< 0.005		mg/l	08/01/96	1461072
	FILTDUP	1460675	M032	Silver, Dissolved	< 0.015		mg/l	10/12/95	1460537
	FILTERED	1460676	M032	Silver, Dissolved	< 0.015		mg/l	10/12/95	1460675
	FILTERED	1461247	M032	Silver, Dissolved	< 0.010		mg/l	08/01/96	1461072
	FILTDUP	1460675	M033	Calcium, Dissolved	20		mg/l	10/12/95	1460537
	FILTERED	1460676	M033	Calcium, Dissolved	18		mg/l	10/12/95	1460675
	FILTERED	1461247	M033	Calcium, Dissolved	11.9		mg/l	08/01/96	1461072
	FILTDUP	1460675	M034	Cadmium, Dissolved	< 0.010		mg/l	10/12/95	1460537
	FILTERED	1460676	M034	Cadmium, Dissolved	< 0.010		mg/l	10/12/95	1460675
	FILTERED	1461247	M034	Cadmium, Dissolved	< 0.005		mg/l	08/01/96	1461072
	FILTDUP	1460675	M035	Hexavalent Chromium, Dissolved	< 0.015	uj	mg/l	10/12/95	1460537
	FILTERED	1460676	M035	Hexavalent Chromium, Dissolved	< 0.015	uj	mg/l	10/12/95	1460675
	FILTERED	1461247	M035	Hexavalent Chromium, Dissolved	< 0.010		mg/l	08/01/96	1461072
	FILTDUP	1460675	M036	Chromium, Dissolved	< 0.015		mg/l	10/12/95	1460537
	FILTERED	1460676	M036	Chromium, Dissolved	< 0.015		mg/l	10/12/95	1460675
	FILTERED	1461247	M036	Chromium, Dissolved	< 0.010		mg/l	08/01/96	1461072
	FILTDUP	1460675	M037	Copper, Dissolved	< 0.025		mg/l	10/12/95	1460537
	FILTERED	1460676	M037	Copper, Dissolved	< 0.025		mg/l	10/12/95	1460675
	FILTERED	1461247	M037	Copper, Dissolved	< 0.025		mg/l	08/01/96	1461072
	FILTDUP	1460675	M040	Iron, Dissolved	< 0.025	uj	mg/l	10/12/95	1460537
	FILTERED	1460676	M040	Iron, Dissolved	0.062	j	mg/l	10/12/95	1460675
	FILTERED	1461247	M040	Iron, Dissolved	< 0.10		mg/l	08/01/96	1461072
	FILTDUP	1460675	M041	Mercury, Dissolved	< 0.20		ug/l	10/12/95	1460537
	FILTERED	1460676	M041	Mercury, Dissolved	< 0.20		ug/l	10/12/95	1460675
	FILTERED	1461247	M041	Mercury, Dissolved	< 0.20		mg/l	08/01/96	1461072
	FILTDUP	1460675	M042	Potassium, Dissolved	0.96	j	mg/l	10/12/95	1460537
	FILTERED	1460676	M042	Potassium, Dissolved	< 0.50	uj	mg/l	10/12/95	1460675
	FILTERED	1461247	M042	Potassium, Dissolved	< 5.0		mg/l	08/01/96	1461072
	FILTDUP	1460675	M044	Magnesium, Dissolved	0.10		mg/l	10/12/95	1460537
	FILTERED	1460676	M044	Magnesium, Dissolved	0.077		mg/l	10/12/95	1460675

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TABLE-22
Groundwater Analytical Results
Inorganic Parameters
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
GW-81-D								
			Metals - Dissolved					
	FILTERED 1461247	M044	Magnesium, Dissolved	< 5.0		mg/l	08/01/96	1461072
	FILTDUP 1460675	M045	Manganese, Dissolved	< 0.005		mg/l	10/12/95	1460537
	FILTERED 1460676	M045	Manganese, Dissolved	< 0.005	uj	mg/l	10/12/95	1460675
	FILTERED 1461247	M045	Manganese, Dissolved	< 0.015		mg/l	08/01/96	1461072
	FILTDUP 1460675	M047	Sodium, Dissolved	2.1		mg/l	10/12/95	1460537
	FILTERED 1460676	M047	Sodium, Dissolved	1.8		mg/l	10/12/95	1460675
	FILTERED 1461247	M047	Sodium, Dissolved	< 5.0		mg/l	08/01/96	1461072
	FILTDUP 1460675	M048	Lead, Dissolved	< 0.005		mg/l	10/12/95	1460537
	FILTERED 1460676	M048	Lead, Dissolved	< 0.005		mg/l	10/12/95	1460675
	FILTERED 1461247	M048	Lead, Dissolved	0.003		mg/l	08/01/96	1461072
	FILTDUP 1460675	M050	Selenium, Dissolved	< 0.005		mg/l	10/12/95	1460537
	FILTERED 1460676	M050	Selenium, Dissolved	< 0.005		mg/l	10/12/95	1460675
	FILTERED 1461247	M050	Selenium, Dissolved	< 0.005		mg/l	08/01/96	1461072
	FILTDUP 1460675	M053	Zinc, Dissolved	< 0.025		mg/l	10/12/95	1460537
	FILTERED 1460676	M053	Zinc, Dissolved	< 0.025		mg/l	10/12/95	1460675
	FILTERED 1461247	M053	Zinc, Dissolved	< 0.020		mg/l	08/01/96	1461072
	FILTDUP 1460675	M054	Aluminum, Dissolved	0.97		mg/l	10/12/95	1460537
	FILTERED 1460676	M054	Aluminum, Dissolved	0.82		mg/l	10/12/95	1460675
	FILTERED 1461247	M054	Aluminum, Dissolved	0.477		mg/l	08/01/96	1461072
	FILTDUP 1460675	M055	Cobalt, Dissolved	< 0.030		mg/l	10/12/95	1460537
	FILTERED 1460676	M055	Cobalt, Dissolved	< 0.030		mg/l	10/12/95	1460675
	FILTERED 1460676	M055	Cobalt, Dissolved	< 0.030		mg/l	10/12/95	1460675
	FILTERED 1461247	M055	Cobalt, Dissolved	< 0.050		mg/l	08/01/96	1461072
	FILTDUP 1460675	M059	Nickel, Dissolved	< 0.040		mg/l	10/12/95	1460537
	FILTERED 1460676	M059	Nickel, Dissolved	< 0.040		mg/l	10/12/95	1460675
	FILTERED 1461247	M059	Nickel, Dissolved	< 0.040		mg/l	08/01/96	1461072
	FILTDUP 1460675	M098	Thallium, Dissolved	< 0.010		mg/l	10/12/95	1460537
	FILTERED 1461247	M098	Thallium, Dissolved	< 0.010		mg/l	08/01/96	1461072
	FILTDUP 1460675	M099	Vanadium, Dissolved	< 0.025		mg/l	10/12/95	1460537
	FILTERED 1460676	M099	Vanadium, Dissolved	< 0.025		mg/l	10/12/95	1460675
	FILTERED 1461247	M099	Vanadium, Dissolved	< 0.050		mg/l	08/01/96	1461072
	FILTDUP 1460675	M100	Antimony, Dissolved	< 0.005		mg/l	10/12/95	1460537
	FILTERED 1460676	M100	Antimony, Dissolved	< 0.005		mg/l	10/12/95	1460675
	FILTERED 1461247	M100	Antimony, Dissolved	< 0.060		mg/l	08/01/96	1461072
	FILTDUP 1460675	M109	Trivalent Chromium, Dissolved	< 0.015	uj	mg/l	10/12/95	1460537
	FILTERED 1460676	M109	Trivalent Chromium, Dissolved	< 0.015	uj	mg/l	10/12/95	1460675
	FILTERED 1461247	M109	Trivalent Chromium, Dissolved	< 0.010		mg/l	08/01/96	1461072
	FILTERED 1460676	M111	Total Iron, Field	< 0.0		mg/l	10/12/95	1460675
	FILTERED 1460676	M112	Iron as Fe+2 - Field	< 0.0		mg/l	10/12/95	1460675
	FILTERED 1460676	M113	Iron as Fe+3 - Field	< 0.0		mg/l	10/12/95	1460675
			Inorganic Non-metals					
	FILTDUP 1460675	I005	Chloride	2		mg/l	10/12/95	1460537
	FILTERED 1460676	I005	Chloride	2		mg/l	10/12/95	1460675
	FILTERED 1461247	I005	Chloride	2.8		mg/l	08/01/96	1461072
	FILTDUP 1460675	I009	Nitrogen, Ammonia	0.21		mg/l	10/12/95	1460537
	DUP OF 1460676	I009	Nitrogen, Ammonia	0.21		mg/l	10/12/95	1460538
	FILTERED 1460676	I009	Nitrogen, Ammonia	0.20		mg/l	10/12/95	1460675
		I009	Nitrogen, Ammonia	0.30		mg/l	10/12/95	1460676
	FILTERED 1461247	I009	Nitrogen, Ammonia	< 0.040		mg/l	08/01/96	1461072
	FILTDUP 1460675	I012	Nitrate as N	1.6		mg/l	10/12/95	1460537
	FILTERED 1460676	I012	Nitrate as N	1.7		mg/l	10/12/95	1460675
	FILTERED 1461247	I012	Nitrate as N	1.68		mg/l	08/01/96	1461072
	FILTDUP 1460675	I014	Nitrite as N	0.45		mg/l	10/12/95	1460537
	FILTERED 1460676	I014	Nitrite as N	0.43		mg/l	10/12/95	1460675
	FILTERED 1461247	I014	Nitrite as N	< 0.005		mg/l	08/01/96	1461072
	FILTDUP 1460675	I017	Ortho Phosphate as Phosphorus	0.03		mg/l	10/12/95	1460537
	FILTERED 1460676	I017	Ortho Phosphate as Phosphorus	0.03		mg/l	10/12/95	1460675
	FILTERED 1461247	I017	Ortho Phosphate as Phosphorus	< 0.10		mg/l	08/01/96	1461072
	FILTDUP 1460675	I018	Sulfate as SO4	6		mg/l	10/12/95	1460537

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TABLE-22
Groundwater Analytical Results
Inorganic Parameters
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
GW-81-D								
			Inorganic Non-metals					
	FILTERED 1460676	I018	Sulfate as SO4	7		mg/l	10/12/95	1460675
	FILTERED 1461247	I018	Sulfate as SO4	8.6		mg/l	08/01/96	1461072
	FILTDUP 1460675	I026	Bicarbonate Alkalinity as CaCO3	< 20		mg/l	10/12/95	1460537
	FILTERED 1460676	I026	Bicarbonate Alkalinity as CaCO3	< 20		mg/l	10/12/95	1460675
	FILTERED 1461247	I026	Bicarbonate Alkalinity as CaCO3	24.0		mg/l	08/01/96	1461072
	FILTDUP 1460675	I027	Carbonate Alkalinity as CaCO3	25		mg/l	10/12/95	1460537
	FILTERED 1460676	I027	Carbonate Alkalinity as CaCO3	25		mg/l	10/12/95	1460675
	FILTERED 1461247	I027	Carbonate Alkalinity as CaCO3	< 1.00		mg/l	08/01/96	1461072
	FILTDUP 1460675	I030	Bromide	< 1		mg/l	10/12/95	1460537
	FILTERED 1460676	I030	Bromide	< 1		mg/l	10/12/95	1460675
	FILTERED 1461247	I030	Bromide	< 0.50		mg/l	08/01/96	1461072
	FILTDUP 1460675	I040	Silica as SiO2	2.7		mg/l	10/12/95	1460537
	DUP OF 1460676	I040	Silica as SiO2	3.0		mg/l	10/12/95	1460538
	FILTERED 1460676	I040	Silica as SiO2	2.4		mg/l	10/12/95	1460675
		I040	Silica as SiO2	2.8		mg/l	10/12/95	1460676
	FILTERED 1461247	I040	Silica as SiO2	2.050		mg/l	08/01/96	1461072
	FILTDUP 1460675	I044	Phosphorous	< 0.10	uj	mg/l	10/12/95	1460537
	FILTERED 1460676	I044	Phosphorous	< 0.10	uj	mg/l	10/12/95	1460675
	FILTERED 1461247	I044	Phosphorous	< 0.10		mg/l	08/01/96	1461072
	FILTDUP 1460675	I058	Sulfide	< 1		mg/l	10/12/95	1460537
	FILTERED 1460676	I058	Sulfide	< 1		mg/l	10/12/95	1460675
	FILTERED 1461247	I058	Sulfide	< 1.0		mg/l	08/01/96	1461072
		I059	Dissolved Oxygen, Field	3.9		mg/l	10/12/95	1460676
	FILTERED 1461247	I059	Dissolved Oxygen, Field	6.1		mg/l	08/01/96	1461072
		I060	Eh Field	+266		mv	10/12/95	1460676
	FILTERED 1460676	I067	Alkalinity - Field	102		mg/l	10/12/95	1[illegible]5
			Physical Properties					
	FILTDUP 1460675	F007	Total Dissolved Solids (TDS)	65		mg/l	10/12/95	1460537
	FILTERED 1460676	F007	Total Dissolved Solids (TDS)	63		mg/l	10/12/95	1460675
	FILTERED 1461247	F007	Total Dissolved Solids (TDS)	79.0		mg/l	08/01/96	1461072
	FILTDUP 1460675	F031	Viscosity	2.50		cpoise	10/12/95	1460537
	FILTERED 1460676	F031	Viscosity	3.00		cpoise	10/12/95	1460675
		F037	pH Field	10.68		Std. Un	10/19/95	1460600
		F037	pH Field	10.73		Std. Un	10/12/95	1460676
		F037	pH Field	9.47		Std. Un	08/01/96	1461247
		F062	Specific Conductance - Field	185		umhos	10/19/95	1460600
		F062	Specific Conductance - Field	183		umhos	10/12/95	1460676
		F064	Temperature - Field	15		deg. C	10/19/95	1460600
		F064	Temperature - Field	15.5		deg. C	10/12/95	1460676
		F064	Temperature - Field	18.0		deg. C	08/01/96	1461247
GW-82-D								
			Metals					
		M008	Chromium	< 0.010		mg/l	10/25/96	1461293
			Metals - Dissolved					
	FILTERED 1461293	M028	Arsenic, Dissolved	< 0.010		mg/l	10/25/96	1461242
	FILTERED 1461293	M029	Barium, Dissolved	< 0.20		mg/l	10/25/96	1461242
	FILTERED 1461293	M031	Beryllium, Dissolved	< 0.005		mg/l	10/25/96	1461242
	FILTERED 1461293	M032	Silver, Dissolved	< 0.010		mg/l	10/25/96	1461242
	FILTERED 1461293	M033	Calcium, Dissolved	50.4		mg/l	10/25/96	1461242
	FILTERED	M033	Calcium, Dissolved	51.2		mg/l	01/19/97	1461554
	FILTERED 1461293	M034	Cadmium, Dissolved	< 0.005		mg/l	10/25/96	1461242
	FILTERED 1461293	M036	Chromium, Dissolved	< 0.010		mg/l	10/25/96	1461242
	FILTERED	M036	Chromium, Dissolved	< 0.010		mg/l	01/19/97	1461554
	FILTERED 1461293	M037	Copper, Dissolved	< 0.025		mg/l	10/25/96	1461242
	FILTERED 1461293	M040	Iron, Dissolved	4.44		mg/l	10/25/96	1461242
	FILTERED	M040	Iron, Dissolved	6.70		mg/l	01/19/97	1461554
	FILTERED 1461293	M041	Mercury, Dissolved	< 0.2		ug/l	10/25/96	1461242
	FILTERED 1461293	M042	Potassium, Dissolved	< 5.0		mg/l	10/25/96	1461242

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TABLE-22
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Inorganic Parameters
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
GW-82-D								
			Metals - Dissolved					
	FILTERED	M042	Potassium, Dissolved	< 5.0		mg/l	01/19/97	1461554
	FILTERED 1461293	M044	Magnesium, Dissolved	15.7		mg/l	10/25/96	1461242
	FILTERED	M044	Magnesium, Dissolved	16.2		mg/l	01/19/97	1461554
	FILTERED 1461293	M045	Manganese, Dissolved	3.440		mg/l	10/25/96	1461242
	FILTERED 1461293	M047	Sodium, Dissolved	28.8		mg/l	10/25/96	1461242
	FILTERED	M047	Sodium, Dissolved	30.8		mg/l	01/19/97	1461554
	FILTERED 1461293	M048	Lead, Dissolved	< 0.003		mg/l	10/25/96	1461242
	FILTERED 1461293	M050	Selenium, Dissolved	< 0.005		mg/l	10/25/96	1461242
	FILTERED 1461293	M053	Zinc, Dissolved	< 0.02		mg/l	10/25/96	1461242
	FILTERED 1461293	M054	Aluminum, Dissolved	< 0.20		mg/l	10/25/96	1461242
	FILTERED 1461293	M055	Cobalt, Dissolved	< 0.05		mg/l	10/25/96	1461242
	FILTERED 1461293	M059	Nickel, Dissolved	< 0.04		mg/l	10/25/96	1461242
	FILTERED 1461293	M098	Thallium, Dissolved	< 0.01		mg/l	10/25/96	1461242
	FILTERED 1461293	M099	Vanadium, Dissolved	< 0.05		mg/l	10/25/96	1461242
	FILTERED 1461293	M100	Antimony, Dissolved	< 0.06		mg/l	10/25/96	1461242
			Inorganic Non-metals					
	FILTERED 1461293	I002	Total Alkalinity as CaCO3	66.0		mg/l	10/25/96	1461242
	FILTERED	I002	Total Alkalinity as CaCO3	58.0		mg/l	01/19/97	1461554
	FILTERED 1461293	I005	Chloride	102.		mg/l	10/25/96	1461242
	FILTERED	I005	Chloride	106		mg/l	01/19/97	1461554
	FILTERED 1461293	I007	Cyanide	< 0.010		mg/l	10/25/96	1461242
	FILTERED 1461293	I009	Nitrogen, Ammonia	0.28		mg/l	10/25/96	1461242
	FILTERED	I009	Nitrogen, Ammonia	0.20		mg/l	01/19/97	1461554
		I018	Sulfate as SO4	62.6		mg/l	09/30/96	1461202
	FILTERED 1461293	I018	Sulfate as SO4	112		mg/l	10/25/96	1461242
	FILTERED	I018	Sulfate as SO4	285		mg/l	01/19/97	1461554
	FILTERED 1461293	I027	Carbonate Alkalinity as CaCO3	< 2.00		mg/l	10/25/96	1461242
	FILTERED	I027	Carbonate Alkalinity as CaCO3	< 2.00		mg/l	01/19/97	1461554
		I059	Dissolved Oxygen, Field	1.4		mg/l	10/25/96	1461293
	FILTERED	I059	Dissolved Oxygen, Field	1.3		mg/l	01/19/97	1461554
	FILTERED 1461293	I070	Bicarbonate as HCO3	66.0		mg/l	10/25/96	1461242
	FILTERED	I070	Bicarbonate as HCO3	58.0		mg/l	01/19/97	1461554
			Physical Properties					
	FILTERED	F007	Total Dissolved Solids (TDS)	418		mg/l	01/19/97	1461554
	FILTERED 1461293	F009	pH Laboratory	6.38		Std. Un	10/25/96	1461242
	FILTERED	F009	pH Laboratory	6.51		Std. Un	01/19/97	1461554
	FILTERED 1461293	F010	Temperature	20.0		deg. C	10/25/96	1461242
	FILTERED	F010	Temperature	20.0		deg. C	01/19/97	1461554
		F037	pH Field	5.74		Std. Un	09/30/96	1461202
		F037	pH Field	6.48		Std. Un	10/25/96	1461293
	FILTERED	F037	pH Field	6.25		Std. Un	01/19/97	1461554
		F062	Specific Conductance - Field	546		umhos	09/30/96	1461202
		F062	Specific Conductance - Field	741		umhos	10/25/96	1461293
	FILTERED	F062	Specific Conductance - Field	664		umhos	01/19/97	1461554
		F064	Temperature - Field	11.0		deg. C	09/30/96	1461202
		F064	Temperature - Field	11.5		deg. C	10/25/96	1461293
	FILTERED	F064	Temperature - Field	8.3		deg. C	01/19/97	1461554
	FILTERED	F066	Specific Gravity, Field	0.99		g/ml	01/19/97	1461554
GW-82-S								
			Metals					
		M008	Chromium	< 0.010		mg/l	10/25/96	1461294
			Metals - Dissolved					
	FILTERED 1461294	M028	Arsenic, Dissolved	< 0.010		mg/l	10/25/96	1461241
	FILTERED 1461294	M029	Barium, Dissolved	< 0.20		mg/l	10/25/96	1461241
	FILTERED 1461294	M031	Beryllium, Dissolved	< 0.005		mg/l	10/25/96	1461241
	FILTERED 1461294	M032	Silver, Dissolved	< 0.010		mg/l	10/25/96	1461241
	FILTERED 1461294	M033	Calcium, Dissolved	24.8		mg/l	10/25/96	1461241
	FILTERED	M033	Calcium, Dissolved	24.2		mg/l	01/19/97	1461553

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Groundwater Analytical Results
Inorganic Parameters
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
GW-82-S								
			Metals - Dissolved					
	FILTERED 1461294	M034	Cadmium, Dissolved	< 0.005		mg/l	10/25/96	1461241
	FILTERED 1461294	M036	Chromium, Dissolved	< 0.010		mg/l	10/25/96	1461241
	FILTERED	M036	Chromium, Dissolved	< 0.010		mg/l	01/19/97	1461553
	FILTERED 1461294	M037	Copper, Dissolved	< 0.025		mg/l	10/25/96	1461241
	FILTERED 1461294	M040	Iron, Dissolved	< 0.10		mg/l	10/25/96	1461241
	FILTERED	M040	Iron, Dissolved	< 0.10		mg/l	01/19/97	1461553
	FILTERED 1461294	M041	Mercury, Dissolved	< 0.2		ug/l	10/25/96	1461241
	FILTERED 1461294	M042	Potassium, Dissolved	< 5.0		mg/l	10/25/96	1461241
	FILTERED	M042	Potassium, Dissolved	< 5.0		mg/l	01/19/97	1461553
	FILTERED 1461294	M044	Magnesium, Dissolved	< 5.00		mg/l	10/25/96	1461241
	FILTERED	M044	Magnesium, Dissolved	< 5.0		mg/l	01/19/97	1461553
	FILTERED 1461294	M045	Manganese, Dissolved	0.037		mg/l	10/25/96	1461241
	FILTERED 1461294	M047	Sodium, Dissolved	21.2		mg/l	10/25/96	1461241
	FILTERED	M047	Sodium, Dissolved	26.8		mg/l	01/19/97	1461553
	FILTERED 1461294	M048	Lead, Dissolved	< 0.003		mg/l	10/25/96	1461241
	FILTERED 1461294	M050	Selenium, Dissolved	< 0.005		mg/l	10/25/96	1461241
	FILTERED 1461294	M053	Zinc, Dissolved	< 0.02		mg/l	10/25/96	1461241
	FILTERED 1461294	M054	Aluminum, Dissolved	< 0.20		mg/l	10/25/96	1461241
	FILTERED 1461294	M055	Cobalt, Dissolved	< 0.05		mg/l	10/25/96	1461241
	FILTERED 1461294	M059	Nickel, Dissolved	< 0.04		mg/l	10/25/96	1461241
	FILTERED 1461294	M098	Thallium, Dissolved	< 0.01		mg/l	10/25/96	1461241
	FILTERED 1461294	M099	Vanadium, Dissolved	< 0.05		mg/l	10/25/96	1461241
	FILTERED 1461294	M100	Antimony, Dissolved	< 0.06		mg/l	10/25/96	1461241
			Inorganic Non-metals					
	FILTERED 1461294	I002	Total Alkalinity as CaCO3	66.0		mg/l	10/25/96	1461241
	FILTERED	I002	Total Alkalinity as CaCO3	53.4		mg/l	01/19/97	1[illegible]
	FILTERED 1461294	I005	Chloride	56.0		mg/l	10/25/96	1[illegible]
	FILTERED	I005	Chloride	52.5		mg/l	01/19/97	1461553
	FILTERED 1461294	I007	Cyanide	< 0.010		mg/l	10/25/96	1461241
	FILTERED 1461294	I009	Nitrogen, Ammonia	0.45		mg/l	10/25/96	1461241
	FILTERED	I009	Nitrogen, Ammonia	0.42		mg/l	01/19/97	1461553
		I018	Sulfate as SO4	34.2		mg/l	10/01/96	1461201
	FILTERED 1461294	I018	Sulfate as SO4	27.6		mg/l	10/25/96	1461241
	FILTERED	I018	Sulfate as SO4	41.9		mg/l	01/19/97	1461553
	FILTERED 1461294	I027	Carbonate Alkalinity as CaCO3	< 2.00		mg/l	10/25/96	1461241
	FILTERED	I027	Carbonate Alkalinity as CaCO3	< 2.00		mg/l	01/19/97	1461553
		I059	Dissolved Oxygen, Field	1.5		mg/l	10/25/96	1461294
	FILTERED	I059	Dissolved Oxygen, Field	0.8		mg/l	01/19/97	1461553
	FILTERED 1461294	I070	Bicarbonate as HCO3	66.0		mg/l	10/25/96	1461241
	FILTERED	I070	Bicarbonate as HCO3	53.4		mg/l	01/19/97	1461553
			Physical Properties					
	FILTERED 1461294	F009	pH Laboratory	6.33		Std. Un	10/25/96	1461241
	FILTERED	F009	pH Laboratory	6.46		Std. Un	01/19/97	1461553
	FILTERED 1461294	F010	Temperature	20.0		deg. C	10/25/96	1461241
	FILTERED	F010	Temperature	20.0		deg. C	01/19/97	1461553
		F037	pH Field	6.30		Std. Un	10/01/96	1461201
		F037	pH Field	6.19		Std. Un	10/25/96	1461294
	FILTERED	F037	pH Field	6.04		Std. Un	01/19/97	1461553
		F062	Specific Conductance - Field	385		umhos	10/01/96	1461201
		F062	Specific Conductance - Field	443		umhos	10/25/96	1461294
	FILTERED	F062	Specific Conductance - Field	371		umhos	01/19/97	1461553
		F064	Temperature - Field	11.4		deg. C	10/01/96	1461201
		F064	Temperature - Field	10.5		deg. C	10/25/96	1461294
	FILTERED	F064	Temperature - Field	7.8		deg. C	01/19/97	1461553
GW-83-D								
			Metals					
		M008	Chromium	0.131		mg/l	10/03/96	1461205
		M008	Chromium	0.074		mg/l	10/26/96	1461295

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Groundwater Analytical Results
Inorganic Parameters
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
GW-83-D								
			Metals - Dissolved					
	FILTERED 1461295	M028	Arsenic, Dissolved	0.06		mg/l	10/26/96	1461245
	FILTERED 1461295	M029	Barium, Dissolved	< 0.20		mg/l	10/26/96	1461245
	FILTERED 1461295	M031	Beryllium, Dissolved	0.021		mg/l	10/26/96	1461245
	FILTERED 1461295	M032	Silver, Dissolved	< 0.010		mg/l	10/26/96	1461245
	FILTERED 1461295	M033	Calcium, Dissolved	230		mg/l	10/26/96	1461245
	FILTERED	M033	Calcium, Dissolved	339		mg/l	01/20/97	1461557
	FILTERED 1461295	M034	Cadmium, Dissolved	< 0.005		mg/l	10/26/96	1461245
	FILTERED 1461295	M036	Chromium, Dissolved	0.074		mg/l	10/26/96	1461245
	FILTERED	M036	Chromium, Dissolved	0.087		mg/l	01/20/97	1461557
	FILTERED 1461295	M037	Copper, Dissolved	< 0.025		mg/l	10/26/96	1461245
	FILTERED 1461295	M040	Iron, Dissolved	1120		mg/l	10/26/96	1461245
	FILTERED	M040	Iron, Dissolved	1280		mg/l	01/20/97	1461557
	FILTERED 1461295	M041	Mercury, Dissolved	< 0.2		ug/l	10/26/96	1461245
	FILTERED 1461295	M042	Potassium, Dissolved	128		mg/l	10/26/96	1461245
	FILTERED	M042	Potassium, Dissolved	76.2		mg/l	01/20/97	1461557
	FILTERED 1461295	M044	Magnesium, Dissolved	295		mg/l	10/26/96	1461245
	FILTERED	M044	Magnesium, Dissolved	445		mg/l	01/20/97	1461557
	FILTERED 1461295	M045	Manganese, Dissolved	46.2		mg/l	10/26/96	1461245
	FILTERED 1461295	M047	Sodium, Dissolved	71.1		mg/l	10/26/96	1461245
	FILTERED	M047	Sodium, Dissolved	6120		mg/l	01/20/97	1461557
	FILTERED 1461295	M048	Lead, Dissolved	< 0.003		mg/l	10/26/96	1461245
	FILTERED 1461295	M050	Selenium, Dissolved	< 0.005		mg/l	10/26/96	1461245
	FILTERED 1461295	M053	Zinc, Dissolved	3.94		mg/l	10/26/96	1461245
	FILTERED 1461295	M054	Aluminum, Dissolved	27.8		mg/l	10/26/96	1461245
	FILTERED 1461295	M055	Cobalt, Dissolved	1.840		mg/l	10/26/96	1461245
	FILTERED 1461295	M059	Nickel, Dissolved	1.75		mg/l	10/26/96	1461245
	FILTERED 1461295	M098	Thallium, Dissolved	0.051		mg/l	10/26/96	1461245
	FILTERED 1461295	M099	Vanadium, Dissolved	< 0.05		mg/l	10/26/96	1461245
	FILTERED 1461295	M100	Antimony, Dissolved	< 0.06		mg/l	10/26/96	1461245
			Inorganic Non-metals					
	FILTERED 1461295	I002	Total Alkalinity as CaCO3	68.0		mg/l	10/26/96	1461245
	FILTERED	I002	Total Alkalinity as CaCO3	124		mg/l	01/20/97	1461557
	FILTERED 1461295	I005	Chloride	4690		mg/l	10/26/96	1461245
	FILTERED	I005	Chloride	4570		mg/l	01/20/97	1461557
	FILTERED 1461295	I007	Cyanide	< 0.010		mg/l	10/26/96	1461245
	FILTERED 1461295	I009	Nitrogen, Ammonia	1650		mg/l	10/26/96	1461245
	FILTERED	I009	Nitrogen, Ammonia	1150		mg/l	01/20/97	1461557
		I018	Sulfate as SO4	17300		mg/l	10/03/96	1461205
	FILTERED 1461295	I018	Sulfate as SO4	4280		mg/l	10/26/96	1461245
	FILTERED	I018	Sulfate as SO4	3910		mg/l	01/20/97	1461557
		I018	Sulfate as SO4	17600		mg/l	04/23/97	1461629
	FILTERED 1461295	I027	Carbonate Alkalinity as CaCO3	< 2.00		mg/l	10/26/96	1461245
	FILTERED	I027	Carbonate Alkalinity as CaCO3	< 2.00		mg/l	01/20/97	1461557
		I058	Sulfide	< 1.00		mg/l	04/23/97	1461629
		I059	Dissolved Oxygen, Field	2.1		mg/l	10/26/96	1461295
	FILTERED	I059	Dissolved Oxygen, Field	0.7		mg/l	01/20/97	1461557
	FILTERED 1461295	I070	Bicarbonate as HCO3	68.0		mg/l	10/26/96	1461245
	FILTERED	I070	Bicarbonate as HCO3	124		mg/l	01/20/97	1461557
			Physical Properties					
	FILTERED	F007	Total Dissolved Solids (TDS)	35500		mg/l	01/20/97	1461557
	FILTERED 1461295	F009	pH Laboratory	5.20		Std. Un	10/26/96	1461245
	FILTERED	F009	pH Laboratory	5.02		Std. Un	01/20/97	1461557
	FILTERED 1461295	F010	Temperature	20.0		deg. C	10/26/96	1461245
	FILTERED	F010	Temperature	20.0		deg. C	01/20/97	1461557
		F037	pH Field	4.88		Std. Un	10/03/96	1461205
		F037	pH Field	5.19		Std. Un	10/26/96	1461295
	FILTERED	F037	pH Field	5.08		Std. Un	01/20/97	1461557
		F037	pH Field	5.80		Std. Un	04/23/97	1461629
		F062	Specific Conductance - Field	34900		umhos	10/03/96	1461205

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Inorganic Parameters
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
GW-83-D								
			Physical Properties					
		F062	Specific Conductance - Field	37000		umhos	10/26/96	1461295
	FILTERED	F062	Specific Conductance - Field	33900		umhos	01/20/97	1461557
		F062	Specific Conductance - Field	38600		umhos	04/23/97	1461629
		F064	Temperature - Field	10.2		deg. C	10/03/96	1461205
		F064	Temperature - Field	10.9		deg. C	10/26/96	1461295
	FILTERED	F064	Temperature - Field	7.9		deg. C	01/20/97	1461557
		F064	Temperature - Field	10.2		deg. C	04/23/97	1461629
	FILTERED	F066	Specific Gravity, Field	1.02		g/ml	01/20/97	1461557
GW-83-M								
			Metals					
		M008	Chromium	< 0.010		mg/l	10/26/96	1461296
			Metals - Dissolved					
	FILTERED 1461296	M028	Arsenic, Dissolved	< 0.010		mg/l	10/26/96	1461244
	FILTERED 1461296	M029	Barium, Dissolved	< 0.20		mg/l	10/26/96	1461244
	FILTERED 1461296	M031	Beryllium, Dissolved	< 0.005		mg/l	10/26/96	1461244
	FILTERED 1461296	M032	Silver, Dissolved	< 0.010		mg/l	10/26/96	1461244
	FILTERED 1461296	M033	Calcium, Dissolved	32.6		mg/l	10/26/96	1461244
	FILTERED	M033	Calcium, Dissolved	28.6		mg/l	01/20/97	1461556
	FILTERED 1461296	M034	Cadmium, Dissolved	< 0.005		mg/l	10/26/96	1461244
	FILTERED 1461296	M036	Chromium, Dissolved	< 0.010		mg/l	10/26/96	1461244
	FILTERED	M036	Chromium, Dissolved	< 0.010		mg/l	01/20/97	1461556
	FILTERED 1461296	M037	Copper, Dissolved	< 0.025		mg/l	10/26/96	1461244
	FILTERED 1461296	M040	Iron, Dissolved	3.39		mg/l	10/26/96	1461244
	FILTERED	M040	Iron, Dissolved	1.93		mg/l	01/20/97	1461556
	FILTERED 1461296	M041	Mercury, Dissolved	< 0.2		ug/l	10/26/96	1[illegible]4
	FILTERED 1461296	M042	Potassium, Dissolved	< 5.0		mg/l	10/26/96	1[illegible]4
	FILTERED	M042	Potassium, Dissolved	< 5.0		mg/l	01/20/97	14[illegible]56
	FILTERED 1461296	M044	Magnesium, Dissolved	< 5.00		mg/l	10/26/96	1461244
	FILTERED	M044	Magnesium, Dissolved	< 5.0		mg/l	01/20/97	1461556
	FILTERED 1461296	M045	Manganese, Dissolved	2.290		mg/l	10/26/96	1461244
	FILTERED 1461296	M047	Sodium, Dissolved	57.5		mg/l	10/26/96	1461244
	FILTERED	M047	Sodium, Dissolved	71.9		mg/l	01/20/97	1461556
	FILTERED 1461296	M048	Lead, Dissolved	< 0.003		mg/l	10/26/96	1461244
	FILTERED 1461296	M050	Selenium, Dissolved	0.006		mg/l	10/26/96	1461244
	FILTERED 1461296	M053	Zinc, Dissolved	0.022		mg/l	10/26/96	1461244
	FILTERED 1461296	M054	Aluminum, Dissolved	< 0.20		mg/l	10/26/96	1461244
	FILTERED 1461296	M055	Cobalt, Dissolved	< 0.05		mg/l	10/26/96	1461244
	FILTERED 1461296	M059	Nickel, Dissolved	< 0.04		mg/l	10/26/96	1461244
	FILTERED 1461296	M098	Thallium, Dissolved	< 0.01		mg/l	10/26/96	1461244
	FILTERED 1461296	M099	Vanadium, Dissolved	< 0.05		mg/l	10/26/96	1461244
	FILTERED 1461296	M100	Antimony, Dissolved	< 0.06		mg/l	10/26/96	1461244
			Inorganic Non-metals					
	FILTERED 1461296	I002	Total Alkalinity as CaCO3	22.0		mg/l	10/26/96	1461244
	FILTERED	I002	Total Alkalinity as CaCO3	56.0		mg/l	01/20/97	1461556
	FILTERED 1461296	I005	Chloride	112		mg/l	10/26/96	1461244
	FILTERED	I005	Chloride	128		mg/l	01/20/97	1461556
	FILTERED 1461296	I007	Cyanide	< 0.010		mg/l	10/26/96	1461244
	FILTERED 1461296	I009	Nitrogen, Ammonia	8.29		mg/l	10/26/96	1461244
	FILTERED	I009	Nitrogen, Ammonia	31.0		mg/l	01/20/97	1461556
		I018	Sulfate as SO4	233		mg/l	10/04/96	1461204
	FILTERED 1461296	I018	Sulfate as SO4	225		mg/l	10/26/96	1461244
	FILTERED	I018	Sulfate as SO4	210		mg/l	01/20/97	1461556
	FILTERED 1461296	I027	Carbonate Alkalinity as CaCO3	< 2.00		mg/l	10/26/96	1461244
	FILTERED	I027	Carbonate Alkalinity as CaCO3	< 2.00		mg/l	01/20/97	1461556
		I059	Dissolved Oxygen, Field	1.8		mg/l	10/26/96	1461296
	FILTERED	I059	Dissolved Oxygen, Field	1.8		mg/l	01/20/97	1461556
	FILTERED 1461296	I070	Bicarbonate as HCO3	22.0		mg/l	10/26/96	1461244
	FILTERED	I070	Bicarbonate as HCO3	56.0		mg/l	01/20/97	1461556

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Inorganic Parameters
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
GW-83-M								
			Physical Properties					
	FILTERED	F007	Total Dissolved Solids (TDS)	461		mg/l	01/20/97	1461556
	FILTERED 1461296	F009	pH Laboratory	6.12		Std. Un	10/26/96	1461244
	FILTERED	F009	pH Laboratory	5.92		Std. Un	01/20/97	1461556
	FILTERED 1461296	F010	Temperature	20.0		deg. C	10/26/96	1461244
	FILTERED	F010	Temperature	20.0		deg. C	01/20/97	1461556
		F037	pH Field	5.49		Std. Un	10/04/96	1461204
		F037	pH Field	6.01		Std. Un	10/26/96	1461296
	FILTERED	F037	pH Field	5.43		Std. Un	01/20/97	1461556
		F062	Specific Conductance - Field	1010		umhos	10/04/96	1461204
		F062	Specific Conductance - Field	1070		umhos	10/26/96	1461296
	FILTERED	F062	Specific Conductance - Field	1030		umhos	01/20/97	1461556
		F064	Temperature - Field	11.5		deg. C	10/04/96	1461204
		F064	Temperature - Field	11.0		deg. C	10/26/96	1461296
	FILTERED	F064	Temperature - Field	8.9		deg. C	01/20/97	1461556
GW-83-S								
			Metals					
		M008	Chromium	< 0.010		mg/l	10/26/96	1461297
			Metals - Dissolved					
	FILTERED 1461297	M028	Arsenic, Dissolved	< 0.010		mg/l	10/26/96	1461243
	FILTERED 1461297	M029	Barium, Dissolved	< 0.20		mg/l	10/26/96	1461243
	FILTERED 1461297	M031	Beryllium, Dissolved	< 0.005		mg/l	10/26/96	1461243
	FILTERED 1461297	M032	Silver, Dissolved	< 0.010		mg/l	10/26/96	1461243
	FILTERED 1461297	M033	Calcium, Dissolved	27.0		mg/l	10/26/96	1461243
	FILTERED	M033	Calcium, Dissolved	26		mg/l	01/19/97	1461555
	FILTERED 1461297	M034	Cadmium, Dissolved	< 0.00		mg/l	10/26/96	1461243
	FILTERED 1461297	M036	Chromium, Dissolved	0.010		mg/l	10/26/96	1461243
	FILTERED	M036	Chromium, Dissolved	< 0.010		mg/l	01/19/97	1461555
	FILTERED 1461297	M037	Copper, Dissolved	< 0.025		mg/l	10/26/96	1461243
	FILTERED 1461297	M040	Iron, Dissolved	1.01		mg/l	10/26/96	1461243
	FILTERED	M040	Iron, Dissolved	< 0.10		mg/l	01/19/97	1461555
	FILTERED 1461297	M041	Mercury, Dissolved	< 0.2		ug/l	10/26/96	1461243
	FILTERED 1461297	M042	Potassium, Dissolved	< 5.0		mg/l	10/26/96	1461243
	FILTERED	M042	Potassium, Dissolved	< 5.0		mg/l	01/19/97	1461555
	FILTERED 1461297	M044	Magnesium, Dissolved	< 5.00		mg/l	10/26/96	1461243
	FILTERED	M044	Magnesium, Dissolved	< 5.0		mg/l	01/19/97	1461555
	FILTERED 1461297	M045	Manganese, Dissolved	0.214		mg/l	10/26/96	1461243
	FILTERED 1461297	M047	Sodium, Dissolved	46.5		mg/l	10/26/96	1461243
	FILTERED	M047	Sodium, Dissolved	55.4		mg/l	01/19/97	1461555
	FILTERED 1461297	M048	Lead, Dissolved	< 0.003		mg/l	10/26/96	1461243
	FILTERED 1461297	M050	Selenium, Dissolved	< 0.005		mg/l	10/26/96	1461243
	FILTERED 1461297	M053	Zinc, Dissolved	< 0.02		mg/l	10/26/96	1461243
	FILTERED 1461297	M054	Aluminum, Dissolved	< 0.20		mg/l	10/26/96	1461243
	FILTERED 146129/	M055	Cobalt, Dissolved	< 0.05		mg/l	10/26/96	1461243
	FILTERED 1461297	M059	Nickel, Dissolved	< 0.04		mg/l	10/26/96	1461243
	FILTERED 1461297	M098	Thallium, Dissolved	< 0.01		mg/l	10/26/96	1461243
	FILTERED 1461297	M099	Vanadium, Dissolved	< 0.05		mg/l	10/26/96	1461243
	FILTERED 1461297	M100	Antimony, Dissolved	< 0.06		mg/l	10/26/96	1461243
			Inorganic Non-metals					
	FILTERED 1461297	I002	Total Alkalinity as CaCO3	24.0		mg/l	10/26/96	1461243
	FILTERED	I002	Total Alkalinity as CaCO3	96.0		mg/l	01/19/97	1461555
	FILTERED 1461297	I005	Chloride	98.7		mg/l	10/26/96	1461243
	FILTERED	I005	Chloride	95.9		mg/l	01/19/97	1461555
	FILTERED 1461297	I007	Cyanide	< 0.010		mg/l	10/26/96	1461243
	FILTERED 1461297	I009	Nitrogen, Ammonia	2.38		mg/l	10/26/96	1461243
	FILTERED	I009	Nitrogen, Ammonia	2.34		mg/l	01/19/97	1461555
		I018	Sulfate as SO4	70.4		mg/l	10/04/96	1461203
	FILTERED 1461297	I018	Sulfate as SO4	70.0		mg/l	10/26/96	1461243
	FILTERED	I018	Sulfate as SO4	70.0		mg/l	01/19/97	1461555

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TABLE-22
Groundwater Analytical Results
Inorganic Parameters
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
GW-83-S								
			Inorganic Non-metals					
	FILTERED 1461297	I027	Carbonate Alkalinity as CaCO3	< 2.00		mg/l	10/26/96	1461243
	FILTERED	I027	Carbonate Alkalinity as CaCO3	< 2.00		mg/l	01/19/97	1461555
		I059	Dissolved Oxygen, Field	2.2		mg/l	10/26/96	1461297
	FILTERED	I059	Dissolved Oxygen, Field	1.4		mg/l	01/19/97	1461555
	FILTERED 1461297	I070	Bicarbonate as HCO3	24.0		mg/l	10/26/96	1461243
	FILTERED	I070	Bicarbonate as HCO3	96.0		mg/l	01/19/97	1461555
			Physical Properties					
	FILTERED	F007	Total Dissolved Solids (TDS)	300		mg/l	01/19/97	1461555
	FILTERED 1461297	F009	pH Laboratory	6.26		Std. Un	10/26/96	1461243
	FILTERED	F009	pH Laboratory	6.22		Std. Un	01/19/97	1461555
	FILTERED 1461297	F010	Temperature	20.0		deg. C	10/26/96	1461243
	FILTERED	F010	Temperature	20.0		deg. C	01/19/97	1461555
		F037	pH Field	5.64		Std. Un	10/04/96	1461203
		F037	pH Field	5.98		Std. Un	10/26/96	1461297
	FILTERED	F037	pH Field	5.57		Std. Un	01/19/97	1461555
		F062	Specific Conductance - Field	594		umhos	10/04/96	1461203
		F062	Specific Conductance - Field	609		umhos	10/26/96	1461297
	FILTERED	F062	Specific Conductance - Field	539		umhos	01/19/97	1461555
		F064	Temperature - Field	9.2		deg. C	10/04/96	1461203
		F064	Temperature - Field	11.3		deg. C	10/26/96	1461297
	FILTERED	F064	Temperature - Field	7.4		deg. C	01/19/97	1461555
GW-84-D								
			Metals					
		M008	Chromium	< 0.010		mg/l	12/20/96	1461416
	DUP OF 1461416	M008	Chromium	< 0.01		mg/l	12/20/96	14[illegible]
			Metals - Dissolved					
	FILTERED 1461416	M028	Arsenic, Dissolved	< 0.01		mg/l	12/20/96	14[illegible]
	FILTDUP 1461420	M028	Arsenic, Dissolved	< 0.01		mg/l	12/20/96	1461421
	FILTERED 1461416	M029	Barium, Dissolved	< 0.2		mg/l	12/20/96	1461420
	FILTDUP 1461420	M029	Barium, Dissolved	< 0.2		mg/l	12/20/96	1461421
	FILTERED 1461416	M031	Beryllium, Dissolved	< 0.005		mg/l	12/20/96	1461420
	FILTDUP 1461420	M031	Beryllium, Dissolved	< 0.005		mg/l	12/20/96	1461421
	FILTERED 1461416	M032	Silver, Dissolved	< 0.01		mg/l	12/20/96	1461420
	FILTDUP 1461420	M032	Silver, Dissolved	< 0.01		mg/l	12/20/96	1461421
	FILTERED 1461416	M033	Calcium, Dissolved	317		mg/l	12/20/96	1461420
	FILTDUP 1461420	M033	Calcium, Dissolved	312		mg/l	12/20/96	1461421
	FILTERED	M033	Calcium, Dissolved	319		mg/l	01/20/97	1461559
	FILTDUP 1461559	M033	Calcium, Dissolved	312		mg/l	01/20/97	1461560
	FILTERED	M033	Calcium, Dissolved	313		mg/l	04/24/97	1461646
	FILTDUP 1461646	M033	Calcium, Dissolved	437		mg/l	04/24/97	1461649
	FILTERED 1461416	M034	Cadmium, Dissolved	< 0.005		mg/l	12/20/96	1461420
	FILTDUP 1461420	M034	Cadmium, Dissolved	< 0.005		mg/l	12/20/96	1461421
	FILTERED 1461354	M036	Chromium, Dissolved	< 0.010		mg/l	11/20/96	1461360
	FILTERED 1461416	M036	Chromium, Dissolved	< 0.01		mg/l	12/20/96	1461420
	FILTDUP 1461420	M036	Chromium, Dissolved	< 0.01		mg/l	12/20/96	1461421
	FILTERED	M036	Chromium, Dissolved	< 0.010		mg/l	01/20/97	1461559
	FILTDUP 1461559	M036	Chromium, Dissolved	< 0.010		mg/l	01/20/97	1461560
	FILTERED	M036	Chromium, Dissolved	< 0.010		mg/l	04/24/97	1461646
	FILTDUP 1461646	M036	Chromium, Dissolved	< 0.010		mg/l	04/24/97	1461649
	FILTERED 1461416	M037	Copper, Dissolved	< 0.025		mg/l	12/20/96	1461420
	FILTDUP 1461420	M037	Copper, Dissolved	< 0.025		mg/l	12/20/96	1461421
	FILTERED 1461416	M040	Iron, Dissolved	4.04		mg/l	12/20/96	1461420
	FILTDUP 1461420	M040	Iron, Dissolved	4.09		mg/l	12/20/96	1461421
	FILTERED	M040	Iron, Dissolved	2.86		mg/l	01/20/97	1461559
	FILTDUP 1461559	M040	Iron, Dissolved	2.73		mg/l	01/20/97	1461560
	FILTERED	M040	Iron, Dissolved	2.01	E	mg/l	04/24/97	1461646
	FILTDUP 1461646	M040	Iron, Dissolved	2.65	E	mg/l	04/24/97	1461649
	FILTERED 1461416	M041	Mercury, Dissolved	< 0.2		ug/l	12/20/96	1461420

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TABLE-22
Groundwater Analytical Results
Inorganic Parameters
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID		Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
GW-84-D									
				Metals - Dissolved					
	FILTDUP	1461420	M041	Mercury, Dissolved	< 0.20		ug/l	12/20/96	1461421
	FILTERED	1461416	M042	Potassium, Dissolved	51.2		mg/l	12/20/96	1461420
	FILTDUP	1461420	M042	Potassium, Dissolved	50.1		mg/l	12/20/96	1461421
	FILTERED		M042	Potassium, Dissolved	27.9		mg/l	01/20/97	1461559
	FILTDUP	1461559	M042	Potassium, Dissolved	27.3		mg/l	01/20/97	1461560
	FILTERED		M042	Potassium, Dissolved	56.6		mg/l	04/24/97	1461646
	FILTDUP	1461646	M042	Potassium, Dissolved	55.9		mg/l	04/24/97	1461649
	FILTERED	1461416	M044	Magnesium, Dissolved	152		mg/l	12/20/96	1461420
	FILTDUP	1461420	M044	Magnesium, Dissolved	151		mg/l	12/20/96	1461421
	FILTERED		M044	Magnesium, Dissolved	154		mg/l	01/20/97	1461559
	FILTDUP	1461559	M044	Magnesium, Dissolved	151		mg/l	01/20/97	1461560
	FILTERED	1461416	M045	Manganese, Dissolved	39.2		mg/l	12/20/96	1461420
	FILTDUP	1461420	M045	Manganese, Dissolved	38.4		mg/l	12/20/96	1461421
	FILTERED		M045	Manganese, Dissolved	36.3		mg/l	04/24/97	1461646
	FILTDUP	1461646	M045	Manganese, Dissolved	48.5		mg/l	04/24/97	1461649
	FILTERED	1461416	M047	Sodium, Dissolved	270		mg/l	12/20/96	1461420
	FILTDUP	1461420	M047	Sodium, Dissolved	252		mg/l	12/20/96	1461421
	FILTERED		M047	Sodium, Dissolved	1020		mg/l	01/20/97	1461559
	FILTDUP	1461559	M047	Sodium, Dissolved	994		mg/l	01/20/97	1461560
	FILTERED		M047	Sodium, Dissolved	207		mg/l	04/24/97	1461646
	FILTDUP	1461646	M047	Sodium, Dissolved	230		mg/l	04/24/97	1461649
	FILTERED	1461416	M048	Lead, Dissolved	< 0.003		mg/l	12/20/96	1461420
	FILTDUP	1461420	M048	Lead, Dissolved	< 0.003		mg/l	12/20/96	1461421
	FILTERED	1461416	M050	Selenium, Dissolved	< 0.005	*	mg/l	12/20/96	1461420
	FILTDUP	1461420	M050	Selenium, Dissolved	< 0.005	*	mg/l	12/20/96	1461421
	FILTERED	1461416	M053	Zinc, Dissolved	0.106		mg/l	12/20/96	1461420
	FILTDUP	1461420	M053	Zinc, Dissolved	0.109		mg/l	12/20/96	1461421
	FILTERED	1461416	M054	Aluminum, Dissolved	< 0.2		mg/l	12/20/96	1461420
	FILTDUP	1461420	M054	Aluminum, Dissolved	< 0.2		mg/l	12/20/96	1461421
	FILTERED	1461416	M055	Cobalt, Dissolved	0.221		mg/l	12/20/96	1461420
	FILTDUP	1461420	M055	Cobalt, Dissolved	0.218		mg/l	12/20/96	1461421
	FILTERED	1461416	M059	Nickel, Dissolved	0.255		mg/l	12/20/96	1461420
	FILTDUP	1461420	M059	Nickel, Dissolved	0.249		mg/l	12/20/96	1461421
	FILTERED	1461416	M098	Thallium, Dissolved	< 0.01		mg/l	12/20/96	1461420
	FILTDUP	1461420	M098	Thallium, Dissolved	< 0.01		mg/l	12/20/96	1461421
	FILTERED	1461416	M099	Vanadium, Dissolved	< 0.05		mg/l	12/20/96	1461420
	FILTDUP	1461420	M099	Vanadium, Dissolved	< 0.05		mg/l	12/20/96	1461421
	FILTERED	1461416	M100	Antimony, Dissolved	< 0.06		mg/l	12/20/96	1461420
	FILTDUP	1461420	M100	Antimony, Dissolved	< 0.06		mg/l	12/20/96	1461421
				Inorganic Non-metals					
	FILTERED	1461416	I002	Total Alkalinity as CaCO3	334		mg/l	12/20/96	1461420
	FILTDUP	1461420	I002	Total Alkalinity as CaCO3	330		mg/l	12/20/96	1461421
	FILTERED		I002	Total Alkalinity as CaCO3	350		mg/l	01/20/97	1461559
	FILTDUP	1461559	I002	Total Alkalinity as CaCO3	342		mg/l	01/20/97	1461560
	FILTERED		I002	Total Alkalinity as CaCO3	368		mg/l	04/24/97	1461646
	FILTDUP	1461646	I002	Total Alkalinity as CaCO3	376		mg/l	04/24/97	1461649
	FILTERED	1461354	I005	Chloride	692		mg/l	11/20/96	1461360
	FILTERED	1461416	I005	Chloride	848		mg/l	12/20/96	1461420
	FILTDUP	1461420	I005	Chloride	849		mg/l	12/20/96	1461421
	FILTERED		I005	Chloride	979		mg/l	01/20/97	1461559
	FILTDUP	1461559	I005	Chloride	946		mg/l	01/20/97	1461560
	FILTERED		I005	Chloride	1040		mg/l	04/24/97	1461646
	FILTDUP	1461646	I005	Chloride	1080		mg/l	04/24/97	1461649
	FILTERED	1461416	I007	Cyanide	< 0.010		mg/l	12/20/96	1461420
	FILTDUP	1461420	I007	Cyanide	< 0.010		mg/l	12/20/96	1461421
	FILTERED	1461354	I009	Nitrogen, Ammonia	100		mg/l	11/20/96	1461360
	FILTERED	1461416	I009	Nitrogen, Ammonia	120		mg/l	12/20/96	1461420
	FILTDUP	1461420	I009	Nitrogen, Ammonia	126		mg/l	12/20/96	1461421
	FILTERED		I009	Nitrogen, Ammonia	126		mg/l	01/20/97	1461559

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Groundwater Analytical Results
Inorganic Parameters
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
GW-84-D								
			Inorganic Non-metals					
	FILTDUP 1461559	I009	Nitrogen, Ammonia	133		mg/l	01/20/97	1461560
	FILTERED	I009	Nitrogen, Ammonia	163		mg/l	04/24/97	1461646
	FILTDUP 1461646	I009	Nitrogen, Ammonia	171		mg/l	04/24/97	1461649
	FILTERED 1461354	I018	Sulfate as SO4	2810		mg/l	11/20/96	1461360
		I018	Sulfate as SO4	1980		mg/l	11/12/96	1461364
	FILTERED 1461416	I018	Sulfate as SO4	3430		mg/l	12/20/96	1461420
	FILTDUP 1461420	I018	Sulfate as SO4	3500		mg/l	12/20/96	1461421
	FILTERED	I018	Sulfate as SO4	3370		mg/l	01/20/97	1461559
	FILTDUP 1461559	I018	Sulfate as SO4	3360		mg/l	01/20/97	1461560
	FILTERED	I018	Sulfate as SO4	3730		mg/l	04/24/97	1461646
	FILTDUP 1461646	I018	Sulfate as SO4	3750		mg/l	04/24/97	1461649
	FILTERED 1461416	I027	Carbonate Alkalinity as CaCO3	< 2.00		mg/l	12/20/96	1461420
	FILTDUP 1461420	I027	Carbonate Alkalinity as CaCO3	< 2.00		mg/l	12/20/96	1461421
	FILTERED	I027	Carbonate Alkalinity as CaCO3	< 2.00		mg/l	01/20/97	1461559
	FILTDUP 1461559	I027	Carbonate Alkalinity as CaCO3	< 2.00		mg/l	01/20/97	1461560
	FILTERED	I027	Carbonate Alkalinity as CaCO3	< 2.00		mg/l	04/24/97	1461646
	FILTDUP 1461646	I027	Carbonate Alkalinity as CaCO3	< 2.00		mg/l	04/24/97	1461649
		I059	Dissolved Oxygen, Field	1.6		mg/l	11/20/96	1461354
	FILTERED	I059	Dissolved Oxygen, Field	1.3		mg/l	01/20/97	1461559
	FILTERED 1461416	I070	Bicarbonate as HCO3	334		mg/l	12/20/96	1461420
	FILTDUP 1461420	I070	Bicarbonate as HCO3	330		mg/l	12/20/96	1461421
	FILTERED	I070	Bicarbonate as HCO3	350		mg/l	01/20/97	1461559
	FILTDUP 1461559	I070	Bicarbonate as HCO3	342		mg/l	01/20/97	1461560
	FILTERED	I070	Bicarbonate as HCO3	368		mg/l	04/24/97	1461646
	FILTDUP 1461646	I070	Bicarbonate as HCO3	376		mg/l	04/24/97	1461649
			Physical Properties					
	FILTERED	F007	Total Dissolved Solids (TDS)	6790		mg/l	01/20/97	1[illegible]9
	FILTDUP 1461559	F007	Total Dissolved Solids (TDS)	6500		mg/l	01/20/97	14[illegible]0
	FILTERED	F007	Total Dissolved Solids (TDS)	6910		mg/l	04/24/97	1461646
	FILTDUP 1461646	F007	Total Dissolved Solids (TDS)	7270		mg/l	04/24/97	1461649
	FILTERED 1461416	F009	pH Laboratory	6.96		Std. Un	12/20/96	1461420
	FILTDUP 1461420	F009	pH Laboratory	6.98		Std. Un	12/20/96	1461421
	FILTERED	F009	pH Laboratory	6.43		Std. Un	01/20/97	1461559
	FILTDUP 1461559	F009	pH Laboratory	6.51		Std. Un	01/20/97	1461560
	FILTERED	F009	pH Laboratory	6.61		Std. Un	04/24/97	1461646
	FILTDUP 1461646	F009	pH Laboratory	6.63		Std. Un	04/24/97	1461649
	FILTERED 1461416	F010	Temperature	20.0		deg. C	12/20/96	1461420
	FILTDUP 1461420	F010	Temperature	20		deg. C	12/20/96	1461421
	FILTERED	F010	Temperature	20.0		deg. C	01/20/97	1461559
	FILTDUP 1461559	F010	Temperature	20.0		deg. C	01/20/97	1461560
	FILTERED	F010	Temperature	20.0		deg. C	04/24/97	1461646
	FILTDUP 1461646	F010	Temperature	20.0		deg. C	04/24/97	1461649
		F037	pH Field	6.35		Std. Un	11/20/96	1461354
		F037	pH Field	6.57		Std. Un	11/12/96	1461364
		F037	pH Field	6.36		Std. Un	12/20/96	1461416
	FILTERED	F037	pH Field	6.27		Std. Un	01/20/97	1461559
	FILTERED	F037	pH Field	6.47		Std. Un	04/24/97	1461646
		F062	Specific Conductance - Field	6970		umhos	11/20/96	1461354
		F062	Specific Conductance - Field	5950		umhos	11/12/96	1461364
		F062	Specific Conductance - Field	6390		umhos	12/20/96	1461416
	FILTERED	F062	Specific Conductance - Field	8540		umhos	01/20/97	1461559
	FILTERED	F062	Specific Conductance - Field	8860		umhos	04/24/97	1461646
		F064	Temperature - Field	10.20		deg. C	11/20/96	1461354
		F064	Temperature - Field	9.6		deg. C	11/12/96	1461364
		F064	Temperature - Field	9.5		deg. C	12/20/96	1461416
	FILTERED	F064	Temperature - Field	8.2		deg. C	01/20/97	1461559
	FILTERED	F064	Temperature - Field	9.3		deg. C	04/24/97	1461646
	FILTERED	F066	Specific Gravity, Field	1.00		g/ml	01/20/97	1461559
	FILTERED 1461416	I059	Dissolved Oxygen, Field	0.8		mg/l	12/20/96	1461420

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TABLE-22
Groundwater Analytical Results
Inorganic Parameters
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
GW-84-M								
			Metals					
		M008	Chromium	< 0.010		mg/l	12/20/96	1461415
			Metals - Dissolved					
	FILTERED 1461415	M028	Arsenic, Dissolved	< 0.01		mg/l	12/20/96	1461419
	FILTERED 1461415	M029	Barium, Dissolved	< 0.2		mg/l	12/20/96	1461419
	FILTERED 1461415	M031	Beryllium, Dissolved	< 0.005		mg/l	12/20/96	1461419
	FILTERED 1461415	M032	Silver, Dissolved	< 0.01		mg/l	12/20/96	1461419
	FILTERED 1461415	M033	Calcium, Dissolved	40.1		mg/l	12/20/96	1461419
	FILTERED	M033	Calcium, Dissolved	35.7		mg/l	01/22/97	1461565
	FILTERED	M033	Calcium, Dissolved	41.9		mg/l	04/24/97	1461645
	FILTERED 1461415	M034	Cadmium, Dissolved	< 0.005		mg/l	12/20/96	1461419
	FILTERED 1461353	M036	Chromium, Dissolved	< 0.010		mg/l	11/20/96	1461359
	FILTERED 1461415	M036	Chromium, Dissolved	< 0.01		mg/l	12/20/96	1461419
	FILTERED	M036	Chromium, Dissolved	< 0.010		mg/l	01/22/97	1461565
	FILTERED	M036	Chromium, Dissolved	< 0.010		mg/l	04/24/97	1461645
	FILTERED 1461415	M037	Copper, Dissolved	< 0.025		mg/l	12/20/96	1461419
	FILTERED 1461415	M040	Iron, Dissolved	< 0.10		mg/l	12/20/96	1461419
	FILTERED	M040	Iron, Dissolved	< 0.10		mg/l	01/22/97	1461565
	FILTERED	M040	Iron, Dissolved	< 0.10	E	mg/l	04/24/97	1461645
	FILTERED 1461415	M041	Mercury, Dissolved	< 0.20		ug/l	12/20/96	1461419
	FILTERED 1461415	M042	Potassium, Dissolved	< 5.0		mg/l	12/20/96	1461419
	FILTERED	M042	Potassium, Dissolved	< 5.0		mg/l	01/22/97	1461565
	FILTERED	M042	Potassium, Dissolved	< 5.0		mg/l	04/24/97	1461645
	FILTERED 1461415	M044	Magnesium, Dissolved	7.04		mg/l	12/20/96	1461419
	FILTERED	M044	Magnesium, Dissolved	6.38		mg/l	01/22/97	1461565
	FILTERED 1461415	M045	Manganese, Dissolved	0.065		mg/l	12/20/96	1461419
	FILTERED	M045	Manganese, Dissolved	0.018		mg/l	04/24/97	1461645
	FILTERED 1461415	M047	Sodium, Dissolved	51.2		mg/l	12/20/96	1461419
	FILTERED	M047	Sodium, Dissolved	54.5		mg/l	01/22/97	1461565
	FILTERED	M047	Sodium, Dissolved	50.6		mg/l	04/24/97	1461645
	FILTERED 1461415	M048	Lead, Dissolved	< 0.003		mg/l	12/20/96	1461419
	FILTERED 1461415	M050	Selenium, Dissolved	< 0.005	*	mg/l	12/20/96	1461419
	FILTERED 1461415	M053	Zinc, Dissolved	< 0.02		mg/l	12/20/96	1461419
	FILTERED 1461415	M054	Aluminum, Dissolved	< 0.2		mg/l	12/20/96	1461419
	FILTERED 1461415	M055	Cobalt, Dissolved	< 0.05		mg/l	12/20/96	1461419
	FILTERED 1461415	M059	Nickel, Dissolved	< 0.04		mg/l	12/20/96	1461419
	FILTERED 1461415	M098	Thallium, Dissolved	< 0.01		mg/l	12/20/96	1461419
	FILTERED 1461415	M099	Vanadium, Dissolved	< 0.05		mg/l	12/20/96	1461419
	FILTERED 1461415	M100	Antimony, Dissolved	< 0.06		mg/l	12/20/96	1461419
			Inorganic Non-metals					
	FILTERED 1461415	I002	Total Alkalinity as CaCO3	31.2		mg/l	12/20/96	1461419
	FILTERED	I002	Total Alkalinity as CaCO3	34.2		mg/l	01/22/97	1461565
	FILTERED	I002	Total Alkalinity as CaCO3	31.0		mg/l	04/24/97	1461645
	FILTERED 1461353	I005	Chloride	156		mg/l	11/20/96	1461359
	FILTERED 1461415	I005	Chloride	155		mg/l	12/20/96	1461419
	FILTERED	I005	Chloride	156		mg/l	01/22/97	1461565
	FILTERED	I005	Chloride	159		mg/l	04/24/97	1461645
	FILTERED 1461415	I007	Cyanide	< 0.010		mg/l	12/20/96	1461419
	FILTERED 1461353	I009	Nitrogen, Ammonia	0.084		mg/l	11/20/96	1461359
	FILTERED 1461415	I009	Nitrogen, Ammonia	0.041		mg/l	12/20/96	1461419
	FILTERED	I009	Nitrogen, Ammonia	< 0.040		mg/l	01/22/97	1461565
	FILTERED	I009	Nitrogen, Ammonia	0.091		mg/l	04/24/97	1461645
	FILTERED 1461353	I018	Sulfate as SO4	32.9		mg/l	11/20/96	1461359
		I018	Sulfate as SO4	31		mg/l	11/12/96	1461365
	FILTERED 1461415	I018	Sulfate as SO4	31.3		mg/l	12/20/96	1461419
	FILTERED	I018	Sulfate as SO4	30.4		mg/l	01/22/97	1461565
	FILTERED	I018	Sulfate as SO4	27.9		mg/l	04/24/97	1461645
	FILTERED 1461415	I027	Carbonate Alkalinity as CaCO3	< 2.00		mg/l	12/20/96	1461419
	FILTERED	I027	Carbonate Alkalinity as CaCO3	< 2.00		mg/l	01/22/97	1461565
	FILTERED	I027	Carbonate Alkalinity as CaCO3	< 2.00		mg/l	04/24/97	1461645

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Inorganic Parameters
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
GW-84-M								
			Inorganic Non-metals					
		I059	Dissolved Oxygen, Field	3.3		mg/l	11/20/96	1461353
	FILTERED	I059	Dissolved Oxygen, Field	2.6		mg/l	01/22/97	1461565
	FILTERED 1461415	I070	Bicarbonate as HCO3	31.2		mg/l	12/20/96	1461419
	FILTERED	I070	Bicarbonate as HCO3	34.2		mg/l	01/22/97	1461565
	FILTERED	I070	Bicarbonate as HCO3	31.0		mg/l	04/24/97	1461645
			Physical Properties					
	FILTERED	F007	Total Dissolved Solids (TDS)	3240		mg/l	01/22/97	1461565
	FILTERED	F007	Total Dissolved Solids (TDS)	436		mg/l	04/24/97	1461645
	FILTERED 1461415	F009	pH Laboratory	6.91		Std. Un	12/20/96	1461419
	FILTERED	F009	pH Laboratory	6.48		Std. Un	01/22/97	1461565
	FILTERED	F009	pH Laboratory	6.54		Std. Un	04/24/97	1461645
	FILTERED 1461415	F010	Temperature	20.0		deg. C	12/20/96	1461419
	FILTERED	F010	Temperature	20.0		deg. C	01/22/97	1461565
	FILTERED	F010	Temperature	20.0		deg. C	04/24/97	1461645
		F037	pH Field	5.96		Std. Un	11/20/96	1461353
		F037	pH Field	6.18		Std. Un	11/12/96	1461365
		F037	pH Field	6.05		Std. Un	12/20/96	1461415
	FILTERED	F037	pH Field	6.02		Std. Un	01/22/97	1461565
	FILTERED	F037	pH Field	6.00		Std. Un	04/24/97	1461645
		F062	Specific Conductance - Field	655		umhos	11/20/96	1461353
		F062	Specific Conductance - Field	907		umhos	11/12/96	1461365
		F062	Specific Conductance - Field	538		umhos	12/20/96	1461415
	FILTERED	F062	Specific Conductance - Field	653		umhos	01/22/97	1461565
	FILTERED	F062	Specific Conductance - Field	679		umhos	04/24/97	1461645
		F064	Temperature - Field	9.60		deg. C	11/20/96	1461353
		F064	Temperature - Field	8.3		deg. C	11/12/96	1[illegible]5
		F064	Temperature - Field	9.6		deg. C	12/20/96	1[illegible]5
	FILTERED	F064	Temperature - Field	8.8		deg. C	01/22/97	14[illegible]5
	FILTERED	F064	Temperature - Field	8.4		deg. C	04/24/97	1461645
	FILTERED 1461415	I059	Dissolved Oxygen, Field	2.3		mg/l	12/20/96	1461419
GW-84-S								
			Metals					
		M008	Chromium	< 0.010		mg/l	12/20/96	1461414
			Metals - Dissolved					
	FILTERED 1461414	M028	Arsenic, Dissolved	< 0.01		mg/l	12/20/96	1461418
	FILTERED 1461414	M029	Barium, Dissolved	< 0.2		mg/l	12/20/96	1461418
	FILTERED 1461414	M031	Beryllium, Dissolved	< 0.005		mg/l	12/20/96	1461418
	FILTERED 1461414	M032	Silver, Dissolved	< 0.01		mg/l	12/20/96	1461418
	FILTERED 1461414	M033	Calcium, Dissolved	21.1		mg/l	12/20/96	1461418
	FILTERED	M033	Calcium, Dissolved	20.6		mg/l	01/20/97	1461558
	FILTERED 1461414	M034	Cadmium, Dissolved	< 0.005		mg/l	12/20/96	1461418
	FILTERED 1461352	M036	Chromium, Dissolved	< 0.010		mg/l	11/20/96	1461358
	FILTERED 1461414	M036	Chromium, Dissolved	< 0.01		mg/l	12/20/96	1461418
	FILTERED	M036	Chromium, Dissolved	< 0.010		mg/l	01/20/97	1461558
	FILTERED 1461414	M037	Copper, Dissolved	< 0.025		mg/l	12/20/96	1461418
	FILTERED 1461414	M040	Iron, Dissolved	0.189		mg/l	12/20/96	1461418
	FILTERED	M040	Iron, Dissolved	0.198		mg/l	01/20/97	1461558
	FILTERED 1461414	M041	Mercury, Dissolved	0.25		ug/l	12/20/96	1461418
	FILTERED 1461414	M042	Potassium, Dissolved	< 5.0		mg/l	12/20/96	1461418
	FILTERED	M042	Potassium, Dissolved	< 5.0		mg/l	01/20/97	1461558
	FILTERED 1461414	M044	Magnesium, Dissolved	< 5.0		mg/l	12/20/96	1461418
	FILTERED	M044	Magnesium, Dissolved	< 5.0		mg/l	01/20/97	1461558
	FILTERED 1461414	M045	Manganese, Dissolved	0.089		mg/l	12/20/96	1461418
	FILTERED 1461414	M047	Sodium, Dissolved	26.6		mg/l	12/20/96	1461418
	FILTERED	M047	Sodium, Dissolved	31		mg/l	01/20/97	1461558
	FILTERED 1461414	M048	Lead, Dissolved	< 0.003		mg/l	12/20/96	1461418
	FILTERED 1461414	M050	Selenium, Dissolved	< 0.005	*	mg/l	12/20/96	1461418
	FILTERED 1461414	M053	Zinc, Dissolved	< 0.02		mg/l	12/20/96	1461418

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Groundwater Analytical Results
Inorganic Parameters
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
GW-84-S								
			Metals - Dissolved					
	FILTERED 1461414	M054	Aluminum, Dissolved	< 0.2		mg/l	12/20/96	1461418
	FILTERED 1461414	M055	Cobalt, Dissolved	< 0.05		mg/l	12/20/96	1461418
	FILTERED 1461414	M059	Nickel, Dissolved	< 0.04		mg/l	12/20/96	1461418
	FILTERED 1461414	M098	Thallium, Dissolved	< 0.01		mg/l	12/20/96	1461418
	FILTERED 1461414	M099	Vanadium, Dissolved	< 0.05		mg/l	12/20/96	1461418
	FILTERED 1461414	M100	Antimony, Dissolved	< 0.06		mg/l	12/20/96	1461418
			Inorganic Non-metals					
	FILTERED 1461414	I002	Total Alkalinity as CaCO3	22.2		mg/l	12/20/96	1461418
	FILTERED	I002	Total Alkalinity as CaCO3	14.0		mg/l	01/20/97	1461558
	FILTERED 1461352	I005	Chloride	74.6		mg/l	11/20/96	1461358
	FILTERED 1461414	I005	Chloride	74.1		mg/l	12/20/96	1461418
	FILTERED	I005	Chloride	81.4		mg/l	01/20/97	1461558
	FILTERED 1461414	I007	Cyanide	< 0.010		mg/l	12/20/96	1461418
	FILTERED 1461352	I009	Nitrogen, Ammonia	0.15		mg/l	11/20/96	1461358
	FILTERED 1461414	I009	Nitrogen, Ammonia	0.18		mg/l	12/20/96	1461418
	FILTERED	I009	Nitrogen, Ammonia	0.69		mg/l	01/20/97	1461558
	FILTERED 1461352	I018	Sulfate as SO4	24.7		mg/l	11/20/96	1461358
		I018	Sulfate as SO4	23		mg/l	11/13/96	1461366
	FILTERED 1461414	I018	Sulfate as SO4	33.8		mg/l	12/20/96	1461418
	FILTERED	I018	Sulfate as SO4	23.5		mg/l	01/20/97	1461558
	FILTERED 1461414	I027	Carbonate Alkalinity as CaCO3	< 2.00		mg/l	12/20/96	1461418
	FILTERED	I027	Carbonate Alkalinity as CaCO3	< 2.00		mg/l	01/20/97	1461558
		I059	Dissolved Oxygen, Field	3.8		mg/l	11/20/96	1461352
	FILTERED	I059	Dissolved Oxygen, Field	4.0		mg/l	01/20/97	1461558
	FILTERED 1461414	I070	Bicarbonate as HCO3	22.2		mg/l	12/20/96	1461418
	FILTERED	I070	Bicarbonate as HCO3	14.0		mg/l	01/20/97	1461558
			Physical Properties					
	FILTERED	F007	Total Dissolved Solids (TDS)	238		mg/l	01/20/97	1461558
	FILTERED 1461414	F009	pH Laboratory	6.96		Std. Un	12/20/96	1461418
	FILTERED	F009	pH Laboratory	6.12		Std. Un	01/20/97	1461558
	FILTERED 1461414	F010	Temperature	20.0		deg. C	12/20/96	1461418
	FILTERED	F010	Temperature	20.0		deg. C	01/20/97	1461558
		F037	pH Field	6.25		Std. Un	11/20/96	1461352
		F037	pH Field	5.73		Std. Un	11/13/96	1461366
		F037	pH Field	5.90		Std. Un	12/20/96	1461414
	FILTERED	F037	pH Field	5.51		Std. Un	01/20/97	1461558
		F062	Specific Conductance - Field	401		umhos	11/20/96	1461352
		F062	Specific Conductance - Field	385		umhos	11/13/96	1461366
		F062	Specific Conductance - Field	330		umhos	12/20/96	1461414
	FILTERED	F062	Specific Conductance - Field	384		umhos	01/20/97	1461558
		F064	Temperature - Field	9.10		deg. C	11/20/96	1461352
		F064	Temperature - Field	10		deg. C	11/13/96	1461366
		F064	Temperature - Field	8.0		deg. C	12/20/96	1461414
	FILTERED	F064	Temperature - Field	8.0		deg. C	01/20/97	1461558
	FILTERED 1461414	I059	Dissolved Oxygen, Field	2.6		mg/l	12/20/96	1461418
GW-85-D								
			Metals					
		M008	Chromium	< 0.010		mg/l	11/19/96	1461350
			Metals - Dissolved					
	FILTERED 1461350	M028	Arsenic, Dissolved	< 0.01		mg/l	11/19/96	1461357
	FILTERED 1461350	M029	Barium, Dissolved	< 0.2		mg/l	11/19/96	1461357
	FILTERED 1461350	M031	Beryllium, Dissolved	< 0.005		mg/l	11/19/96	1461357
	FILTERED 1461350	M032	Silver, Dissolved	< 0.01		mg/l	11/19/96	1461357
	FILTERED 1461350	M033	Calcium, Dissolved	212		mg/l	11/19/96	1461357
	FILTERED	M033	Calcium, Dissolved	236		mg/l	01/21/97	1461566
	FILTERED	M033	Calcium, Dissolved	273		mg/l	04/24/97	1461648
	FILTERED 1461350	M034	Cadmium, Dissolved	< 0.005		mg/l	11/19/96	1461357
	FILTERED 1461350	M036	Chromium, Dissolved	< 0.01		mg/l	11/19/96	1461357

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Inorganic Parameters
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
GW-85-D								
			Metals - Dissolved					
	FILTERED	M036	Chromium, Dissolved	< 0.010		mg/l	01/21/97	1461566
	FILTERED	M036	Chromium, Dissolved	< 0.010		mg/l	04/24/97	1461648
	FILTERED 1461350	M037	Copper, Dissolved	< 0.025		mg/l	11/19/96	1461357
	FILTERED 1461350	M040	Iron, Dissolved	29.5	E	mg/l	11/19/96	1461357
	FILTERED	M040	Iron, Dissolved	28.8		mg/l	01/21/97	1461566
	FILTERED	M040	Iron, Dissolved	0.669	E	mg/l	04/24/97	1461648
	FILTERED 1461350	M041	Mercury, Dissolved	< 0.20		ug/l	11/19/96	1461357
	FILTERED 1461350	M042	Potassium, Dissolved	35.2		mg/l	11/19/96	1461357
	FILTERED	M042	Potassium, Dissolved	22.5		mg/l	01/21/97	1461566
	FILTERED	M042	Potassium, Dissolved	37.6		mg/l	04/24/97	1461648
	FILTERED 1461350	M044	Magnesium, Dissolved	61.9		mg/l	11/19/96	1461357
	FILTERED	M044	Magnesium, Dissolved	68.5		mg/l	01/21/97	1461566
	FILTERED 1461350	M045	Manganese, Dissolved	10.3	E	mg/l	11/19/96	1461357
	FILTERED	M045	Manganese, Dissolved	12.1		mg/l	04/24/97	1461648
	FILTERED 1461350	M047	Sodium, Dissolved	150		mg/l	11/19/96	1461357
	FILTERED	M047	Sodium, Dissolved	445		mg/l	01/21/97	1461566
	FILTERED	M047	Sodium, Dissolved	181		mg/l	04/24/97	1461648
	FILTERED 1461350	M048	Lead, Dissolved	< 0.003		mg/l	11/19/96	1461357
	FILTERED 1461350	M050	Selenium, Dissolved	< 0.005		mg/l	11/19/96	1461357
	FILTERED 1461350	M053	Zinc, Dissolved	< 0.02		mg/l	11/19/96	1461357
	FILTERED 1461350	M054	Aluminum, Dissolved	< 0.2		mg/l	11/19/96	1461357
	FILTERED 1461350	M055	Cobalt, Dissolved	< 0.05		mg/l	11/19/96	1461357
	FILTERED 1461350	M059	Nickel, Dissolved	< 0.04		mg/l	11/19/96	1461357
	FILTERED 1461350	M098	Thallium, Dissolved	< 0.01		mg/l	11/19/96	1461357
	FILTERED 1461350	M099	Vanadium, Dissolved	< 0.005		mg/l	11/19/96	1461357
	FILTERED 1461350	M100	Antimony, Dissolved	< 0.06		mg/l	11/19/96	14[illegible]57
			Inorganic Non-metals					
	FILTERED 1461350	I002	Total Alkalinity as CaCO3	221		mg/l	11/19/96	1[illegible]7
	FILTERED	I002	Total Alkalinity as CaCO3	226		mg/l	01/21/97	1461566
	FILTERED	I002	Total Alkalinity as CaCO3	198		mg/l	04/24/97	1461648
	FILTERED 1461350	I005	Chloride	499		mg/l	11/19/96	1461357
	FILTERED	I005	Chloride	505		mg/l	01/21/97	1461566
	FILTERED	I005	Chloride	542		mg/l	04/24/97	1461648
	FILTERED 1461350	I007	Cyanide	< 0.010		mg/l	11/19/96	1461357
	FILTERED 1461350	I009	Nitrogen, Ammonia	98.7		mg/l	11/19/96	1461357
	FILTERED	I009	Nitrogen, Ammonia	106		mg/l	01/21/97	1461566
	FILTERED	I009	Nitrogen, Ammonia	115		mg/l	04/24/97	1461648
		I018	Sulfate as SO4	1470		mg/l	10/16/96	1461240
	FILTERED 1461350	I018	Sulfate as SO4	1740		mg/l	11/19/96	1461357
	FILTERED	I018	Sulfate as SO4	1770		mg/l	01/21/97	1461566
	FILTERED	I018	Sulfate as SO4	1760		mg/l	04/24/97	1461648
	FILTERED 1461350	I027	Carbonate Alkalinity as CaCO3	< 2.00		mg/l	11/19/96	1461357
	FILTERED	I027	Carbonate Alkalinity as CaCO3	< 2.00		mg/l	01/21/97	1461566
	FILTERED	I027	Carbonate Alkalinity as CaCO3	< 2.00		mg/l	04/24/97	1461648
		I059	Dissolved Oxygen, Field	3.1		mg/l	11/19/96	1461350
	FILTERED	I059	Dissolved Oxygen, Field	1.7		mg/l	01/21/97	1461566
	FILTERED 1461350	I070	Bicarbonate as HCO3	221		mg/l	11/19/96	1461357
	FILTERED	I070	Bicarbonate as HCO3	226		mg/l	01/21/97	1461566
	FILTERED	I070	Bicarbonate as HCO3	198		mg/l	04/24/97	1461648
			Physical Properties					
	FILTERED	F007	Total Dissolved Solids (TDS)	445		mg/l	01/21/97	1461566
	FILTERED	F007	Total Dissolved Solids (TDS)	3450		mg/l	04/24/97	1461648
	FILTERED 1461350	F009	pH Laboratory	6.68		Std. Un	11/19/96	1461357
	FILTERED	F009	pH Laboratory	6.71		Std. Un	01/21/97	1461566
	FILTERED	F009	pH Laboratory	6.67		Std. Un	04/24/97	1461648
	FILTERED 1461350	F010	Temperature	20.0		deg. C	11/19/96	1461357
	FILTERED	F010	Temperature	20.0		deg. C	01/21/97	1461566
	FILTERED	F010	Temperature	20.0		deg. C	04/24/97	1461648
		F037	pH Field	6.86		Std. Un	10/16/96	1461240

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Inorganic Parameters
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
GW-85-D								
			Physical Properties					
		F037	pH Field	6.63		Std. Un	11/19/96	1461350
	FILTERED	F037	pH Field	6.68		Std. Un	01/21/97	1461566
	FILTERED	F037	pH Field	6.77		Std. Un	04/24/97	1461648
		F062	Specific Conductance - Field	4440		umhos	10/16/96	1461240
		F062	Specific Conductance - Field	4686		umhos	11/19/96	1461350
	FILTERED	F062	Specific Conductance - Field	4760		umhos	01/21/97	1461566
	FILTERED	F062	Specific Conductance - Field	4820		umhos	04/24/97	1461648
		F064	Temperature - Field	11.0		deg. C	10/16/96	1461240
		F064	Temperature - Field	9.40		deg. C	11/19/96	1461350
	FILTERED	F064	Temperature - Field	7.6		deg. C	01/21/97	1461566
	FILTERED	F064	Temperature - Field	9.7		deg. C	04/24/97	1461648
	FILTERED	F066	Specific Gravity, Field	1.00		g/ml	01/21/97	1461566
GW-85-M								
			Metals					
		M008	Chromium	< 0.010		mg/l	11/19/96	1461348
	DUP OF 1461348	M008	Chromium	< 0.010		mg/l	11/19/96	1461349
			Metals - Dissolved					
	FILTERED 1461348	M028	Arsenic, Dissolved	< 0.010		mg/l	11/19/96	1461355
	FILTDUP 1461355	M028	Arsenic, Dissolved	< 0.010		mg/l	11/19/96	1461356
	FILTERED 1461348	M029	Barium, Dissolved	< 0.2		mg/l	11/19/96	1461355
	FILTDUP 1461355	M029	Barium, Dissolved	< 0.2		mg/l	11/19/96	1461356
	FILTERED 1461348	M031	Beryllium, Dissolved	< 0.005		mg/l	11/19/96	1461355
	FILTDUP 1461355	M031	Beryllium, Dissolved	< 0.005		mg/l	11/19/96	1461356
	FILTERED 1461348	M032	Silver, Dissolved	< 0.01		mg/l	11/19/96	1461355
	FILTDUP 1461355	M032	Silver, Dissolved	< 0.01		mg/l	11/19/96	1461356
	FILTERED 1461348	M033	Calcium, Dissolved	56.2		mg/l	11/19/96	1461355
	FILTDUP 1461355	M033	Calcium, Dissolved	56.6		mg/l	11/19/96	1461356
	FILTERED	M033	Calcium, Dissolved	49.9		mg/l	01/21/97	1461567
	FILTERED	M033	Calcium, Dissolved	54.8		mg/l	04/24/97	1461647
	FILTERED 1461348	M034	Cadmium, Dissolved	< 0.005		mg/l	11/19/96	1461355
	FILTDUP 1461355	M034	Cadmium, Dissolved	< 0.005		mg/l	11/19/96	1461356
	FILTERED 1461348	M036	Chromium, Dissolved	< 0.010		mg/l	11/19/96	1461355
	FILTDUP 1461355	M036	Chromium, Dissolved	< 0.010		mg/l	11/19/96	1461356
	FILTERED	M036	Chromium, Dissolved	< 0.010		mg/l	01/21/97	1461567
	FILTERED	M036	Chromium, Dissolved	< 0.010		mg/l	04/24/97	1461647
	FILTERED 1461348	M037	Copper, Dissolved	< 0.025		mg/l	11/19/96	1461355
	FILTDUP 1461355	M037	Copper, Dissolved	< 0.025		mg/l	11/19/96	1461356
	FILTERED 1461348	M040	Iron, Dissolved	9.76	E	mg/l	11/19/96	1461355
	FILTDUP 1461355	M040	Iron, Dissolved	9.96	E	mg/l	11/19/96	1461356
	FILTERED	M040	Iron, Dissolved	8.74		mg/l	01/21/97	1461567
	FILTERED	M040	Iron, Dissolved	9.22	E	mg/l	04/24/97	1461647
	FILTERED 1461348	M041	Mercury, Dissolved	< 0.20		ug/l	11/19/96	1461355
	FILTDUP 1461355	M041	Mercury, Dissolved	< 0.20		ug/l	11/19/96	1461356
	FILTERED 1461348	M042	Potassium, Dissolved	7.95		mg/l	11/19/96	1461355
	FILTDUP 1461355	M042	Potassium, Dissolved	8.03		mg/l	11/19/96	1461356
	FILTERED	M042	Potassium, Dissolved	6.28		mg/l	01/21/97	1461567
	FILTERED	M042	Potassium, Dissolved	8.6		mg/l	04/24/97	1461647
	FILTERED 1461348	M044	Magnesium, Dissolved	11.4		mg/l	11/19/96	1461355
	FILTDUP 1461355	M044	Magnesium, Dissolved	11.5		mg/l	11/19/96	1461356
	FILTERED	M044	Magnesium, Dissolved	10.3		mg/l	01/21/97	1461567
	FILTERED 1461348	M045	Manganese, Dissolved	1.62	E	mg/l	11/19/96	1461355
	FILTDUP 1461355	M045	Manganese, Dissolved	1.68	E	mg/l	11/19/96	1461356
	FILTERED	M045	Manganese, Dissolved	1.71		mg/l	04/24/97	1461647
	FILTERED 1461348	M047	Sodium, Dissolved	58.7		mg/l	11/19/96	1461355
	FILTDUP 1461355	M047	Sodium, Dissolved	60.6		mg/l	11/19/96	1461356
	FILTERED	M047	Sodium, Dissolved	68.9		mg/l	01/21/97	1461567
	FILTERED	M047	Sodium, Dissolved	54.7		mg/l	04/24/97	1461647
	FILTERED 1461348	M048	Lead, Dissolved	< 0.003		mg/l	11/19/96	1461355

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Groundwater Analytical Results
Inorganic Parameters
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
GW-85-M								
			Metals - Dissolved					
	FILTDUP 1461355	M048	Lead, Dissolved	< 0.003		mg/l	11/19/96	1461356
	FILTERED 1461348	M050	Selenium, Dissolved	< 0.005		mg/l	11/19/96	1461355
	FILTDUP 1461355	M050	Selenium, Dissolved	< 0.005		mg/l	11/19/96	1461356
	FILTERED 1461348	M053	Zinc, Dissolved	< 0.02		mg/l	11/19/96	1461355
	FILTDUP 1461355	M053	Zinc, Dissolved	< 0.02		mg/l	11/19/96	1461356
	FILTERED 1461348	M054	Aluminum, Dissolved	< 0.2		mg/l	11/19/96	1461355
	FILTDUP 1461355	M054	Aluminum, Dissolved	< 0.2		mg/l	11/19/96	1461356
	FILTERED 1461348	M055	Cobalt, Dissolved	< 0.05		mg/l	11/19/96	1461355
	FILTDUP 1461355	M055	Cobalt, Dissolved	< 0.05		mg/l	11/19/96	1461356
	FILTERED 1461348	M059	Nickel, Dissolved	< 0.04		mg/l	11/19/96	1461355
	FILTDUP 1461355	M059	Nickel, Dissolved	< 0.04		mg/l	11/19/96	1461356
	FILTERED 1461348	M098	Thallium, Dissolved	< 0.01		mg/l	11/19/96	1461355
	FILTDUP 1461355	M098	Thallium, Dissolved	< 0.01		mg/l	11/19/96	1461356
	FILTERED 1461348	M099	Vanadium, Dissolved	< 0.05		mg/l	11/19/96	1461355
	FILTDUP 1461355	M099	Vanadium, Dissolved	< 0.05		mg/l	11/19/96	1461356
	FILTERED 1461348	M100	Antimony, Dissolved	< 0.06		mg/l	11/19/96	1461355
	FILTDUP 1461355	M100	Antimony, Dissolved	< 0.06		mg/l	11/19/96	1461356
			Inorganic Non-metals					
	FILTERED 1461348	I002	Total Alkalinity as CaCO3	56.6		mg/l	11/19/96	1461355
	FILTDUP 1461355	I002	Total Alkalinity as CaCO3	57.2		mg/l	11/19/96	1461356
	FILTERED	I002	Total Alkalinity as CaCO3	57.6		mg/l	01/21/97	1461567
	FILTERED	I002	Total Alkalinity as CaCO3	51.4		mg/l	04/24/97	1461647
	FILTERED 1461348	I005	Chloride	155		mg/l	11/19/96	1461355
	FILTDUP 1461355	I005	Chloride	155		mg/l	11/19/96	1461356
	FILTERED	I005	Chloride	154		mg/l	01/21/97	1461567
	FILTERED	I005	Chloride	152		mg/l	04/24/97	14[illegible]7
	FILTERED 1461348	I007	Cyanide	< 0.010		mg/l	11/19/96	1[illegible]5
	FILTDUP 1461355	I007	Cyanide	< 0.010		mg/l	11/19/96	1[illegible]6
	FILTERED 1461348	I009	Nitrogen, Ammonia	4.9		mg/l	11/19/96	1461355
	FILTDUP 1461355	I009	Nitrogen, Ammonia	5.16		mg/l	11/19/96	1461356
	FILTERED	I009	Nitrogen, Ammonia	6.34		mg/l	01/21/97	1461567
	FILTERED	I009	Nitrogen, Ammonia	7.53		mg/l	04/24/97	1461647
		I018	Sulfate as SO4	128		mg/l	10/17/96	1461239
	FILTERED 1461348	I018	Sulfate as SO4	172		mg/l	11/19/96	1461355
	FILTDUP 1461355	I018	Sulfate as SO4	174		mg/l	11/19/96	1461356
	FILTERED	I018	Sulfate as SO4	186		mg/l	01/21/97	1461567
	FILTERED	I018	Sulfate as SO4	201		mg/l	04/24/97	1461647
	FILTERED 1461348	I027	Carbonate Alkalinity as CaCO3	< 2.00		mg/l	11/19/96	1461355
	FILTDUP 1461355	I027	Carbonate Alkalinity as CaCO3	< 2.00		mg/l	11/19/96	1461356
	FILTERED	I027	Carbonate Alkalinity as CaCO3	< 2.00		mg/l	01/21/97	1461567
	FILTERED	I027	Carbonate Alkalinity as CaCO3	< 2.00		mg/l	04/24/97	1461647
	FILTERED 1461348	I059	Dissolved Oxygen, Field	5.3		mg/l	11/19/96	1461355
	FILTERED	I059	Dissolved Oxygen, Field	3.8		mg/l	01/21/97	1461567
	FILTERED 1461348	I070	Bicarbonate as HCO3	56.6		mg/l	11/19/96	1461355
	FILTDUP 1461355	I070	Bicarbonate as HCO3	57.2		mg/l	11/19/96	1461356
	FILTERED	I070	Bicarbonate as HCO3	57.6		mg/l	01/21/97	1461567
	FILTERED	I070	Bicarbonate as HCO3	51.4		mg/l	04/24/97	1461647
			Physical Properties					
	FILTERED	F007	Total Dissolved Solids (TDS)	578		mg/l	01/21/97	1461567
	FILTERED	F007	Total Dissolved Solids (TDS)	607		mg/l	04/24/97	1461647
	FILTERED 1461348	F009	pH Laboratory	6.52		Std. Un	11/19/96	1461355
	FILTDUP 1461355	F009	pH Laboratory	6.57		Std. Un	11/19/96	1461356
	FILTERED	F009	pH Laboratory	6.59		Std. Un	01/21/97	1461567
	FILTERED	F009	pH Laboratory	6.61		Std. Un	04/24/97	1461647
	FILTERED 1461348	F010	Temperature	20.0		deg. C	11/19/96	1461355
	FILTDUP 1461355	F010	Temperature	20.0		deg. C	11/19/96	1461356
	FILTERED	F010	Temperature	20.0		deg. C	01/21/97	1461567
	FILTERED	F010	Temperature	20.0		deg. C	04/24/97	1461647
		F037	pH Field	6.58		Std. Un	10/17/96	1461239

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Inorganic Parameters
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
GW-85-M								
			Physical Properties					
		F037	pH Field	6.26		Std. Un	11/19/96	1461348
	FILTERED	F037	pH Field	6.26		Std. Un	01/21/97	1461567
	FILTERED	F037	pH Field	6.45		Std. Un	04/24/97	1461647
		F062	Specific Conductance - Field	880		umhos	10/17/96	1461239
		F062	Specific Conductance - Field	869		umhos	11/19/96	1461348
	FILTERED	F062	Specific Conductance - Field	1030		umhos	01/21/97	1461567
	FILTERED	F062	Specific Conductance - Field	922		umhos	04/24/97	1461647
		F064	Temperature - Field	11.3		deg. C	10/17/96	1461239
		F064	Temperature - Field	9.70		deg. C	11/19/96	1461348
	FILTERED	F064	Temperature - Field	7.7		deg. C	01/21/97	1461567
	FILTERED	F064	Temperature - Field	8.4		deg. C	04/24/97	1461647
GW-86-D								
			Metals					
		M008	Chromium	< 0.010		mg/l	12/19/96	1461409
			Metals - Dissolved					
	FILTERED 1461409	M028	Arsenic, Dissolved	0.012		mg/l	12/19/96	1461408
	FILTERED 1461409	M029	Barium, Dissolved	< 0.2		mg/l	12/19/96	1461408
	FILTERED 1461409	M031	Beryllium, Dissolved	< 0.005		mg/l	12/19/96	1461408
	FILTERED 1461409	M032	Silver, Dissolved	< 0.01		mg/l	12/19/96	1461408
	FILTERED 1461409	M033	Calcium, Dissolved	246		mg/l	12/19/96	1461408
	FILTERED	M033	Calcium, Dissolved	231		mg/l	01/22/97	1461563
	FILTERED	M033	Calcium, Dissolved	244		mg/l	04/25/97	1461651
	FILTERED 1461409	M034	Cadmium, Dissolved	< 0.005		mg/l	12/19/96	1461408
	FILTERED 1461409	M036	Chromium, Dissolved	< 0.01		mg/l	12/19/96	1461408
	FILTERED	M036	Chromium, Dissolved	< 0.010		mg/l	01/22/97	1461563
	FILTERED	M036	Chromium, Dissolved	< 0.010		mg/l	04/25/97	1461651
	FILTERED 1461409	M037	Copper, Dissolved	< 0.025		mg/l	12/19/96	1461408
	FILTERED 1461409	M040	Iron, Dissolved	53.1		mg/l	12/19/96	1461408
	FILTERED	M040	Iron, Dissolved	48.4		mg/l	01/22/97	1461563
	FILTERED	M040	Iron, Dissolved	54.4	E	mg/l	04/25/97	1461651
	FILTERED 1461409	M041	Mercury, Dissolved	< 0.2		ug/l	12/19/96	1461408
	FILTERED 1461409	M042	Potassium, Dissolved	29.4		mg/l	12/19/96	1461408
	FILTERED	M042	Potassium, Dissolved	17.1		mg/l	01/22/97	1461563
	FILTERED	M042	Potassium, Dissolved	28.9		mg/l	04/25/97	1461651
	FILTERED 1461409	M044	Magnesium, Dissolved	70.1		mg/l	12/19/96	1461408
	FILTERED	M044	Magnesium, Dissolved	64.8		mg/l	01/22/97	1461563
	FILTERED 1461409	M045	Manganese, Dissolved	4.52		mg/l	12/19/96	1461408
	FILTERED	M045	Manganese, Dissolved	4.38		mg/l	04/25/97	1461651
	FILTERED 1461409	M047	Sodium, Dissolved	220		mg/l	12/19/96	1461408
	FILTERED	M047	Sodium, Dissolved	369		mg/l	01/22/97	1461563
	FILTERED	M047	Sodium, Dissolved	165		mg/l	04/25/97	1461651
	FILTERED 1461409	M048	Lead, Dissolved	< 0.003		mg/l	12/19/96	1461408
	FILTERED 1461409	M050	Selenium, Dissolved	< 0.005	*	mg/l	12/19/96	1461408
	FILTERED 1461409	M053	Zinc, Dissolved	< 0.02		mg/l	12/19/96	1461408
	FILTERED 1461409	M054	Aluminum, Dissolved	< 0.2		mg/l	12/19/96	1461408
	FILTERED 1461409	M055	Cobalt, Dissolved	< 0.05		mg/l	12/19/96	1461408
	FILTERED 1461409	M059	Nickel, Dissolved	< 0.04		mg/l	12/19/96	1461408
	FILTERED 1461409	M098	Thallium, Dissolved	< 0.01		mg/l	12/19/96	1461408
	FILTERED 1461409	M099	Vanadium, Dissolved	< 0.05		mg/l	12/19/96	1461408
	FILTERED 1461409	M100	Antimony, Dissolved	< 0.06		mg/l	12/19/96	1461408
			Inorganic Non-metals					
	FILTERED 1461409	I002	Total Alkalinity as CaCO3	179		mg/l	12/19/96	1461408
	FILTERED	I002	Total Alkalinity as CaCO3	202		mg/l	01/22/97	1461563
	FILTERED	I002	Total Alkalinity as CaCO3	162		mg/l	04/25/97	1461651
	FILTERED 1461409	I005	Chloride	471		mg/l	12/19/96	1461408
	FILTERED	I005	Chloride	497		mg/l	01/22/97	1461563
	FILTERED	I005	Chloride	497		mg/l	04/25/97	1461651
	FILTERED 1461409	I007	Cyanide	< 0.010		mg/l	12/19/96	1461408

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Inorganic Parameters
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
GW-86-D								
			Inorganic Non-metals					
	FILTERED 1461409	I009	Nitrogen, Ammonia	44.3		mg/l	12/19/96	1461408
	FILTERED	I009	Nitrogen, Ammonia	49.0		mg/l	01/22/97	1461563
	FILTERED	I009	Nitrogen, Ammonia	0.049		mg/l	04/25/97	1461651
		I018	Sulfate as SO4	1100		mg/l	12/02/96	1461363
	FILTERED 1461409	I018	Sulfate as SO4	1440		mg/l	12/19/96	1461408
	FILTERED	I018	Sulfate as SO4	1390		mg/l	01/22/97	1461563
	FILTERED	I018	Sulfate as SO4	1250		mg/l	04/25/97	1461651
	FILTERED 1461409	I027	Carbonate Alkalinity as CaCO3	< 2.00		mg/l	12/19/96	1461408
	FILTERED	I027	Carbonate Alkalinity as CaCO3	< 2.00		mg/l	01/22/97	1461563
	FILTERED	I027	Carbonate Alkalinity as CaCO3	< 2.00		mg/l	04/25/97	1461651
	FILTERED	I059	Dissolved Oxygen, Field	1.3		mg/l	01/22/97	1461563
	FILTERED 1461409	I070	Bicarbonate as HCO3	179		mg/l	12/19/96	1461408
	FILTERED	I070	Bicarbonate as HCO3	202		mg/l	01/22/97	1461563
	FILTERED	I070	Bicarbonate as HCO3	162		mg/l	04/25/97	1461651
			Physical Properties					
	FILTERED	F007	Total Dissolved Solids (TDS)	2870		mg/l	01/22/97	1461563
	FILTERED	F007	Total Dissolved Solids (TDS)	3050		mg/l	04/25/97	1461651
	FILTERED 1461409	F009	pH Laboratory	6.90		Std. Un	12/19/96	1461408
	FILTERED	F009	pH Laboratory	6.64		Std. Un	01/22/97	1461563
	FILTERED	F009	pH Laboratory	6.65		Std. Un	04/25/97	1461651
	FILTERED 1461409	F010	Temperature	20.0		deg. C	12/19/96	1461408
	FILTERED	F010	Temperature	20.0		deg. C	01/22/97	1461563
	FILTERED	F010	Temperature	20.0		deg. C	04/25/97	1461651
		F037	pH Field	6.64		Std. Un	12/02/96	1461363
		F037	pH Field	6.71		Std. Un	12/19/96	1461409
	FILTERED	F037	pH Field	6.59		Std. Un	01/22/97	1[illegible]563
	FILTERED	F037	pH Field	6.84		Std. Un	04/25/97	[illegible]1
		F062	Specific Conductance - Field	2890		umhos	12/02/96	1[illegible]3
		F062	Specific Conductance - Field	3830		umhos	12/19/96	1461409
	FILTERED	F062	Specific Conductance - Field	4050		umhos	01/22/97	1461563
	FILTERED	F062	Specific Conductance - Field	4130		umhos	04/25/97	1461651
		F064	Temperature - Field	9.8		deg. C	12/02/96	1461363
		F064	Temperature - Field	8.6		deg. C	12/19/96	1461409
	FILTERED	F064	Temperature - Field	8.7		deg. C	01/22/97	1461563
	FILTERED	F064	Temperature - Field	9.3		deg. C	04/25/97	1461651
	FILTERED	F066	Specific Gravity, Field	1.00		g/ml	01/22/97	1461563
	FILTERED 1461409	I059	Dissolved Oxygen, Field	0.6		mg/l	12/19/96	1461408
GW-86-M								
			Metals					
		M008	Chromium	< 0.010		mg/l	12/19/96	1461407
			Metals - Dissolved					
	FILTERED 1461407	M028	Arsenic, Dissolved	< 0.01		mg/l	12/19/96	1461406
	FILTERED 1461407	M029	Barium, Dissolved	< 0.20		mg/l	12/19/96	1461406
	FILTERED 1461407	M031	Beryllium, Dissolved	< 0.005		mg/l	12/19/96	1461406
	FILTERED 1461407	M032	Silver, Dissolved	< 0.01		mg/l	12/19/96	1461406
	FILTERED 1461407	M033	Calcium, Dissolved	27		mg/l	12/19/96	1461406
	FILTERED	M033	Calcium, Dissolved	22.4		mg/l	01/22/97	1461562
	FILTERED	M033	Calcium, Dissolved	25.2		mg/l	04/25/97	1461650
	FILTERED 1461407	M034	Cadmium, Dissolved	< 0.005		mg/l	12/19/96	1461406
	FILTERED 1461407	M036	Chromium, Dissolved	< 0.01		mg/l	12/19/96	1461406
	FILTERED	M036	Chromium, Dissolved	< 0.010		mg/l	01/22/97	1461562
	FILTERED	M036	Chromium, Dissolved	< 0.010		mg/l	04/25/97	1461650
	FILTERED 1461407	M037	Copper, Dissolved	< 0.025		mg/l	12/19/96	1461406
	FILTERED 1461407	M040	Iron, Dissolved	16.4		mg/l	12/19/96	1461406
	FILTERED	M040	Iron, Dissolved	20.0		mg/l	01/22/97	1461562
	FILTERED	M040	Iron, Dissolved	26.9	E	mg/l	04/25/97	1461650
	FILTERED 1461407	M041	Mercury, Dissolved	0.21		ug/l	12/19/96	1461406
	FILTERED 1461407	M042	Potassium, Dissolved	< 5.0		mg/l	12/19/96	1461406

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Inorganic Parameters
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
GW-86-M								
			Metals - Dissolved					
	FILTERED	M042	Potassium, Dissolved	< 5.0		mg/l	01/22/97	1461562
	FILTERED	M042	Potassium, Dissolved	< 5.0		mg/l	04/25/97	1461650
	FILTERED 1461407	M044	Magnesium, Dissolved	5.09		mg/l	12/19/96	1461406
	FILTERED	M044	Magnesium, Dissolved	< 5.0		mg/l	01/22/97	1461562
	FILTERED 1461407	M045	Manganese, Dissolved	0.304		mg/l	12/19/96	1461406
	FILTERED	M045	Manganese, Dissolved	0.334		mg/l	04/25/97	1461650
	FILTERED 1461407	M047	Sodium, Dissolved	27.5		mg/l	12/19/96	1461406
	FILTERED	M047	Sodium, Dissolved	31		mg/l	01/22/97	1461562
	FILTERED	M047	Sodium, Dissolved	31		mg/l	04/25/97	1461650
	FILTERED 1461407	M048	Lead, Dissolved	< 0.003		mg/l	12/19/96	1461406
	FILTERED 1461407	M050	Selenium, Dissolved	0.005	*	mg/l	12/19/96	1461406
	FILTERED 1461407	M053	Zinc, Dissolved	< 0.02		mg/l	12/19/96	1461406
	FILTERED 1461407	M054	Aluminum, Dissolved	< 0.2		mg/l	12/19/96	1461406
	FILTERED 1461407	M055	Cobalt, Dissolved	< 0.05		mg/l	12/19/96	1461406
	FILTERED 1461407	M059	Nickel, Dissolved	< 0.04		mg/l	12/19/96	1461406
	FILTERED 1461407	M098	Thallium, Dissolved	< 0.01		mg/l	12/19/96	1461406
	FILTERED 1461407	M099	Vanadium, Dissolved	< 0.05		mg/l	12/19/96	1461406
	FILTERED 1461407	M100	Antimony, Dissolved	< 0.06		mg/l	12/19/96	1461406
			Inorganic Non-metals					
	FILTERED 1461407	I002	Total Alkalinity as CaCO3	52.2		mg/l	12/19/96	1461406
	FILTERED	I002	Total Alkalinity as CaCO3	55.8		mg/l	01/22/97	1461562
	FILTERED	I002	Total Alkalinity as CaCO3	45.8		mg/l	04/25/97	1461650
	FILTERED 1461407	I005	Chloride	71.6		mg/l	12/19/96	1461406
	FILTERED	I005	Chloride	71.8		mg/l	01/22/97	1461562
	FILTERED	I005	Chloride	65.8		mg/l	04/25/97	1461650
	FILTERED 1461407	I007	Cyanide	< 0.01		mg/l	12/19/96	1461406
	FILTERED 1461407	I009	Nitrogen, Ammonia	0.49		mg/l	12/19/96	1461406
	FILTERED	I009	Nitrogen, Ammonia	0.60		mg/l	01/22/97	1461562
	FILTERED	I009	Nitrogen, Ammonia	0.84		mg/l	04/25/97	1461650
		I018	Sulfate as SO4	16		mg/l	12/02/96	1461362
	FILTERED 1461407	I018	Sulfate as SO4	50.2		mg/l	12/19/96	1461406
	FILTERED	I018	Sulfate as SO4	44.4		mg/l	01/22/97	1461562
	FILTERED	I018	Sulfate as SO4	54.7		mg/l	04/25/97	1461650
	FILTERED 1461407	I027	Carbonate Alkalinity as CaCO3	< 2.00		mg/l	12/19/96	1461406
	FILTERED	I027	Carbonate Alkalinity as CaCO3	< 2.00		mg/l	01/22/97	1461562
	FILTERED	I027	Carbonate Alkalinity as CaCO3	< 2.00		mg/l	04/25/97	1461650
	FILTERED	I059	Dissolved Oxygen, Field	1.3		mg/l	01/22/97	1461562
	FILTERED 1461407	I070	Bicarbonate as HCO3	52.2		mg/l	12/19/96	1461406
	FILTERED	I070	Bicarbonate as HCO3	55.8		mg/l	01/22/97	1461562
	FILTERED	I070	Bicarbonate as HCO3	45.8		mg/l	04/25/97	1461650
			Physical Properties					
	FILTERED	F007	Total Dissolved Solids (TDS)	243		mg/l	01/22/97	1461562
	FILTERED	F007	Total Dissolved Solids (TDS)	295		mg/l	04/25/97	1461650
	FILTERED 1461407	F009	pH Laboratory	6.84		Std. Un	12/19/96	1461406
	FILTERED	F009	pH Laboratory	6.34		Std. Un	01/22/97	1461562
	FILTERED	F009	pH Laboratory	6.38		Std. Un	04/25/97	1461650
	FILTERED 1461407	F010	Temperature	20		deg. C	12/19/96	1461406
	FILTERED	F010	Temperature	20.0		deg. C	01/22/97	1461562
	FILTERED	F010	Temperature	20.0		deg. C	04/25/97	1461650
		F037	pH Field	5.84		Std. Un	12/02/96	1461362
		F037	pH Field	6.25		Std. Un	12/19/96	1461407
	FILTERED	F037	pH Field	6.18		Std. Un	01/22/97	1461562
	FILTERED	F037	pH Field	6.31		Std. Un	04/25/97	1461650
		F062	Specific Conductance - Field	269		umhos	12/02/96	1461362
		F062	Specific Conductance - Field	443		umhos	12/19/96	1461407
	FILTERED	F062	Specific Conductance - Field	475		umhos	01/22/97	1461562
	FILTERED	F062	Specific Conductance - Field	478		umhos	04/25/97	1461650
		F064	Temperature - Field	8.6		deg. C	12/02/96	1461362
		F064	Temperature - Field	8.7		deg. C	12/19/96	1461407

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Groundwater Analytical Results
Inorganic Parameters
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
GW-86-M								
			Physical Properties					
	FILTERED	F064	Temperature - Field	8.5		deg. C	01/22/97	1461562
	FILTERED	F064	Temperature - Field	9.0		deg. C	04/25/97	1461650
	FILTERED 1461407	I059	Dissolved Oxygen, Field	1.2		mg/l	12/19/96	1461406
GW-86-S								
			Metals					
		M008	Chromium	< 0.010		mg/l	12/19/96	1461405
			Metals - Dissolved					
	FILTERED 1461405	M028	Arsenic, Dissolved	0.028		mg/l	12/19/96	1461404
	FILTERED 1461405	M029	Barium, Dissolved	< 0.2		mg/l	12/19/96	1461404
	FILTERED 1461405	M031	Beryllium, Dissolved	< 0.005		mg/l	12/19/96	1461404
	FILTERED 1461405	M032	Silver, Dissolved	< 0.01		mg/l	12/19/96	1461404
	FILTERED 1461405	M033	Calcium, Dissolved	32.3		mg/l	12/19/96	1461404
	FILTERED	M033	Calcium, Dissolved	30		mg/l	01/22/97	1461561
	FILTERED 1461405	M034	Cadmium, Dissolved	< 0.005		mg/l	12/19/96	1461404
	FILTERED 1461405	M036	Chromium, Dissolved	< 0.01		mg/l	12/19/96	1461404
	FILTERED	M036	Chromium, Dissolved	< 0.010		mg/l	01/22/97	1461561
	FILTERED 1461405	M037	Copper, Dissolved	< 0.025		mg/l	12/19/96	1461404
	FILTERED 1461405	M040	Iron, Dissolved	30.5		mg/l	12/19/96	1461404
	FILTERED	M040	Iron, Dissolved	27.2		mg/l	01/22/97	1461561
	FILTERED 1461405	M041	Mercury, Dissolved	< 0.20		ug/l	12/19/96	1461404
	FILTERED 1461405	M042	Potassium, Dissolved	< 5.0		mg/l	12/19/96	1461404
	FILTERED	M042	Potassium, Dissolved	< 5.0		mg/l	01/22/97	1461561
	FILTERED 1461405	M044	Magnesium, Dissolved	5.91		mg/l	12/19/96	1461404
	FILTERED	M044	Magnesium, Dissolved	5.64		mg/l	01/22/97	1461561
	FILTERED 1461405	M045	Manganese, Dissolved	0.648		mg/l	12/19/96	1[illegible]4
	FILTERED 1461405	M047	Sodium, Dissolved	38.8		mg/l	12/19/96	1[illegible]
	FILTERED	M047	Sodium, Dissolved	44.1		mg/l	01/22/97	1[illegible]1
	FILTERED 1461405	M048	Lead, Dissolved	< 0.003		mg/l	12/19/96	1461404
	FILTERED 1461405	M050	Selenium, Dissolved	0.005	*	mg/l	12/19/96	1461404
	FILTERED 1461405	M053	Zinc, Dissolved	< 0.02		mg/l	12/19/96	1461404
	FILTERED 1461405	M054	Aluminum, Dissolved	0.354		mg/l	12/19/96	1461404
	FILTERED 1461405	M055	Cobalt, Dissolved	< 0.05		mg/l	12/19/96	1461404
	FILTERED 1461405	M059	Nickel, Dissolved	< 0.04		mg/l	12/19/96	1461404
	FILTERED 1461405	M098	Thallium, Dissolved	< 0.01		mg/l	12/19/96	1461404
	FILTERED 1461405	M099	Vanadium, Dissolved	< 0.05		mg/l	12/19/96	1461404
	FILTERED 1461405	M100	Antimony, Dissolved	< 0.06		mg/l	12/19/96	1461404
			Inorganic Non-metals					
	FILTERED 1461405	I002	Total Alkalinity as CaCO3	65.6		mg/l	12/19/96	1461404
	FILTERED	I002	Total Alkalinity as CaCO3	66.2		mg/l	01/22/97	1461561
	FILTERED 1461405	I005	Chloride	97.4		mg/l	12/19/96	1461404
	FILTERED	I005	Chloride	96.2		mg/l	01/22/97	1461561
	FILTERED 1461405	I007	Cyanide	< 0.010		mg/l	12/19/96	1461404
	FILTERED 1461405	I009	Nitrogen, Ammonia	1.85		mg/l	12/19/96	1461404
	FILTERED	I009	Nitrogen, Ammonia	1.91		mg/l	01/22/97	1461561
		I018	Sulfate as SO4	88		mg/l	11/26/96	1461368
	FILTERED 1461405	I018	Sulfate as SO4	98.8		mg/l	12/19/96	1461404
	FILTERED	I018	Sulfate as SO4	77.8		mg/l	01/22/97	1461561
	FILTERED 1461405	I027	Carbonate Alkalinity as CaCO3	< 2.00		mg/l	12/19/96	1461404
	FILTERED	I027	Carbonate Alkalinity as CaCO3	< 2.00		mg/l	01/22/97	1461561
	FILTERED	I059	Dissolved Oxygen, Field	1.1		mg/l	01/22/97	1461561
	FILTERED 1461405	I070	Bicarbonate as HCO3	65.6		mg/l	12/19/96	1461404
	FILTERED	I070	Bicarbonate as HCO3	66.2		mg/l	01/22/97	1461561
			Physical Properties					
	FILTERED	F007	Total Dissolved Solids (TDS)	571		mg/l	01/22/97	1461561
	FILTERED 1461405	F009	pH Laboratory	6.29		Std. Un	12/19/96	1461404
	FILTERED	F009	pH Laboratory	5.88		Std. Un	01/22/97	1461561
	FILTERED 1461405	F010	Temperature	20		deg. C	12/19/96	1461404
	FILTERED	F010	Temperature	20.0		deg. C	01/22/97	1461561

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Inorganic Parameters
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
GW-86-S								
			Physical Properties					
		F037	pH Field	5.90		Std. Un	11/26/96	1461368
		F037	pH Field	5.75		Std. Un	12/19/96	1461405
	FILTERED	F037	pH Field	5.52		Std. Un	01/22/97	1461561
		F062	Specific Conductance - Field	711		umhos	11/26/96	1461368
		F062	Specific Conductance - Field	628		umhos	12/19/96	1461405
	FILTERED	F062	Specific Conductance - Field	608		umhos	01/22/97	1461561
		F064	Temperature - Field	8		deg. C	11/26/96	1461368
		F064	Temperature - Field	7.5		deg. C	12/19/96	1461405
	FILTERED	F064	Temperature - Field	9.5		deg. C	01/22/97	1461561
	FILTERED 1461405	I059	Dissolved Oxygen, Field	0.8		mg/l	12/19/96	1461404
GW-87-D								
			Metals					
		M008	Chromium	< 0.010		mg/l	12/19/96	1461411
			Metals - Dissolved					
	FILTERED 1461411	M028	Arsenic, Dissolved	0.01		mg/l	12/19/96	1461410
	FILTERED 1461411	M029	Barium, Dissolved	< 0.2		mg/l	12/19/96	1461410
	FILTERED 1461411	M031	Beryllium, Dissolved	< 0.005		mg/l	12/19/96	1461410
	FILTERED 1461411	M032	Silver, Dissolved	< 0.01		mg/l	12/19/96	1461410
	FILTERED 1461411	M033	Calcium, Dissolved	284		mg/l	12/19/96	1461410
	FILTERED	M033	Calcium, Dissolved	272		mg/l	01/22/97	1461564
	FILTERED 1461411	M034	Cadmium, Dissolved	< 0.005		mg/l	12/19/96	1461410
	FILTERED 1461411	M036	Chromium, Dissolved	< 0.01		mg/l	12/19/96	1461410
	FILTERED	M036	Chromium, Dissolved	< 0.010		mg/l	01/22/97	1461564
	FILTERED 1461411	M037	Copper, Dissolved	< 0.025		mg/l	12/19/96	1461410
	FILTERED 1461411	M040	Iron, Dissolved	34.4		mg/l	12/19/96	1461410
	FILTERED	M040	Iron, Dissolved	30.4		mg/l	01/22/97	1461564
	FILTERED 1461411	M041	Mercury, Dissolved	< 0.2		ug/l	12/19/96	1461410
	FILTERED 1461411	M042	Potassium, Dissolved	29.8		mg/l	12/19/96	1461410
	FILTERED	M042	Potassium, Dissolved	17.4		mg/l	01/22/97	1461564
	FILTERED 1461411	M044	Magnesium, Dissolved	80.8		mg/l	12/19/96	1461410
	FILTERED	M044	Magnesium, Dissolved	76.6		mg/l	01/22/97	1461564
	FILTERED 1461411	M045	Manganese, Dissolved	5.93		mg/l	12/19/96	1461410
	FILTERED 1461411	M047	Sodium, Dissolved	238		mg/l	12/19/96	1461410
	FILTERED	M047	Sodium, Dissolved	436		mg/l	01/22/97	1461564
	FILTERED 1461411	M048	Lead, Dissolved	< 0.003		mg/l	12/19/96	1461410
	FILTERED 1461411	M050	Selenium, Dissolved	< 0.005	*	mg/l	12/19/96	1461410
	FILTERED 1461411	M053	Zinc, Dissolved	< 0.02		mg/l	12/19/96	1461410
	FILTERED 1461411	M054	Aluminum, Dissolved	< 0.2		mg/l	12/19/96	1461410
	FILTERED 1461411	M055	Cobalt, Dissolved	< 0.05		mg/l	12/19/96	1461410
	FILTERED 1461411	M059	Nickel, Dissolved	< 0.04		mg/l	12/19/96	1461410
	FILTERED 1461411	M098	Thallium, Dissolved	< 0.01		mg/l	12/19/96	1461410
	FILTERED 1461411	M099	Vanadium, Dissolved	< 0.05		mg/l	12/19/96	1461410
	FILTERED 1461411	M100	Antimony, Dissolved	< 0.06		mg/l	12/19/96	1461410
			Inorganic Non-metals					
	FILTERED 1461411	I002	Total Alkalinity as CaCO3	246		mg/l	12/19/96	1461410
	FILTERED	I002	Total Alkalinity as CaCO3	248		mg/l	01/22/97	1461564
	FILTERED 1461411	I005	Chloride	533		mg/l	12/19/96	1461410
	FILTERED	I005	Chloride	627		mg/l	01/22/97	1461564
	FILTERED 1461411	I007	Cyanide	< 0.010		mg/l	12/19/96	1461410
	FILTERED 1461411	I009	Nitrogen, Ammonia	47.3		mg/l	12/19/96	1461410
	FILTERED	I009	Nitrogen, Ammonia	43.1		mg/l	01/22/97	1461564
		I018	Sulfate as SO4	1310		mg/l	11/25/96	1461369
	FILTERED 1461411	I018	Sulfate as SO4	1630		mg/l	12/19/96	1461410
	FILTERED	I018	Sulfate as SO4	1570		mg/l	01/22/97	1461564
	FILTERED 1461411	I027	Carbonate Alkalinity as CaCO3	< 2.00		mg/l	12/19/96	1461410
	FILTERED	I027	Carbonate Alkalinity as CaCO3	< 2.00		mg/l	01/22/97	1461564
	FILTERED	I059	Dissolved Oxygen, Field	1.6		mg/l	01/22/97	1461564
	FILTERED 1461411	I070	Bicarbonate as HCO3	246		mg/l	12/19/96	1461410

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Inorganic Parameters
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
GW-87-D								
			Inorganic Non-metals					
	FILTERED	I070	Bicarbonate as HCO3	248		mg/l	01/22/97	1461564
			Physical Properties					
	FILTERED	F007	Total Dissolved Solids (TDS)	3280		mg/l	01/22/97	1461564
	FILTERED 1461411	F009	pH Laboratory	7.15		Std. Un	12/19/96	1461410
	FILTERED	F009	pH Laboratory	6.78		Std. Un	01/22/97	1461564
	FILTERED 1461411	F010	Temperature	20.0		deg. C	12/19/96	1461410
	FILTERED	F010	Temperature	20.0		deg. C	01/22/97	1461564
		F037	pH Field	6.83		Std. Un	11/25/96	1461369
		F037	pH Field	6.88		Std. Un	12/19/96	1461411
	FILTERED	F037	pH Field	6.77		Std. Un	01/22/97	1461564
		F062	Specific Conductance - Field	4220		umhos	11/25/96	1461369
		F062	Specific Conductance - Field	4310		umhos	12/19/96	1461411
	FILTERED	F062	Specific Conductance - Field	4620		umhos	01/22/97	1461564
		F064	Temperature - Field	8		deg. C	11/25/96	1461369
		F064	Temperature - Field	8.2		deg. C	12/19/96	1461411
	FILTERED	F064	Temperature - Field	8.7		deg. C	01/22/97	1461564
	FILTERED	F066	Specific Gravity, Field	1.00		g/ml	01/22/97	1461564
	FILTERED 1461411	I059	Dissolved Oxygen, Field	0.7		mg/l	12/19/96	1461410
IW-11								
			Metals - Dissolved					
	FILTERED	M008	Chromium	< 0.010		mg/l	01/24/97	1461581
			Inorganic Non-metals					
	FILTERED 1461381	I005	Chloride	28.9		mg/l	12/18/96	1461386
	FILTERED	I009	Nitrogen, Ammonia	4.99		mg/l	01/24/97	1461581
	FILTERED	I018	Sulfate as SO4	42.4		mg/l	01/24/97	1[illegible]
			Physical Properties					
		F037	pH Field	6.36		Std. Un	12/18/96	14[illegible]81
		F062	Specific Conductance - Field	358		umhos	12/18/96	1461381
		F064	Temperature - Field	12.1		deg. C	12/18/96	1461381
IW-12								
			Metals - Dissolved					
	FILTERED 1461382	M036	Chromium, Dissolved	< 0.010		mg/l	12/18/96	1461387
			Inorganic Non-metals					
	FILTERED	I005	Chloride	41.0		mg/l	01/24/97	1461583
	FILTERED	I009	Nitrogen, Ammonia	3.80		mg/l	01/24/97	1461583
	FILTERED	I018	Sulfate as SO4	31.3		mg/l	01/24/97	1461583
			Physical Properties					
		F037	pH Field	6.06		Std. Un	12/18/96	1461382
		F062	Specific Conductance - Field	348		umhos	12/18/96	1461382
		F064	Temperature - Field	12.4		deg. C	12/18/96	1461382
IW-13								
			Metals - Dissolved					
	FILTERED	M008	Chromium	< 0.010		mg/l	01/24/97	1461585
			Inorganic Non-metals					
	FILTERED	I005	Chloride	25.8		mg/l	01/24/97	1461585
	FILTERED 1461383	I009	Nitrogen, Ammonia	42.3		mg/l	12/18/96	1461385
	FILTERED 1461383	I018	Sulfate as SO4	159		mg/l	12/18/96	1461385
			Physical Properties					
		F037	pH Field	6.30		Std. Un	12/18/96	1461383
		F062	Specific Conductance - Field	685		umhos	12/18/96	1461383
		F064	Temperature - Field	12.4		deg. C	12/18/96	1461383
M-24/L-54								
			Tentatively Identified Semi-volatile Organics					
		W348	Dimethylethylbenzene	< 1.0		ug/l	08/12/96	1461029

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Inorganic Parameters
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
M-24/L-54								
			Metals					
		M003	Arsenic	< 0.0050		mg/l	08/12/96	1461029
		M004	Barium	< 0.10		mg/l	08/12/96	1461029
		M005	Beryllium	< 0.0040		mg/l	08/12/96	1461029
		M006	Cadmium	< 0.010		mg/l	08/12/96	1461029
		M007	Calcium	21.4		mg/l	08/12/96	1461029
		M008	Chromium	< 0.015		mg/l	07/20/95	1460764
		M008	Chromium	< 0.030		mg/l	08/12/96	1461029
		M009	Cobalt	< 0.050		mg/l	08/12/96	1461029
		M010	Copper	< 0.020		mg/l	08/12/96	1461029
		M011	Iron	< 0.030		mg/l	08/12/96	1461029
		M012	Lead	< 0.0050		mg/l	08/12/96	1461029
		M013	Magnesium	1.43		mg/l	08/12/96	1461029
		M014	Manganese	< 0.015		mg/l	08/12/96	1461029
		M015	Mercury	< 0.00050		mg/l	08/12/96	1461029
		M016	Nickel	< 0.030		mg/l	08/12/96	1461029
		M017	Potassium	2.62		mg/l	08/12/96	1461029
		M018	Selenium	< 0.0050		mg/l	08/12/96	1461029
		M019	Silver	< 0.020		mg/l	08/12/96	1461029
		M020	Sodium	23.2		mg/l	08/12/96	1461029
		M021	Thallium	< 0.0050		mg/l	08/12/96	1461029
		M023	Vanadium	< 0.050		mg/l	08/12/96	1461029
		M024	Zinc	< 0.020		mg/l	08/12/96	1461029
			Inorganic Non-metals					
		I002	Total Alkalinity as CaCO3	50.0		mg/l	08/12/96	1461029
		I005	Chloride	36		mg/l	07/20/95	1460764
		I005	Chloride	33.2		mg/l	08/12/96	1461029
		I009	Nitrogen, Ammonia	< 0.1		mg/l	07/20/95	1460764
		I009	Nitrogen, Ammonia	< 0.50		mg/l	08/12/96	1461029
		I012	Nitrate as N	3.25		mg/l	08/12/96	1461029
		I014	Nitrite as N	< 0.005		mg/l	08/12/96	1461029
		I018	Sulfate as SO4	13		mg/l	07/20/95	1460764
		I018	Sulfate as SO4	< 0.20		mg/l	08/12/96	1461029
		I018	Sulfate as SO4	21		mg/l	08/12/96	1461029
		I018	Sulfate as SO4	21		mg/l	08/12/96	1461029
			Physical Properties					
		F007	Total Dissolved Solids (TDS)	168		mg/l	08/12/96	1461029
		F009	pH Laboratory	7.94		Std. Un	08/12/96	1461029
M-24/L-63								
			Tentatively Identified Semi-volatile Organics					
		W348	Dimethylethylbenzene	< 1.0		ug/l	08/13/96	1461034
			Metals					
		M001	Aluminum	< 0.20		mg/l	08/13/96	1461034
		M002	Antimony	< 0.0050		mg/l	08/13/96	1461034
		M003	Arsenic	< 0.0050		mg/l	08/13/96	1461034
		M004	Barium	< 0.10		mg/l	08/13/96	1461034
		M005	Beryllium	< 0.0040		mg/l	08/13/96	1461034
		M006	Cadmium	< 0.010		mg/l	08/13/96	1461034
		M007	Calcium	72.9		mg/l	08/13/96	1461034
		M008	Chromium	< 0.015		mg/l	07/20/95	1460767
		M008	Chromium	< 0.015		mg/l	02/15/94	1460776
		M008	Chromium	< 0.030		mg/l	08/13/96	1461034
		M009	Cobalt	< 0.050		mg/l	08/13/96	1461034
		M010	Copper	< 0.020		mg/l	08/13/96	1461034
		M011	Iron	< 0.030		mg/l	08/13/96	1461034
		M012	Lead	< 0.0050		mg/l	08/13/96	1461034
		M013	Magnesium	8.16		mg/l	08/13/96	1461034
		M014	Manganese	< 0.010		mg/l	08/13/96	1461034
		M015	Mercury	< 0.00050		mg/l	08/13/96	1461034

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TABLE-22
Groundwater Analytical Results
Inorganic Parameters
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
M-24/L-63								
			Metals					
		M016	Nickel	< 0.030		mg/l	08/13/96	1461034
		M017	Potassium	2.64		mg/l	08/13/96	1461034
		M018	Selenium	< 0.0050		mg/l	08/13/96	1461034
		M019	Silver	< 0.020		mg/l	08/13/96	1461034
		M020	Sodium	20.6		mg/l	08/13/96	1461034
		M021	Thallium	< 0.0050		mg/l	08/13/96	1461034
		M023	Vanadium	< 0.050		mg/l	08/13/96	1461034
		M024	Zinc	< 0.020		mg/l	08/13/96	1461034
			Inorganic Non-metals					
		I002	Total Alkalinity as CaCO3	130		mg/l	08/13/96	1461034
		I005	Chloride	86		mg/l	07/20/95	1460767
		I005	Chloride	66		mg/l	02/15/94	1460776
		I005	Chloride	80.0		mg/l	08/13/96	1461034
		I009	Nitrogen, Ammonia	< 0.1		mg/l	07/20/95	1460767
		I009	Nitrogen, Ammonia	< 0.1		mg/l	02/15/94	1460776
		I009	Nitrogen, Ammonia	< 0.50		mg/l	08/13/96	1461034
		I012	Nitrate as N	2.57		mg/l	08/13/96	1461034
		I014	Nitrite as N	< 0.005		mg/l	08/13/96	1461034
		I018	Sulfate as SO4	18		mg/l	07/20/95	1460767
		I018	Sulfate as SO4	34		mg/l	02/15/94	1460776
		I018	Sulfate as SO4	27		mg/l	08/13/96	1461034
			Physical Properties					
		F007	Total Dissolved Solids (TDS)	319		mg/l	08/13/96	1461034
		F009	pH Laboratory	6.85		Std. Un	08/13/96	1461034
M-24/L-64								
			Tentatively Identified Semi-volatile Organics					
		W348	Dimethylethylbenzene	< 1.0		ug/l	08/12/96	14[illegible]26
			Metals					
		M001	Aluminum	< 0.20		mg/l	08/12/96	1461026
		M002	Antimony	< 0.0050		mg/l	08/12/96	1461026
		M003	Arsenic	< 0.0050		mg/l	08/12/96	1461026
		M004	Barium	< 0.10		mg/l	08/12/96	1461026
		M005	Beryllium	< 0.0040		mg/l	08/12/96	1461026
		M006	Cadmium	< 0.010		mg/l	08/12/96	1461026
		M007	Calcium	64.2		mg/l	08/12/96	1461026
		M008	Chromium	< 0.015		mg/l	07/20/95	1460768
		M008	Chromium	< 0.015		mg/l	05/18/94	1460772
		M008	Chromium	< 0.030		mg/l	08/12/96	1461026
		M009	Cobalt	< 0.050		mg/l	08/12/96	1461026
		M010	Copper	< 0.020		mg/l	08/12/96	1461026
		M011	Iron	0.088		mg/l	08/12/96	1461026
		M012	Lead	0.0063		mg/l	08/12/96	1461026
		M013	Magnesium	10.00		mg/l	08/12/96	1461026
		M014	Manganese	< 0.010		mg/l	08/12/96	1461026
		M015	Mercury	< 0.00050		mg/l	08/12/96	1461026
		M016	Nickel	< 0.030		mg/l	08/12/96	1461026
		M017	Potassium	2.60		mg/l	08/12/96	1461026
		M018	Selenium	< 0.0050		mg/l	08/12/96	1461026
		M019	Silver	< 0.020		mg/l	08/12/96	1461026
		M020	Sodium	11.2		mg/l	08/12/96	1461026
		M021	Thallium	< 0.0050		mg/l	08/12/96	1461026
		M023	Vanadium	< 0.050		mg/l	08/12/96	1461026
		M024	Zinc	< 0.020		mg/l	08/12/96	1461026
			Inorganic Non-metals					
		I002	Total Alkalinity as CaCO3	76.0		mg/l	08/12/96	1461026
		I005	Chloride	98		mg/l	07/20/95	1460768
		I005	Chloride	99		mg/l	05/18/94	1460772
		I005	Chloride	72.1		mg/l	08/12/96	1461026

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Groundwater Analytical Results
Inorganic Parameters
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID		Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
M-24/L-64									
				Inorganic Non-metals					
			I009	Nitrogen, Ammonia	< 0.1		mg/l	07/20/95	1460768
			I009	Nitrogen, Ammonia	< 0.1		mg/l	05/18/94	1460772
			I009	Nitrogen, Ammonia	< 0.50		mg/l	08/12/96	1461026
			I012	Nitrate as N	0.24		mg/l	08/12/96	1461026
			I014	Nitrite as N	< 0.005		mg/l	08/12/96	1461026
			I018	Sulfate as SO4	16		mg/l	07/20/95	1460768
			I018	Sulfate as SO4	20		mg/l	05/18/94	1460772
			I018	Sulfate as SO4	13		mg/l	08/12/96	1461026
				Physical Properties					
			F007	Total Dissolved Solids (TDS)	316		mg/l	08/12/96	1461026
			F009	pH Laboratory	7.32		Std. Un	08/12/96	1461026
M-24/L-65									
				Physical Properties					
	FILTERED		F037	pH Field	7.44		Std. Un	05/21/97	1461671
	FILTERED		F062	Specific Conductance - Field	616		umhos	05/21/97	1461671
	FILTERED		F064	Temperature - Field	16.0		deg. C	05/21/97	1461671
M-24/L-66									
				Tentatively Identified Semi-volatile Organics					
			W348	Dimethylethylbenzene	< 1.0		ug/l	08/12/96	1461031
	DUP OF	1461031	W348	Dimethylethylbenzene	< 1.0		ug/l	08/12/96	1461032
				Metals					
			M001	Aluminum	< 0.20		mg/l	08/12/96	1461031
	DUP OF	1461031	M001	Aluminum	< 0.20		mg/l	08/12/96	1461032
			M002	Antimony	< 0.0050		mg/l	08/12/96	1461031
	DUP OF	1461031	M002	Antimony	< 0.0050		mg/l	08/12/96	1461032
			M003	Arsenic	< 0.0050		mg/l	08/12/96	1461031
	DUP OF	1461031	M003	Arsenic	< 0.0050		mg/l	08/12/96	1461032
			M004	Barium	< 0.10		mg/l	08/12/96	1461031
	DUP OF	1461031	M004	Barium	< 0.10		mg/l	08/12/96	1461032
			M005	Beryllium	< 0.0040		mg/l	08/12/96	1461031
	DUP OF	1461031	M005	Beryllium	< 0.0040		mg/l	08/12/96	1461032
			M006	Cadmium	< 0.010		mg/l	08/12/96	1461031
	DUP OF	1461031	M006	Cadmium	< 0.010		mg/l	08/12/96	1461032
			M007	Calcium	68.9		mg/l	08/12/96	1461031
	DUP OF	1461031	M007	Calcium	69.5		mg/l	08/12/96	1461032
			M008	Chromium	< 0.030		mg/l	08/12/96	1461031
	DUP OF	1461031	M008	Chromium	< 0.030		mg/l	08/12/96	1461032
			M009	Cobalt	< 0.050		mg/l	08/12/96	1461031
	DUP OF	1461031	M009	Cobalt	< 0.050		mg/l	08/12/96	1461032
			M010	Copper	< 0.020		mg/l	08/12/96	1461031
	DUP OF	1461031	M010	Copper	< 0.020		mg/l	08/12/96	1461032
			M011	Iron	0.084		mg/l	08/12/96	1461031
	DUP OF	1461031	M011	Iron	0.095		mg/l	08/12/96	1461032
			M012	Lead	< 0.0050		mg/l	08/12/96	1461031
	DUP OF	1461031	M012	Lead	< 0.0050		mg/l	08/12/96	1461032
			M013	Magnesium	9.78		mg/l	08/12/96	1461031
	DUP OF	1461031	M013	Magnesium	9.80		mg/l	08/12/96	1461032
			M014	Manganese	< 0.010		mg/l	08/12/96	1461031
	DUP OF	1461031	M014	Manganese	< 0.010		mg/l	08/12/96	1461032
			M015	Mercury	< 0.00050		mg/l	08/12/96	1461031
	DUP OF	1461031	M015	Mercury	< 0.00050		mg/l	08/12/96	1461032
			M016	Nickel	< 0.030		mg/l	08/12/96	1461031
	DUP OF	1461031	M016	Nickel	< 0.030		mg/l	08/12/96	1461032
			M017	Potassium	2.17		mg/l	08/12/96	1461031
	DUP OF	1461031	M017	Potassium	2.51		mg/l	08/12/96	1461032
			M018	Selenium	< 0.0050		mg/l	08/12/96	1461031
	DUP OF	1461031	M018	Selenium	< 0.0050		mg/l	08/12/96	1461032

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Groundwater Analytical Results
Inorganic Parameters
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID		Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
M-24/L-66									
				Metals					
			M019	Silver	< 0.020		mg/l	08/12/96	1461031
	DUP OF	1461031	M019	Silver	< 0.020		mg/l	08/12/96	1461032
			M020	Sodium	13.1		mg/l	08/12/96	1461031
	DUP OF	1461031	M020	Sodium	13.1		mg/l	08/12/96	1461032
			M021	Thallium	< 0.0050		mg/l	08/12/96	1461031
	DUP OF	1461031	M021	Thallium	< 0.0050		mg/l	08/12/96	1461032
			M023	Vanadium	< 0.050		mg/l	08/12/96	1461031
	DUP OF	1461031	M023	Vanadium	< 0.050		mg/l	08/12/96	1461032
			M024	Zinc	0.178		mg/l	08/12/96	1461031
	DUP OF	1461031	M024	Zinc	0.182		mg/l	08/12/96	1461032
				Inorganic Non-metals					
			I002	Total Alkalinity as CaCO3	82.0		mg/l	08/12/96	1461031
	DUP OF	1461031	I002	Total Alkalinity as CaCO3	84.0		mg/l	08/12/96	1461032
			I005	Chloride	104		mg/l	08/12/96	1461031
	DUP OF	1461031	I005	Chloride	104		mg/l	08/12/96	1461032
			I009	Nitrogen, Ammonia	< 0.50		mg/l	08/12/96	1461031
	DUP OF	1461031	I009	Nitrogen, Ammonia	< 0.50		mg/l	08/12/96	1461032
			I012	Nitrate as N	0.45		mg/l	08/12/96	1461031
	DUP OF	1461031	I012	Nitrate as N	0.46		mg/l	08/12/96	1461032
			I014	Nitrite as N	< 0.005		mg/l	08/12/96	1461031
	DUP OF	1461031	I014	Nitrite as N	< 0.005		mg/l	08/12/96	1461032
			I018	Sulfate as SO4	18		mg/l	08/12/96	1461031
	DUP OF	1461031	I018	Sulfate as SO4	19		mg/l	08/12/96	1461032
				Physical Properties					
			F007	Total Dissolved Solids (TDS)	342		mg/l	08/12/96	1461031
	DUP OF	1461031	F007	Total Dissolved Solids (TDS)	347		mg/l	08/12/96	14[illegible]32
			F009	pH Laboratory	6.85		Std. Un	08/12/96	1[illegible]1
	DUP OF	1461031	F009	pH Laboratory	6.99		Std. Un	08/12/96	1[illegible]2
M-24/L-72A									
				Tentatively Identified Semi-volatile Organics					
			W348	Dimethylethylbenzene	< 1.0		ug/l	08/13/96	1461038
				Metals					
			M001	Aluminum	< 0.20		mg/l	08/13/96	1461038
			M002	Antimony	< 0.0050		mg/l	08/13/96	1461038
			M003	Arsenic	< 0.0050		mg/l	08/13/96	1461038
			M004	Barium	< 0.10		mg/l	08/13/96	1461038
			M005	Beryllium	< 0.0040		mg/l	08/13/96	1461038
			M006	Cadmium	< 0.010		mg/l	08/13/96	1461038
			M006	Cadmium	< 0.010		mg/l	08/13/96	1461038
			M007	Calcium	61.9		mg/l	08/13/96	1461038
			M008	Chromium	< 0.015		mg/l	02/15/94	1460774
			M008	Chromium	< 0.015		mg/l	07/27/95	1460832
			M009	Cobalt	< 0.050		mg/l	08/13/96	1461038
			M010	Copper	< 0.020		mg/l	08/13/96	1461038
			M011	Iron	< 0.030		mg/l	08/13/96	1461038
			M012	Lead	< 0.0050		mg/l	08/13/96	1461038
			M013	Magnesium	9.16		mg/l	08/13/96	1461038
			M014	Manganese	< 0.010		mg/l	08/13/96	1461038
			M015	Mercury	< 0.00050		mg/l	08/13/96	1461038
			M016	Nickel	< 0.030		mg/l	08/13/96	1461038
			M017	Potassium	2.02		mg/l	08/13/96	1461038
			M018	Selenium	< 0.0050		mg/l	08/13/96	1461038
			M019	Silver	< 0.020		mg/l	08/13/96	1461038
			M020	Sodium	10.5		mg/l	08/13/96	1461038
			M021	Thallium	< 0.0050		mg/l	08/13/96	1461038
			M023	Vanadium	< 0.050		mg/l	08/13/96	1461038
			M024	Zinc	< 0.020		mg/l	08/13/96	1461038

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TABLE-22
Groundwater Analytical Results
Inorganic Parameters
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
M-24/L-72A								
			Inorganic Non-metals					
		I002	Total Alkalinity as CaCO3	84		mg/l	08/13/96	1461038
		I005	Chloride	92		mg/l	02/15/94	1460774
		I005	Chloride	96		mg/l	07/27/95	1460832
		I005	Chloride	88.2		mg/l	08/13/96	1461038
		I009	Nitrogen, Ammonia	< 0.1		mg/l	02/15/94	1460774
		I009	Nitrogen, Ammonia	< 0.10		mg/l	07/27/95	1460832
		I009	Nitrogen, Ammonia	< 0.50		mg/l	08/13/96	1461038
		I012	Nitrate as N	0.20		mg/l	08/13/96	1461038
		I014	Nitrite as N	< 0.005		mg/l	08/13/96	1461038
		I018	Sulfate as SO4	17		mg/l	02/15/94	1460774
		I018	Sulfate as SO4	20		mg/l	07/27/95	1460832
		I018	Sulfate as SO4	18		mg/l	08/13/96	1461038
			Physical Properties					
		F007	Total Dissolved Solids (TDS)	356		mg/l	08/13/96	1461038
		F009	pH Laboratory	7.28		Std. Un	08/13/96	1461038
M-24/L-87A								
			Tentatively Identified Semi-volatile Organics					
		W348	Dimethylethylbenzene	< 1.0		ug/l	08/12/96	1461027
			Metals					
		M001	Aluminum	< 0.20		mg/l	08/12/96	1461027
		M002	Antimony	< 0.0050		mg/l	08/12/96	1461027
		M003	Arsenic	< 0.0050		mg/l	08/12/96	1461027
		M004	Barium	< 0.10		mg/l	08/12/96	1461027
		M005	Beryllium	< 0.0040		mg/l	08/12/96	1461027
		M006	Cadmium	< 0.010		mg/l	08/12/96	1461027
		M007	Calcium	71.5		mg/l	08/12/96	1461027
		M008	Chromium	< 0.015		mg/l	07/20/95	1460766
		M008	Chromium	< 0.015		mg/l	02/15/94	1460775
		M008	Chromium	< 0.030		mg/l	08/12/96	1461027
		M009	Cobalt	< 0.050		mg/l	08/12/96	1461027
		M010	Copper	< 0.020		mg/l	08/12/96	1461027
		M011	Iron	0.097		mg/l	08/12/96	1461027
		M012	Lead	< 0.0050		mg/l	08/12/96	1461027
		M013	Magnesium	5.89		mg/l	08/12/96	1461027
		M014	Manganese	< 0.010		mg/l	08/12/96	1461027
		M015	Mercury	< 0.00050		mg/l	08/12/96	1461027
		M016	Nickel	< 0.030		mg/l	08/12/96	1461027
		M017	Potassium	1.48		mg/l	08/12/96	1461027
		M018	Selenium	< 0.0050		mg/l	08/12/96	1461027
		M019	Silver	< 0.020		mg/l	08/12/96	1461027
		M020	Sodium	32.6		mg/l	08/12/96	1461027
		M021	Thallium	< 0.0050		mg/l	08/12/96	1461027
		M023	Vanadium	< 0.050		mg/l	08/12/96	1461027
		M024	Zinc	< 0.020		mg/l	08/12/96	1461027
			Inorganic Non-metals					
		I002	Total Alkalinity as CaCO3	106		mg/l	08/12/96	1461027
		I005	Chloride	20		mg/l	07/20/95	1460766
		I005	Chloride	5.3		mg/l	02/15/94	1460775
		I005	Chloride	5.3		mg/l	02/15/94	1460775
		I005	Chloride	103		mg/l	08/12/96	1461027
		I009	Nitrogen, Ammonia	< 0.1		mg/l	07/20/95	1460766
		I009	Nitrogen, Ammonia	< 0.1		mg/l	02/15/94	1460775
		I009	Nitrogen, Ammonia	< 0.50		mg/l	08/12/96	1461027
		I012	Nitrate as N	0.97		mg/l	08/12/96	1461027
		I014	Nitrite as N	< 0.005		mg/l	08/12/96	1461027
		I018	Sulfate as SO4	13		mg/l	07/20/95	1460766
		I018	Sulfate as SO4	30		mg/l	08/12/96	1461027

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Inorganic Parameters
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
M-24/L-87A								
			Physical Properties					
		F007	Total Dissolved Solids (TDS)	338		mg/l	08/12/96	1461027
		F009	pH Laboratory	7.11		Std. Un	08/12/96	1461027
M-24/L-94								
			Tentatively Identified Semi-volatile Organics					
		W348	Dimethylethylbenzene	< 1.0		ug/l	08/12/96	1461028
			Metals					
		M001	Aluminum	< 0.20		mg/l	08/12/96	1461028
		M002	Antimony	< 0.0050		mg/l	08/12/96	1461028
		M003	Arsenic	< 0.0050		mg/l	08/12/96	1461028
		M004	Barium	< 0.10		mg/l	08/12/96	1461028
		M005	Beryllium	< 0.0040		mg/l	08/12/96	1461028
		M006	Cadmium	< 0.010		mg/l	08/12/96	1461028
		M007	Calcium	52.5		mg/l	08/12/96	1461028
		M008	Chromium	< 0.015		mg/l	07/20/95	1460769
		M008	Chromium	< 0.015		mg/l	02/15/94	1460773
		M008	Chromium	< 0.030		mg/l	08/12/96	1461028
		M009	Cobalt	< 0.050		mg/l	08/12/96	1461028
		M010	Copper	0.036		mg/l	08/12/96	1461028
		M011	Iron	0.041		mg/l	08/12/96	1461028
		M012	Lead	< 0.0050		mg/l	08/12/96	1461028
		M013	Magnesium	5.60		mg/l	08/12/96	1461028
		M014	Manganese	< 0.010		mg/l	08/12/96	1461028
		M015	Mercury	< 0.00050		mg/l	08/12/96	1461028
		M016	Nickel	< 0.030		mg/l	08/12/96	1461028
		M017	Potassium	2.62		mg/l	08/12/96	14[illegible]28
		M018	Selenium	< 0.0050		mg/l	08/12/96	1[illegible]8
		M019	Silver	< 0.020		mg/l	08/12/96	14[illegible]8
		M020	Sodium	38.7		mg/l	08/12/96	1461028
		M021	Thallium	< 0.0050		mg/l	08/12/96	1461028
		M023	Vanadium	< 0.050		mg/l	08/12/96	1461028
		M024	Zinc	0.030		mg/l	08/12/96	1461028
			Inorganic Non-metals					
		I002	Total Alkalinity as CaCO3	74.0		mg/l	08/12/96	1461028
		I005	Chloride	75		mg/l	07/20/95	1460769
		I005	Chloride	56		mg/l	02/15/94	1460773
		I005	Chloride	107		mg/l	08/12/96	1461028
		I009	Nitrogen, Ammonia	< 0.1		mg/l	07/20/95	1460769
		I009	Nitrogen, Ammonia	< 0.1		mg/l	02/15/94	1460773
		I009	Nitrogen, Ammonia	< 0.50		mg/l	08/12/96	1461028
		I012	Nitrate as N	3.25		mg/l	08/12/96	1461028
		I014	Nitrite as N	< 0.005		mg/l	08/12/96	1461028
		I018	Sulfate as SO4	17		mg/l	07/20/95	1460769
		I018	Sulfate as SO4	23		mg/l	02/15/94	1460773
		I018	Sulfate as SO4	21		mg/l	08/12/96	1461028
			Physical Properties					
		F007	Total Dissolved Solids (TDS)	328		mg/l	08/12/96	1461028
		F009	pH Laboratory	6.89		Std. Un	08/12/96	1461028
M-24/L-116								
			Tentatively Identified Semi-volatile Organics					
		W348	Dimethylethylbenzene	< 1.0		ug/l	08/13/96	1461039
			Metals					
		M001	Aluminum	< 0.20		mg/l	08/13/96	1461039
		M002	Antimony	< 0.0050		mg/l	08/13/96	1461039
		M003	Arsenic	< 0.0050		mg/l	08/13/96	1461039
		M004	Barium	< 0.10		mg/l	08/13/96	1461039
		M005	Beryllium	< 0.0040		mg/l	08/13/96	1461039
		M006	Cadmium	< 0.010		mg/l	08/13/96	1461039

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TABLE-22
Groundwater Analytical Results
Inorganic Parameters
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
M-24/L-116								
			Metals					
		M007	Calcium	< 0.10		mg/l	08/13/96	1461039
		M008	Chromium	< 0.015		mg/l	07/20/95	1460833
		M008	Chromium	< 0.030		mg/l	08/13/96	1461039
		M009	Cobalt	< 0.050		mg/l	08/13/96	1461039
		M010	Copper	0.133		mg/l	08/13/96	1461039
		M011	Iron	< 0.030		mg/l	08/13/96	1461039
		M012	Lead	< 0.0050		mg/l	08/13/96	1461039
		M013	Magnesium	< 0.10		mg/l	08/13/96	1461039
		M014	Manganese	< 0.010		mg/l	08/13/96	1461039
		M015	Mercury	< 0.00050		mg/l	08/13/96	1461039
		M016	Nickel	< 0.030		mg/l	08/13/96	1461039
		M017	Potassium	0.55		mg/l	08/13/96	1461039
		M018	Selenium	< 0.0050		mg/l	08/13/96	1461039
		M019	Silver	< 0.020		mg/l	08/13/96	1461039
		M020	Sodium	175		mg/l	08/13/96	1461039
		M021	Thallium	< 0.0050		mg/l	08/13/96	1461039
		M023	Vanadium	< 0.050		mg/l	08/13/96	1461039
		M024	Zinc	< 0.020		mg/l	08/13/96	1461039
			Inorganic Non-metals					
		I002	Total Alkalinity as CaCO3	32		mg/l	08/13/96	1461039
		I005	Chloride	180		mg/l	07/20/95	1460833
		I005	Chloride	229		mg/l	08/13/96	1461039
		I009	Nitrogen, Ammonia	< 0.10		mg/l	07/20/95	1460833
		I009	Nitrogen, Ammonia	< 0.50		mg/l	08/13/96	1461039
		I012	Nitrate as N	2.69		mg/l	08/13/96	1461039
		I014	Nitrite as N	< 0.005		mg/l	08/13/96	1461039
		I018	Sulfate as SO4	19		mg/l	07/20/95	1460833
		I018	Sulfate as SO4	21		mg/l	08/13/96	1461039
			Physical Properties					
		F007	Total Dissolved Solids (TDS)	520		mg/l	08/13/96	1461039
		F009	pH Laboratory	6.29		Std. Un	08/13/96	1461039
M-24/L-117								
			Tentatively Identified Semi-volatile Organics					
		W348	Dimethylethylbenzene	< 1.0		ug/l	08/13/96	1461033
			Metals					
		M001	Aluminum	< 0.20		mg/l	08/13/96	1461033
		M002	Antimony	< 0.0050		mg/l	08/13/96	1461033
		M003	Arsenic	< 0.0050		mg/l	08/13/96	1461033
		M004	Barium	< 0.10		mg/l	08/13/96	1461033
		M005	Beryllium	< 0.0040		mg/l	08/13/96	1461033
		M006	Cadmium	< 0.010		mg/l	08/13/96	1461033
		M007	Calcium	53.6		mg/l	08/13/96	1461033
		M008	Chromium	< 0.015		mg/l	05/18/94	1460771
		M008	Chromium	< 0.030		mg/l	08/13/96	1461033
		M009	Cobalt	< 0.050		mg/l	08/13/96	1461033
		M010	Copper	< 0.020		mg/l	08/13/96	1461033
		M011	Iron	0.100		mg/l	08/13/96	1461033
		M012	Lead	0.0056		mg/l	08/13/96	1461033
		M013	Magnesium	7.08		mg/l	08/13/96	1461033
		M014	Manganese	0.075		mg/l	08/13/96	1461033
		M015	Mercury	< 0.00050		mg/l	08/13/96	1461033
		M016	Nickel	< 0.030		mg/l	08/13/96	1461033
		M017	Potassium	1.87		mg/l	08/13/96	1461033
		M018	Selenium	< 0.0050		mg/l	08/13/96	1461033
		M019	Silver	< 0.020		mg/l	08/13/96	1461033
		M020	Sodium	31.3		mg/l	08/13/96	1461033
		M021	Thallium	< 0.0050		mg/l	08/13/96	1461033
		M023	Vanadium	< 0.050		mg/l	08/13/96	1461033

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TABLE-22
Groundwater Analytical Results
Inorganic Parameters
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
M-24/L-117								
			Metals					
		M024	Zinc	< 0.020		mg/l	08/13/96	1461033
			Inorganic Non-metals					
		I002	Total Alkalinity as CaCO3	84.0		mg/l	08/13/96	1461033
		I005	Chloride	58		mg/l	05/18/94	1460771
		I005	Chloride	78.7		mg/l	08/13/96	1461033
		I009	Nitrogen, Ammonia	< 0.1		mg/l	05/18/94	1460771
		I009	Nitrogen, Ammonia	< 0.50		mg/l	08/13/96	1461033
		I012	Nitrate as N	0.51		mg/l	08/13/96	1461033
		I014	Nitrite as N	< 0.005		mg/l	08/13/96	1461033
		I018	Sulfate as SO4	18		mg/l	05/18/94	1460771
		I018	Sulfate as SO4	30		mg/l	08/13/96	1461033
			Physical Properties					
		F007	Total Dissolved Solids (TDS)	316		mg/l	08/13/96	1461033
		F009	pH Laboratory	7.30		Std. Un	08/13/96	1461033
M-25/L-04								
			Tentatively Identified Semi-volatile Organics					
		W348	Dimethylethylbenzene	< 1.0		ug/l	08/12/96	1461030
			Metals					
		M001	Aluminum	< 0.20		mg/l	08/12/96	1461030
		M002	Antimony	< 0.0050		mg/l	08/12/96	1461030
		M003	Arsenic	< 0.0050		mg/l	08/12/96	1461030
		M004	Barium	< 0.10		mg/l	08/12/96	1461030
		M005	Beryllium	< 0.0040		mg/l	08/12/96	1461030
		M006	Cadmium	< 0.010		mg/l	08/12/96	1461030
		M007	Calcium	34.4		mg/l	08/12/96	1[illegible]30
		M008	Chromium	< 0.015		mg/l	02/15/94	1[illegible]7
		M008	Chromium	< 0.030		mg/l	08/12/96	1[illegible]30
		M009	Cobalt	< 0.050		mg/l	08/12/96	1461030
		M010	Copper	0.043		mg/l	08/12/96	1461030
		M011	Iron	< 0.030		mg/l	08/12/96	1461030
		M012	Lead	< 0.0050		mg/l	08/12/96	1461030
		M013	Magnesium	4.98		mg/l	08/12/96	1461030
		M014	Manganese	0.115		mg/l	08/12/96	1461030
		M015	Mercury	< 0.00050		mg/l	08/12/96	1461030
		M016	Nickel	< 0.030		mg/l	08/12/96	1461030
		M017	Potassium	2.87		mg/l	08/12/96	1461030
		M018	Selenium	< 0.0050		mg/l	08/12/96	1461030
		M019	Silver	< 0.020		mg/l	08/12/96	1461030
		M020	Sodium	121		mg/l	08/12/96	1461030
		M021	Thallium	< 0.0050		mg/l	08/12/96	1461030
		M023	Vanadium	< 0.050		mg/l	08/12/96	1461030
		M024	Zinc	< 0.020		mg/l	08/12/96	1461030
			Inorganic Non-metals					
		I002	Total Alkalinity as CaCO3	26.0		mg/l	08/12/96	1461030
		I005	Chloride	91		mg/l	02/15/94	1460777
		I005	Chloride	235		mg/l	08/12/96	1461030
		I009	Nitrogen, Ammonia	< 0.1		mg/l	02/15/94	1460777
		I009	Nitrogen, Ammonia	< 0.50		mg/l	08/12/96	1461030
		I012	Nitrate as N	0.88		mg/l	08/12/96	1461030
		I014	Nitrite as N	< 0.005		mg/l	08/12/96	1461030
		I018	Sulfate as SO4	31		mg/l	02/15/94	1460777
		I018	Sulfate as SO4	21		mg/l	08/12/96	1461030
			Physical Properties					
		F007	Total Dissolved Solids (TDS)	463		mg/l	08/12/96	1461030
		F009	pH Laboratory	5.93		Std. Un	08/12/96	1461030

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Groundwater Analytical Results
Inorganic Parameters
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID		Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
M-25/L-07									
				Tentatively Identified Semi-volatile Organics					
			W348	Dimethylethylbenzene	< 1.0		ug/l	08/13/96	1461035
				Metals					
			M001	Aluminum	< 0.20		mg/l	08/13/96	1461035
			M002	Antimony	< 0.0050		mg/l	08/13/96	1461035
			M003	Arsenic	< 0.0050		mg/l	08/13/96	1461035
			M004	Barium	< 0.10		mg/l	08/13/96	1461035
			M005	Beryllium	< 0.0040		mg/l	08/13/96	1461035
			M006	Cadmium	< 0.010		mg/l	08/13/96	1461035
			M007	Calcium	13.2		mg/l	08/13/96	1461035
			M008	Chromium	< 0.030		mg/l	08/13/96	1461035
			M009	Cobalt	< 0.050		mg/l	08/13/96	1461035
			M010	Copper	< 0.020		mg/l	08/13/96	1461035
			M011	Iron	0.554		mg/l	08/13/96	1461035
			M012	Lead	< 0.0050		mg/l	08/13/96	1461035
			M013	Magnesium	1.99		mg/l	08/13/96	1461035
			M014	Manganese	0.859		mg/l	08/13/96	1461035
			M015	Mercury	< 0.00050		mg/l	08/13/96	1461035
			M016	Nickel	< 0.030		mg/l	08/13/96	1461035
			M017	Potassium	1.64		mg/l	08/13/96	1461035
			M018	Selenium	< 0.0050		mg/l	08/13/96	1461035
			M019	Silver	< 0.020		mg/l	08/13/96	1461035
			M020	Sodium	15.3		mg/l	08/13/96	1461035
			M021	Thallium	< 0.0050		mg/l	08/13/96	1461035
			M023	Vanadium	< 0.050		mg/l	08/13/96	1461035
			M024	Zinc	< 0.020		mg/l	08/13/96	1461035
				Inorganic Non-metals					
			I002	Total Alkalinity as CaCO3	42.0		mg/l	08/13/96	1461035
			I005	Chloride	19.0		mg/l	08/13/96	1461035
			I009	Nitrogen, Ammonia	< 0.50		mg/l	08/13/96	1461035
			I012	Nitrate as N	0.48		mg/l	08/13/96	1461035
			I014	Nitrite as N	< 0.005		mg/l	08/13/96	1461035
			I018	Sulfate as SO4	18		mg/l	08/13/96	1461035
				Physical Properties					
			F007	Total Dissolved Solids (TDS)	143		mg/l	08/13/96	1461035
			F009	pH Laboratory	6.03		Std. Un	08/13/96	1461035
M-25/L-08-IN									
				Tentatively Identified Semi-volatile Organics					
			W348	Dimethylethylbenzene	< 1.0		ug/l	08/13/96	1461036
	DUP OF	1461036	W348	Dimethylethylbenzene	< 1.0		ug/l	08/13/96	1461037
				Metals					
			M001	Aluminum	< 0.20		mg/l	08/13/96	1461036
	DUP OF	1461036	M001	Aluminum	< 0.20		mg/l	08/13/96	1461037
			M002	Antimony	< 0.0050		mg/l	08/13/96	1461036
	DUP OF	1461036	M002	Antimony	< 0.0050		mg/l	08/13/96	1461037
			M003	Arsenic	< 0.0050		mg/l	08/13/96	1461036
	DUP OF	1461036	M003	Arsenic	< 0.0050		mg/l	08/13/96	1461037
			M004	Barium	< 0.10		mg/l	08/13/96	1461036
	DUP OF	1461036	M004	Barium	< 0.10		mg/l	08/13/96	1461037
			M005	Beryllium	< 0.0040		mg/l	08/13/96	1461036
	DUP OF	1461036	M005	Beryllium	< 0.0040		mg/l	08/13/96	1461037
			M006	Cadmium	< 0.010		mg/l	08/13/96	1461036
	DUP OF	1461036	M006	Cadmium	< 0.010		mg/l	08/13/96	1461037
			M007	Calcium	7.53		mg/l	08/13/96	1461036
	DUP OF	1461036	M007	Calcium	7.68		mg/l	08/13/96	1461037
			M008	Chromium	< 0.015		mg/l	07/20/95	1460770
			M008	Chromium	< 0.015		mg/l	02/15/94	1460778
			M008	Chromium	< 0.030		mg/l	08/13/96	1461036
	DUP OF	1461036	M008	Chromium	< 0.030		mg/l	08/13/96	1461037

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TABLE-22
Groundwater Analytical Results
Inorganic Parameters
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID		Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
M-25/L-08-IN									
				Metals					
			M009	Cobalt	< 0.050		mg/l	08/13/96	1461036
	DUP OF	1461036	M009	Cobalt	< 0.050		mg/l	08/13/96	1461037
			M010	Copper	0.103		mg/l	08/13/96	1461036
	DUP OF	1461036	M010	Copper	0.104		mg/l	08/13/96	1461037
			M011	Iron	0.065		mg/l	08/13/96	1461036
	DUP OF	1461036	M011	Iron	0.049		mg/l	08/13/96	1461037
			M012	Lead	< 0.0050		mg/l	08/13/96	1461036
	DUP OF	1461036	M012	Lead	< 0.0050		mg/l	08/13/96	1461037
			M013	Magnesium	1.28		mg/l	08/13/96	1461036
	DUP OF	1461036	M013	Magnesium	1.31		mg/l	08/13/96	1461037
			M014	Manganese	0.043		mg/l	08/13/96	1461036
	DUP OF	1461036	M014	Manganese	0.048		mg/l	08/13/96	1461037
			M015	Mercury	< 0.00050		mg/l	08/13/96	1461036
	DUP OF	1461036	M015	Mercury	< 0.00050		mg/l	08/13/96	1461037
			M016	Nickel	< 0.030		mg/l	08/13/96	1461036
	DUP OF	1461036	M016	Nickel	< 0.030		mg/l	08/13/96	1461037
			M017	Potassium	1.65		mg/l	08/13/96	1461036
	DUP OF	1461036	M017	Potassium	1.62		mg/l	08/13/96	1461037
			M018	Selenium	< 0.0050		mg/l	08/13/96	1461036
	DUP OF	1461036	M018	Selenium	< 0.0050		mg/l	08/13/96	1461037
			M019	Silver	< 0.020		mg/l	08/13/96	1461036
	DUP OF	1461036	M019	Silver	< 0.020		mg/l	08/13/96	1461037
			M020	Sodium	23.3		mg/l	08/13/96	1461036
	DUP OF	1461036	M020	Sodium	24.3		mg/l	08/13/96	1461037
			M021	Thallium	< 0.0050		mg/l	08/13/96	1461036
	DUP OF	1461036	M021	Thallium	< 0.0050		mg/l	08/13/96	14[illegible]7
			M023	Vanadium	< 0.050		mg/l	08/13/96	1[illegible]
	DUP OF	1461036	M023	Vanadium	< 0.050		mg/l	08/13/96	14[illegible]7
			M024	Zinc	0.098		mg/l	08/13/96	1461036
	DUP OF	1461036	M024	Zinc	0.049		mg/l	08/13/96	1461037
				Inorganic Non-metals					
			I002	Total Alkalinity as CaCO3	20		mg/l	08/13/96	1461036
	DUP OF	1461036	I002	Total Alkalinity as CaCO3	20		mg/l	08/13/96	1461037
			I005	Chloride	40		mg/l	07/20/95	1460770
			I005	Chloride	51		mg/l	02/15/94	1460778
			I005	Chloride	32.2		mg/l	08/13/96	1461036
	DUP OF	1461036	I005	Chloride	34.1		mg/l	08/13/96	1461037
			I009	Nitrogen, Ammonia	0.44		mg/l	07/20/95	1460770
			I009	Nitrogen, Ammonia	0.42		mg/l	02/15/94	1460778
			I009	Nitrogen, Ammonia	< 0.50		mg/l	08/13/96	1461036
	DUP OF	1461036	I009	Nitrogen, Ammonia	< 0.50		mg/l	08/13/96	1461037
			I012	Nitrate as N	0.44		mg/l	08/13/96	1461036
	DUP OF	1461036	I012	Nitrate as N	0.45		mg/l	08/13/96	1461037
			I014	Nitrite as N	< 0.005		mg/l	08/13/96	1461036
	DUP OF	1461036	I014	Nitrite as N	< 0.005		mg/l	08/13/96	1461037
			I018	Sulfate as SO4	20		mg/l	07/20/95	1460770
			I018	Sulfate as SO4	14		mg/l	02/15/94	1460778
			I018	Sulfate as SO4	22		mg/l	08/13/96	1461036
	DUP OF	1461036	I018	Sulfate as SO4	18		mg/l	08/13/96	1461037
				Physical Properties					
			F007	Total Dissolved Solids (TDS)	88		mg/l	08/13/96	1461036
	DUP OF	1461036	F007	Total Dissolved Solids (TDS)	118		mg/l	08/13/96	1461037
			F009	pH Laboratory	5.69		Std. Un	08/13/96	1461036
	DUP OF	1461036	F009	pH Laboratory	5.72		Std. Un	08/13/96	1461037
MB-1									
				Metals					
			M001	Aluminum	18.8		mg/l	10/07/96	1461200
			M008	Chromium	0.3		mg/l	10/07/96	1461200

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TABLE-22
Groundwater Analytical Results
Inorganic Parameters
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
MB-1								
			Inorganic Non-metals					
		I005	Chloride	97.6		mg/l	10/07/96	1461200
		I009	Nitrogen, Ammonia	3.13		mg/l	10/07/96	1461200
		I018	Sulfate as SO4	135		mg/l	10/07/96	1461200
			Physical Properties					
		F037	pH Field	7.00		Std. Un	10/07/96	1461200
		F062	Specific Conductance - Field	900		umhos	10/07/96	1461200
MB-2								
			Metals					
		M001	Aluminum	< 0.20		mg/l	10/11/96	1461236
		M008	Chromium	< 0.010		mg/l	10/11/96	1461236
			Inorganic Non-metals					
		I005	Chloride	205		mg/l	10/11/96	1461236
		I009	Nitrogen, Ammonia	0.30		mg/l	10/11/96	1461236
		I018	Sulfate as SO4	54.7		mg/l	10/11/96	1461236
			Physical Properties					
		F037	pH Field	6.93		Std. Un	10/11/96	1461236
		F062	Specific Conductance - Field	835		umhos	10/11/96	1461236
		F064	Temperature - Field	13.4		deg. C	10/11/96	1461236
MB-3								
			Metals					
		M001	Aluminum	191		mg/l	11/12/96	1461367
		M002	Antimony	< 0.06		mg/l	11/12/96	1461367
		M003	Arsenic	0.019		mg/l	11/12/96	1461367
		M004	Barium	0.199		mg/l	11/12/96	1461367
		M005	Beryllium	< 0.005		mg/l	11/12/96	1461367
		M006	Cadmium	< 0.005		mg/l	11/12/96	1461367
		M007	Calcium	290		mg/l	11/12/96	1461367
		M008	Chromium	1.55		mg/l	11/12/96	1461367
		M009	Cobalt	0.304		mg/l	11/12/96	1461367
		M010	Copper	0.426		mg/l	11/12/96	1461367
		M011	Iron	410		mg/l	11/12/96	1461367
		M012	Lead	0.003		mg/l	11/12/96	1461367
		M013	Magnesium	192		mg/l	11/12/96	1461367
		M014	Manganese	5.67		mg/l	11/12/96	1461367
		M015	Mercury	< 0.2		ug/l	11/12/96	1461367
		M016	Nickel	0.785		mg/l	11/12/96	1461367
		M017	Potassium	66.6		mg/l	11/12/96	1461367
		M018	Selenium	0.010		mg/l	11/12/96	1461367
		M019	Silver	0.117		mg/l	11/12/96	1461367
		M020	Sodium	67.4		mg/l	11/12/96	1461367
		M021	Thallium	0.030		mg/l	11/12/96	1461367
		M023	Vanadium	0.691		mg/l	11/12/96	1461367
		M024	Zinc	1.15		mg/l	11/12/96	1461367
			Inorganic Non-metals					
		I005	Chloride	106		mg/l	11/12/96	1461367
		I009	Nitrogen, Ammonia	< 0.5		mg/l	11/12/96	1461367
		I018	Sulfate as SO4	109		mg/l	11/12/96	1461367
			Physical Properties					
		F037	pH Field	6.70		Std. Un	11/12/96	1461367
		F062	Specific Conductance - Field	478		umhos	11/12/96	1461367
		F064	Temperature - Field	11.0		deg. C	11/12/96	1461367
MP-1 #01								
			Metals - Dissolved					
	FILTERED	M028	Arsenic, Dissolved	0.77		mg/l	04/18/96	1460812
	FILTERED 1460948	M028	Arsenic, Dissolved	0.92		mg/l	05/23/96	1460894
	FILTERED	M029	Barium, Dissolved	< 0.050		mg/l	04/18/96	1460812

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TABLE-22
Groundwater Analytical Results
Inorganic Parameters
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
MP-1 #01								
			Metals - Dissolved					
	FILTERED 1460948	M029	Barium, Dissolved	< 0.13		mg/l	05/23/96	1460894
	FILTERED	M031	Beryllium, Dissolved	< 0.25		mg/l	04/18/96	1460812
	FILTERED 1460948	M031	Beryllium, Dissolved	0.14		mg/l	05/23/96	1460894
	FILTERED	M032	Silver, Dissolved	< 0.15		mg/l	04/18/96	1460812
	FILTERED 1460948	M032	Silver, Dissolved	< 0.38		mg/l	05/23/96	1460894
	FILTERED	M033	Calcium, Dissolved	420		mg/l	04/18/96	1460812
	FILTERED 1460948	M033	Calcium, Dissolved	460		mg/l	05/23/96	1460894
	FILTERED	M034	Cadmium, Dissolved	< 0.10		mg/l	04/18/96	1460812
	FILTERED 1460948	M034	Cadmium, Dissolved	< 0.25		mg/l	05/23/96	1460894
	FILTERED	M035	Hexavalent Chromium, Dissolved	150		mg/l	04/18/96	1460812
	FILTERED 1460948	M035	Hexavalent Chromium, Dissolved	70		mg/l	05/23/96	1460894
	FILTERED 1460948	M035	Hexavalent Chromium, Dissolved	< 0.05		mg/l	05/23/96	1460894
	FILTERED	M036	Chromium, Dissolved	2200		mg/l	04/18/96	1460812
	FILTERED 1460948	M036	Chromium, Dissolved	2100		mg/l	05/23/96	1460894
	FILTERED	M037	Copper, Dissolved	7.8		mg/l	04/18/96	1460812
	FILTERED 1460948	M037	Copper, Dissolved	9.7		mg/l	05/23/96	1460894
	FILTERED	M040	Iron, Dissolved	2800		mg/l	04/18/96	1460812
	FILTERED 1460948	M040	Iron, Dissolved	3400		mg/l	05/23/96	1460894
	FILTERED 1460948	M040	Iron, Dissolved	3400		mg/l	05/23/96	1460894
	FILTERED	M041	Mercury, Dissolved	4.7		ug/l	04/18/96	1460812
	FILTERED 1460948	M041	Mercury, Dissolved	3.1		ug/l	05/23/96	1460894
	FILTERED	M042	Potassium, Dissolved	66		mg/l	04/18/96	1460812
	FILTERED	M044	Magnesium, Dissolved	1500		mg/l	04/18/96	1460812
	FILTERED 1460948	M044	Magnesium, Dissolved	1800		mg/l	05/23/96	1460894
	FILTERED	M045	Manganese, Dissolved	200		mg/l	04/18/96	1460812
	FILTERED 1460948	M045	Manganese, Dissolved	260		mg/l	05/23/96	[illegible]
	FILTERED	M047	Sodium, Dissolved	25000		mg/l	04/18/96	[illegible]
	FILTERED 1460948	M047	Sodium, Dissolved	23000		mg/l	05/23/96	[illegible]
	FILTERED	M048	Lead, Dissolved	0.16		mg/l	04/18/96	1460812
	FILTERED 1460948	M048	Lead, Dissolved	0.22		mg/l	05/23/96	1460894
	FILTERED	M050	Selenium, Dissolved	< 0.10		mg/l	04/18/96	1460812
	FILTERED 1460948	M050	Selenium, Dissolved	< 0.25		mg/l	05/23/96	1460894
	FILTERED	M053	Zinc, Dissolved	19		mg/l	04/18/96	1460812
	FILTERED 1460948	M053	Zinc, Dissolved	21		mg/l	05/23/96	1460894
	FILTERED	M054	Aluminum, Dissolved	1800		mg/l	04/18/96	1460812
	FILTERED 1460948	M054	Aluminum, Dissolved	2100		mg/l	05/23/96	1460894
	FILTERED	M055	Cobalt, Dissolved	9.2		mg/l	04/18/96	1460812
	FILTERED 1460948	M055	Cobalt, Dissolved	12		mg/l	05/23/96	1460894
	FILTERED	M059	Nickel, Dissolved	8.3		mg/l	04/18/96	1460812
	FILTERED 1460948	M059	Nickel, Dissolved	9.9		mg/l	05/23/96	1460894
	FILTERED	M098	Thallium, Dissolved	< 0.38		mg/l	04/18/96	1460812
	FILTERED 1460948	M098	Thallium, Dissolved	< 0.38		mg/l	05/23/96	1460894
	FILTERED	M099	Vanadium, Dissolved	1.3		mg/l	04/18/96	1460812
	FILTERED 1460948	M099	Vanadium, Dissolved	1.7		mg/l	05/23/96	1460894
	FILTERED	M100	Antimony, Dissolved	0.74		mg/l	04/18/96	1460812
	FILTERED 1460948	M100	Antimony, Dissolved	0.99		mg/l	05/23/96	1460894
		M111	Total Iron, Field	3400		mg/l	05/23/96	1460948
		M112	Iron as Fe+2 - Field	2700		mg/l	05/23/96	1460948
		M113	Iron as Fe+3 - Field	700		mg/l	05/23/96	1460948
		M114	Hexavalent Chromium, Field	< 0.00		mg/l	05/23/96	1460948
			Inorganic Non-metals					
	FILTERED	I005	Chloride	17000		mg/l	04/18/96	1460812
	FILTERED 1460948	I005	Chloride	91000		mg/l	05/23/96	1460894
	FILTERED	I009	Nitrogen, Ammonia	7.1		mg/l	04/18/96	1460812
		I009	Nitrogen, Ammonia	170		mg/l	05/23/96	1460948
	FILTERED	I018	Sulfate as SO4	74000		mg/l	04/18/96	1460812
	FILTERED 1460948	I018	Sulfate as SO4	73000		mg/l	05/23/96	1460894
		I059	Dissolved Oxygen, Field	0.37		mg/l	05/23/96	1460948
		I060	Eh Field	213.2		mv	05/23/96	1460948

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Groundwater Analytical Results
Inorganic Parameters
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
MP-1 #01								
			Inorganic Non-metals					
	FILTERED	I070	Bicarbonate as HCO3	< NR	NA	mg/l	04/18/96	1460812
		I070	Bicarbonate as HCO3	< NR		mg/l	05/23/96	1460948
	FILTERED	I071	Nitrate & Nitrite as N	2.1		mg/l	04/18/96	1460812
		I071	Nitrate & Nitrite as N	2.0		mg/l	05/23/96	1460948
			Physical Properties					
	FILTERED	F009	pH Laboratory	3.70		Std. Un	04/18/96	1460812
	FILTERED 1460948	F009	pH Laboratory	3.60		Std. Un	05/23/96	1460894
		F024	Specific Gravity	1.05		g/ml	05/23/96	1460948
		F037	pH Field	3.76		Std. Un	05/23/96	1460948
		F062	Specific Conductance - Field	90200		umhos	05/23/96	1460948
		F064	Temperature - Field	13.1		deg. C	05/23/96	1460948
MP-1 #02								
			Metals - Dissolved					
	FILTERED	M028	Arsenic, Dissolved	0.57		mg/l	04/18/96	1460807
	FILTERED 1460949	M028	Arsenic, Dissolved	0.80		mg/l	05/23/96	1460895
	FILTERED	M029	Barium, Dissolved	< 0.050		mg/l	04/18/96	1460807
	FILTERED 1460949	M029	Barium, Dissolved	< 0.13		mg/l	05/23/96	1460895
	FILTERED	M031	Beryllium, Dissolved	< 0.13		mg/l	04/18/96	1460807
	FILTERED 1460949	M031	Beryllium, Dissolved	< 0.13		mg/l	05/23/96	1460895
	FILTERED	M032	Silver, Dissolved	< 0.15		mg/l	04/18/96	1460807
	FILTERED 1460949	M032	Silver, Dissolved	< 0.38		mg/l	05/23/96	1460895
	FILTERED	M033	Calcium, Dissolved	420		mg/l	04/18/96	1460807
	FILTERED 1460949	M033	Calcium, Dissolved	550		mg/l	05/23/96	1460895
	FILTERED	M034	Cadmium, Dissolved	< 0.10		mg/l	04/18/96	1460807
	FILTERED 1460949	M034	Cadmium, Dissolved	< 0.25		mg/l	05/23/96	1460895
	FILTERED	M035	Hexavalent Chromium, Dissolved	97		mg/l	04/18/96	1460807
	FILTERED 1460949	M035	Hexavalent Chromium, Dissolved	42		mg/l	05/23/96	1460895
	FILTERED 1460949	M035	Hexavalent Chromium, Dissolved	< 0.050		mg/l	05/23/96	1460895
	FILTERED	M036	Chromium, Dissolved	1900		mg/l	04/18/96	1460807
	FILTERED 1460949	M036	Chromium, Dissolved	1800		mg/l	05/23/96	1460895
	FILTERED	M037	Copper, Dissolved	9.2		mg/l	04/18/96	1460807
	FILTERED 1460949	M037	Copper, Dissolved	9.2		mg/l	05/23/96	1460895
	FILTERED	M040	Iron, Dissolved	2100		mg/l	04/18/96	1460807
	FILTERED 1460949	M040	Iron, Dissolved	2300		mg/l	05/23/96	1460895
	FILTERED	M041	Mercury, Dissolved	1.6		ug/l	04/18/96	1460807
	FILTERED 1460949	M041	Mercury, Dissolved	0.58		ug/l	05/23/96	1460895
	FILTERED	M042	Potassium, Dissolved	26		mg/l	04/18/96	1460807
	FILTERED 1460949	M042	Potassium, Dissolved	21		mg/l	05/23/96	1460895
	FILTERED	M044	Magnesium, Dissolved	1200		mg/l	04/18/96	1460807
	FILTERED 1460949	M044	Magnesium, Dissolved	1400		mg/l	05/23/96	1460895
	FILTERED	M045	Manganese, Dissolved	190		mg/l	04/18/96	1460807
	FILTERED 1460949	M045	Manganese, Dissolved	220		mg/l	05/23/96	1460895
	FILTERED	M047	Sodium, Dissolved	19000		mg/l	04/18/96	1460807
	FILTERED 1460949	M047	Sodium, Dissolved	19000		mg/l	05/23/96	1460895
	FILTERED	M048	Lead, Dissolved	0.084		mg/l	04/18/96	1460807
	FILTERED 1460949	M048	Lead, Dissolved	< 0.13		mg/l	05/23/96	1460895
	FILTERED	M050	Selenium, Dissolved	< 0.10		mg/l	04/18/96	1460807
	FILTERED 1460949	M050	Selenium, Dissolved	< 0.25		mg/l	05/23/96	1460895
	FILTERED	M053	Zinc, Dissolved	15		mg/l	04/18/96	1460807
	FILTERED 1460949	M053	Zinc, Dissolved	16		mg/l	05/23/96	1460895
	FILTERED	M054	Aluminum, Dissolved	1500		mg/l	04/18/96	1460807
	FILTERED 1460949	M054	Aluminum, Dissolved	1700		mg/l	05/23/96	1460895
	FILTERED	M055	Cobalt, Dissolved	8.7		mg/l	04/18/96	1460807
	FILTERED 1460949	M055	Cobalt, Dissolved	10		mg/l	05/23/96	1460895
	FILTERED	M059	Nickel, Dissolved	7.3		mg/l	04/18/96	1460807
	FILTERED 1460949	M059	Nickel, Dissolved	8.0		mg/l	05/23/96	1460895
	FILTERED	M098	Thallium, Dissolved	< 0.38		mg/l	04/18/96	1460807
	FILTERED 1460949	M098	Thallium, Dissolved	< 0.38		mg/l	05/23/96	1460895

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TABLE-22
Groundwater Analytical Results
Inorganic Parameters
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
MP-1 #02								
			Metals - Dissolved					
	FILTERED	M099	Vanadium, Dissolved	< 1.3		mg/l	04/18/96	1460807
	FILTERED 1460949	M099	Vanadium, Dissolved	1.2		mg/l	05/23/96	1460895
	FILTERED	M100	Antimony, Dissolved	0.68		mg/l	04/18/96	1460807
	FILTERED 1460949	M100	Antimony, Dissolved	0.81		mg/l	05/23/96	1460895
		M111	Total Iron, Field	2490		mg/l	05/23/96	1460949
		M112	Iron as Fe+2 - Field	2150		mg/l	05/23/96	1460949
		M113	Iron as Fe+3 - Field	340		mg/l	05/23/96	1460949
		M114	Hexavalent Chromium, Field	< 0.00		mg/l	05/23/96	1460949
			Inorganic Non-metals					
	FILTERED	I005	Chloride	13000		mg/l	04/18/96	1460807
	FILTERED 1460949	I005	Chloride	69000		mg/l	05/23/96	1460895
	FILTERED	I009	Nitrogen, Ammonia	5.9		mg/l	04/18/96	1460807
		I009	Nitrogen, Ammonia	230		mg/l	05/23/96	1460949
	FILTERED	I018	Sulfate as SO4	64000		mg/l	04/18/96	1460807
	FILTERED 1460949	I018	Sulfate as SO4	72000		mg/l	05/23/96	1460895
		I059	Dissolved Oxygen, Field	0.47		mg/l	05/23/96	1460949
		I060	Eh Field	182.5		mv	05/23/96	1460949
	FILTERED	I070	Bicarbonate as HCO3	< NR	NA	mg/l	04/18/96	1460807
		I070	Bicarbonate as HCO3	< NR		mg/l	05/23/96	1460949
	FILTERED	I071	Nitrate & Nitrite as N	2.5		mg/l	04/18/96	1460807
		I071	Nitrate & Nitrite as N	3.1		mg/l	05/23/96	1460949
			Physical Properties					
	FILTERED	F009	pH Laboratory	3.70		Std. Un	04/18/96	1460807
	FILTERED 1460949	F009	pH Laboratory	3.60		Std. Un	05/23/96	1460895
		F024	Specific Gravity	1.07		g/ml	05/23/96	1460949
		F037	pH Field	3.65		Std. Un	05/23/96	1[illegible]9
		F062	Specific Conductance - Field	70900		umhos	05/23/96	1[illegible]
		F064	Temperature - Field	12.6		deg. C	05/23/96	14[illegible]9
MP-1 #03								
			Metals - Dissolved					
	FILTERED 1460950	M028	Arsenic, Dissolved	0.54		mg/l	05/23/96	1460896
	FILTDUP 1460896	M028	Arsenic, Dissolved	0.51		mg/l	05/23/96	1460897
	FILTERED 1460950	M029	Barium, Dissolved	< 0.13		mg/l	05/23/96	1460896
	FILTDUP 1460896	M029	Barium, Dissolved	< 0.13		mg/l	05/23/96	1460897
	FILTERED 1460950	M031	Beryllium, Dissolved	0.13		mg/l	05/23/96	1460896
	FILTDUP 1460896	M031	Beryllium, Dissolved	< 0.13		mg/l	05/23/96	1460897
	FILTERED 1460950	M032	Silver, Dissolved	< 0.38		mg/l	05/23/96	1460896
	FILTDUP 1460896	M032	Silver, Dissolved	< 0.38		mg/l	05/23/96	1460897
	FILTERED 1460950	M033	Calcium, Dissolved	550		mg/l	05/23/96	1460896
	FILTDUP 1460896	M033	Calcium, Dissolved	540		mg/l	05/23/96	1460897
	FILTERED 1460950	M034	Cadmium, Dissolved	< 0.25		mg/l	05/23/96	1460896
	FILTDUP 1460896	M034	Cadmium, Dissolved	< 0.25		mg/l	05/23/96	1460897
	FILTERED 1460950	M035	Hexavalent Chromium, Dissolved	< 0.050		mg/l	05/23/96	1460896
	FILTERED 1460950	M035	Hexavalent Chromium, Dissolved	28		mg/l	05/23/96	1460896
	FILTDUP 1460896	M035	Hexavalent Chromium, Dissolved	0.050		mg/l	05/23/96	1460897
	FILTDUP 1460896	M035	Hexavalent Chromium, Dissolved	< 0.050		mg/l	05/23/96	1460897
	FILTERED 1460950	M036	Chromium, Dissolved	1400		mg/l	05/23/96	1460896
	FILTDUP 1460896	M036	Chromium, Dissolved	1400		mg/l	05/23/96	1460897
	FILTDUP 1460896	M036	Chromium, Dissolved	1400		mg/l	05/23/96	1460897
	FILTERED 1460950	M037	Copper, Dissolved	6.8		mg/l	05/23/96	1460896
	FILTDUP 1460896	M037	Copper, Dissolved	6.7		mg/l	05/23/96	1460897
	FILTERED 1460950	M040	Iron, Dissolved	1800		mg/l	05/23/96	1460896
	FILTERED 1460950	M041	Mercury, Dissolved	< 0.20		ug/l	05/23/96	1460896
	FILTDUP 1460896	M041	Mercury, Dissolved	< 0.20		ug/l	05/23/96	1460897
	FILTERED 1460950	M042	Potassium, Dissolved	< 5.0		mg/l	05/23/96	1460896
	FILTDUP 1460896	M042	Potassium, Dissolved	< 5.0		mg/l	05/23/96	1460897
	FILTERED 1460950	M044	Magnesium, Dissolved	1200		mg/l	05/23/96	1460896
	FILTDUP 1460896	M044	Magnesium, Dissolved	1200		mg/l	05/23/96	1460897

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TABLE-22
Groundwater Analytical Results
Inorganic Parameters
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
MP-1 #03								
			Metals - Dissolved					
	FILTERED 1460950	M045	Manganese, Dissolved	160		mg/l	05/23/96	1460896
	FILTDUP 1460896	M045	Manganese, Dissolved	160		mg/l	05/23/96	1460897
	FILTERED 1460950	M047	Sodium, Dissolved	16000		mg/l	05/23/96	1460896
	FILTDUP 1460896	M047	Sodium, Dissolved	15000		mg/l	05/23/96	1460897
	FILTERED 1460950	M048	Lead, Dissolved	< 0.13		mg/l	05/23/96	1460896
	FILTDUP 1460896	M048	Lead, Dissolved	< 0.13		mg/l	05/23/96	1460897
	FILTERED 1460950	M050	Selenium, Dissolved	< 0.25		mg/l	05/23/96	1460896
	FILTDUP 1460896	M050	Selenium, Dissolved	< 0.25		mg/l	05/23/96	1460897
	FILTERED 1460950	M053	Zinc, Dissolved	13		mg/l	05/23/96	1460896
	FILTDUP 1460896	M053	Zinc, Dissolved	13		mg/l	05/23/96	1460897
	FILTERED 1460950	M054	Aluminum, Dissolved	1800		mg/l	05/23/96	1460896
	FILTDUP 1460896	M054	Aluminum, Dissolved	1700		mg/l	05/23/96	1460897
	FILTERED 1460950	M055	Cobalt, Dissolved	7.2		mg/l	05/23/96	1460896
	FILTDUP 1460896	M055	Cobalt, Dissolved	7.1		mg/l	05/23/96	1460897
	FILTERED 1460950	M059	Nickel, Dissolved	7.0		mg/l	05/23/96	1460896
	FILTDUP 1460896	M059	Nickel, Dissolved	6.8		mg/l	05/23/96	1460897
	FILTERED 1460950	M098	Thallium, Dissolved	< 0.38		mg/l	05/23/96	1460896
	FILTDUP 1460896	M098	Thallium, Dissolved	< 0.38		mg/l	05/23/96	1460897
	FILTERED 1460950	M099	Vanadium, Dissolved	0.93		mg/l	05/23/96	1460896
	FILTDUP 1460896	M099	Vanadium, Dissolved	0.91		mg/l	05/23/96	1460897
	FILTERED 1460950	M100	Antimony, Dissolved	0.59		mg/l	05/23/96	1460896
	FILTDUP 1460896	M100	Antimony, Dissolved	0.56		mg/l	05/23/96	1460897
		M111	Total Iron, Field	1980		mg/l	05/23/96	1460950
		M112	Iron as Fe+2 - Field	1880		mg/l	05/23/96	1460950
		M113	Iron as Fe+3 - Field	100		mg/l	05/23/96	1460950
		M114	Hexavalent Chromium, Field	< 0.00		mg/l	05/23/96	1460950
			Inorganic Non-metals					
	FILTERED 1460950	I005	Chloride	14000		mg/l	05/23/96	1460896
	FILTDUP 1460896	I005	Chloride	13000		mg/l	05/23/96	1460897
		I009	Nitrogen, Ammonia	170		mg/l	05/23/96	1460950
	DUP OF 1460950	I009	Nitrogen, Ammonia	370		mg/l	05/23/96	1460951
	FILTERED 1460950	I018	Sulfate as SO4	59000		mg/l	05/23/96	1460896
	FILTDUP 1460896	I018	Sulfate as SO4	59000		mg/l	05/23/96	1460897
		I059	Dissolved Oxygen, Field	0.33		mg/l	05/23/96	1460950
		I060	Eh Field	234.1		mv	05/23/96	1460950
		I070	Bicarbonate as HCO3	< NR		mg/l	05/23/96	1460950
	DUP OF 1460950	I070	Bicarbonate as HCO3	< NR		mg/l	05/23/96	1460951
		I071	Nitrate & Nitrite as N	3.5		mg/l	05/23/96	1460950
	DUP OF 1460950	I071	Nitrate & Nitrite as N	3.7		mg/l	05/23/96	1460951
			Physical Properties					
	FILTERED 1460950	F009	pH Laboratory	3.50		Std. Un	05/23/96	1460896
	FILTDUP 1460896	F009	pH Laboratory	3.50		Std. Un	05/23/96	1460897
	FILTDUP 1460896	F024	Specific Gravity	1.04		g/ml	05/23/96	1460897
		F024	Specific Gravity	1.02		g/ml	05/23/96	1460950
		F037	pH Field	3.68		Std. Un	05/23/96	1460950
		F062	Specific Conductance - Field	70200		umhos	05/23/96	1460950
		F064	Temperature - Field	11.7		deg. C	05/23/96	1460950
MP-1 #04								
			Metals - Dissolved					
	FILTERED	M028	Arsenic, Dissolved	0.064		mg/l	04/18/96	1460808
	FILTERED 1460947	M028	Arsenic, Dissolved	0.16		mg/l	05/23/96	1460893
	FILTERED	M029	Barium, Dissolved	< 0.025		mg/l	04/18/96	1460808
	FILTERED 1460947	M029	Barium, Dissolved	0.007		mg/l	05/23/96	1460893
	FILTERED	M031	Beryllium, Dissolved	< 0.13		mg/l	04/18/96	1460808
	FILTERED 1460947	M031	Beryllium, Dissolved	0.067		mg/l	05/23/96	1460893
	FILTERED	M032	Silver, Dissolved	< 0.075		mg/l	04/18/96	1460808
	FILTERED 1460947	M032	Silver, Dissolved	< 0.38		mg/l	05/23/96	1460893
	FILTERED	M033	Calcium, Dissolved	420		mg/l	04/18/96	1460808

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TABLE-22
Groundwater Analytical Results
Inorganic Parameters
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
MP-1 #04								
			Metals - Dissolved					
	FILTERED 1460947	M033	Calcium, Dissolved	530		mg/l	05/23/96	1460893
	FILTERED	M034	Cadmium, Dissolved	< 0.050		mg/l	04/18/96	1460808
	FILTERED 1460947	M034	Cadmium, Dissolved	0.047		mg/l	05/23/96	1460893
	FILTERED	M035	Hexavalent Chromium, Dissolved	12		mg/l	04/18/96	1460808
	FILTERED 1460947	M035	Hexavalent Chromium, Dissolved	7.0		mg/l	05/23/96	1460893
	FILTERED 1460947	M035	Hexavalent Chromium, Dissolved	< 0.025		mg/l	05/23/96	1460893
	FILTERED	M036	Chromium, Dissolved	400		mg/l	04/18/96	1460808
	FILTERED 1460947	M036	Chromium, Dissolved	350		mg/l	05/23/96	1460893
	FILTERED	M037	Copper, Dissolved	4.7		mg/l	04/18/96	1460808
	FILTERED 1460947	M037	Copper, Dissolved	5.3		mg/l	05/23/96	1460893
	FILTERED	M040	Iron, Dissolved	190.0		mg/l	04/18/96	1460808
	FILTERED 1460947	M040	Iron, Dissolved	190		mg/l	05/23/96	1460893
	FILTERED	M041	Mercury, Dissolved	1.0		ug/l	04/18/96	1460808
	FILTERED 1460947	M041	Mercury, Dissolved	< 0.20		ug/l	05/23/96	1460893
	FILTERED	M042	Potassium, Dissolved	< 5.0		mg/l	04/18/96	1460808
	FILTERED 1460947	M042	Potassium, Dissolved	< 5.0		mg/l	05/23/96	1460893
	FILTERED	M044	Magnesium, Dissolved	900		mg/l	04/18/96	1460808
	FILTERED 1460947	M044	Magnesium, Dissolved	1100		mg/l	05/23/96	1460893
	FILTERED	M045	Manganese, Dissolved	110		mg/l	04/18/96	1460808
	FILTERED 1460947	M045	Manganese, Dissolved	120		mg/l	05/23/96	1460893
	FILTERED	M047	Sodium, Dissolved	9300		mg/l	04/18/96	1460808
	FILTERED 1460947	M047	Sodium, Dissolved	8900		mg/l	05/23/96	1460893
	FILTERED	M048	Lead, Dissolved	< 0.025		mg/l	04/18/96	1460808
	FILTERED 1460947	M048	Lead, Dissolved	0.030		mg/l	05/23/96	1460893
	FILTERED	M050	Selenium, Dissolved	< 0.050		mg/l	04/18/96	1460808
	FILTERED 1460947	M050	Selenium, Dissolved	< 0.010		mg/l	05/23/96	1[illegible]23
	FILTERED	M053	Zinc, Dissolved	8.7		mg/l	04/18/96	1[illegible]8
	FILTERED 1460947	M053	Zinc, Dissolved	10		mg/l	05/23/96	14[illegible]3
	FILTERED	M054	Aluminum, Dissolved	1200		mg/l	04/18/96	1460808
	FILTERED 1460947	M054	Aluminum, Dissolved	1300		mg/l	05/23/96	1460893
	FILTERED	M055	Cobalt, Dissolved	4.7		mg/l	04/18/96	1460808
	FILTERED 1460947	M055	Cobalt, Dissolved	3.6		mg/l	05/23/96	1460893
	FILTERED	M059	Nickel, Dissolved	4.6		mg/l	04/18/96	1460808
	FILTERED 1460947	M059	Nickel, Dissolved	5.4		mg/l	05/23/96	1460893
	FILTERED	M098	Thallium, Dissolved	< 0.075		mg/l	04/18/96	1460808
	FILTERED 1460947	M098	Thallium, Dissolved	< 0.38		mg/l	05/23/96	1460893
	FILTERED	M099	Vanadium, Dissolved	< 1.3		mg/l	04/18/96	1460808
	FILTERED 1460947	M099	Vanadium, Dissolved	< 0.63		mg/l	05/23/96	1460893
	FILTERED	M100	Antimony, Dissolved	0.080		mg/l	04/18/96	1460808
	FILTERED 1460947	M100	Antimony, Dissolved	0.061		mg/l	05/23/96	1460893
		M111	Total Iron, Field	196		mg/l	05/23/96	1460947
		M112	Iron as Fe+2 - Field	195		mg/l	05/23/96	1460947
		M113	Iron as Fe+3 - Field	1.00		mg/l	05/23/96	1460947
		M114	Hexavalent Chromium, Field	< 0.00		mg/l	05/23/96	1460947
			Inorganic Non-metals					
	FILTERED	I005	Chloride	6400		mg/l	04/18/96	1460808
	FILTERED 1460947	I005	Chloride	3900		mg/l	05/23/96	1460893
	FILTERED	I009	Nitrogen, Ammonia	6.3		mg/l	04/18/96	1460808
		I009	Nitrogen, Ammonia	850		mg/l	05/23/96	1460947
	FILTERED	I018	Sulfate as SO4	42000		mg/l	04/18/96	1460808
	FILTERED 1460947	I018	Sulfate as SO4	31000		mg/l	05/23/96	1460893
		I059	Dissolved Oxygen, Field	0.95		mg/l	05/23/96	1460947
		I060	Eh Field	312.8		mv	05/23/96	1460947
	FILTERED	I070	Bicarbonate as HCO3	< NR	NA	mg/l	04/18/96	1460808
		I070	Bicarbonate as HCO3	< NR		mg/l	05/23/96	1460947
	FILTERED	I071	Nitrate & Nitrite as N	7.6		mg/l	04/18/96	1460808
		I071	Nitrate & Nitrite as N	8.0		mg/l	05/23/96	1460947
			Physical Properties					
	FILTERED	F009	pH Laboratory	3.50		Std. Un	04/18/96	1460808

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Groundwater Analytical Results
Inorganic Parameters
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
MP-1 #04								
			Physical Properties					
	FILTERED 1460947	F009	pH Laboratory	3.40		Std. Un	05/23/96	1460893
		F024	Specific Gravity	1.01		g/ml	05/23/96	1460947
		F037	pH Field	3.46		Std. Un	05/23/96	1460947
		F062	Specific Conductance - Field	45300		umhos	05/23/96	1460947
		F064	Temperature - Field	14.0		deg. C	05/23/96	1460947
MP-1 #05								
			Metals - Dissolved					
	FILTERED	M028	Arsenic, Dissolved	< 0.008		mg/l	04/18/96	1460813
	FILTERED 1460952	M028	Arsenic, Dissolved	< 0.008		mg/l	05/23/96	1460898
	FILTERED	M029	Barium, Dissolved	0.006		mg/l	04/18/96	1460813
	FILTERED 1460952	M029	Barium, Dissolved	0.009		mg/l	05/23/96	1460898
	FILTERED	M031	Beryllium, Dissolved	0.007		mg/l	04/18/96	1460813
	FILTERED 1460952	M031	Beryllium, Dissolved	0.008		mg/l	05/23/96	1460898
	FILTERED	M032	Silver, Dissolved	< 0.015		mg/l	04/18/96	1460813
	FILTERED 1460952	M032	Silver, Dissolved	< 0.015		mg/l	05/23/96	1460898
	FILTERED	M033	Calcium, Dissolved	260		mg/l	04/18/96	1460813
	FILTERED 1460952	M033	Calcium, Dissolved	440		mg/l	05/23/96	1460898
	FILTERED	M034	Cadmium, Dissolved	< 0.010		mg/l	04/18/96	1460813
	FILTERED 1460952	M034	Cadmium, Dissolved	< 0.010		mg/l	05/23/96	1460898
	FILTERED	M035	Hexavalent Chromium, Dissolved	< 0.010		mg/l	04/18/96	1460813
	FILTERED 1460952	M035	Hexavalent Chromium, Dissolved	< 0.010		mg/l	05/23/96	1460898
	FILTERED 1460952	M035	Hexavalent Chromium, Dissolved	< 0.15		mg/l	05/23/96	1460898
	FILTERED 1460952	M035	Hexavalent Chromium, Dissolved	< 0.010		mg/l	05/23/96	1460898
	FILTERED	M036	Chromium, Dissolved	2.5		mg/l	04/18/96	1460813
	FILTERED 1460952	M036	Chromium, Dissolved	3.5		mg/l	05/23/96	1460898
	FILTERED	M037	Copper, Dissolved	0.17		mg/l	04/18/96	1460813
	FILTERED	M040	Iron, Dissolved	5.70		mg/l	04/18/96	1460813
	FILTERED 1460952	M040	Iron, Dissolved	6.50		mg/l	05/23/96	1460898
	FILTERED	M041	Mercury, Dissolved	< 0.20		ug/l	04/18/96	1460813
	FILTERED 1460952	M041	Mercury, Dissolved	< 0.20		ug/l	05/23/96	1460898
	FILTERED	M042	Potassium, Dissolved	1.6		mg/l	04/18/96	1460813
	FILTERED 1460952	M042	Potassium, Dissolved	< 1.0		mg/l	05/23/96	1460898
	FILTERED	M044	Magnesium, Dissolved	96		mg/l	04/18/96	1460813
	FILTERED 1460952	M044	Magnesium, Dissolved	150		mg/l	05/23/96	1460898
	FILTERED	M045	Manganese, Dissolved	9.7		mg/l	04/18/96	1460813
	FILTERED 1460952	M045	Manganese, Dissolved	9.3		mg/l	05/23/96	1460898
	FILTERED	M047	Sodium, Dissolved	830		mg/l	04/18/96	1460813
	FILTERED 1460952	M047	Sodium, Dissolved	800		mg/l	05/23/96	1460898
	FILTERED	M048	Lead, Dissolved	< 0.005		mg/l	04/18/96	1460813
	FILTERED 1460952	M048	Lead, Dissolved	< 0.005		mg/l	05/23/96	1460898
	FILTERED	M050	Selenium, Dissolved	< 0.010		mg/l	04/18/96	1460813
	FILTERED 1460952	M050	Selenium, Dissolved	< 0.010		mg/l	05/23/96	1460898
	FILTERED	M053	Zinc, Dissolved	0.66		mg/l	04/18/96	1460813
	FILTERED 1460952	M053	Zinc, Dissolved	0.96		mg/l	05/23/96	1460898
	FILTERED	M054	Aluminum, Dissolved	78		mg/l	04/18/96	1460813
	FILTERED 1460952	M054	Aluminum, Dissolved	110		mg/l	05/23/96	1460898
	FILTERED	M055	Cobalt, Dissolved	0.18		mg/l	04/18/96	1460813
	FILTERED 1460952	M055	Cobalt, Dissolved	0.28		mg/l	05/23/96	1460898
	FILTERED	M059	Nickel, Dissolved	0.31		mg/l	04/18/96	1460813
	FILTERED 1460952	M059	Nickel, Dissolved	0.44		mg/l	05/23/96	1460898
	FILTERED	M098	Thallium, Dissolved	< 0.015		mg/l	04/18/96	1460813
	FILTERED 1460952	M098	Thallium, Dissolved	< 0.015		mg/l	05/23/96	1460898
	FILTERED	M099	Vanadium, Dissolved	< 0.025		mg/l	04/18/96	1460813
	FILTERED 1460952	M099	Vanadium, Dissolved	< 0.025		mg/l	05/23/96	1460898
	FILTERED	M100	Antimony, Dissolved	< 0.008		mg/l	04/18/96	1460813
	FILTERED 1460952	M100	Antimony, Dissolved	< 0.008		mg/l	05/23/96	1460898
		M111	Total Iron, Field	6.3		mg/l	05/23/96	1460952
		M112	Iron as Fe+2 - Field	6.8		mg/l	05/23/96	1460952

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Groundwater Analytical Results
Inorganic Parameters
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
MP-1 #05								
			Metals - Dissolved					
		M113	Iron as Fe+3 - Field	< 0.01		mg/l	05/23/96	1460952
		M114	Hexavalent Chromium, Field	< 0.00		mg/l	05/23/96	1460952
			Inorganic Non-metals					
	FILTERED	I005	Chloride	900		mg/l	04/18/96	1460813
	FILTERED 1460952	I005	Chloride	8300		mg/l	05/23/96	1460898
	FILTERED	I009	Nitrogen, Ammonia	220		mg/l	04/18/96	1460813
		I009	Nitrogen, Ammonia	620		mg/l	05/23/96	1460952
	FILTERED	I018	Sulfate as SO4	5300		mg/l	04/18/96	1460813
	FILTERED 1460952	I018	Sulfate as SO4	4800		mg/l	05/23/96	1460898
		I059	Dissolved Oxygen, Field	0.32		mg/l	05/23/96	1460952
		I060	Eh Field	351.3		mv	05/23/96	1460952
	FILTERED	I070	Bicarbonate as HCO3	< NR	NA	mg/l	04/18/96	1460813
		I070	Bicarbonate as HCO3	< NR		mg/l	05/23/96	1460952
	FILTERED	I071	Nitrate & Nitrite as N	2.9		mg/l	04/18/96	1460813
		I071	Nitrate & Nitrite as N	3.5		mg/l	05/23/96	1460952
			Physical Properties					
	FILTERED	F009	pH Laboratory	3.90		Std. Un	04/18/96	1460813
	FILTERED 1460952	F009	pH Laboratory	3.90		Std. Un	05/23/96	1460898
		F024	Specific Gravity	0.976		g/ml	05/23/96	1460952
		F037	pH Field	3.96		Std. Un	05/23/96	1460952
		F062	Specific Conductance - Field	9900		umhos	05/23/96	1460952
		F064	Temperature - Field	11.6		deg. C	05/23/96	1460952
MP-1 #06								
			Metals - Dissolved					
	FILTERED 1460954	M028	Arsenic, Dissolved	< 0.008		mg/l	05/23/96	1[illegible]00
	FILTERED 1460954	M029	Barium, Dissolved	0.008		mg/l	05/23/96	1[illegible]0
	FILTERED 1460954	M031	Beryllium, Dissolved	< 0.005		mg/l	05/23/96	1[illegible]00
	FILTERED 1460954	M032	Silver, Dissolved	< 0.015		mg/l	05/23/96	1460900
	FILTERED 1460954	M033	Calcium, Dissolved	230		mg/l	05/23/96	1460900
	FILTERED 1460954	M034	Cadmium, Dissolved	< 0.010		mg/l	05/23/96	1460900
	FILTERED 1460954	M035	Hexavalent Chromium, Dissolved	< 0.15		mg/l	05/23/96	1460900
	FILTERED 1460954	M036	Chromium, Dissolved	0.029		mg/l	05/23/96	1460900
	FILTERED 1460954	M037	Copper, Dissolved	< 0.025		mg/l	05/23/96	1460900
	FILTERED 1460954	M040	Iron, Dissolved	0.79		mg/l	05/23/96	1460900
	FILTERED 1460954	M041	Mercury, Dissolved	< 0.20		ug/l	05/23/96	1460900
	FILTERED 1460954	M041	Mercury, Dissolved	< 0.20		ug/l	05/23/96	1460900
	FILTERED 1460954	M042	Potassium, Dissolved	1.5		mg/l	05/23/96	1460900
	FILTERED 1460954	M045	Manganese, Dissolved	0.54		mg/l	05/23/96	1460900
	FILTERED 1460954	M047	Sodium, Dissolved	85		mg/l	05/23/96	1460900
	FILTERED 1460954	M048	Lead, Dissolved	< 0.005		mg/l	05/23/96	1460900
	FILTERED 1460954	M050	Selenium, Dissolved	< 0.010		mg/l	05/23/96	1460900
	FILTERED 1460954	M054	Aluminum, Dissolved	0.51		mg/l	05/23/96	1460900
	FILTERED 1460954	M055	Cobalt, Dissolved	< 0.030		mg/l	05/23/96	1460900
	FILTERED 1460954	M059	Nickel, Dissolved	< 0.040		mg/l	05/23/96	1460900
	FILTERED 1460954	M098	Thallium, Dissolved	< 0.015		mg/l	05/23/96	1460900
	FILTERED 1460954	M099	Vanadium, Dissolved	< 0.025		mg/l	05/23/96	1460900
	FILTERED 1460954	M100	Antimony, Dissolved	< 0.008		mg/l	05/23/96	1460900
		M111	Total Iron, Field	0.65		mg/l	05/23/96	1460954
		M112	Iron as Fe+2 - Field	0.30		mg/l	05/23/96	1460954
		M113	Iron as Fe+3 - Field	0.35		mg/l	05/23/96	1460954
		M114	Hexavalent Chromium, Field	< 0.00		mg/l	05/23/96	1460954
			Inorganic Non-metals					
	FILTERED 1460954	I005	Chloride	55		mg/l	05/23/96	1460900
		I009	Nitrogen, Ammonia	64		mg/l	05/23/96	1460954
	FILTERED 1460954	I018	Sulfate as SO4	720		mg/l	05/23/96	1460900
		I059	Dissolved Oxygen, Field	0.90		mg/l	05/23/96	1460954
		I060	Eh Field	133.9		mv	05/23/96	1460954
		I070	Bicarbonate as HCO3	150		mg/l	05/23/96	1460954

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TABLE-22
Groundwater Analytical Results
Inorganic Parameters
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
MP-1 #06								
			Inorganic Non-metals					
		I071	Nitrate & Nitrite as N	6.9		mg/l	05/23/96	1460954
			Physical Properties					
	FILTERED 1460954	F009	pH Laboratory	6.20		Std. Un	05/23/96	1460900
		F037	pH Field	6.05		Std. Un	05/23/96	1460954
		F062	Specific Conductance - Field	1850		umhos	05/23/96	1460954
		F064	Temperature - Field	13.6		deg. C	05/23/96	1460954
MP-1 #07								
			Metals - Dissolved					
	FILTERED 1460953	M028	Arsenic, Dissolved	< 0.008		mg/l	05/23/96	1460899
	FILTERED 1460953	M029	Barium, Dissolved	0.013		mg/l	05/23/96	1460899
	FILTERED 1460953	M031	Beryllium, Dissolved	< 0.005		mg/l	05/23/96	1460899
	FILTERED 1460953	M032	Silver, Dissolved	< 0.015		mg/l	05/23/96	1460899
	FILTERED 1460953	M033	Calcium, Dissolved	210		mg/l	05/23/96	1460899
	FILTERED 1460953	M034	Cadmium, Dissolved	< 0.010		mg/l	05/23/96	1460899
	FILTERED 1460953	M035	Hexavalent Chromium, Dissolved	< 0.15		mg/l	05/23/96	1460899
	FILTERED 1460953	M036	Chromium, Dissolved	< 0.015		mg/l	05/23/96	1460899
	FILTERED 1460953	M037	Copper, Dissolved	< 0.025		mg/l	05/23/96	1460899
	FILTERED 1460953	M040	Iron, Dissolved	< 0.025		mg/l	05/23/96	1460899
	FILTERED 1460953	M041	Mercury, Dissolved	< 0.20		ug/l	05/23/96	1460899
	FILTERED 1460953	M042	Potassium, Dissolved	1.1		mg/l	05/23/96	1460899
	FILTERED 1460953	M044	Magnesium, Dissolved	3.6		mg/l	05/23/96	1460899
	FILTERED 1460953	M045	Manganese, Dissolved	0.27		mg/l	05/23/96	1460899
	FILTERED 1460953	M047	Sodium, Dissolved	33		mg/l	05/23/96	1460899
	FILTERED 1460953	M048	Lead, Dissolved	< 0.005		mg/l	05/23/96	1460899
	FILTERED 1460953	M050	Selenium, Dissolved	< 0.010		mg/l	05/23/96	1460899
	FILTERED 1460953	M053	Zinc, Dissolved	< 0.025		mg/l	05/23/96	1460899
	FILTERED 1460953	M054	Aluminum, Dissolved	< 0.10		mg/l	05/23/96	1460899
	FILTERED 1460953	M055	Cobalt, Dissolved	< 0.030		mg/l	05/23/96	1460899
	FILTERED 1460953	M059	Nickel, Dissolved	< 0.040		mg/l	05/23/96	1460899
	FILTERED 1460953	M098	Thallium, Dissolved	< 0.015		mg/l	05/23/96	1460899
	FILTERED 1460953	M099	Vanadium, Dissolved	< 0.025		mg/l	05/23/96	1460899
	FILTERED 1460953	M100	Antimony, Dissolved	< 0.008		mg/l	05/23/96	1460899
		M111	Total Iron, Field	< 0.01		mg/l	05/23/96	1460953
		M112	Iron as Fe+2 - Field	< 0.01		mg/l	05/23/96	1460953
		M113	Iron as Fe+3 - Field	< 0.01		mg/l	05/23/96	1460953
		M114	Hexavalent Chromium, Field	< 0.00		mg/l	05/23/96	1460953
			Inorganic Non-metals					
	FILTERED 1460953	I005	Chloride	27		mg/l	05/23/96	1460899
		I009	Nitrogen, Ammonia	27		mg/l	05/23/96	1460953
	FILTERED 1460953	I018	Sulfate as SO4	370		mg/l	05/23/96	1460899
		I059	Dissolved Oxygen, Field	0.39		mg/l	05/23/96	1460953
		I060	Eh Field	218.5		mv	05/23/96	1460953
		I070	Bicarbonate as HCO3	190		mg/l	05/23/96	1460953
		I071	Nitrate & Nitrite as N	8.4		mg/l	05/23/96	1460953
			Physical Properties					
	FILTERED 1460953	F009	pH Laboratory	7.30		Std. Un	05/23/96	1460899
		F024	Specific Gravity	0.988		g/ml	05/23/96	1460953
		F037	pH Field	7.25		Std. Un	05/23/96	1460953
		F062	Specific Conductance - Field	1120		umhos	05/23/96	1460953
		F064	Temperature - Field	13.5		deg. C	05/23/96	1460953
MP-1 #08								
			Metals - Dissolved					
	FILTERED	M028	Arsenic, Dissolved	< 0.008		mg/l	04/18/96	1460809
	FILTERED 1460955	M028	Arsenic, Dissolved	< 0.008		mg/l	05/23/96	1460901
	FILTERED	M029	Barium, Dissolved	0.020		mg/l	04/18/96	1460809
	FILTERED 1460955	M029	Barium, Dissolved	0.022		mg/l	05/23/96	1460901
	FILTERED	M031	Beryllium, Dissolved	< 0.005		mg/l	04/18/96	1460809

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TABLE-22
Groundwater Analytical Results
Inorganic Parameters
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
MP-1 #08								
			Metals - Dissolved					
	FILTERED 1460955	M031	Beryllium, Dissolved	< 0.005		mg/l	05/23/96	1460901
	FILTERED	M032	Silver, Dissolved	< 0.015		mg/l	04/18/96	1460809
	FILTERED 1460955	M032	Silver, Dissolved	< 0.015		mg/l	05/23/96	1460901
	FILTERED	M033	Calcium, Dissolved	130		mg/l	04/18/96	1460809
	FILTERED 1460955	M033	Calcium, Dissolved	120		mg/l	05/23/96	1460901
	FILTERED	M034	Cadmium, Dissolved	< 0.010		mg/l	04/18/96	1460809
	FILTERED 1460955	M034	Cadmium, Dissolved	< 0.010		mg/l	05/23/96	1460901
	FILTERED	M035	Hexavalent Chromium, Dissolved	< 0.010		mg/l	04/18/96	1460809
	FILTERED 1460955	M035	Hexavalent Chromium, Dissolved	< 0.15		mg/l	05/23/96	1460901
	FILTERED	M036	Chromium, Dissolved	< 0.015		mg/l	04/18/96	1460809
	FILTERED 1460955	M036	Chromium, Dissolved	0.033		mg/l	05/23/96	1460901
	FILTERED	M037	Copper, Dissolved	< 0.025		mg/l	04/18/96	1460809
	FILTERED 1460955	M037	Copper, Dissolved	< 0.025		mg/l	05/23/96	1460901
	FILTERED	M040	Iron, Dissolved	< 0.025		mg/l	04/18/96	1460809
	FILTERED 1460955	M040	Iron, Dissolved	0.062		mg/l	05/23/96	1460901
	FILTERED	M041	Mercury, Dissolved	< 0.20		ug/l	04/18/96	1460809
	FILTERED 1460955	M041	Mercury, Dissolved	< 0.20		ug/l	05/23/96	1460901
	FILTERED	M042	Potassium, Dissolved	1.6		mg/l	04/18/96	1460809
	FILTERED 1460955	M042	Potassium, Dissolved	< 1.0		mg/l	05/23/96	1460901
	FILTERED	M044	Magnesium, Dissolved	4.4		mg/l	04/18/96	1460809
	FILTERED 1460955	M044	Magnesium, Dissolved	3.9		mg/l	05/23/96	1460901
	FILTERED	M045	Manganese, Dissolved	0.35		mg/l	04/18/96	1460809
	FILTERED 1460955	M045	Manganese, Dissolved	0.34		mg/l	05/23/96	1460901
	FILTERED	M047	Sodium, Dissolved	49		mg/l	04/18/96	1460809
	FILTERED 1460955	M047	Sodium, Dissolved	49		mg/l	05/23/96	1460901
	FILTERED	M048	Lead, Dissolved	< 0.005		mg/l	04/18/96	1[illegible]09
	FILTERED 1460955	M048	Lead, Dissolved	< 0.005		mg/l	05/23/96	1[illegible]1
	FILTERED	M050	Selenium, Dissolved	< 0.010		mg/l	04/18/96	1[illegible]09
	FILTERED 1460955	M050	Selenium, Dissolved	< 0.010		mg/l	05/23/96	1460901
	FILTERED	M053	Zinc, Dissolved	< 0.025		mg/l	04/18/96	1460809
	FILTERED 1460955	M053	Zinc, Dissolved	< 0.025		mg/l	05/23/96	1460901
	FILTERED	M054	Aluminum, Dissolved	< 0.10		mg/l	04/18/96	1460809
	FILTERED 1460955	M054	Aluminum, Dissolved	< 0.10		mg/l	05/23/96	1460901
	FILTERED	M055	Cobalt, Dissolved	< 0.030		mg/l	04/18/96	1460809
	FILTERED 1460955	M055	Cobalt, Dissolved	< 0.030		mg/l	05/23/96	1460901
	FILTERED	M059	Nickel, Dissolved	< 0.040		mg/l	04/18/96	1460809
	FILTERED 1460955	M059	Nickel, Dissolved	< 0.040		mg/l	05/23/96	1460901
	FILTERED	M098	Thallium, Dissolved	< 0.015		mg/l	04/18/96	1460809
	FILTERED 1460955	M098	Thallium, Dissolved	< 0.015		mg/l	05/23/96	1460901
	FILTERED	M099	Vanadium, Dissolved	< 0.025		mg/l	04/18/96	1460809
	FILTERED 1460955	M099	Vanadium, Dissolved	< 0.025		mg/l	05/23/96	1460901
	FILTERED	M100	Antimony, Dissolved	< 0.008		mg/l	04/18/96	1460809
	FILTERED 1460955	M100	Antimony, Dissolved	< 0.008		mg/l	05/23/96	1460901
		M111	Total Iron, Field	< 0.01		mg/l	05/23/96	1460955
		M112	Iron as Fe+2 - Field	< 0.01		mg/l	05/23/96	1460955
		M113	Iron as Fe+3 - Field	< 0.01		mg/l	05/23/96	1460955
		M114	Hexavalent Chromium, Field	< 0.00		mg/l	05/23/96	1460955
			Inorganic Non-metals					
	FILTERED	I005	Chloride	42		mg/l	04/18/96	1460809
	FILTERED 1460955	I005	Chloride	28		mg/l	05/23/96	1460901
	FILTERED	I009	Nitrogen, Ammonia	30		mg/l	04/18/96	1460809
		I009	Nitrogen, Ammonia	29		mg/l	05/23/96	1460955
	FILTERED	I018	Sulfate as SO4	330		mg/l	04/18/96	1460809
	FILTERED 1460955	I018	Sulfate as SO4	230		mg/l	05/23/96	1460901
		I059	Dissolved Oxygen, Field	0.33		mg/l	05/23/96	1460955
		I060	Eh Field	92.4		mv	05/23/96	1460955
	FILTERED	I070	Bicarbonate as HCO3	160		mg/l	04/18/96	1460809
		I070	Bicarbonate as HCO3	210		mg/l	05/23/96	1460955
	FILTERED	I071	Nitrate & Nitrite as N	7.5		mg/l	04/18/96	1460809

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TABLE-22
Groundwater Analytical Results
Inorganic Parameters
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
MP-1 #08								
			Inorganic Non-metals					
		I071	Nitrate & Nitrite as N	10		mg/l	05/23/96	1460955
			Physical Properties					
	FILTERED	F009	pH Laboratory	6.60		Std. Un	04/18/96	1460809
	FILTERED 1460955	F009	pH Laboratory	7.40		Std. Un	05/23/96	1460901
		F037	pH Field	7.36		Std. Un	05/23/96	1460955
		F062	Specific Conductance - Field	843		umhos	05/23/96	1460955
		F064	Temperature - Field	10.7		deg. C	05/23/96	1460955
MP-1 #10								
			Metals - Dissolved					
	FILTERED	M028	Arsenic, Dissolved	< 0.008		mg/l	04/18/96	1460810
	FILTERED 1460946	M028	Arsenic, Dissolved	< 0.008		mg/l	05/22/96	1460892
	FILTERED	M029	Barium, Dissolved	0.020		mg/l	04/18/96	1460810
	FILTERED 1460946	M029	Barium, Dissolved	0.021		mg/l	05/22/96	1460892
	FILTERED	M031	Beryllium, Dissolved	< 0.005		mg/l	04/18/96	1460810
	FILTERED 1460946	M031	Beryllium, Dissolved	< 0.005		mg/l	05/22/96	1460892
	FILTERED	M032	Silver, Dissolved	< 0.015		mg/l	04/18/96	1460810
	FILTERED 1460946	M032	Silver, Dissolved	< 0.015		mg/l	05/22/96	1460892
	FILTERED	M033	Calcium, Dissolved	100		mg/l	04/18/96	1460810
	FILTERED 1460946	M033	Calcium, Dissolved	120		mg/l	05/22/96	1460892
	FILTERED	M034	Cadmium, Dissolved	< 0.010		mg/l	04/18/96	1460810
	FILTERED 1460946	M034	Cadmium, Dissolved	< 0.010		mg/l	05/22/96	1460892
	FILTERED	M035	Hexavalent Chromium, Dissolved	< 0.010		mg/l	04/18/96	1460810
	FILTERED 1460946	M035	Hexavalent Chromium, Dissolved	< 0.010		mg/l	05/22/96	1460892
	FILTERED	M036	Chromium, Dissolved	< 0.015		mg/l	04/18/96	1460810
	FILTERED 1460946	M036	Chromium, Dissolved	< 0.015		mg/l	05/22/96	1460892
	FILTERED	M037	Copper, Dissolved	< 0.025		mg/l	04/18/96	1460810
	FILTERED 1460946	M037	Copper, Dissolved	< 0.025		mg/l	05/22/96	1460892
	FILTERED	M040	Iron, Dissolved	< 0.025		mg/l	04/18/96	1460810
	FILTERED 1460946	M040	Iron, Dissolved	< 0.025		mg/l	05/22/96	1460892
	FILTERED	M041	Mercury, Dissolved	< 0.20		ug/l	04/18/96	1460810
	FILTERED 1460946	M041	Mercury, Dissolved	< 0.20		ug/l	05/22/96	1460892
	FILTERED	M042	Potassium, Dissolved	1.6		mg/l	04/18/96	1460810
	FILTERED 1460946	M042	Potassium, Dissolved	1.8		mg/l	05/22/96	1460892
	FILTERED	M044	Magnesium, Dissolved	4.4		mg/l	04/18/96	1460810
	FILTERED 1460946	M044	Magnesium, Dissolved	3.6		mg/l	05/22/96	1460892
	FILTERED	M045	Manganese, Dissolved	0.27		mg/l	04/18/96	1460810
	FILTERED 1460946	M045	Manganese, Dissolved	0.25		mg/l	05/22/96	1460892
	FILTERED	M047	Sodium, Dissolved	42		mg/l	04/18/96	1460810
	FILTERED 1460946	M047	Sodium, Dissolved	39		mg/l	05/22/96	1460892
	FILTERED 1460946	M047	Sodium, Dissolved	39		mg/l	05/22/96	1460892
	FILTERED	M048	Lead, Dissolved	< 0.005		mg/l	04/18/96	1460810
	FILTERED 1460946	M048	Lead, Dissolved	< 0.005		mg/l	05/22/96	1460892
	FILTERED	M050	Selenium, Dissolved	< 0.010		mg/l	04/18/96	1460810
	FILTERED	M053	Zinc, Dissolved	< 0.025		mg/l	04/18/96	1460810
	FILTERED 1460946	M053	Zinc, Dissolved	< 0.025		mg/l	05/22/96	1460892
	FILTERED	M054	Aluminum, Dissolved	< 0.10		mg/l	04/18/96	1460810
	FILTERED 1460946	M054	Aluminum, Dissolved	< 0.10		mg/l	05/22/96	1460892
	FILTERED	M055	Cobalt, Dissolved	< 0.005		mg/l	04/18/96	1460810
	FILTERED 1460946	M055	Cobalt, Dissolved	< 0.030		mg/l	05/22/96	1460892
	FILTERED	M059	Nickel, Dissolved	< 0.040		mg/l	04/18/96	1460810
	FILTERED 1460946	M059	Nickel, Dissolved	< 0.040		mg/l	05/22/96	1460892
	FILTERED	M098	Thallium, Dissolved	< 0.015		mg/l	04/18/96	1460810
	FILTERED 1460946	M098	Thallium, Dissolved	< 0.015		mg/l	05/22/96	1460892
	FILTERED	M099	Vanadium, Dissolved	< 0.025		mg/l	04/18/96	1460810
	FILTERED 1460946	M099	Vanadium, Dissolved	< 0.025		mg/l	05/22/96	1460892
	FILTERED	M100	Antimony, Dissolved	< 0.008		mg/l	04/18/96	1460810
	FILTERED 1460946	M100	Antimony, Dissolved	< 0.008		mg/l	05/22/96	1460892
		M111	Total Iron, Field	< 0.01		mg/l	05/22/96	1460946

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TABLE-22
Groundwater Analytical Results
Inorganic Parameters
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Samp Numb
MP-1 #10								
			Metals - Dissolved					
		M112	Iron as Fe+2 - Field	< 0.01		mg/l	05/22/96	14609
		M113	Iron as Fe+3 - Field	< 0.01		mg/l	05/22/96	14609
		M114	Hexavalent Chromium, Field	< 0.00		mg/l	05/22/96	14609
			Inorganic Non-metals					
	FILTERED	I005	Chloride	27		mg/l	04/18/96	14608
	FILTERED 1460946	I005	Chloride	21		mg/l	05/22/96	14608
	FILTERED	I009	Nitrogen, Ammonia	33		mg/l	04/18/96	14608
		I009	Nitrogen, Ammonia	32		mg/l	05/22/96	14609
	FILTERED	I018	Sulfate as SO4	140		mg/l	04/18/96	14608
	FILTERED 1460946	I018	Sulfate as SO4	240		mg/l	05/22/96	14608
		I059	Dissolved Oxygen, Field	0.07		mg/l	05/22/96	14609
		I060	Eh Field	149.6		mv	05/22/96	14609
	FILTERED	I070	Bicarbonate as HCO3	180		mg/l	04/18/96	14608
		I070	Bicarbonate as HCO3	190		mg/l	05/22/96	14609
	FILTERED	I071	Nitrate & Nitrite as N	7.4		mg/l	04/18/96	14608
		I071	Nitrate & Nitrite as N	9.8		mg/l	05/22/96	14609
			Physical Properties					
	FILTERED	F009	pH Laboratory	6.80		Std. Un	04/18/96	14608
	FILTERED 1460946	F009	pH Laboratory	7.20		Std. Un	05/22/96	14608
		F037	pH Field	7.56		Std. Un	05/22/96	14609
		F062	Specific Conductance - Field	910		umhos	05/22/96	14609
		F064	Temperature - Field	9.5		deg. C	05/22/96	14609
MP-1 #11								
			Metals - Dissolved					
	FILTERED	M028	Arsenic, Dissolved	< 0.008		mg/l	04/18/96	14[illegible]
	FILTERED 1460945	M028	Arsenic, Dissolved	< 0.008		mg/l	05/22/96	1[illegible]
	FILTERED	M029	Barium, Dissolved	0.020		mg/l	04/18/96	14[illegible]
	FILTERED 1460945	M029	Barium, Dissolved	0.021		mg/l	05/22/96	14608
	FILTERED	M031	Beryllium, Dissolved	< 0.005		mg/l	04/18/96	14608
	FILTERED 1460945	M031	Beryllium, Dissolved	< 0.005		mg/l	05/22/96	14608
	FILTERED	M032	Silver, Dissolved	< 0.015		mg/l	04/18/96	14608
	FILTERED 1460945	M032	Silver, Dissolved	< 0.015		mg/l	05/22/96	14608
	FILTERED	M033	Calcium, Dissolved	100		mg/l	04/18/96	14608
	FILTERED 1460945	M033	Calcium, Dissolved	130		mg/l	05/22/96	14608
	FILTERED	M034	Cadmium, Dissolved	< 0.010		mg/l	04/18/96	14608
	FILTERED 1460945	M034	Cadmium, Dissolved	< 0.010		mg/l	05/22/96	14608
	FILTERED	M035	Hexavalent Chromium, Dissolved	< 0.010		mg/l	04/18/96	14608
	FILTERED 1460945	M035	Hexavalent Chromium, Dissolved	< 0.010		mg/l	05/22/96	14608
	FILTERED	M036	Chromium, Dissolved	< 0.015		mg/l	04/18/96	14608
	FILTERED 1460945	M036	Chromium, Dissolved	< 0.015		mg/l	05/22/96	14608
	FILTERED	M037	Copper, Dissolved	< 0.025		mg/l	04/18/96	14608
	FILTERED 1460945	M037	Copper, Dissolved	< 0.025		mg/l	05/22/96	14608
	FILTERED	M040	Iron, Dissolved	< 0.025		mg/l	04/18/96	14608
	FILTERED	M040	Iron, Dissolved	< 0.005		mg/l	04/18/96	14608
	FILTERED 1460945	M040	Iron, Dissolved	< 0.025		mg/l	05/22/96	14608
	FILTERED	M041	Mercury, Dissolved	< 0.20		ug/l	04/18/96	14608
	FILTERED 1460945	M041	Mercury, Dissolved	< 0.20		ug/l	05/22/96	14608
	FILTERED	M042	Potassium, Dissolved	1.3		mg/l	04/18/96	14608
	FILTERED 1460945	M042	Potassium, Dissolved	1.9		mg/l	05/22/96	14608
	FILTERED	M044	Magnesium, Dissolved	3.9		mg/l	04/18/96	14608
	FILTERED 1460945	M044	Magnesium, Dissolved	3.7		mg/l	05/22/96	14608
	FILTERED	M045	Manganese, Dissolved	0.21		mg/l	04/18/96	14608
	FILTERED 1460945	M045	Manganese, Dissolved	0.24		mg/l	05/22/96	14608
	FILTERED	M047	Sodium, Dissolved	35		mg/l	04/18/96	14608
	FILTERED 1460945	M047	Sodium, Dissolved	34		mg/l	05/22/96	14608
	FILTERED 1460945	M048	Lead, Dissolved	< 0.005		mg/l	05/22/96	14608
	FILTERED	M050	Selenium, Dissolved	< 0.010		mg/l	04/18/96	14608
	FILTERED 1460945	M050	Selenium, Dissolved	< 0.010		mg/l	05/22/96	14608

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TABLE-22
Groundwater Analytical Results
Inorganic Parameters
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
MP-1 #11								
			Metals - Dissolved					
	FILTERED	M053	Zinc, Dissolved	< 0.025		mg/l	04/18/96	1460811
	FILTERED 1460945	M053	Zinc, Dissolved	< 0.025		mg/l	05/22/96	1460891
	FILTERED	M054	Aluminum, Dissolved	< 0.10		mg/l	04/18/96	1460811
	FILTERED 1460945	M054	Aluminum, Dissolved	< 0.10		mg/l	05/22/96	1460891
	FILTERED	M055	Cobalt, Dissolved	< 0.030		mg/l	04/18/96	1460811
	FILTERED 1460945	M055	Cobalt, Dissolved	< 0.030		mg/l	05/22/96	1460891
	FILTERED	M059	Nickel, Dissolved	< 0.040		mg/l	04/18/96	1460811
	FILTERED 1460945	M059	Nickel, Dissolved	< 0.040		mg/l	05/22/96	1460891
	FILTERED	M098	Thallium, Dissolved	< 0.015		mg/l	04/18/96	1460811
	FILTERED 1460945	M098	Thallium, Dissolved	< 0.015		mg/l	05/22/96	1460891
	FILTERED	M099	Vanadium, Dissolved	< 0.025		mg/l	04/18/96	1460811
	FILTERED 1460945	M099	Vanadium, Dissolved	< 0.025		mg/l	05/22/96	1460891
	FILTERED	M100	Antimony, Dissolved	< 0.008		mg/l	04/18/96	1460811
	FILTERED 1460945	M100	Antimony, Dissolved	< 0.008		mg/l	05/22/96	1460891
		M111	Total Iron, Field	< 0.01		mg/l	05/22/96	1460945
		M112	Iron as Fe+2 - Field	< 0.01		mg/l	05/22/96	1460945
		M113	Iron as Fe+3 - Field	< 0.01		mg/l	05/22/96	1460945
		M114	Hexavalent Chromium, Field	< 0.00		mg/l	05/22/96	1460945
			Inorganic Non-metals					
	FILTERED	I005	Chloride	25		mg/l	04/18/96	1460811
	FILTERED 1460945	I005	Chloride	21		mg/l	05/22/96	1460891
	FILTERED	I009	Nitrogen, Ammonia	31		mg/l	04/18/96	1460811
		I009	Nitrogen, Ammonia	31		mg/l	05/22/96	1460945
	FILTERED	I018	Sulfate as SO4	170		mg/l	04/18/96	1460811
	FILTERED 1460945	I018	Sulfate as SO4	240		mg/l	05/22/96	1460891
		I059	Dissolved Oxygen, Field	0.08		mg/l	05/22/96	1460945
		I060	Eh Field	147.2		mv	05/22/96	1460945
	FILTERED	I070	Bicarbonate as HCO3	180		mg/l	04/18/96	1460811
		I070	Bicarbonate as HCO3	190		mg/l	05/22/96	1460945
	FILTERED	I071	Nitrate & Nitrite as N	7.5		mg/l	04/18/96	1460811
		I071	Nitrate & Nitrite as N	9.8		mg/l	05/22/96	1460945
			Physical Properties					
	FILTERED	F009	pH Laboratory	6.70		Std. Un	04/18/96	1460811
	FILTERED 1460945	F009	pH Laboratory	7.40		Std. Un	05/22/96	1460891
		F024	Specific Gravity	0.955		g/ml	05/22/96	1460945
		F037	pH Field	7.58		Std. Un	05/22/96	1460945
		F062	Specific Conductance - Field	899		umhos	05/22/96	1460945
		F064	Temperature - Field	9.5		deg. C	05/22/96	1460945
MP-1 #12								
			Metals - Dissolved					
	FILTERED	M028	Arsenic, Dissolved	< 0.008		mg/l	04/18/96	1460804
	FILTERED 1460944	M028	Arsenic, Dissolved	< 0.008		mg/l	05/22/96	1460890
	FILTERED	M029	Barium, Dissolved	0.018		mg/l	04/18/96	1460804
	FILTERED	M029	Barium, Dissolved	0.018		mg/l	04/18/96	1460804
	FILTERED 1460944	M029	Barium, Dissolved	0.020		mg/l	05/22/96	1460890
	FILTERED	M031	Beryllium, Dissolved	< 0.005		mg/l	04/18/96	1460804
	FILTERED 1460944	M031	Beryllium, Dissolved	< 0.005		mg/l	05/22/96	1460890
	FILTERED	M032	Silver, Dissolved	< 0.015		mg/l	04/18/96	1460804
	FILTERED 1460944	M032	Silver, Dissolved	< 0.015		mg/l	05/22/96	1460890
	FILTERED	M033	Calcium, Dissolved	100		mg/l	04/18/96	1460804
	FILTERED 1460944	M033	Calcium, Dissolved	130		mg/l	05/22/96	1460890
	FILTERED 1460944	M034	Cadmium, Dissolved	< 0.010		mg/l	05/22/96	1460890
	FILTERED	M035	Hexavalent Chromium, Dissolved	< 0.010		mg/l	04/18/96	1460804
	FILTERED 1460944	M035	Hexavalent Chromium, Dissolved	< 0.010		mg/l	05/22/96	1460890
	FILTERED	M036	Chromium, Dissolved	< 0.015		mg/l	04/18/96	1460804
	FILTERED 1460944	M036	Chromium, Dissolved	< 0.015		mg/l	05/22/96	1460890
	FILTERED	M037	Copper, Dissolved	< 0.025		mg/l	04/18/96	1460804
	FILTERED 1460944	M037	Copper, Dissolved	< 0.025		mg/l	05/22/96	1460890

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TABLE-22
Groundwater Analytical Results
Inorganic Parameters
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
MP-1 #12								
			Metals - Dissolved					
	FILTERED	M040	Iron, Dissolved	< 0.025		mg/l	04/18/96	1460804
	FILTERED 1460944	M040	Iron, Dissolved	< 0.025		mg/l	05/22/96	1460890
	FILTERED	M041	Mercury, Dissolved	< 0.20		ug/l	04/18/96	1460804
	FILTERED 1460944	M041	Mercury, Dissolved	< 0.20		ug/l	05/22/96	1460890
	FILTERED	M042	Potassium, Dissolved	< 1.7		mg/l	04/18/96	1460804
	FILTERED 1460944	M042	Potassium, Dissolved	1.9		mg/l	05/22/96	1460890
	FILTERED	M044	Magnesium, Dissolved	4.9		mg/l	04/18/96	1460804
	FILTERED 1460944	M044	Magnesium, Dissolved	3.9		mg/l	05/22/96	1460890
	FILTERED	M045	Manganese, Dissolved	0.23		mg/l	04/18/96	1460804
	FILTERED 1460944	M045	Manganese, Dissolved	0.24		mg/l	05/22/96	1460890
	FILTERED	M047	Sodium, Dissolved	55		mg/l	04/18/96	1460804
	FILTERED 1460944	M047	Sodium, Dissolved	46		mg/l	05/22/96	1460890
	FILTERED	M048	Lead, Dissolved	< 0.005		mg/l	04/18/96	1460804
	FILTERED 1460944	M048	Lead, Dissolved	< 0.005		mg/l	05/22/96	1460890
	FILTERED	M050	Selenium, Dissolved	< 0.010		mg/l	04/18/96	1460804
	FILTERED 1460944	M050	Selenium, Dissolved	< 0.010		mg/l	05/22/96	1460890
	FILTERED	M053	Zinc, Dissolved	< 0.025		mg/l	04/18/96	1460804
	FILTERED 1460944	M053	Zinc, Dissolved	< 0.025		mg/l	05/22/96	1460890
	FILTERED	M054	Aluminum, Dissolved	< 0.10		mg/l	04/18/96	1460804
	FILTERED 1460944	M054	Aluminum, Dissolved	< 0.10		mg/l	05/22/96	1460890
	FILTERED	M055	Cobalt, Dissolved	< 0.030		mg/l	04/18/96	1460804
	FILTERED 1460944	M055	Cobalt, Dissolved	< 0.030		mg/l	05/22/96	1460890
	FILTERED	M059	Nickel, Dissolved	< 0.040		mg/l	04/18/96	1460804
	FILTERED 1460944	M059	Nickel, Dissolved	< 0.040		mg/l	05/22/96	1460890
	FILTERED	M098	Thallium, Dissolved	< 0.015		mg/l	04/18/96	1460804
	FILTERED 1460944	M098	Thallium, Dissolved	< 0.015		mg/l	05/22/96	14[illegible]0
	FILTERED	M099	Vanadium, Dissolved	< 0.025		mg/l	04/18/96	1[illegible]
	FILTERED 1460944	M099	Vanadium, Dissolved	< 0.025		mg/l	05/22/96	1[illegible]0
	FILTERED	M100	Antimony, Dissolved	< 0.008		mg/l	04/18/96	1460804
	FILTERED 1460944	M100	Antimony, Dissolved	< 0.008		mg/l	05/22/96	1460890
		M111	Total Iron, Field	< 0.01		mg/l	05/22/96	1460944
		M112	Iron as Fe+2 - Field	< 0.01		mg/l	05/22/96	1460944
		M113	Iron as Fe+3 - Field	< 0.01		mg/l	05/22/96	1460944
		M114	Hexavalent Chromium, Field	< 0.00		mg/l	05/22/96	1460944
			Inorganic Non-metals					
	FILTERED	I005	Chloride	30		mg/l	04/18/96	1460804
	FILTERED 1460944	I005	Chloride	22		mg/l	05/22/96	1460890
	FILTERED	I009	Nitrogen, Ammonia	34		mg/l	04/18/96	1460804
		I009	Nitrogen, Ammonia	36		mg/l	05/22/96	1460944
	FILTERED	I018	Sulfate as SO4	180		mg/l	04/18/96	1460804
	FILTERED 1460944	I018	Sulfate as SO4	280		mg/l	05/22/96	1460890
		I059	Dissolved Oxygen, Field	0.08		mg/l	05/22/96	1460944
		I060	Eh Field	145.2		mv	05/22/96	1460944
	FILTERED	I070	Bicarbonate as HCO3	190		mg/l	04/18/96	1460804
		I070	Bicarbonate as HCO3	190		mg/l	05/22/96	1460944
	FILTERED	I071	Nitrate & Nitrite as N	8.1		mg/l	04/18/96	1460804
		I071	Nitrate & Nitrite as N	9.4		mg/l	05/22/96	1460944
			Physical Properties					
	FILTERED	F009	pH Laboratory	7.50		Std. Un	04/18/96	1460804
	FILTERED 1460944	F009	pH Laboratory	7.50		Std. Un	05/22/96	1460890
		F037	pH Field	7.62		Std. Un	05/22/96	1460944
		F062	Specific Conductance - Field	955		umhos	05/22/96	1460944
		F064	Temperature - Field	9.7		deg. C	05/22/96	1460944
MP-1 #13								
			Metals - Dissolved					
	FILTERED	M028	Arsenic, Dissolved	< 0.008		mg/l	04/18/96	1460805
	FILTERED 1460943	M028	Arsenic, Dissolved	< 0.008		mg/l	05/22/96	1460889
	FILTERED	M029	Barium, Dissolved	0.014		mg/l	04/18/96	1460805

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TABLE-22
Groundwater Analytical Results
Inorganic Parameters
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
MP-1 #13								
			Metals - Dissolved					
	FILTERED 1460943	M029	Barium, Dissolved	0.016		mg/l	05/22/96	1460889
	FILTERED	M031	Beryllium, Dissolved	< 0.005		mg/l	04/18/96	1460805
	FILTERED 1460943	M031	Beryllium, Dissolved	< 0.005		mg/l	05/22/96	1460889
	FILTERED	M032	Silver, Dissolved	< 0.015		mg/l	04/18/96	1460805
	FILTERED 1460943	M032	Silver, Dissolved	< 0.015		mg/l	05/22/96	1460889
	FILTERED	M033	Calcium, Dissolved	100		mg/l	04/18/96	1460805
	FILTERED 1460943	M033	Calcium, Dissolved	120		mg/l	05/22/96	1460889
	FILTERED	M034	Cadmium, Dissolved	< 0.010		mg/l	04/18/96	1460805
	FILTERED 1460943	M034	Cadmium, Dissolved	< 0.010		mg/l	05/22/96	1460889
	FILTERED	M035	Hexavalent Chromium, Dissolved	< 0.010		mg/l	04/18/96	1460805
	FILTERED 1460943	M035	Hexavalent Chromium, Dissolved	< 0.010		mg/l	05/22/96	1460889
	FILTERED	M036	Chromium, Dissolved	< 0.015		mg/l	04/18/96	1460805
	FILTERED 1460943	M036	Chromium, Dissolved	< 0.015		mg/l	05/22/96	1460889
	FILTERED	M037	Copper, Dissolved	< 0.025		mg/l	04/18/96	1460805
	FILTERED 1460943	M037	Copper, Dissolved	< 0.025		mg/l	05/22/96	1460889
	FILTERED	M040	Iron, Dissolved	0.20		mg/l	04/18/96	1460805
	FILTERED 1460943	M040	Iron, Dissolved	< 0.025		mg/l	05/22/96	1460889
	FILTERED	M041	Mercury, Dissolved	< 0.20		ug/l	04/18/96	1460805
	FILTERED 1460943	M041	Mercury, Dissolved	< 0.20		ug/l	05/22/96	1460889
	FILTERED	M042	Potassium, Dissolved	2.3		mg/l	04/18/96	1460805
	FILTERED 1460943	M042	Potassium, Dissolved	2.4		mg/l	05/22/96	1460889
	FILTERED	M044	Magnesium, Dissolved	7.3		mg/l	04/18/96	1460805
	FILTERED 1460943	M044	Magnesium, Dissolved	6.5		mg/l	05/22/96	1460889
	FILTERED	M045	Manganese, Dissolved	0.28		mg/l	04/18/96	1460805
	FILTERED 1460943	M045	Manganese, Dissolved	0.19		mg/l	05/22/96	1460889
	FILTERED	M047	Sodium, Dissolved	72		mg/l	04/18/96	1460805
	FILTERED 1460943	M047	Sodium, Dissolved	68		mg/l	05/22/96	1460889
	FILTERED	M048	Lead, Dissolved	< 0.005		mg/l	04/18/96	1460805
	FILTERED 1460943	M048	Lead, Dissolved	< 0.005		mg/l	05/22/96	1460889
	FILTERED	M050	Selenium, Dissolved	< 0.010		mg/l	04/18/96	1460805
	FILTERED 1460943	M050	Selenium, Dissolved	< 0.010		mg/l	05/22/96	1460889
	FILTERED	M053	Zinc, Dissolved	< 0.025		mg/l	04/18/96	1460805
	FILTERED 1460943	M053	Zinc, Dissolved	< 0.025		mg/l	05/22/96	1460889
	FILTERED	M054	Aluminum, Dissolved	< 0.10		mg/l	04/18/96	1460805
	FILTERED 1460943	M054	Aluminum, Dissolved	< 0.10		mg/l	05/22/96	1460889
	FILTERED	M055	Cobalt, Dissolved	< 0.030		mg/l	04/18/96	1460805
	FILTERED 1460943	M055	Cobalt, Dissolved	< 0.030		mg/l	05/22/96	1460889
	FILTERED	M059	Nickel, Dissolved	< 0.040		mg/l	04/18/96	1460805
	FILTERED 1460943	M059	Nickel, Dissolved	< 0.040		mg/l	05/22/96	1460889
	FILTERED	M098	Thallium, Dissolved	< 0.015		mg/l	04/18/96	1460805
	FILTERED 1460943	M098	Thallium, Dissolved	< 0.015		mg/l	05/22/96	1460889
	FILTERED	M099	Vanadium, Dissolved	< 0.025		mg/l	04/18/96	1460805
	FILTERED 1460943	M099	Vanadium, Dissolved	< 0.025		mg/l	05/22/96	1460889
	FILTERED	M100	Antimony, Dissolved	< 0.008		mg/l	04/18/96	1460805
	FILTERED 1460943	M100	Antimony, Dissolved	< 0.008		mg/l	05/22/96	1460889
		M111	Total Iron, Field	< 0.01		mg/l	05/22/96	1460943
		M112	Iron as Fe+2 - Field	< 0.01		mg/l	05/22/96	1460943
		M113	Iron as Fe+3 - Field	< 0.01		mg/l	05/22/96	1460943
		M114	Hexavalent Chromium, Field	< 0.00		mg/l	05/22/96	1460943
			Inorganic Non-metals					
	FILTERED	I005	Chloride	32		mg/l	04/18/96	1460805
	FILTERED 1460943	I005	Chloride	28		mg/l	05/22/96	1460889
	FILTERED	I009	Nitrogen, Ammonia	43		mg/l	04/18/96	1460805
		I009	Nitrogen, Ammonia	36		mg/l	05/22/96	1460943
	FILTERED	I018	Sulfate as SO4	360		mg/l	04/18/96	1460805
	FILTERED 1460943	I018	Sulfate as SO4	320		mg/l	05/22/96	1460889
		I059	Dissolved Oxygen, Field	0.08		mg/l	05/22/96	1460943
		I060	Eh Field	131.7		mv	05/22/96	1460943
	FILTERED	I070	Bicarbonate as HCO3	180		mg/l	04/18/96	1460805

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Groundwater Analytical Results
Inorganic Parameters
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
MP-1 #13								
			Inorganic Non-metals					
		1070	Bicarbonate as HCO3	200		mg/l	05/22/96	1460943
	FILTERED	I071	Nitrate & Nitrite as N	7.0		mg/l	04/18/96	1460805
		I071	Nitrate & Nitrite as N	6.5		mg/l	05/22/96	1460943
			Physical Properties					
	FILTERED	F009	pH Laboratory	7.30		Std. Un	04/18/96	1460805
	FILTERED 1460943	F009	pH Laboratory	7.50		Std. Un	05/22/96	1460889
		F037	pH Field	7.63		Std. Un	05/22/96	1460943
		F062	Specific Conductance - Field	1080		umhos	05/22/96	1460943
		F064	Temperature - Field	9.8		deg. C	05/22/96	1460943
MP-1 #14								
			Metals - Dissolved					
	FILTERED	M028	Arsenic, Dissolved	< 0.008		mg/l	04/18/96	1460806
	FILTERED 1460942	M028	Arsenic, Dissolved	< 0.008		mg/l	05/22/96	1460888
	FILTERED	M029	Barium, Dissolved	0.011		mg/l	04/18/96	1460806
	FILTERED 1460942	M029	Barium, Dissolved	0.007		mg/l	05/22/96	1460888
	FILTERED	M031	Beryllium, Dissolved	< 0.005		mg/l	04/18/96	1460806
	FILTERED 1460942	M031	Beryllium, Dissolved	< 0.005		mg/l	05/22/96	1460888
	FILTERED	M032	Silver, Dissolved	< 0.015		mg/l	04/18/96	1460806
	FILTERED 1460942	M032	Silver, Dissolved	< 0.015		mg/l	05/22/96	1460888
	FILTERED	M033	Calcium, Dissolved	240		mg/l	04/18/96	1460806
	FILTERED 1460942	M033	Calcium, Dissolved	130		mg/l	05/22/96	1460888
	FILTERED	M034	Cadmium, Dissolved	< 0.010		mg/l	04/18/96	1460806
	FILTERED 1460942	M034	Cadmium, Dissolved	< 0.010		mg/l	05/22/96	1460888
	FILTERED	M035	Hexavalent Chromium, Dissolved	< 0.010		mg/l	04/18/96	1460806
	FILTERED 1460942	M035	Hexavalent Chromium, Dissolved	< 0.010		mg/l	05/22/96	[illegible]
	FILTERED	M036	Chromium, Dissolved	< 0.015		mg/l	04/18/96	[illegible]
	FILTERED 1460942	M036	Chromium, Dissolved	< 0.015		mg/l	05/22/96	[illegible]
	FILTERED	M037	Copper, Dissolved	< 0.025		mg/l	04/18/96	1460806
	FILTERED 1460942	M037	Copper, Dissolved	< 0.025		mg/l	05/22/96	1460888
	FILTERED	M040	Iron, Dissolved	1.80		mg/l	04/18/96	1460806
	FILTERED 1460942	M040	Iron, Dissolved	0.60		mg/l	05/22/96	1460888
	FILTERED	M041	Mercury, Dissolved	< 0.20		ug/l	04/18/96	1460806
	FILTERED 1460942	M041	Mercury, Dissolved	< 0.20		ug/l	05/22/96	1460888
	FILTERED	M042	Potassium, Dissolved	4.6		mg/l	04/18/96	1460806
	FILTERED 1460942	M042	Potassium, Dissolved	3.7		mg/l	05/22/96	1460888
	FILTERED	M044	Magnesium, Dissolved	16		mg/l	04/18/96	1460806
	FILTERED 1460942	M044	Magnesium, Dissolved	13		mg/l	05/22/96	1460888
	FILTERED	M045	Manganese, Dissolved	0.81		mg/l	04/18/96	1460806
	FILTERED 1460942	M045	Manganese, Dissolved	0.51		mg/l	05/22/96	1460888
	FILTERED	M047	Sodium, Dissolved	200		mg/l	04/18/96	1460806
	FILTERED 1460942	M047	Sodium, Dissolved	190		mg/l	05/22/96	1460888
	FILTERED	M048	Lead, Dissolved	< 0.005		mg/l	04/18/96	1460806
	FILTERED 1460942	M048	Lead, Dissolved	< 0.005		mg/l	05/22/96	1460888
	FILTERED	M050	Selenium, Dissolved	< 0.010		mg/l	04/18/96	1460806
	FILTERED 1460942	M050	Selenium, Dissolved	< 0.010		mg/l	05/22/96	1460888
	FILTERED	M053	Zinc, Dissolved	< 0.025		mg/l	04/18/96	1460806
	FILTERED 1460942	M053	Zinc, Dissolved	< 0.025		mg/l	05/22/96	1460888
	FILTERED	M054	Aluminum, Dissolved	< 0.10		mg/l	04/18/96	1460806
	FILTERED 1460942	M054	Aluminum, Dissolved	< 0.10		mg/l	05/22/96	1460888
	FILTERED	M055	Cobalt, Dissolved	< 0.030		mg/l	04/18/96	1460806
	FILTERED 1460942	M055	Cobalt, Dissolved	< 0.030		mg/l	05/22/96	1460888
	FILTERED	M059	Nickel, Dissolved	< 0.040		mg/l	04/18/96	1460806
	FILTERED 1460942	M059	Nickel, Dissolved	< 0.040		mg/l	05/22/96	1460888
	FILTERED	M098	Thallium, Dissolved	< 0.015		mg/l	04/18/96	1460806
	FILTERED 1460942	M098	Thallium, Dissolved	< 0.015		mg/l	05/22/96	1460888
	FILTERED	M099	Vanadium, Dissolved	< 0.025		mg/l	04/18/96	1460806
	FILTERED 1460942	M099	Vanadium, Dissolved	< 0.025		mg/l	05/22/96	1460888
	FILTERED	M100	Antimony, Dissolved	< 0.008		mg/l	04/18/96	1460806

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TABLE-22
Groundwater Analytical Results
Inorganic Parameters
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
MP-1 #14								
			Metals - Dissolved					
	FILTERED 1460942	M100	Antimony, Dissolved	< 0.008		mg/l	05/22/96	1460888
		M111	Total Iron, Field	0.47		mg/l	05/22/96	1460942
		M112	Iron as Fe+2 - Field	0.06		mg/l	05/22/96	1460942
		M113	Iron as Fe+3 - Field	0.41		mg/l	05/22/96	1460942
		M114	Hexavalent Chromium, Field	< 0.00		mg/l	05/22/96	1460942
			Inorganic Non-metals					
	FILTERED	I005	Chloride	68		mg/l	04/18/96	1460806
	FILTERED 1460942	I005	Chloride	52		mg/l	05/22/96	1460888
	FILTERED	I009	Nitrogen, Ammonia	50		mg/l	04/18/96	1460806
		I009	Nitrogen, Ammonia	32		mg/l	05/22/96	1460942
	FILTERED	I018	Sulfate as SO4	820		mg/l	04/18/96	1460806
	FILTERED 1460942	I018	Sulfate as SO4	590		mg/l	05/22/96	1460888
		I059	Dissolved Oxygen, Field	0.33		mg/l	05/22/96	1460942
		I060	Eh Field	-20.7		mv	05/22/96	1460942
	FILTERED	I070	Bicarbonate as HCO3	200		mg/l	04/18/96	1460806
		I070	Bicarbonate as HCO3	210		mg/l	05/22/96	1460942
	FILTERED	I071	Nitrate & Nitrite as N	4.8		mg/l	04/18/96	1460806
		I071	Nitrate & Nitrite as N	7.1		mg/l	05/22/96	1460942
			Physical Properties					
	FILTERED	F009	pH Laboratory	6.80		Std. Un	04/18/96	1460806
	FILTERED 1460942	F009	pH Laboratory	7.10		Std. Un	05/22/96	1460888
		F037	pH Field	7.21		Std. Un	05/22/96	1460942
		F062	Specific Conductance - Field	1760		umhos	05/22/96	1460942
		F064	Temperature - Field	10.5		deg. C	05/22/96	1460942
MP-1 #16								
			Metals - Dissolved					
	FILTERED	M028	Arsenic, Dissolved	< 0.008		mg/l	04/17/96	1460803
	FILTERED 1460941	M028	Arsenic, Dissolved	< 0.008		mg/l	05/22/96	1460887
	FILTERED	M029	Barium, Dissolved	0.011		mg/l	04/17/96	1460803
	FILTERED 1460941	M029	Barium, Dissolved	0.013		mg/l	05/22/96	1460887
	FILTERED	M031	Beryllium, Dissolved	< 0.005		mg/l	04/17/96	1460803
	FILTERED 1460941	M031	Beryllium, Dissolved	< 0.005		mg/l	05/22/96	1460887
	FILTERED	M032	Silver, Dissolved	< 0.015		mg/l	04/17/96	1460803
	FILTERED 1460941	M032	Silver, Dissolved	< 0.015		mg/l	05/22/96	1460887
	FILTERED	M033	Calcium, Dissolved	550		mg/l	04/17/96	1460803
	FILTERED 1460941	M033	Calcium, Dissolved	560		mg/l	05/22/96	1460887
	FILTERED	M034	Cadmium, Dissolved	< 0.010		mg/l	04/17/96	1460803
	FILTERED 1460941	M034	Cadmium, Dissolved	< 0.010		mg/l	05/22/96	1460887
	FILTERED	M035	Hexavalent Chromium, Dissolved	< 0.010		mg/l	04/17/96	1460803
	FILTERED 1460941	M035	Hexavalent Chromium, Dissolved	< 0.010		mg/l	05/22/96	1460887
	FILTERED	M036	Chromium, Dissolved	< 0.015		mg/l	04/17/96	1460803
	FILTERED 1460941	M036	Chromium, Dissolved	< 0.015		mg/l	05/22/96	1460887
	FILTERED	M037	Copper, Dissolved	< 0.025		mg/l	04/17/96	1460803
	FILTERED 1460941	M037	Copper, Dissolved	< 0.025		mg/l	05/22/96	1460887
	FILTERED	M040	Iron, Dissolved	< 0.025		mg/l	04/17/96	1460803
	FILTERED 1460941	M040	Iron, Dissolved	< 0.025		mg/l	05/22/96	1460887
	FILTERED	M041	Mercury, Dissolved	< 0.20		ug/l	04/17/96	1460803
	FILTERED 1460941	M041	Mercury, Dissolved	< 0.20		ug/l	05/22/96	1460887
	FILTERED	M042	Potassium, Dissolved	3.1		mg/l	04/17/96	1460803
	FILTERED 1460941	M042	Potassium, Dissolved	3.3		mg/l	05/22/96	1460887
	FILTERED	M044	Magnesium, Dissolved	22		mg/l	04/17/96	1460803
	FILTERED 1460941	M044	Magnesium, Dissolved	15		mg/l	05/22/96	1460887
	FILTERED	M045	Manganese, Dissolved	2.1		mg/l	04/17/96	1460803
	FILTERED 1460941	M045	Manganese, Dissolved	1.3		mg/l	05/22/96	1460887
	FILTERED	M047	Sodium, Dissolved	220		mg/l	04/17/96	1460803
	FILTERED 1460941	M047	Sodium, Dissolved	180		mg/l	05/22/96	1460887
	FILTERED	M048	Lead, Dissolved	< 0.005		mg/l	04/17/96	1460803
	FILTERED 1460941	M048	Lead, Dissolved	< 0.005		mg/l	05/22/96	1460887

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TABLE-22
Groundwater Analytical Results
Inorganic Parameters
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
MP-1 #16								
			Metals - Dissolved					
	FILTERED	M050	Selenium, Dissolved	< 0.010		mg/l	04/17/96	1460803
	FILTERED 1460941	M050	Selenium, Dissolved	< 0.010		mg/l	05/22/96	1460887
	FILTERED	M053	Zinc, Dissolved	< 0.025		mg/l	04/17/96	1460803
	FILTERED 1460941	M053	Zinc, Dissolved	< 0.025		mg/l	05/22/96	1460887
	FILTERED	M054	Aluminum, Dissolved	< 0.10		mg/l	04/17/96	1460803
	FILTERED 1460941	M054	Aluminum, Dissolved	< 0.10		mg/l	05/22/96	1460887
	FILTERED	M055	Cobalt, Dissolved	< 0.030		mg/l	04/17/96	1460803
	FILTERED 1460941	M055	Cobalt, Dissolved	< 0.030		mg/l	05/22/96	1460887
	FILTERED	M059	Nickel, Dissolved	< 0.040		mg/l	04/17/96	1460803
	FILTERED 1460941	M059	Nickel, Dissolved	< 0.040		mg/l	05/22/96	1460887
	FILTERED	M098	Thallium, Dissolved	< 0.015		mg/l	04/17/96	1460803
	FILTERED 1460941	M098	Thallium, Dissolved	< 0.015		mg/l	05/22/96	1460887
	FILTERED	M099	Vanadium, Dissolved	< 0.025		mg/l	04/17/96	1460803
	FILTERED 1460941	M099	Vanadium, Dissolved	< 0.025		mg/l	05/22/96	1460887
	FILTERED	M100	Antimony, Dissolved	< 0.008		mg/l	04/17/96	1460803
	FILTERED 1460941	M100	Antimony, Dissolved	< 0.008		mg/l	05/22/96	1460887
		M111	Total Iron, Field	< 0.01		mg/l	05/22/96	1460941
		M112	Iron as Fe+2 - Field	< 0.01		mg/l	05/22/96	1460941
		M113	Iron as Fe+3 - Field	< 0.01		mg/l	05/22/96	1460941
		M114	Hexavalent Chromium, Field	< 0.00		mg/l	05/22/96	1460941
			Inorganic Non-metals					
	FILTERED	I005	Chloride	42		mg/l	04/17/96	1460803
	FILTERED 1460941	I005	Chloride	26		mg/l	05/22/96	1460887
	FILTERED	I009	Nitrogen, Ammonia	8.2		mg/l	04/17/96	1460803
		I009	Nitrogen, Ammonia	6.7		mg/l	05/22/96	1460941
	FILTERED	I018	Sulfate as SO4	1500		mg/l	04/17/96	1[illegible]03
	FILTERED 1460941	I018	Sulfate as SO4	1400		mg/l	05/22/96	[illegible]7
		I059	Dissolved Oxygen, Field	0.38		mg/l	05/22/96	1[illegible]41
		I060	Eh Field	205.0		mv	05/22/96	1460941
	FILTERED	I070	Bicarbonate as HCO3	300		mg/l	04/17/96	1460803
		I070	Bicarbonate as HCO3	340		mg/l	05/22/96	1460941
	FILTERED	I071	Nitrate & Nitrite as N	2.1		mg/l	04/17/96	1460803
		I071	Nitrate & Nitrite as N	3.4		mg/l	05/22/96	1460941
			Physical Properties					
	FILTERED	F009	pH Laboratory	6.50		Std. Un	04/17/96	1460803
	FILTERED 1460941	F009	pH Laboratory	6.70		Std. Un	05/22/96	1460887
		F037	pH Field	6.82		Std. Un	05/22/96	1460941
		F062	Specific Conductance - Field	2690		umhos	05/22/96	1460941
		F064	Temperature - Field	10.7		deg. C	05/22/96	1460941
MP-1 #17								
			Metals - Dissolved					
	FILTERED	M028	Arsenic, Dissolved	0.014		mg/l	04/17/96	1460802
	FILTERED 1460940	M028	Arsenic, Dissolved	< 0.008		mg/l	05/22/96	1460886
	FILTERED	M029	Barium, Dissolved	< 0.005		mg/l	04/17/96	1460802
	FILTERED 1460940	M029	Barium, Dissolved	0.020		mg/l	05/22/96	1460886
	FILTERED 1460940	M031	Beryllium, Dissolved	< 0.005		mg/l	05/22/96	1460886
	FILTERED 1460940	M031	Beryllium, Dissolved	< 0.005		mg/l	05/22/96	1460886
	FILTERED	M032	Silver, Dissolved	< 0.015		mg/l	04/17/96	1460802
	FILTERED 1460940	M032	Silver, Dissolved	< 0.015		mg/l	05/22/96	1460886
	FILTERED	M033	Calcium, Dissolved	2.0		mg/l	04/17/96	1460802
	FILTERED	M034	Cadmium, Dissolved	< 0.010		mg/l	04/17/96	1460802
	FILTERED 1460940	M034	Cadmium, Dissolved	< 0.010		mg/l	05/22/96	1460886
	FILTERED	M035	Hexavalent Chromium, Dissolved	< 0.010		mg/l	04/17/96	1460802
	FILTERED 1460940	M035	Hexavalent Chromium, Dissolved	< 0.010		mg/l	05/22/96	1460886
	FILTERED	M036	Chromium, Dissolved	< 0.015		mg/l	04/17/96	1460802
	FILTERED 1460940	M036	Chromium, Dissolved	< 0.015		mg/l	05/22/96	1460886
	FILTERED	M037	Copper, Dissolved	< 0.025		mg/l	04/17/96	1460802
	FILTERED 1460940	M037	Copper, Dissolved	< 0.025		mg/l	05/22/96	1460886

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Inorganic Parameters
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
MP-1 #17								
			Metals - Dissolved					
	FILTERED	M040	Iron, Dissolved	0.73		mg/l	04/17/96	1460802
	FILTERED 1460940	M040	Iron, Dissolved	< 0.025		mg/l	05/22/96	1460886
	FILTERED	M041	Mercury, Dissolved	< 0.20		ug/l	04/17/96	1460802
	FILTERED 1460940	M041	Mercury, Dissolved	< 0.20		ug/l	05/22/96	1460886
	FILTERED	M042	Potassium, Dissolved	1.8		mg/l	04/17/96	1460802
	FILTERED 1460940	M042	Potassium, Dissolved	7.4		mg/l	05/22/96	1460886
	FILTERED	M044	Magnesium, Dissolved	1.2		mg/l	04/17/96	1460802
	FILTERED 1460940	M044	Magnesium, Dissolved	4.1		mg/l	05/22/96	1460886
	FILTERED	M045	Manganese, Dissolved	0.18		mg/l	04/17/96	1460802
	FILTERED 1460940	M045	Manganese, Dissolved	0.16		mg/l	05/22/96	1460886
	FILTERED	M047	Sodium, Dissolved	4.9		mg/l	04/17/96	1460802
	FILTERED 1460940	M047	Sodium, Dissolved	66		mg/l	05/22/96	1460886
	FILTERED	M048	Lead, Dissolved	0.006		mg/l	04/17/96	1460802
	FILTERED 1460940	M048	Lead, Dissolved	< 0.005		mg/l	05/22/96	1460886
	FILTERED	M050	Selenium, Dissolved	< 0.010		mg/l	04/17/96	1460802
	FILTERED 1460940	M050	Selenium, Dissolved	< 0.010		mg/l	05/22/96	1460886
	FILTERED	M053	Zinc, Dissolved	< 0.025		mg/l	04/17/96	1460802
	FILTERED 1460940	M053	Zinc, Dissolved	< 0.025		mg/l	05/22/96	1460886
	FILTERED	M054	Aluminum, Dissolved	0.52		mg/l	04/17/96	1460802
	FILTERED 1460940	M054	Aluminum, Dissolved	< 0.10		mg/l	05/22/96	1460886
	FILTERED	M055	Cobalt, Dissolved	< 0.030		mg/l	04/17/96	1460802
	FILTERED 1460940	M055	Cobalt, Dissolved	< 0.030		mg/l	05/22/96	1460886
	FILTERED	M059	Nickel, Dissolved	< 0.040		mg/l	04/17/96	1460802
	FILTERED 1460940	M059	Nickel, Dissolved	< 0.040		mg/l	05/22/96	1460886
	FILTERED	M098	Thallium, Dissolved	< 0.015		mg/l	04/17/96	1460802
	FILTERED 1460940	M098	Thallium, Dissolved	< 0.015		mg/l	05/22/96	1460886
	FILTERED	M099	Vanadium, Dissolved	< 0.025		mg/l	04/17/96	1460802
	FILTERED 1460940	M099	Vanadium, Dissolved	< 0.025		mg/l	05/22/96	1460886
	FILTERED	M100	Antimony, Dissolved	< 0.008		mg/l	04/17/96	1460802
	FILTERED	M100	Antimony, Dissolved	< 0.008		mg/l	04/17/96	1460802
	FILTERED 1460940	M100	Antimony, Dissolved	< 0.008		mg/l	05/22/96	1460886
		M111	Total Iron, Field	< 0.01		mg/l	05/22/96	1460940
		M112	Iron as Fe+2 - Field	< 0.01		mg/l	05/22/96	1460940
		M113	Iron as Fe+3 - Field	< 0.01		mg/l	05/22/96	1460940
		M114	Hexavalent Chromium, Field	< 0.00		mg/l	05/22/96	1460940
			Inorganic Non-metals					
	FILTERED	I005	Chloride	35		mg/l	04/17/96	1460802
	FILTERED 1460940	I005	Chloride	17		mg/l	05/22/96	1460886
	FILTERED	I009	Nitrogen, Ammonia	1.3		mg/l	04/17/96	1460802
		I009	Nitrogen, Ammonia	0.98		mg/l	05/22/96	1460940
	FILTERED	I018	Sulfate as SO4	1300		mg/l	04/17/96	1460802
	FILTERED 1460940	I018	Sulfate as SO4	1400		mg/l	05/22/96	1460886
		I059	Dissolved Oxygen, Field	0.22		mg/l	05/22/96	1460940
		I060	Eh Field	142.9		mv	05/22/96	1460940
	FILTERED	I070	Bicarbonate as HCO3	210		mg/l	04/17/96	1460802
		I070	Bicarbonate as HCO3	290		mg/l	05/22/96	1460940
	FILTERED	I071	Nitrate & Nitrite as N	3.1		mg/l	04/17/96	1460802
		I071	Nitrate & Nitrite as N	2.0		mg/l	05/22/96	1460940
			Physical Properties					
	FILTERED	F009	pH Laboratory	6.40		Std. Un	04/17/96	1460802
	FILTERED 1460940	F009	pH Laboratory	6.60		Std. Un	05/22/96	1460886
		F024	Specific Gravity	0.962		g/ml	05/22/96	1460940
		F037	pH Field	6.53		Std. Un	05/22/96	1460940
		F062	Specific Conductance - Field	2290		umhos	05/22/96	1460940
		F064	Temperature - Field	11.4		deg. C	05/22/96	1460940
MP-1 #18								
			Metals - Dissolved					
	FILTERED	M028	Arsenic, Dissolved	< 0.008		mg/l	04/17/96	1460801

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Groundwater Analytical Results
Inorganic Parameters
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
MP-1 #18								
			Metals - Dissolved					
	FILTERED 1460939	M028	Arsenic, Dissolved	< 0.008		mg/l	05/22/96	1460885
	FILTERED	M029	Barium, Dissolved	0.021		mg/l	04/17/96	1460801
	FILTERED 1460939	M029	Barium, Dissolved	0.022		mg/l	05/22/96	1460885
	FILTERED	M031	Beryllium, Dissolved	< 0.005		mg/l	04/17/96	1460801
	FILTERED 1460939	M031	Beryllium, Dissolved	< 0.005		mg/l	05/22/96	1460885
	FILTERED	M032	Silver, Dissolved	< 0.015		mg/l	04/17/96	1460801
	FILTERED 1460939	M032	Silver, Dissolved	< 0.015		mg/l	05/22/96	1460885
	FILTERED	M033	Calcium, Dissolved	600		mg/l	04/17/96	1460801
	FILTERED 1460939	M033	Calcium, Dissolved	600		mg/l	05/22/96	1460885
	FILTERED	M034	Cadmium, Dissolved	< 0.010		mg/l	04/17/96	1460801
	FILTERED 1460939	M034	Cadmium, Dissolved	< 0.010		mg/l	05/22/96	1460885
	FILTERED	M035	Hexavalent Chromium, Dissolved	< 0.010		mg/l	04/17/96	1460801
	FILTERED 1460939	M035	Hexavalent Chromium, Dissolved	< 0.010		mg/l	05/22/96	1460885
	FILTERED	M036	Chromium, Dissolved	< 0.015		mg/l	04/17/96	1460801
	FILTERED 1460939	M036	Chromium, Dissolved	< 0.015		mg/l	05/22/96	1460885
	FILTERED	M037	Copper, Dissolved	< 0.025		mg/l	04/17/96	1460801
	FILTERED 1460939	M037	Copper, Dissolved	< 0.025		mg/l	05/22/96	1460885
	FILTERED	M040	Iron, Dissolved	< 0.025		mg/l	04/17/96	1460801
	FILTERED 1460939	M040	Iron, Dissolved	< 0.025		mg/l	05/22/96	1460885
	FILTERED	M041	Mercury, Dissolved	< 0.20		ug/l	04/17/96	1460801
	FILTERED 1460939	M041	Mercury, Dissolved	< 0.20		ug/l	05/22/96	1460885
	FILTERED	M042	Potassium, Dissolved	6.9		mg/l	04/17/96	1460801
	FILTERED 1460939	M042	Potassium, Dissolved	6.9		mg/l	05/22/96	1460885
	FILTERED	M044	Magnesium, Dissolved	5.4		mg/l	04/17/96	1460801
	FILTERED 1460939	M044	Magnesium, Dissolved	4.0		mg/l	05/22/96	1460885
	FILTERED	M045	Manganese, Dissolved	0.22		mg/l	04/17/96	1[illegible]1
	FILTERED 1460939	M045	Manganese, Dissolved	0.22		mg/l	05/22/96	1[illegible]5
	FILTERED	M047	Sodium, Dissolved	84		mg/l	04/17/96	14[illegible]01
	FILTERED 1460939	M047	Sodium, Dissolved	72		mg/l	05/22/96	1460885
	FILTERED	M048	Lead, Dissolved	< 0.005		mg/l	04/17/96	1460801
	FILTERED 1460939	M048	Lead, Dissolved	< 0.005		mg/l	05/22/96	1460885
	FILTERED	M050	Selenium, Dissolved	< 0.010		mg/l	04/17/96	1460801
	FILTERED 1460939	M050	Selenium, Dissolved	< 0.010		mg/l	05/22/96	1460885
	FILTERED	M053	Zinc, Dissolved	< 0.025		mg/l	04/17/96	1460801
	FILTERED 1460939	M053	Zinc, Dissolved	< 0.025		mg/l	05/22/96	1460885
	FILTERED	M054	Aluminum, Dissolved	< 0.10		mg/l	04/17/96	1460801
	FILTERED 1460939	M054	Aluminum, Dissolved	< 0.10		mg/l	05/22/96	1460885
	FILTERED	M055	Cobalt, Dissolved	< 0.030		mg/l	04/17/96	1460801
	FILTERED 1460939	M055	Cobalt, Dissolved	< 0.030		mg/l	05/22/96	1460885
	FILTERED	M059	Nickel, Dissolved	< 0.040		mg/l	04/17/96	1460801
	FILTERED 1460939	M059	Nickel, Dissolved	< 0.040		mg/l	05/22/96	1460885
	FILTERED	M098	Thallium, Dissolved	< 0.015		mg/l	04/17/96	1460801
	FILTERED 1460939	M098	Thallium, Dissolved	< 0.015		mg/l	05/22/96	1460885
	FILTERED	M099	Vanadium, Dissolved	< 0.025		mg/l	04/17/96	1460801
	FILTERED 1460939	M099	Vanadium, Dissolved	< 0.025		mg/l	05/22/96	1460885
	FILTERED	M100	Antimony, Dissolved	< 0.008		mg/l	04/17/96	1460801
	FILTERED 1460939	M100	Antimony, Dissolved	< 0.008		mg/l	05/22/96	1460885
		M111	Total Iron, Field	< 0.01		mg/l	05/22/96	1460939
		M112	Iron as Fe+2 - Field	< 0.01		mg/l	05/22/96	1460939
		M113	Iron as Fe+3 - Field	< 0.01		mg/l	05/22/96	1460939
		M114	Hexavalent Chromium, Field	< 0.00		mg/l	05/22/96	1460939
			Inorganic Non-metals					
	FILTERED	I005	Chloride	47		mg/l	04/17/96	1460801
	FILTERED 1460939	I005	Chloride	21		mg/l	05/22/96	1460885
	FILTERED	I009	Nitrogen, Ammonia	2.6		mg/l	04/17/96	1460801
		I009	Nitrogen, Ammonia	1.5		mg/l	05/22/96	1460939
		I009	Nitrogen, Ammonia	1.5		mg/l	05/22/96	1460939
	FILTERED	I018	Sulfate as SO4	1200		mg/l	04/17/96	1460801
	FILTERED 1460939	I018	Sulfate as SO4	1400		mg/l	05/22/96	1460885

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TABLE-22
Groundwater Analytical Results
Inorganic Parameters
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
MP-1 #18								
			Inorganic Non-metals					
		I059	Dissolved Oxygen, Field	0.50		mg/l	05/22/96	1460939
		I060	Eh Field	264.6		mv	05/22/96	1460939
	FILTERED	I070	Bicarbonate as HCO3	230		mg/l	04/17/96	1460801
		I070	Bicarbonate as HCO3	290		mg/l	05/22/96	1460939
	FILTERED	I071	Nitrate & Nitrite as N	3.9		mg/l	04/17/96	1460801
			Physical Properties					
	FILTERED	F009	pH Laboratory	6.20		Std. Un	04/17/96	1460801
	FILTERED 1460939	F009	pH Laboratory	6.60		Std. Un	05/22/96	1460885
		F037	pH Field	6.64		Std. Un	05/22/96	1460939
		F062	Specific Conductance - Field	2360		umhos	05/22/96	1460939
		F064	Temperature - Field	11.3		deg. C	05/22/96	1460939
MP-2 #01								
			Metals - Dissolved					
	FILTERED 1460916	M028	Arsenic, Dissolved	1.2		mg/l	05/20/96	1460862
	FILTERED 1460916	M029	Barium, Dissolved	< 0.10		mg/l	05/20/96	1460862
	FILTERED 1460916	M031	Beryllium, Dissolved	0.16		mg/l	05/20/96	1460862
	FILTERED 1460916	M032	Silver, Dissolved	< 0.30		mg/l	05/20/96	1460862
	FILTERED 1460916	M033	Calcium, Dissolved	440		mg/l	05/20/96	1460862
	FILTERED 1460916	M034	Cadmium, Dissolved	< 0.20		mg/l	05/20/96	1460862
	FILTERED 1460916	M035	Hexavalent Chromium, Dissolved	89		mg/l	05/20/96	1460862
	FILTERED 1460916	M035	Hexavalent Chromium, Dissolved	< 1.0		mg/l	05/20/96	1460862
	FILTERED 1460916	M036	Chromium, Dissolved	4700		mg/l	05/20/96	1460862
	FILTERED 1460916	M037	Copper, Dissolved	8.1		mg/l	05/20/96	1460862
	FILTERED 1460916	M040	Iron, Dissolved	1600		mg/l	05/20/96	1460862
	FILTERED 1460916	M041	Mercury, Dissolved	0.46		ug/l	05/20/96	1460862
	FILTERED 1460916	M042	Potassium, Dissolved	45		mg/l	05/20/96	1460862
	FILTERED 1460916	M044	Magnesium, Dissolved	940		mg/l	05/20/96	1460862
	FILTERED 1460916	M045	Manganese, Dissolved	700		mg/l	05/20/96	1460862
	FILTERED 1460916	M047	Sodium, Dissolved	24000		mg/l	05/20/96	1460862
	FILTERED 1460916	M048	Lead, Dissolved	0.33		mg/l	05/20/96	1460862
	FILTERED 1460916	M050	Selenium, Dissolved	< 0.20		mg/l	05/20/96	1460862
	FILTERED 1460916	M053	Zinc, Dissolved	11		mg/l	05/20/96	1460862
	FILTERED 1460916	M054	Aluminum, Dissolved	1600		mg/l	05/20/96	1460862
	FILTERED 1460916	M055	Cobalt, Dissolved	8.3		mg/l	05/20/96	1460862
	FILTERED 1460916	M059	Nickel, Dissolved	6.5		mg/l	05/20/96	1460862
	FILTERED 1460916	M098	Thallium, Dissolved	< 0.38		mg/l	05/20/96	1460862
	FILTERED 1460916	M099	Vanadium, Dissolved	0.84		mg/l	05/20/96	1460862
	FILTERED 1460916	M100	Antimony, Dissolved	0.82		mg/l	05/20/96	1460862
		M111	Total Iron, Field	2100		mg/l	05/20/96	1460916
		M112	Iron as Fe+2 - Field	900		mg/l	05/20/96	1460916
		M113	Iron as Fe+3 - Field	1200		mg/l	05/20/96	1460916
		M114	Hexavalent Chromium, Field	< 0.00		mg/l	05/20/96	1460916
			Inorganic Non-metals					
	FILTERED 1460916	I005	Chloride	17000		mg/l	05/20/96	1460862
		I009	Nitrogen, Ammonia	140		mg/l	05/20/96	1460916
	FILTERED 1460916	I018	Sulfate as SO4	77000		mg/l	05/20/96	1460862
		I059	Dissolved Oxygen, Field	0.29		mg/l	05/20/96	1460916
		I060	Eh Field	248.1		mv	05/20/96	1460916
		I070	Bicarbonate as HCO3	< NR		mg/l	05/20/96	1460916
		I071	Nitrate & Nitrite as N	2.1		mg/l	05/20/96	1460916
			Physical Properties					
	FILTERED 1460916	F009	pH Laboratory	3.40		Std. Un	05/20/96	1460862
		F024	Specific Gravity	1.07		g/ml	05/20/96	1460916
		F037	pH Field	3.39		Std. Un	05/20/96	1460916
		F062	Specific Conductance - Field	102600		umhos	05/20/96	1460916
		F064	Temperature - Field	12.5		deg. C	05/20/96	1460916

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TABLE-22
Groundwater Analytical Results
Inorganic Parameters
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
MP-2 #02								
			Metals - Dissolved					
	FILTERED 1460915	M028	Arsenic, Dissolved	0.77		mg/l	05/20/96	1460861
	FILTERED 1460915	M029	Barium, Dissolved	< 0.10		mg/l	05/20/96	1460861
	FILTERED 1460915	M031	Beryllium, Dissolved	0.28		mg/l	05/20/96	1460861
	FILTERED 1460915	M032	Silver, Dissolved	< 0.30		mg/l	05/20/96	1460861
	FILTERED 1460915	M033	Calcium, Dissolved	410		mg/l	05/20/96	1460861
	FILTERED 1460915	M034	Cadmium, Dissolved	< 0.20		mg/l	05/20/96	1460861
	FILTERED 1460915	M035	Hexavalent Chromium, Dissolved	< 1.0		mg/l	05/20/96	1460861
	FILTERED 1460915	M035	Hexavalent Chromium, Dissolved	72		mg/l	05/20/96	1460861
	FILTERED 1460915	M036	Chromium, Dissolved	3300		mg/l	05/20/96	1460861
	FILTERED 1460915	M037	Copper, Dissolved	9.3		mg/l	05/20/96	1460861
	FILTERED 1460915	M040	Iron, Dissolved	1100		mg/l	05/20/96	1460861
	FILTERED 1460915	M041	Mercury, Dissolved	0.41		ug/l	05/20/96	1460861
	FILTERED 1460915	M042	Potassium, Dissolved	120		mg/l	05/20/96	1460861
	FILTERED 1460915	M044	Magnesium, Dissolved	1100		mg/l	05/20/96	1460861
	FILTERED 1460915	M045	Manganese, Dissolved	620		mg/l	05/20/96	1460861
	FILTERED 1460915	M047	Sodium, Dissolved	22000		mg/l	05/20/96	1460861
	FILTERED 1460915	M048	Lead, Dissolved	0.86		mg/l	05/20/96	1460861
	FILTERED 1460915	M048	Lead, Dissolved	0.86		mg/l	05/20/96	1460861
	FILTERED 1460915	M050	Selenium, Dissolved	< 0.20		mg/l	05/20/96	1460861
	FILTERED 1460915	M055	Cobalt, Dissolved	12		mg/l	05/20/96	1460861
	FILTERED 1460915	M059	Nickel, Dissolved	8.5		mg/l	05/20/96	1460861
	FILTERED 1460915	M098	Thallium, Dissolved	< 0.38		mg/l	05/20/96	1460861
	FILTERED 1460915	M099	Vanadium, Dissolved	< 0.50		mg/l	05/20/96	1460861
	FILTERED 1460915	M100	Antimony, Dissolved	1.2		mg/l	05/20/96	1460861
	FILTERED 1460915	M100	Antimony, Dissolved	1.2		mg/l	05/20/96	1460861
		M111	Total Iron, Field	1260		mg/l	05/20/96	1[illegible]15
		M112	Iron as Fe+2 - Field	1190		mg/l	05/20/96	[illegible]5
		M113	Iron as Fe+3 - Field	70		mg/l	05/20/96	1[illegible]15
		M114	Hexavalent Chromium, Field	< 0.00		mg/l	05/20/96	1460915
			Inorganic Non-metals					
	FILTERED 1460915	I005	Chloride	16000		mg/l	05/20/96	1460861
		I009	Nitrogen, Ammonia	390		mg/l	05/20/96	1460915
	FILTERED 1460915	I018	Sulfate as SO4	71000		mg/l	05/20/96	1460861
		I059	Dissolved Oxygen, Field	0.22		mg/l	05/20/96	1460915
		I060	Eh Field	263.2		mv	05/20/96	1460915
		I070	Bicarbonate as HCO3	< NR		mg/l	05/20/96	1460915
		I071	Nitrate & Nitrite as N	3.3		mg/l	05/20/96	1460915
			Physical Properties					
	FILTERED 1460915	F009	pH Laboratory	3.40		Std. Un	05/20/96	1460861
		F024	Specific Gravity	1.08		g/ml	05/20/96	1460915
		F037	pH Field	3.46		Std. Un	05/20/96	1460915
		F062	Specific Conductance - Field	96300		umhos	05/20/96	1460915
		F064	Temperature - Field	12.5		deg. C	05/20/96	1460915
MP-2 #03								
			Metals - Dissolved					
	FILTERED 1460914	M028	Arsenic, Dissolved	0.60		mg/l	05/20/96	1460860
	FILTERED 1460914	M029	Barium, Dissolved	< 0.10		mg/l	05/20/96	1460860
	FILTERED 1460914	M031	Beryllium, Dissolved	0.23		mg/l	05/20/96	1460860
	FILTERED 1460914	M032	Silver, Dissolved	< 0.30		mg/l	05/20/96	1460860
	FILTERED 1460914	M033	Calcium, Dissolved	340		mg/l	05/20/96	1460860
	FILTERED 1460914	M034	Cadmium, Dissolved	< 0.20		mg/l	05/20/96	1460860
	FILTERED 1460914	M035	Hexavalent Chromium, Dissolved	54		mg/l	05/20/96	1460860
	FILTERED 1460914	M035	Hexavalent Chromium, Dissolved	< 1.0		mg/l	05/20/96	1460860
	FILTERED 1460914	M036	Chromium, Dissolved	2400		mg/l	05/20/96	1460860
	FILTERED 1460914	M037	Copper, Dissolved	9.2		mg/l	05/20/96	1460860
	FILTERED 1460914	M040	Iron, Dissolved	1000		mg/l	05/20/96	1460860
	FILTERED 1460914	M041	Mercury, Dissolved	0.35		ug/l	05/20/96	1460860
	FILTERED 1460914	M042	Potassium, Dissolved	98		mg/l	05/20/96	1460860

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TABLE-22
Groundwater Analytical Results
Inorganic Parameters
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
MP-2 #03								
			Metals - Dissolved					
	FILTERED 1460914	M044	Magnesium, Dissolved	850		mg/l	05/20/96	1460860
	FILTERED 1460914	M045	Manganese, Dissolved	460		mg/l	05/20/96	1460860
	FILTERED 1460914	M047	Sodium, Dissolved	18000		mg/l	05/20/96	1460860
	FILTERED 1460914	M048	Lead, Dissolved	0.60		mg/l	05/20/96	1460860
	FILTERED 1460914	M050	Selenium, Dissolved	< 0.20		mg/l	05/20/96	1460860
	FILTERED 1460914	M053	Zinc, Dissolved	13		mg/l	05/20/96	1460860
	FILTERED 1460914	M054	Aluminum, Dissolved	1100		mg/l	05/20/96	1460860
	FILTERED 1460914	M055	Cobalt, Dissolved	11		mg/l	05/20/96	1460860
	FILTERED 1460914	M059	Nickel, Dissolved	7.5		mg/l	05/20/96	1460860
	FILTERED 1460914	M098	Thallium, Dissolved	< 0.38		mg/l	05/20/96	1460860
	FILTERED 1460914	M099	Vanadium, Dissolved	0.19		mg/l	05/20/96	1460860
	FILTERED 1460914	M100	Antimony, Dissolved	< 0.20		mg/l	05/20/96	1460860
		M111	Total Iron, Field	1410		mg/l	05/20/96	1460914
		M112	Iron as Fe+2 - Field	1000		mg/l	05/20/96	1460914
		M113	Iron as Fe+3 - Field	410		mg/l	05/20/96	1460914
		M114	Hexavalent Chromium, Field	< 0.00		mg/l	05/20/96	1460914
			Inorganic Non-metals					
	FILTERED 1460914	I005	Chloride	14000		mg/l	05/20/96	1460860
		I009	Nitrogen, Ammonia	210		mg/l	05/20/96	1460914
	FILTERED 1460914	I018	Sulfate as SO4	62000		mg/l	05/20/96	1460860
		I059	Dissolved Oxygen, Field	0.4		mg/l	05/20/96	1460914
		I060	Eh Field	261.9		mv	05/20/96	1460914
		I070	Bicarbonate as HCO3	< NR		mg/l	05/20/96	1460914
		I071	Nitrate & Nitrite as N	2.7		mg/l	05/20/96	1460914
			Physical Properties					
	FILTERED 1460914	F009	pH Laboratory	3.50		Std. Un	05/20/96	1460860
		F024	Specific Gravity	1.06		g/ml	05/20/96	1460914
		F037	pH Field	3.50		Std. Un	05/20/96	1460914
		F062	Specific Conductance - Field	87500		umhos	05/20/96	1460914
		F064	Temperature - Field	12.6		deg. C	05/20/96	1460914
MP-2 #04								
			Metals - Dissolved					
	FILTERED 1460913	M028	Arsenic, Dissolved	0.56		mg/l	05/20/96	1460859
	FILTERED 1460913	M029	Barium, Dissolved	< 0.10		mg/l	05/20/96	1460859
	FILTERED 1460913	M031	Beryllium, Dissolved	0.17		mg/l	05/20/96	1460859
	FILTERED 1460913	M032	Silver, Dissolved	< 0.30		mg/l	05/20/96	1460859
	FILTERED 1460913	M033	Calcium, Dissolved	390		mg/l	05/20/96	1460859
	FILTERED 1460913	M034	Cadmium, Dissolved	< 0.20		mg/l	05/20/96	1460859
	FILTERED 1460913	M035	Hexavalent Chromium, Dissolved	< 1.0		mg/l	05/20/96	1460859
	FILTERED 1460913	M035	Hexavalent Chromium, Dissolved	34		mg/l	05/20/96	1460859
	FILTERED 1460913	M036	Chromium, Dissolved	1600		mg/l	05/20/96	1460859
	FILTERED 1460913	M037	Copper, Dissolved	4.3		mg/l	05/20/96	1460859
	FILTERED 1460913	M040	Iron, Dissolved	1100		mg/l	05/20/96	1460859
	FILTERED 1460913	M041	Mercury, Dissolved	0.21		ug/l	05/20/96	1460859
	FILTERED 1460913	M042	Potassium, Dissolved	100		mg/l	05/20/96	1460859
	FILTERED 1460913	M044	Magnesium, Dissolved	770		mg/l	05/20/96	1460859
	FILTERED 1460913	M045	Manganese, Dissolved	290		mg/l	05/20/96	1460859
	FILTERED 1460913	M047	Sodium, Dissolved	15000		mg/l	05/20/96	1460859
	FILTERED 1460913	M048	Lead, Dissolved	0.72		mg/l	05/20/96	1460859
	FILTERED 1460913	M050	Selenium, Dissolved	< 0.20		mg/l	05/20/96	1460859
	FILTERED 1460913	M053	Zinc, Dissolved	11		mg/l	05/20/96	1460859
	FILTERED 1460913	M054	Aluminum, Dissolved	1200		mg/l	05/20/96	1460859
	FILTERED 1460913	M055	Cobalt, Dissolved	7.0		mg/l	05/20/96	1460859
	FILTERED 1460913	M059	Nickel, Dissolved	6.0		mg/l	05/20/96	1460859
	FILTERED 1460913	M098	Thallium, Dissolved	< 0.38		mg/l	05/20/96	1460859
	FILTERED 1460913	M099	Vanadium, Dissolved	0.13		mg/l	05/20/96	1460859
	FILTERED 1460913	M100	Antimony, Dissolved	0.58		mg/l	05/20/96	1460859
		M111	Total Iron, Field	3200		mg/l	05/20/96	1460913

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TABLE-22
Groundwater Analytical Results
Inorganic Parameters
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
MP-2 #04								
			Metals - Dissolved					
		M112	Iron as Fe+2 - Field	2930		mg/l	05/20/96	1460913
		M113	Iron as Fe+3 - Field	270		mg/l	05/20/96	1460913
		M114	Hexavalent Chromium, Field	< 0.00		mg/l	05/20/96	1460913
			Inorganic Non-metals					
	FILTERED 1460913	I005	Chloride	11000		mg/l	05/20/96	1460859
		I009	Nitrogen, Ammonia	160		mg/l	05/20/96	1460913
	FILTERED 1460913	I018	Sulfate as SO4	52000		mg/l	05/20/96	1460859
		I059	Dissolved Oxygen, Field	0.41		mg/l	05/20/96	1460913
		I060	Eh Field	209		mv	05/20/96	1460913
		I070	Bicarbonate as HCO3	< NR		mg/l	05/20/96	1460913
		I071	Nitrate & Nitrite as N	1.8		mg/l	05/20/96	1460913
			Physical Properties					
	FILTERED 1460913	F009	pH Laboratory	3.70		Std. Un	05/20/96	1460859
		F024	Specific Gravity	1.06		g/ml	05/20/96	1460913
		F037	pH Field	3.69		Std. Un	05/20/96	1460913
		F062	Specific Conductance - Field	74000		umhos	05/20/96	1460913
		F064	Temperature - Field	13.6		deg. C	05/20/96	1460913
MP-2 #06								
			Metals - Dissolved					
	FILTERED 1460917	M028	Arsenic, Dissolved	0.013		mg/l	05/20/96	1460863
	FILTERED 1460917	M029	Barium, Dissolved	0.022		mg/l	05/20/96	1460863
	FILTERED 1460917	M031	Beryllium, Dissolved	0.009		mg/l	05/20/96	1460863
	FILTERED 1460917	M032	Silver, Dissolved	< 0.015		mg/l	05/20/96	1460863
	FILTERED 1460917	M033	Calcium, Dissolved	120		mg/l	05/20/96	1460863
	FILTERED 1460917	M034	Cadmium, Dissolved	< 0.010		mg/l	05/20/96	14[illegible]3
	FILTERED 1460917	M035	Hexavalent Chromium, Dissolved	< 0.010		mg/l	05/20/96	1[illegible]3
	FILTERED 1460917	M035	Hexavalent Chromium, Dissolved	1.2		mg/l	05/20/96	14[illegible]3
	FILTERED 1460917	M036	Chromium, Dissolved	18		mg/l	05/20/96	1460863
	FILTERED 1460917	M037	Copper, Dissolved	0.14		mg/l	05/20/96	1460863
	FILTERED 1460917	M040	Iron, Dissolved	44.0		mg/l	05/20/96	1460863
	FILTERED 1460917	M041	Mercury, Dissolved	< 0.20		ug/l	05/20/96	1460863
	FILTERED 1460917	M042	Potassium, Dissolved	8.9		mg/l	05/20/96	1460863
	FILTERED 1460917	M044	Magnesium, Dissolved	48		mg/l	05/20/96	1460863
	FILTERED 1460917	M045	Manganese, Dissolved	14		mg/l	05/20/96	1460863
	FILTERED 1460917	M047	Sodium, Dissolved	700		mg/l	05/20/96	1460863
	FILTERED 1460917	M048	Lead, Dissolved	0.025		mg/l	05/20/96	1460863
	FILTERED 1460917	M050	Selenium, Dissolved	< 0.010		mg/l	05/20/96	1460863
	FILTERED 1460917	M053	Zinc, Dissolved	0.57		mg/l	05/20/96	1460863
	FILTERED 1460917	M054	Aluminum, Dissolved	39		mg/l	05/20/96	1460863
	FILTERED 1460917	M055	Cobalt, Dissolved	0.38		mg/l	05/20/96	1460863
	FILTERED 1460917	M059	Nickel, Dissolved	0.33		mg/l	05/20/96	1460863
	FILTERED 1460917	M098	Thallium, Dissolved	< 0.075		mg/l	05/20/96	1460863
	FILTERED 1460917	M099	Vanadium, Dissolved	< 0.025		mg/l	05/20/96	1460863
	FILTERED 1460917	M100	Antimony, Dissolved	< 0.040		mg/l	05/20/96	1460863
		M111	Total Iron, Field	60		mg/l	05/20/96	1460917
		M112	Iron as Fe+2 - Field	36		mg/l	05/20/96	1460917
		M113	Iron as Fe+3 - Field	24		mg/l	05/20/96	1460917
		M114	Hexavalent Chromium, Field	< 0.00		mg/l	05/20/96	1460917
			Inorganic Non-metals					
	FILTERED 1460917	I005	Chloride	500		mg/l	05/20/96	1460863
		I009	Nitrogen, Ammonia	320		mg/l	05/20/96	1460917
	FILTERED 1460917	I018	Sulfate as SO4	2500		mg/l	05/20/96	1460863
		I059	Dissolved Oxygen, Field	0.25		mg/l	05/20/96	1460917
		I060	Eh Field	107.7		mv	05/20/96	1460917
		I070	Bicarbonate as HCO3	< NR		mg/l	05/20/96	1460917
		I071	Nitrate & Nitrite as N	0.066		mg/l	05/20/96	1460917
			Physical Properties					
	FILTERED 1460917	F009	pH Laboratory	4.30		Std. Un	05/20/96	1460863

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TABLE-22
Groundwater Analytical Results
Inorganic Parameters
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
MP-2 #06								
			Physical Properties					
		F024	Specific Gravity	0.995		g/ml	05/20/96	1460917
		F037	pH Field	4.30		Std. Un	05/20/96	1460917
		F062	Specific Conductance - Field	6040		umhos	05/20/96	1460917
		F064	Temperature - Field	12.6		deg. C	05/20/96	1460917
MP-2 #07								
			Metals - Dissolved					
	FILTERED 1460912	M028	Arsenic, Dissolved	< 0.008		mg/l	05/20/96	1460858
	FILTERED 1460912	M029	Barium, Dissolved	0.012		mg/l	05/20/96	1460858
	FILTERED 1460912	M031	Beryllium, Dissolved	< 0.005		mg/l	05/20/96	1460858
	FILTERED 1460912	M032	Silver, Dissolved	< 0.015		mg/l	05/20/96	1460858
	FILTERED 1460912	M033	Calcium, Dissolved	7.1		mg/l	05/20/96	1460858
	FILTERED 1460912	M034	Cadmium, Dissolved	< 0.010		mg/l	05/20/96	1460858
	FILTERED 1460912	M035	Hexavalent Chromium, Dissolved	< 0.010		mg/l	05/20/96	1460858
	FILTERED 1460912	M036	Chromium, Dissolved	1.2		mg/l	05/20/96	1460858
	FILTERED 1460912	M037	Copper, Dissolved	< 0.025		mg/l	05/20/96	1460858
	FILTERED 1460912	M040	Iron, Dissolved	2.60		mg/l	05/20/96	1460858
	FILTERED 1460912	M041	Mercury, Dissolved	< 0.20		ug/l	05/20/96	1460858
	FILTERED 1460912	M042	Potassium, Dissolved	1.0		mg/l	05/20/96	1460858
	FILTERED 1460912	M044	Magnesium, Dissolved	2.4		mg/l	05/20/96	1460858
	FILTERED 1460912	M045	Manganese, Dissolved	0.81		mg/l	05/20/96	1460858
	FILTERED 1460912	M047	Sodium, Dissolved	74		mg/l	05/20/96	1460858
	FILTERED 1460912	M048	Lead, Dissolved	< 0.005		mg/l	05/20/96	1460858
	FILTERED 1460912	M050	Selenium, Dissolved	< 0.010		mg/l	05/20/96	1460858
	FILTERED 1460912	M053	Zinc, Dissolved	0.031		mg/l	05/20/96	1460858
	FILTERED 1460912	M054	Aluminum, Dissolved	0.076		mg/l	05/20/96	1460858
	FILTERED 1460912	M055	Cobalt, Dissolved	< 0.030		mg/l	05/20/96	1460858
	FILTERED 1460912	M059	Nickel, Dissolved	< 0.040		mg/l	05/20/96	1460858
	FILTERED 1460912	M098	Thallium, Dissolved	< 0.015		mg/l	05/20/96	1460858
	FILTERED 1460912	M099	Vanadium, Dissolved	< 0.025		mg/l	05/20/96	1460858
	FILTERED 1460912	M100	Antimony, Dissolved	< 0.008		mg/l	05/20/96	1460858
		M111	Total Iron, Field	1.67		mg/l	05/20/96	1460912
		M112	Iron as Fe+2 - Field	1.62		mg/l	05/20/96	1460912
		M113	Iron as Fe+3 - Field	0.05		mg/l	05/20/96	1460912
		M114	Hexavalent Chromium, Field	< 0.00		mg/l	05/20/96	1460912
			Inorganic Non-metals					
	FILTERED 1460912	I005	Chloride	55		mg/l	05/20/96	1460858
		I009	Nitrogen, Ammonia	28		mg/l	05/20/96	1460912
	FILTERED 1460912	I018	Sulfate as SO4	190		mg/l	05/20/96	1460858
		I059	Dissolved Oxygen, Field	0.22		mg/l	05/20/96	1460912
		I060	Eh Field	198.9		mv	05/20/96	1460912
		I070	Bicarbonate as HCO3	< 20		mg/l	05/20/96	1460912
		I071	Nitrate & Nitrite as N	0.13		mg/l	05/20/96	1460912
			Physical Properties					
	FILTERED 1460912	F009	pH Laboratory	5.20		Std. Un	05/20/96	1460858
		F024	Specific Gravity	0.962		g/ml	05/20/96	1460912
		F037	pH Field	5.02		Std. Un	05/20/96	1460912
		F062	Specific Conductance - Field	693		umhos	05/20/96	1460912
		F064	Temperature - Field	12.4		deg. C	05/20/96	1460912
MP-2 #08								
			Metals - Dissolved					
	FILTERED 1460911	M028	Arsenic, Dissolved	< 0.008		mg/l	05/20/96	1460857
	FILTERED 1460911	M029	Barium, Dissolved	0.018		mg/l	05/20/96	1460857
	FILTERED 1460911	M031	Beryllium, Dissolved	< 0.005		mg/l	05/20/96	1460857
	FILTERED 1460911	M032	Silver, Dissolved	< 0.015		mg/l	05/20/96	1460857
	FILTERED 1460911	M033	Calcium, Dissolved	8.6		mg/l	05/20/96	1460857
	FILTERED 1460911	M034	Cadmium, Dissolved	< 0.010		mg/l	05/20/96	1460857
	FILTERED 1460911	M035	Hexavalent Chromium, Dissolved	< 0.010		mg/l	05/20/96	1460857

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Inorganic Parameters
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
MP-2 #08								
			Metals - Dissolved					
	FILTERED 1460911	M036	Chromium, Dissolved	1.5		mg/l	05/20/96	1460857
	FILTERED 1460911	M037	Copper, Dissolved	< 0.025		mg/l	05/20/96	1460857
	FILTERED 1460911	M040	Iron, Dissolved	3.00		mg/l	05/20/96	1460857
	FILTERED 1460911	M041	Mercury, Dissolved	< 0.20		ug/l	05/20/96	1460857
	FILTERED 1460911	M042	Potassium, Dissolved	< 1.0		mg/l	05/20/96	1460857
	FILTERED 1460911	M044	Magnesium, Dissolved	2.5		mg/l	05/20/96	1460857
	FILTERED 1460911	M045	Manganese, Dissolved	0.97		mg/l	05/20/96	1460857
	FILTERED 1460911	M047	Sodium, Dissolved	53		mg/l	05/20/96	1460857
	FILTERED 1460911	M048	Lead, Dissolved	< 0.005		mg/l	05/20/96	1460857
	FILTERED 1460911	M050	Selenium, Dissolved	< 0.010		mg/l	05/20/96	1460857
	FILTERED 1460911	M053	Zinc, Dissolved	0.034		mg/l	05/20/96	1460857
	FILTERED 1460911	M054	Aluminum, Dissolved	1.4		mg/l	05/20/96	1460857
	FILTERED 1460911	M055	Cobalt, Dissolved	< 0.030		mg/l	05/20/96	1460857
	FILTERED 1460911	M059	Nickel, Dissolved	< 0.040		mg/l	05/20/96	1460857
	FILTERED 1460911	M098	Thallium, Dissolved	< 0.015		mg/l	05/20/96	1460857
	FILTERED 1460911	M099	Vanadium, Dissolved	< 0.025		mg/l	05/20/96	1460857
	FILTERED 1460911	M100	Antimony, Dissolved	< 0.008		mg/l	05/20/96	1460857
		M111	Total Iron, Field	1.6		mg/l	05/20/96	1460911
		M112	Iron as Fe+2 - Field	1.4		mg/l	05/20/96	1460911
		M113	Iron as Fe+3 - Field	0.20		mg/l	05/20/96	1460911
		M114	Hexavalent Chromium, Field	< 0.00		mg/l	05/20/96	1460911
			Inorganic Non-metals					
	FILTERED 1460911	I005	Chloride	50		mg/l	05/20/96	1460857
		I009	Nitrogen, Ammonia	13		mg/l	05/20/96	1460911
	FILTERED 1460911	I018	Sulfate as SO4	100		mg/l	05/20/96	1460857
		I059	Dissolved Oxygen, Field	0.22		mg/l	05/20/96	14[illegible]11
		I060	Eh Field	213.8		mv	05/20/96	[illegible]1
		I071	Nitrate & Nitrite as N	0.17		mg/l	05/20/96	1[illegible]1
			Physical Properties					
	FILTERED 1460911	F009	pH Laboratory	5.00		Std. Un	05/20/96	1460857
		F037	pH Field	4.87		Std. Un	05/20/96	1460911
		F062	Specific Conductance - Field	443		umhos	05/20/96	1460911
		F064	Temperature - Field	12.2		deg. C	05/20/96	1460911
MP-2 #09								
			Metals - Dissolved					
	FILTERED 1460910	M028	Arsenic, Dissolved	< 0.008		mg/l	05/20/96	1460856
	FILTERED 1460910	M029	Barium, Dissolved	0.017		mg/l	05/20/96	1460856
	FILTERED 1460910	M031	Beryllium, Dissolved	< 0.005		mg/l	05/20/96	1460856
	FILTERED 1460910	M032	Silver, Dissolved	< 0.015		mg/l	05/20/96	1460856
	FILTERED 1460910	M033	Calcium, Dissolved	8.6		mg/l	05/20/96	1460856
	FILTERED 1460910	M034	Cadmium, Dissolved	< 0.010		mg/l	05/20/96	1460856
	FILTERED 1460910	M035	Hexavalent Chromium, Dissolved	< 0.010		mg/l	05/20/96	1460856
	FILTERED 1460910	M036	Chromium, Dissolved	0.23		mg/l	05/20/96	1460856
	FILTERED 1460910	M037	Copper, Dissolved	< 0.025		mg/l	05/20/96	1460856
	FILTERED 1460910	M040	Iron, Dissolved	2.10		mg/l	05/20/96	1460856
	FILTERED 1460910	M041	Mercury, Dissolved	< 0.20		ug/l	05/20/96	1460856
	FILTERED 1460910	M042	Potassium, Dissolved	< 1.0		mg/l	05/20/96	1460856
	FILTERED 1460910	M044	Magnesium, Dissolved	1.9		mg/l	05/20/96	1460856
	FILTERED 1460910	M045	Manganese, Dissolved	0.72		mg/l	05/20/96	1460856
	FILTERED 1460910	M047	Sodium, Dissolved	45		mg/l	05/20/96	1460856
	FILTERED 1460910	M048	Lead, Dissolved	< 0.005		mg/l	05/20/96	1460856
	FILTERED 1460910	M050	Selenium, Dissolved	< 0.010		mg/l	05/20/96	1460856
	FILTERED 1460910	M053	Zinc, Dissolved	< 0.025		mg/l	05/20/96	1460856
	FILTERED 1460910	M054	Aluminum, Dissolved	0.26		mg/l	05/20/96	1460856
	FILTERED 1460910	M055	Cobalt, Dissolved	< 0.030		mg/l	05/20/96	1460856
	FILTERED 1460910	M059	Nickel, Dissolved	< 0.040		mg/l	05/20/96	1460856
	FILTERED 1460910	M098	Thallium, Dissolved	< 0.015		mg/l	05/20/96	1460856
	FILTERED 1460910	M099	Vanadium, Dissolved	< 0.025		mg/l	05/20/96	1460856

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Inorganic Parameters
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
MP-2 #09								
			Metals - Dissolved					
	FILTERED 1460910	M100	Antimony, Dissolved	< 0.008		mg/l	05/20/96	1460856
		M111	Total Iron, Field	2.0		mg/l	05/20/96	1460910
		M112	Iron as Fe+2 - Field	1.9		mg/l	05/20/96	1460910
		M113	Iron as Fe+3 - Field	0.10		mg/l	05/20/96	1460910
		M114	Hexavalent Chromium, Field	< 0.00		mg/l	05/20/96	1460910
			Inorganic Non-metals					
	FILTERED 1460910	I005	Chloride	49		mg/l	05/20/96	1460856
		I009	Nitrogen, Ammonia	12		mg/l	05/20/96	1460910
	FILTERED 1460910	I018	Sulfate as SO4	100		mg/l	05/20/96	1460856
		I059	Dissolved Oxygen, Field	0.28		mg/l	05/20/96	1460910
		I060	Eh Field	193.9		mv	05/20/96	1460910
		I070	Bicarbonate as HCO3	< 20		mg/l	05/20/96	1460910
		I071	Nitrate & Nitrite as N	< 0.050		mg/l	05/20/96	1460910
			Physical Properties					
	FILTERED 1460910	F009	pH Laboratory	5.00		Std. Un	05/20/96	1460856
		F024	Specific Gravity	0.964		g/ml	05/20/96	1460910
		F037	pH Field	4.90		Std. Un	05/20/96	1460910
		F062	Specific Conductance - Field	423		umhos	05/20/96	1460910
		F064	Temperature - Field	13.1		deg. C	05/20/96	1460910
MP-2 #10								
			Metals - Dissolved					
	FILTERED 1460909	M028	Arsenic, Dissolved	< 0.008		mg/l	05/20/96	1460855
	FILTERED 1460909	M029	Barium, Dissolved	0.046		mg/l	05/20/96	1460855
	FILTERED 1460909	M031	Beryllium, Dissolved	< 0.046		mg/l	05/20/96	1460855
	FILTERED 1460909	M031	Beryllium, Dissolved	< 0.005		mg/l	05/20/96	1460855
	FILTERED 1460909	M033	Calcium, Dissolved	12		mg/l	05/20/96	1460855
	FILTERED 1460909	M034	Cadmium, Dissolved	< 0.010		mg/l	05/20/96	1460855
	FILTERED 1460909	M035	Hexavalent Chromium, Dissolved	< 0.010		mg/l	05/20/96	1460855
	FILTERED 1460909	M036	Chromium, Dissolved	0.17		mg/l	05/20/96	1460855
	FILTERED 1460909	M037	Copper, Dissolved	< 0.025		mg/l	05/20/96	1460855
	FILTERED 1460909	M040	Iron, Dissolved	4.30		mg/l	05/20/96	1460855
	FILTERED 1460909	M041	Mercury, Dissolved	< 0.20		ug/l	05/20/96	1460855
	FILTERED 1460909	M042	Potassium, Dissolved	< 1.0		mg/l	05/20/96	1460855
	FILTERED 1460909	M044	Magnesium, Dissolved	3.3		mg/l	05/20/96	1460855
	FILTERED 1460909	M045	Manganese, Dissolved	1.2		mg/l	05/20/96	1460855
	FILTERED 1460909	M047	Sodium, Dissolved	39		mg/l	05/20/96	1460855
	FILTERED 1460909	M048	Lead, Dissolved	< 0.005		mg/l	05/20/96	1460855
	FILTERED 1460909	M050	Selenium, Dissolved	< 0.010		mg/l	05/20/96	1460855
	FILTERED 1460909	M053	Zinc, Dissolved	0.026		mg/l	05/20/96	1460855
	FILTERED 1460909	M054	Aluminum, Dissolved	0.29		mg/l	05/20/96	1460855
	FILTERED 1460909	M055	Cobalt, Dissolved	< 0.030		mg/l	05/20/96	1460855
	FILTERED 1460909	M059	Nickel, Dissolved	< 0.040		mg/l	05/20/96	1460855
	FILTERED 1460909	M098	Thallium, Dissolved	< 0.015		mg/l	05/20/96	1460855
	FILTERED 1460909	M099	Vanadium, Dissolved	< 0.025		mg/l	05/20/96	1460855
	FILTERED 1460909	M100	Antimony, Dissolved	< 0.008		mg/l	05/20/96	1460855
		M111	Total Iron, Field	2.0		mg/l	05/20/96	1460909
		M112	Iron as Fe+2 - Field	1.8		mg/l	05/20/96	1460909
		M113	Iron as Fe+3 - Field	0.20		mg/l	05/20/96	1460909
		M114	Hexavalent Chromium, Field	< 0.00		mg/l	05/20/96	1460909
			Inorganic Non-metals					
	FILTERED 1460909	I005	Chloride	79		mg/l	05/20/96	1460855
		I009	Nitrogen, Ammonia	7.2		mg/l	05/20/96	1460909
	FILTERED 1460909	I018	Sulfate as SO4	44		mg/l	05/20/96	1460855
		I059	Dissolved Oxygen, Field	0.21		mg/l	05/20/96	1460909
		I060	Eh Field	177.3		mv	05/20/96	1460909
		I070	Bicarbonate as HCO3	< NR		mg/l	05/20/96	1460909
		I071	Nitrate & Nitrite as N	0.21		mg/l	05/20/96	1460909

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Inorganic Parameters
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
MP-2 #10								
			Physical Properties					
	FILTERED 1460909	F009	pH Laboratory	5.10		Std. Un	05/20/96	1460855
		F037	pH Field	4.91		Std. Un	05/20/96	1460909
		F062	Specific Conductance - Field	402		umhos	05/20/96	1460909
		F064	Temperature - Field	11.8		deg. C	05/20/96	1460909
MP-2 #11								
			Metals - Dissolved					
	FILTERED 1460908	M028	Arsenic, Dissolved	< 0.008		mg/l	05/20/96	1460854
	FILTERED 1460908	M029	Barium, Dissolved	0.077		mg/l	05/20/96	1460854
	FILTERED 1460908	M031	Beryllium, Dissolved	< 0.005		mg/l	05/20/96	1460854
	FILTERED 1460908	M032	Silver, Dissolved	< 0.015		mg/l	05/20/96	1460854
	FILTERED 1460908	M033	Calcium, Dissolved	12		mg/l	05/20/96	1460854
	FILTERED 1460908	M034	Cadmium, Dissolved	< 0.010		mg/l	05/20/96	1460854
	FILTERED 1460908	M035	Hexavalent Chromium, Dissolved	< 0.010		mg/l	05/20/96	1460854
	FILTERED 1460908	M036	Chromium, Dissolved	0.24		mg/l	05/20/96	1460854
	FILTERED 1460908	M037	Copper, Dissolved	< 0.025		mg/l	05/20/96	1460854
	FILTERED 1460908	M040	Iron, Dissolved	4.60		mg/l	05/20/96	1460854
	FILTERED 1460908	M041	Mercury, Dissolved	< 0.20		ug/l	05/20/96	1460854
	FILTERED 1460908	M042	Potassium, Dissolved	2.4		mg/l	05/20/96	1460854
	FILTERED 1460908	M044	Magnesium, Dissolved	3.0		mg/l	05/20/96	1460854
	FILTERED 1460908	M045	Manganese, Dissolved	1.1		mg/l	05/20/96	1460854
	FILTERED 1460908	M047	Sodium, Dissolved	37		mg/l	05/20/96	1460854
	FILTERED 1460908	M048	Lead, Dissolved	< 0.005		mg/l	05/20/96	1460854
	FILTERED 1460908	M050	Selenium, Dissolved	< 0.010		mg/l	05/20/96	1460854
	FILTERED 1460908	M053	Zinc, Dissolved	< 0.025		mg/l	05/20/96	1460854
	FILTERED 1460908	M054	Aluminum, Dissolved	0.28		mg/l	05/20/96	[illegible]
	FILTERED 1460908	M055	Cobalt, Dissolved	< 0.030		mg/l	05/20/96	[illegible]
	FILTERED 1460908	M059	Nickel, Dissolved	< 0.040		mg/l	05/20/96	[illegible]
	FILTERED 1460908	M098	Thallium, Dissolved	< 0.015		mg/l	05/20/96	1460854
	FILTERED 1460908	M099	Vanadium, Dissolved	< 0.025		mg/l	05/20/96	1460854
	FILTERED 1460908	M100	Antimony, Dissolved	< 0.008		mg/l	05/20/96	1460854
		M111	Total Iron, Field	4.1		mg/l	05/20/96	1460908
		M112	Iron as Fe+2 - Field	3.8		mg/l	05/20/96	1460908
		M113	Iron as Fe+3 - Field	0.30		mg/l	05/20/96	1460908
		M114	Hexavalent Chromium, Field	< 0.00		mg/l	05/20/96	1460908
			Inorganic Non-metals					
	FILTERED 1460908	I005	Chloride	86		mg/l	05/20/96	1460854
		I009	Nitrogen, Ammonia	6.8		mg/l	05/20/96	1460908
	FILTERED 1460908	I018	Sulfate as SO4	26		mg/l	05/20/96	1460854
		I059	Dissolved Oxygen, Field	0.2		mg/l	05/20/96	1460908
		I060	Eh Field	116		mv	05/20/96	1460908
		I070	Bicarbonate as HCO3	< NR		mg/l	05/20/96	1460908
		I071	Nitrate & Nitrite as N	0.10		mg/l	05/20/96	1460908
			Physical Properties					
	FILTERED 1460908	F009	pH Laboratory	5.00		Std. Un	05/20/96	1460854
		F037	pH Field	4.88		Std. Un	05/20/96	1460908
		F062	Specific Conductance - Field	387		umhos	05/20/96	1460908
		F064	Temperature - Field	11.7		deg. C	05/20/96	1460908
MP-2 #12								
			Metals - Dissolved					
	FILTERED 1460907	M028	Arsenic, Dissolved	< 0.008		mg/l	05/20/96	1460853
	FILTERED 1460907	M029	Barium, Dissolved	0.051		mg/l	05/20/96	1460853
	FILTERED 1460907	M031	Beryllium, Dissolved	< 0.005		mg/l	05/20/96	1460853
	FILTERED 1460907	M032	Silver, Dissolved	< 0.015		mg/l	05/20/96	1460853
	FILTERED 1460907	M033	Calcium, Dissolved	10		mg/l	05/20/96	1460853
	FILTERED 1460907	M034	Cadmium, Dissolved	< 0.010		mg/l	05/20/96	1460853
	FILTERED 1460907	M035	Hexavalent Chromium, Dissolved	< 0.010		mg/l	05/20/96	1460853
	FILTERED 1460907	M036	Chromium, Dissolved	0.12		mg/l	05/20/96	1460853

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Inorganic Parameters
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
MP-2 #12								
			Metals - Dissolved					
	FILTERED 1460907	M037	Copper, Dissolved	< 0.025		mg/l	05/20/96	1460853
	FILTERED 1460907	M040	Iron, Dissolved	3.80		mg/l	05/20/96	1460853
	FILTERED 1460907	M041	Mercury, Dissolved	< 0.20		ug/l	05/20/96	1460853
	FILTERED 1460907	M042	Potassium, Dissolved	1.1		mg/l	05/20/96	1460853
	FILTERED 1460907	M044	Magnesium, Dissolved	2.2		mg/l	05/20/96	1460853
	FILTERED 1460907	M045	Manganese, Dissolved	0.76		mg/l	05/20/96	1460853
	FILTERED 1460907	M047	Sodium, Dissolved	36		mg/l	05/20/96	1460853
	FILTERED 1460907	M048	Lead, Dissolved	< 0.005		mg/l	05/20/96	1460853
	FILTERED 1460907	M050	Selenium, Dissolved	< 0.010		mg/l	05/20/96	1460853
	FILTERED 1460907	M053	Zinc, Dissolved	< 0.025		mg/l	05/20/96	1460853
	FILTERED 1460907	M054	Aluminum, Dissolved	0.15		mg/l	05/20/96	1460853
	FILTERED 1460907	M055	Cobalt, Dissolved	< 0.030		mg/l	05/20/96	1460853
	FILTERED 1460907	M059	Nickel, Dissolved	< 0.040		mg/l	05/20/96	1460853
	FILTERED 1460907	M098	Thallium, Dissolved	< 0.015		mg/l	05/20/96	1460853
	FILTERED 1460907	M099	Vanadium, Dissolved	< 0.025		mg/l	05/20/96	1460853
	FILTERED 1460907	M100	Antimony, Dissolved	< 0.008		mg/l	05/20/96	1460853
		M111	Total Iron, Field	3.4		mg/l	05/20/96	1460907
		M112	Iron as Fe+2 - Field	2.9		mg/l	05/20/96	1460907
		M113	Iron as Fe+3 - Field	0.50		mg/l	05/20/96	1460907
		M114	Hexavalent Chromium, Field	< 0.00		mg/l	05/20/96	1460907
			Inorganic Non-metals					
	FILTERED 1460907	I005	Chloride	81		mg/l	05/20/96	1460853
		I009	Nitrogen, Ammonia	7.9		mg/l	05/20/96	1460907
	FILTERED 1460907	I018	Sulfate as SO4	33		mg/l	05/20/96	1460853
		I060	Eh Field	-77.3		mv	05/20/96	1460907
		I071	Nitrate & Nitrite as N	0.11		mg/l	05/20/96	1460907
			Physical Properties					
	FILTERED 1460907	F009	pH Laboratory	5.10		Std. Un	05/20/96	1460853
		F037	pH Field	5.18		Std. Un	05/20/96	1460907
		F062	Specific Conductance - Field	330		umhos	05/20/96	1460907
		F064	Temperature - Field	10.7		deg. C	05/20/96	1460907
MP-2 #13								
			Metals - Dissolved					
	FILTERED 1460906	M028	Arsenic, Dissolved	< 0.008		mg/l	05/20/96	1460852
	FILTERED 1460906	M029	Barium, Dissolved	0.050		mg/l	05/20/96	1460852
	FILTERED 1460906	M031	Beryllium, Dissolved	< 0.005		mg/l	05/20/96	1460852
	FILTERED 1460906	M032	Silver, Dissolved	< 0.015		mg/l	05/20/96	1460852
	FILTERED 1460906	M033	Calcium, Dissolved	11		mg/l	05/20/96	1460852
	FILTERED 1460906	M034	Cadmium, Dissolved	< 0.010		mg/l	05/20/96	1460852
	FILTERED 1460906	M035	Hexavalent Chromium, Dissolved	< 0.010		mg/l	05/20/96	1460852
	FILTERED 1460906	M036	Chromium, Dissolved	0.21		mg/l	05/20/96	1460852
	FILTERED 1460906	M037	Copper, Dissolved	< 0.025		mg/l	05/20/96	1460852
	FILTERED 1460906	M040	Iron, Dissolved	4.70		mg/l	05/20/96	1460852
	FILTERED 1460906	M041	Mercury, Dissolved	< 0.20		ug/l	05/20/96	1460852
	FILTERED 1460906	M042	Potassium, Dissolved	1.5		mg/l	05/20/96	1460852
	FILTERED 1460906	M044	Magnesium, Dissolved	2.9		mg/l	05/20/96	1460852
	FILTERED 1460906	M045	Manganese, Dissolved	0.82		mg/l	05/20/96	1460852
	FILTERED 1460906	M047	Sodium, Dissolved	89		mg/l	05/20/96	1460852
	FILTERED 1460906	M048	Lead, Dissolved	< 0.005		mg/l	05/20/96	1460852
	FILTERED 1460906	M050	Selenium, Dissolved	< 0.010		mg/l	05/20/96	1460852
	FILTERED 1460906	M053	Zinc, Dissolved	0.037		mg/l	05/20/96	1460852
	FILTERED 1460906	M054	Aluminum, Dissolved	0.21		mg/l	05/20/96	1460852
	FILTERED 1460906	M055	Cobalt, Dissolved	< 0.030		mg/l	05/20/96	1460852
	FILTERED 1460906	M059	Nickel, Dissolved	< 0.040		mg/l	05/20/96	1460852
	FILTERED 1460906	M098	Thallium, Dissolved	< 0.015		mg/l	05/20/96	1460852
	FILTERED 1460906	M099	Vanadium, Dissolved	< 0.025		mg/l	05/20/96	1460852
	FILTERED 1460906	M100	Antimony, Dissolved	< 0.008		mg/l	05/20/96	1460852
		M111	Total Iron, Field	4.2		mg/l	05/20/96	1460906

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TABLE-22
Groundwater Analytical Results
Inorganic Parameters
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
MP-2 #13								
			Metals - Dissolved					
		M112	Iron as Fe+2 - Field	3.7		mg/l	05/20/96	1460906
		M113	Iron as Fe+3 - Field	0.50		mg/l	05/20/96	1460906
		M114	Hexavalent Chromium, Field	< 0.00		mg/l	05/20/96	1460906
			Inorganic Non-metals					
	FILTERED 1460906	I005	Chloride	75		mg/l	05/20/96	1460852
		I009	Nitrogen, Ammonia	9.7		mg/l	05/20/96	1460906
	FILTERED 1460906	I018	Sulfate as SO4	160		mg/l	05/20/96	1460852
		I059	Dissolved Oxygen, Field	0.24		mg/l	05/20/96	1460906
		I060	Eh Field	92.3		mv	05/20/96	1460906
		I070	Bicarbonate as HCO3	< 20		mg/l	05/20/96	1460906
		I070	Bicarbonate as HCO3	< 20		mg/l	05/20/96	1460906
		I071	Nitrate & Nitrite as N	0.19		mg/l	05/20/96	1460906
			Physical Properties					
	FILTERED 1460906	F009	pH Laboratory	5.10		Std. Un	05/20/96	1460852
		F037	pH Field	5.11		Std. Un	05/20/96	1460906
		F062	Specific Conductance - Field	699		umhos	05/20/96	1460906
		F064	Temperature - Field	11		deg. C	05/20/96	1460906
MP-2 #14								
			Metals - Dissolved					
	FILTERED 1460905	M028	Arsenic, Dissolved	< 0.008		mg/l	05/20/96	1460851
	FILTERED 1460905	M029	Barium, Dissolved	0.037		mg/l	05/20/96	1460851
	FILTERED 1460905	M031	Beryllium, Dissolved	< 0.005		mg/l	05/20/96	1460851
	FILTERED 1460905	M032	Silver, Dissolved	< 0.015		mg/l	05/20/96	1460851
	FILTERED 1460905	M033	Calcium, Dissolved	11		mg/l	05/20/96	1460851
	FILTERED 1460905	M034	Cadmium, Dissolved	< 0.010		mg/l	05/20/96	1[illegible]51
	FILTERED 1460905	M035	Hexavalent Chromium, Dissolved	< 0.010		mg/l	05/20/96 [illegible]	[illegible]1
	FILTERED 1460905	M036	Chromium, Dissolved	0.14		mg/l	05/20/96 1[illegible]51	
	FILTERED 1460905	M037	Copper, Dissolved	< 0.025		mg/l	05/20/96	1460851
	FILTERED 1460905	M040	Iron, Dissolved	6.10		mg/l	05/20/96	1460851
	FILTERED 1460905	M041	Mercury, Dissolved	< 0.20		ug/l	05/20/96	1460851
	FILTERED 1460905	M042	Potassium, Dissolved	2.4		mg/l	05/20/96	1460851
	FILTERED 1460905	M044	Magnesium, Dissolved	2.9		mg/l	05/20/96	1460851
	FILTERED 1460905	M045	Manganese, Dissolved	0.80		mg/l	05/20/96	1460851
	FILTERED 1460905	M047	Sodium, Dissolved	130		mg/l	05/20/96	1460851
	FILTERED 1460905	M048	Lead, Dissolved	< 0.005		mg/l	05/20/96	1460851
	FILTERED 1460905	M050	Selenium, Dissolved	< 0.010		mg/l	05/20/96	1460851
	FILTERED 1460905	M053	Zinc, Dissolved	0.026		mg/l	05/20/96	1460851
	FILTERED 1460905	M054	Aluminum, Dissolved	0.21		mg/l	05/20/96	1460851
	FILTERED 1460905	M055	Cobalt, Dissolved	< 0.030		mg/l	05/20/96	1460851
	FILTERED 1460905	M059	Nickel, Dissolved	< 0.040		mg/l	05/20/96	1460851
	FILTERED 1460905	M098	Thallium, Dissolved	< 0.015		mg/l	05/20/96	1460851
	FILTERED 1460905	M099	Vanadium, Dissolved	< 0.025		mg/l	05/20/96	1460851
	FILTERED 1460905	M100	Antimony, Dissolved	< 0.008		mg/l	05/20/96	1460851
		M111	Total Iron, Field	6.2		mg/l	05/20/96	1460905
		M112	Iron as Fe+2 - Field	6.0		mg/l	05/20/96	1460905
		M113	Iron as Fe+3 - Field	0.20		mg/l	05/20/96	1460905
		M114	Hexavalent Chromium, Field	< 0.00		mg/l	05/20/96	1460905
			Inorganic Non-metals					
	FILTERED 1460905	I005	Chloride	100		mg/l	05/20/96	1460851
		I009	Nitrogen, Ammonia	15		mg/l	05/20/96	1460905
	FILTERED 1460905	I018	Sulfate as SO4	200		mg/l	05/20/96	1460851
		I060	Eh Field	91		mv	05/20/96	1460905
		I070	Bicarbonate as HCO3	< 20		mg/l	05/20/96	1460905
		I071	Nitrate & Nitrite as N	0.084		mg/l	05/20/96	1460905
			Physical Properties					
	FILTERED 1460905	F009	pH Laboratory	5.20		Std. Un	05/20/96	1460851
		F037	pH Field	5.30		Std. Un	05/20/96	1460905
		F062	Specific Conductance - Field	737		umhos	05/20/96	1460905

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Groundwater Analytical Results
Inorganic Parameters
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
MP-2 #14								
			Physical Properties					
		F064	Temperature - Field	10.7		deg. C	05/20/96	1460905
MP-2 #15								
			Metals - Dissolved					
	FILTERED 1460904	M028	Arsenic, Dissolved	< 0.008		mg/l	05/20/96	1460850
	FILTERED 1460904	M029	Barium, Dissolved	0.022		mg/l	05/20/96	1460850
	FILTERED 1460904	M031	Beryllium, Dissolved	< 0.005		mg/l	05/20/96	1460850
	FILTERED 1460904	M032	Silver, Dissolved	< 0.015		mg/l	05/20/96	1460850
	FILTERED 1460904	M033	Calcium, Dissolved	13		mg/l	05/20/96	1460850
	FILTERED 1460904	M034	Cadmium, Dissolved	< 0.010		mg/l	05/20/96	1460850
	FILTERED 1460904	M035	Hexavalent Chromium, Dissolved	< 0.010		mg/l	05/20/96	1460850
	FILTERED 1460904	M036	Chromium, Dissolved	0.15		mg/l	05/20/96	1460850
	FILTERED 1460904	M037	Copper, Dissolved	< 0.025		mg/l	05/20/96	1460850
	FILTERED 1460904	M040	Iron, Dissolved	15.0		mg/l	05/20/96	1460850
	FILTERED 1460904	M041	Mercury, Dissolved	< 0.20		ug/l	05/20/96	1460850
	FILTERED 1460904	M042	Potassium, Dissolved	3.4		mg/l	05/20/96	1460850
	FILTERED 1460904	M044	Magnesium, Dissolved	5.5		mg/l	05/20/96	1460850
	FILTERED 1460904	M045	Manganese, Dissolved	2.1		mg/l	05/20/96	1460850
	FILTERED 1460904	M047	Sodium, Dissolved	270		mg/l	05/20/96	1460850
	FILTERED 1460904	M048	Lead, Dissolved	< 0.005		mg/l	05/20/96	1460850
	FILTERED 1460904	M050	Selenium, Dissolved	< 0.010		mg/l	05/20/96	1460850
	FILTERED 1460904	M053	Zinc, Dissolved	0.047		mg/l	05/20/96	1460850
	FILTERED 1460904	M054	Aluminum, Dissolved	0.15		mg/l	05/20/96	1460850
	FILTERED 1460904	M055	Cobalt, Dissolved	< 0.030		mg/l	05/20/96	1460850
	FILTERED 1460904	M059	Nickel, Dissolved	< 0.040		mg/l	05/20/96	1460850
	FILTERED 1460904	M098	Thallium, Dissolved	< 0.015		mg/l	05/20/96	1460850
	FILTERED 1460904	M099	Vanadium, Dissolved	< 0.025		mg/l	05/20/96	1460850
	FILTERED 1460904	M100	Antimony, Dissolved	< 0.008		mg/l	05/20/96	1460850
		M111	Total Iron, Field	10.6		mg/l	05/20/96	1460904
		M112	Iron as Fe+2 - Field	6.9		mg/l	05/20/96	1460904
		M113	Iron as Fe+3 - Field	3.70		mg/l	05/20/96	1460904
		M114	Hexavalent Chromium, Field	< 0.00		mg/l	05/20/96	1460904
			Inorganic Non-metals					
	FILTERED 1460904	I005	Chloride	140		mg/l	05/20/96	1460850
		I009	Nitrogen, Ammonia	20		mg/l	05/20/96	1460904
	FILTERED 1460904	I018	Sulfate as SO4	570		mg/l	05/20/96	1460850
		I059	Dissolved Oxygen, Field	0.27		mg/l	05/20/96	1460904
		I060	Eh Field	51.8		mv	05/20/96	1460904
		I070	Bicarbonate as HCO3	24		mg/l	05/20/96	1460904
		I071	Nitrate & Nitrite as N	0.20		mg/l	05/20/96	1460904
			Physical Properties					
	FILTERED 1460904	F009	pH Laboratory	5.50		Std. Un	05/20/96	1460850
		F024	Specific Gravity	0.977		g/ml	05/20/96	1460904
		F037	pH Field	5.43		Std. Un	05/20/96	1460904
		F062	Specific Conductance - Field	1730		umhos	05/20/96	1460904
		F064	Temperature - Field	11.2		deg. C	05/20/96	1460904
MP-2 #16								
			Metals - Dissolved					
	FILTERED 1460903	M028	Arsenic, Dissolved	< 0.008		mg/l	05/20/96	1460849
	FILTERED 1460903	M029	Barium, Dissolved	0.023		mg/l	05/20/96	1460849
	FILTERED 1460903	M031	Beryllium, Dissolved	< 0.005		mg/l	05/20/96	1460849
	FILTERED 1460903	M032	Silver, Dissolved	< 0.015		mg/l	05/20/96	1460849
	FILTERED 1460903	M033	Calcium, Dissolved	9.7		mg/l	05/20/96	1460849
	FILTERED 1460903	M034	Cadmium, Dissolved	< 0.010		mg/l	05/20/96	1460849
	FILTERED 1460903	M034	Cadmium, Dissolved	< 0.010		mg/l	05/20/96	1460849
	FILTERED 1460903	M035	Hexavalent Chromium, Dissolved	< 0.010		mg/l	05/20/96	1460849
	FILTERED 1460903	M037	Copper, Dissolved	< 0.025		mg/l	05/20/96	1460849
	FILTERED 1460903	M040	Iron, Dissolved	33.0		mg/l	05/20/96	1460849

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Groundwater Analytical Results
Inorganic Parameters
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
MP-2 #16								
			Metals - Dissolved					
	FILTERED 1460903	M041	Mercury, Dissolved	< 0.20		ug/l	05/20/96	1460849
	FILTERED 1460903	M042	Potassium, Dissolved	3.3		mg/l	05/20/96	1460849
	FILTERED 1460903	M044	Magnesium, Dissolved	4.7		mg/l	05/20/96	1460849
	FILTERED 1460903	M045	Manganese, Dissolved	2.5		mg/l	05/20/96	1460849
	FILTERED 1460903	M047	Sodium, Dissolved	220		mg/l	05/20/96	1460849
	FILTERED 1460903	M048	Lead, Dissolved	< 0.005		mg/l	05/20/96	1460849
	FILTERED 1460903	M050	Selenium, Dissolved	< 0.010		mg/l	05/20/96	1460849
	FILTERED 1460903	M053	Zinc, Dissolved	< 0.025		mg/l	05/20/96	1460849
	FILTERED 1460903	M054	Aluminum, Dissolved	< 0.10		mg/l	05/20/96	1460849
	FILTERED 1460903	M055	Cobalt, Dissolved	< 0.030		mg/l	05/20/96	1460849
	FILTERED 1460903	M059	Nickel, Dissolved	< 0.040		mg/l	05/20/96	1460849
	FILTERED 1460903	M098	Thallium, Dissolved	< 0.015		mg/l	05/20/96	1460849
	FILTERED 1460903	M099	Vanadium, Dissolved	< 0.025		mg/l	05/20/96	1460849
	FILTERED 1460903	M100	Antimony, Dissolved	< 0.008		mg/l	05/20/96	1460849
		M111	Total Iron, Field	18.5		mg/l	05/20/96	1460903
		M112	Iron as Fe+2 - Field	12.2		mg/l	05/20/96	1460903
		M113	Iron as Fe+3 - Field	6.3		mg/l	05/20/96	1460903
		M114	Hexavalent Chromium, Field	< 0.00		mg/l	05/20/96	1460903
			Inorganic Non-metals					
	FILTERED 1460903	I005	Chloride	150		mg/l	05/20/96	1460849
		I009	Nitrogen, Ammonia	28		mg/l	05/20/96	1460903
	FILTERED 1460903	I018	Sulfate as SO4	430		mg/l	05/20/96	1460849
		I060	Eh Field	-76.5		mv	05/20/96	1460903
		I070	Bicarbonate as HCO3	50		mg/l	05/20/96	1460903
		I071	Nitrate & Nitrite as N	0.069		mg/l	05/20/96	1460903
			Physical Properties					
	FILTERED 1460903	F009	pH Laboratory	5.70		Std. Un	05/20/96	[illegible]9
		F037	pH Field	5.86		Std. Un	05/20/96	1[illegible]J3
		F062	Specific Conductance - Field	1310		umhos	05/20/96	1460903
		F064	Temperature - Field	11.3		deg. C	05/20/96	1460903
MP-2 #17								
			Metals - Dissolved					
	FILTERED 1460902	M028	Arsenic, Dissolved	< 0.008		mg/l	05/20/96	1460848
	FILTERED 1460902	M029	Barium, Dissolved	0.026		mg/l	05/20/96	1460848
	FILTERED 1460902	M031	Beryllium, Dissolved	< 0.005		mg/l	05/20/96	1460848
	FILTERED 1460902	M032	Silver, Dissolved	< 0.015		mg/l	05/20/96	1460848
	FILTERED 1460902	M033	Calcium, Dissolved	11		mg/l	05/20/96	1460848
	FILTERED 1460902	M034	Cadmium, Dissolved	< 0.010		mg/l	05/20/96	1460848
	FILTERED 1460902	M035	Hexavalent Chromium, Dissolved	< 0.010		mg/l	05/20/96	1460848
	FILTERED 1460902	M036	Chromium, Dissolved	0.028		mg/l	05/20/96	1460848
	FILTERED 1460902	M037	Copper, Dissolved	< 0.025		mg/l	05/20/96	1460848
	FILTERED 1460902	M040	Iron, Dissolved	38.0		mg/l	05/20/96	1460848
	FILTERED 1460902	M041	Mercury, Dissolved	< 0.20		ug/l	05/20/96	1460848
	FILTERED 1460902	M042	Potassium, Dissolved	3.5		mg/l	05/20/96	1460848
	FILTERED 1460902	M044	Magnesium, Dissolved	7.0		mg/l	05/20/96	1460848
	FILTERED 1460902	M045	Manganese, Dissolved	3.3		mg/l	05/20/96	1460848
	FILTERED 1460902	M047	Sodium, Dissolved	250		mg/l	05/20/96	1460848
	FILTERED 1460902	M048	Lead, Dissolved	< 0.005		mg/l	05/20/96	1460848
	FILTERED 1460902	M050	Selenium, Dissolved	< 0.010		mg/l	05/20/96	1460848
	FILTERED 1460902	M053	Zinc, Dissolved	< 0.025		mg/l	05/20/96	1460848
	FILTERED 1460902	M054	Aluminum, Dissolved	< 0.10		mg/l	05/20/96	1460848
	FILTERED 1460902	M055	Cobalt, Dissolved	< 0.030		mg/l	05/20/96	1460848
	FILTERED 1460902	M059	Nickel, Dissolved	< 0.040		mg/l	05/20/96	1460848
	FILTERED 1460902	M098	Thallium, Dissolved	< 0.015		mg/l	05/20/96	1460848
	FILTERED 1460902	M099	Vanadium, Dissolved	< 0.025		mg/l	05/20/96	1460848
	FILTERED 1460902	M100	Antimony, Dissolved	< 0.008		mg/l	05/20/96	1460848
		M111	Total Iron, Field	18		mg/l	05/20/96	1460902
		M112	Iron as Fe+2 - Field	36		mg/l	05/20/96	1460902

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TABLE-22
Groundwater Analytical Results
Inorganic Parameters
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
MP-2 #17								
			Metals - Dissolved					
		M113	Iron as Fe+3 - Field	< 0.01		mg/l	05/20/96	1460902
		M114	Hexavalent Chromium, Field	< 0.00		mg/l	05/20/96	1460902
			Inorganic Non-metals					
	FILTERED 1460902	I005	Chloride	190		mg/l	05/20/96	1460848
		I009	Nitrogen, Ammonia	23		mg/l	05/20/96	1460902
	FILTERED 1460902	I018	Sulfate as SO4	390		mg/l	05/20/96	1460848
		I059	Dissolved Oxygen, Field	0.31		mg/l	05/20/96	1460902
		I060	Eh Field	-12.8		mv	05/20/96	1460902
		I070	Bicarbonate as HCO3	76		mg/l	05/20/96	1460902
		I071	Nitrate & Nitrite as N	0.058		mg/l	05/20/96	1460902
			Physical Properties					
	FILTERED 1460902	F009	pH Laboratory	6.00		Std. Un	05/20/96	1460848
		F037	pH Field	5.93		Std. Un	05/20/96	1460902
		F062	Specific Conductance - Field	1720		umhos	05/20/96	1460902
		F064	Temperature - Field	11.9		deg. C	05/20/96	1460902
MP-3 #01								
			Metals - Dissolved					
	FILTERED 1460938	M028	Arsenic, Dissolved	0.62		mg/l	05/22/96	1460884
	FILTERED 1460938	M029	Barium, Dissolved	< 0.13		mg/l	05/22/96	1460884
	FILTERED 1460938	M031	Beryllium, Dissolved	0.19		mg/l	05/22/96	1460884
	FILTERED 1460938	M032	Silver, Dissolved	< 0.38		mg/l	05/22/96	1460884
	FILTERED 1460938	M033	Calcium, Dissolved	520		mg/l	05/22/96	1460884
	FILTERED 1460938	M034	Cadmium, Dissolved	< 0.25		mg/l	05/22/96	1460884
	FILTERED 1460938	M035	Hexavalent Chromium, Dissolved	79		mg/l	05/22/96	1460884
	FILTERED 1460938	M035	Hexavalent Chromium, Dissolved	< 0.050		mg/l	05/22/96	1460884
	FILTERED 1460938	M036	Chromium, Dissolved	[illegible]		mg/l	05/22/96	1460884
	FILTERED 1460938	M037	Copper, Dissolved	[illegible]		mg/l	05/22/96	1460884
	FILTERED 1460938	M040	Iron, Dissolved	1800		mg/l	05/22/96	1460884
	FILTERED 1460938	M041	Mercury, Dissolved	< 0.20		ug/l	05/22/96	1460884
	FILTERED 1460938	M042	Potassium, Dissolved	100		mg/l	05/22/96	1460884
	FILTERED 1460938	M044	Magnesium, Dissolved	930		mg/l	05/22/96	1460884
	FILTERED 1460938	M045	Manganese, Dissolved	200		mg/l	05/22/96	1460884
	FILTERED 1460938	M047	Sodium, Dissolved	12000		mg/l	05/22/96	1460884
	FILTERED 1460938	M048	Lead, Dissolved	0.23		mg/l	05/22/96	1460884
	FILTERED 1460938	M050	Selenium, Dissolved	< 0.25		mg/l	05/22/96	1460884
	FILTERED 1460938	M053	Zinc, Dissolved	14		mg/l	05/22/96	1460884
	FILTERED 1460938	M054	Aluminum, Dissolved	1500		mg/l	05/22/96	1460884
	FILTERED 1460938	M055	Cobalt, Dissolved	6.7		mg/l	05/22/96	1460884
	FILTERED 1460938	M059	Nickel, Dissolved	6.5		mg/l	05/22/96	1460884
	FILTERED 1460938	M098	Thallium, Dissolved	< 0.38		mg/l	05/22/96	1460884
	FILTERED 1460938	M099	Vanadium, Dissolved	< 0.63		mg/l	05/22/96	1460884
	FILTERED 1460938	M100	Antimony, Dissolved	< 0.20		mg/l	05/22/96	1460884
		M111	Total Iron, Field	1900		mg/l	05/22/96	1460938
		M112	Iron as Fe+2 - Field	1620		mg/l	05/22/96	1460938
		M113	Iron as Fe+3 - Field	280		mg/l	05/22/96	1460938
		M114	Hexavalent Chromium, Field	< 0.00		mg/l	05/22/96	1460938
			Inorganic Non-metals					
	FILTERED 1460938	I005	Chloride	12000		mg/l	05/22/96	1460884
		I009	Nitrogen, Ammonia	310		mg/l	05/22/96	1460938
	FILTERED 1460938	I018	Sulfate as SO4	48000		mg/l	05/22/96	1460884
		I059	Dissolved Oxygen, Field	0.43		mg/l	05/22/96	1460938
		I060	Eh Field	218.3		mv	05/22/96	1460938
		I070	Bicarbonate as HCO3	< NR		mg/l	05/22/96	1460938
		I071	Nitrate & Nitrite as N	5.1		mg/l	05/22/96	1460938
			Physical Properties					
	FILTERED 1460938	F009	pH Laboratory	3.60		Std. Un	05/22/96	1460884
		F024	Specific Gravity	1.04		g/ml	05/22/96	1460938
		F037	pH Field	3.75		Std. Un	05/22/96	1460938

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Groundwater Analytical Results
Inorganic Parameters
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
MP-3 #01								
			Physical Properties					
		F062	Specific Conductance - Field	51000		umhos	05/22/96	1460938
		F064	Temperature - Field	14.1		deg. C	05/22/96	1460938
MP-3 #02								
			Metals - Dissolved					
	FILTERED 1460937	M028	Arsenic, Dissolved	0.43		mg/l	05/22/96	1460883
	FILTERED 1460937	M029	Barium, Dissolved	< 0.13		mg/l	05/22/96	1460883
	FILTERED 1460937	M031	Beryllium, Dissolved	0.16		mg/l	05/22/96	1460883
	FILTERED 1460937	M032	Silver, Dissolved	< 0.38		mg/l	05/22/96	1460883
	FILTERED 1460937	M033	Calcium, Dissolved	530		mg/l	05/22/96	1460883
	FILTERED 1460937	M034	Cadmium, Dissolved	< 0.25		mg/l	05/22/96	1460883
	FILTERED 1460937	M035	Hexavalent Chromium, Dissolved	47		mg/l	05/22/96	1460883
	FILTERED 1460937	M035	Hexavalent Chromium, Dissolved	< 0.050		mg/l	05/22/96	1460883
	FILTERED 1460937	M036	Chromium, Dissolved	830		mg/l	05/22/96	1460883
	FILTERED 1460937	M037	Copper, Dissolved	4.2		mg/l	05/22/96	1460883
	FILTERED 1460937	M040	Iron, Dissolved	1800		mg/l	05/22/96	1460883
	FILTERED 1460937	M041	Mercury, Dissolved	< 0.20		ug/l	05/22/96	1460883
	FILTERED 1460937	M042	Potassium, Dissolved	100		mg/l	05/22/96	1460883
	FILTERED 1460937	M044	Magnesium, Dissolved	830		mg/l	05/22/96	1460883
	FILTERED 1460937	M045	Manganese, Dissolved	130		mg/l	05/22/96	1460883
	FILTERED 1460937	M047	Sodium, Dissolved	12000		mg/l	05/22/96	1460883
	FILTERED 1460937	M048	Lead, Dissolved	0.24		mg/l	05/22/96	1460883
	FILTERED 1460937	M050	Selenium, Dissolved	< 0.25		mg/l	05/22/96	1460883
	FILTERED 1460937	M053	Zinc, Dissolved	12		mg/l	05/22/96	1460883
	FILTERED 1460937	M054	Aluminum, Dissolved	1400		mg/l	05/22/96	1460883
	FILTERED 1460937	M055	Cobalt, Dissolved	4.6		mg/l	05/22/96	1[illegible]83
	FILTERED 1460937	M059	Nickel, Dissolved	5.1		mg/l	05/22/96	[illegible]3
	FILTERED 1460937	M098	Thallium, Dissolved	< 0.38		mg/l	05/22/96	1[illegible]83
	FILTERED 1460937	M099	Vanadium, Dissolved	< 0.63		mg/l	05/22/96	1460883
	FILTERED 1460937	M100	Antimony, Dissolved	< 0.20		mg/l	05/22/96	1460883
		M111	Total Iron, Field	1610		mg/l	05/22/96	1460937
		M112	Iron as Fe+2 - Field	1230		mg/l	05/22/96	1460937
		M113	Iron as Fe+3 - Field	380		mg/l	05/22/96	1460937
		M114	Hexavalent Chromium, Field	< 0.00		mg/l	05/22/96	1460937
			Inorganic Non-metals					
	FILTERED 1460937	I005	Chloride	5000		mg/l	05/22/96	1460883
		I009	Nitrogen, Ammonia	29		mg/l	05/22/96	1460937
	FILTERED 1460937	I018	Sulfate as SO4	38000		mg/l	05/22/96	1460883
		I059	Dissolved Oxygen, Field	0.2		mg/l	05/22/96	1460937
		I060	Eh Field	249.7		mv	05/22/96	1460937
		I070	Bicarbonate as HCO3	< NR		mg/l	05/22/96	1460937
		I071	Nitrate & Nitrite as N	6.1		mg/l	05/22/96	1460937
			Physical Properties					
	FILTERED 1460937	F009	pH Laboratory	3.60		Std. Un	05/22/96	1460883
		F024	Specific Gravity	1.02		g/ml	05/22/96	1460937
		F037	pH Field	3.71		Std. Un	05/22/96	1460937
		F062	Specific Conductance - Field	60600		umhos	05/22/96	1460937
		F064	Temperature - Field	11.5		deg. C	05/22/96	1460937
MP-3 #03								
			Metals - Dissolved					
	FILTERED 1460936	M028	Arsenic, Dissolved	0.15		mg/l	05/22/96	1460882
	FILTERED 1460936	M029	Barium, Dissolved	0.026		mg/l	05/22/96	1460882
	FILTERED 1460936	M029	Barium, Dissolved	0.026		mg/l	05/22/96	1460882
	FILTERED 1460936	M031	Beryllium, Dissolved	0.094		mg/l	05/22/96	1460882
	FILTERED 1460936	M032	Silver, Dissolved	< 0.015		mg/l	05/22/96	1460882
	FILTERED 1460936	M033	Calcium, Dissolved	460		mg/l	05/22/96	1460882
	FILTERED 1460936	M035	Hexavalent Chromium, Dissolved	< 0.025		mg/l	05/22/96	1460882
	FILTERED 1460936	M035	Hexavalent Chromium, Dissolved	21		mg/l	05/22/96	1460882

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Groundwater Analytical Results
Inorganic Parameters
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
MP-3 #03								
			Metals - Dissolved					
	FILTERED 1460936	M036	Chromium, Dissolved	290		mg/l	05/22/96	1460882
	FILTERED 1460936	M037	Copper, Dissolved	2.8		mg/l	05/22/96	1460882
	FILTERED 1460936	M040	Iron, Dissolved	520		mg/l	05/22/96	1460882
	FILTERED 1460936	M041	Mercury, Dissolved	< 0.20		ug/l	05/22/96	1460882
	FILTERED 1460936	M042	Potassium, Dissolved	54		mg/l	05/22/96	1460882
	FILTERED 1460936	M044	Magnesium, Dissolved	600		mg/l	05/22/96	1460882
	FILTERED 1460936	M045	Manganese, Dissolved	78		mg/l	05/22/96	1460882
	FILTERED 1460936	M047	Sodium, Dissolved	6800		mg/l	05/22/96	1460882
	FILTERED 1460936	M048	Lead, Dissolved	0.096		mg/l	05/22/96	1460882
	FILTERED 1460936	M050	Selenium, Dissolved	< 0.010		mg/l	05/22/96	1460882
	FILTERED 1460936	M053	Zinc, Dissolved	8.2		mg/l	05/22/96	1460882
	FILTERED 1460936	M054	Aluminum, Dissolved	930		mg/l	05/22/96	1460882
	FILTERED 1460936	M055	Cobalt, Dissolved	3.2		mg/l	05/22/96	1460882
	FILTERED 1460936	M059	Nickel, Dissolved	3.7		mg/l	05/22/96	1460882
	FILTERED 1460936	M098	Thallium, Dissolved	< 0.38		mg/l	05/22/96	1460882
	FILTERED 1460936	M099	Vanadium, Dissolved	< 0.025		mg/l	05/22/96	1460882
	FILTERED 1460936	M100	Antimony, Dissolved	0.068		mg/l	05/22/96	1460882
		M111	Total Iron, Field	580		mg/l	05/22/96	1460936
		M112	Iron as Fe+2 - Field	510		mg/l	05/22/96	1460936
		M113	Iron as Fe+3 - Field	70		mg/l	05/22/96	1460936
		M114	Hexavalent Chromium, Field	< 0.00		mg/l	05/22/96	1460936
			Inorganic Non-metals					
	FILTERED 1460936	I005	Chloride	3400		mg/l	05/22/96	1460882
		I009	Nitrogen, Ammonia	34		mg/l	05/22/96	1460936
	FILTERED 1460936	I018	Sulfate as SO4	24000		mg/l	05/22/96	1460882
		I059	Dissolved Oxygen, Field	1.66		mg/l	05/22/96	1460936
		I060	Eh Field	287.4		mv	05/22/96	1460936
		I070	Bicarbonate as HCO3	< NR		mg/l	05/22/96	1460936
		I071	Nitrate & Nitrite as N	8.8		mg/l	05/22/96	1460936
			Physical Properties					
	FILTERED 1460936	F009	pH Laboratory	3.60		Std. Un	05/22/96	1460882
		F024	Specific Gravity	1.02		g/ml	05/22/96	1460936
		F037	pH Field	3.80		Std. Un	05/22/96	1460936
		F062	Specific Conductance - Field	27400		umhos	05/22/96	1460936
		F064	Temperature - Field	12.8		deg. C	05/22/96	1460936
MP-3 #04								
			Metals - Dissolved					
	FILTERED 1460935	M028	Arsenic, Dissolved	0.054		mg/l	05/22/96	1460881
	FILTERED 1460935	M029	Barium, Dissolved	0.022		mg/l	05/22/96	1460881
	FILTERED 1460935	M031	Beryllium, Dissolved	0.048		mg/l	05/22/96	1460881
	FILTERED 1460935	M032	Silver, Dissolved	< 0.015		mg/l	05/22/96	1460881
	FILTERED 1460935	M033	Calcium, Dissolved	440		mg/l	05/22/96	1460881
	FILTERED 1460935	M034	Cadmium, Dissolved	0.026		mg/l	05/22/96	1460881
	FILTERED 1460935	M035	Hexavalent Chromium, Dissolved	3.6		mg/l	05/22/96	1460881
	FILTERED 1460935	M035	Hexavalent Chromium, Dissolved	< 0.010		mg/l	05/22/96	1460881
	FILTERED 1460935	M036	Chromium, Dissolved	53		mg/l	05/22/96	1460881
	FILTERED 1460935	M037	Copper, Dissolved	2.0		mg/l	05/22/96	1460881
	FILTERED 1460935	M040	Iron, Dissolved	75.0		mg/l	05/22/96	1460881
	FILTERED 1460935	M041	Mercury, Dissolved	< 0.20		ug/l	05/22/96	1460881
	FILTERED 1460935	M042	Potassium, Dissolved	25		mg/l	05/22/96	1460881
	FILTERED 1460935	M044	Magnesium, Dissolved	340		mg/l	05/22/96	1460881
	FILTERED 1460935	M045	Manganese, Dissolved	32		mg/l	05/22/96	1460881
	FILTERED 1460935	M047	Sodium, Dissolved	2900		mg/l	05/22/96	1460881
	FILTERED 1460935	M048	Lead, Dissolved	0.046		mg/l	05/22/96	1460881
	FILTERED 1460935	M050	Selenium, Dissolved	< 0.010		mg/l	05/22/96	1460881
	FILTERED 1460935	M053	Zinc, Dissolved	4.1		mg/l	05/22/96	1460881
	FILTERED 1460935	M054	Aluminum, Dissolved	450		mg/l	05/22/96	1460881
	FILTERED 1460935	M055	Cobalt, Dissolved	2.3		mg/l	05/22/96	1460881

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Inorganic Parameters
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
MP-3 #04								
			Metals - Dissolved					
	FILTERED 1460935	M059	Nickel, Dissolved	2.2		mg/l	05/22/96	1460881
	FILTERED 1460935	M098	Thallium, Dissolved	< 0.015		mg/l	05/22/96	1460881
	FILTERED 1460935	M099	Vanadium, Dissolved	< 0.025		mg/l	05/22/96	1460881
	FILTERED 1460935	M100	Antimony, Dissolved	0.022		mg/l	05/22/96	1460881
		M111	Total Iron, Field	70		mg/l	05/22/96	1460935
		M112	Iron as Fe+2 - Field	66		mg/l	05/22/96	1460935
		M113	Iron as Fe+3 - Field	4.0		mg/l	05/22/96	1460935
		M114	Hexavalent Chromium, Field	< 0.00		mg/l	05/22/96	1460935
			Inorganic Non-metals					
	FILTERED 1460935	I005	Chloride	1900		mg/l	05/22/96	1460881
		I009	Nitrogen, Ammonia	2.0		mg/l	05/22/96	1460935
	FILTERED 1460935	I018	Sulfate as SO4	12000		mg/l	05/22/96	1460881
		I059	Dissolved Oxygen, Field	0.62		mg/l	05/22/96	1460935
		I060	Eh Field	170.6		mv	05/22/96	1460935
		I071	Nitrate & Nitrite as N	6.6		mg/l	05/22/96	1460935
			Physical Properties					
	FILTERED 1460935	F009	pH Laboratory	3.90		Std. Un	05/22/96	1460881
		F024	Specific Gravity	0.967		g/ml	05/22/96	1460935
		F037	pH Field	4.05		Std. Un	05/22/96	1460935
		F062	Specific Conductance - Field	25800		umhos	05/22/96	1460935
		F064	Temperature - Field	12.2		deg. C	05/22/96	1460935
MP-3 #05								
			Metals - Dissolved					
	FILTERED 1460934	M028	Arsenic, Dissolved	0.025		mg/l	05/21/96	1460880
	FILTERED 1460934	M029	Barium, Dissolved	0.018		mg/l	05/21/96	1[illegible]0
	FILTERED 1460934	M031	Beryllium, Dissolved	0.027		mg/l	05/21/96	1[illegible]
	FILTERED 1460934	M032	Silver, Dissolved	< 0.015		mg/l	05/21/96	14[illegible]0
	FILTERED 1460934	M033	Calcium, Dissolved	300		mg/l	05/21/96	1460880
	FILTERED 1460934	M034	Cadmium, Dissolved	0.014		mg/l	05/21/96	1460880
	FILTERED 1460934	M035	Hexavalent Chromium, Dissolved	< 0.010		mg/l	05/21/96	1460880
	FILTERED 1460934	M036	Chromium, Dissolved	14		mg/l	05/21/96	1460880
	FILTERED 1460934	M037	Copper, Dissolved	0.69		mg/l	05/21/96	1460880
	FILTERED 1460934	M040	Iron, Dissolved	20.0		mg/l	05/21/96	1460880
	FILTERED 1460934	M041	Mercury, Dissolved	< 0.20		ug/l	05/21/96	1460880
	FILTERED 1460934	M042	Potassium, Dissolved	15		mg/l	05/21/96	1460880
	FILTERED 1460934	M044	Magnesium, Dissolved	170		mg/l	05/21/96	1460880
	FILTERED 1460934	M045	Manganese, Dissolved	14		mg/l	05/21/96	1460880
	FILTERED 1460934	M047	Sodium, Dissolved	1600		mg/l	05/21/96	1460880
	FILTERED 1460934	M048	Lead, Dissolved	0.028		mg/l	05/21/96	1460880
	FILTERED 1460934	M050	Selenium, Dissolved	< 0.010		mg/l	05/21/96	1460880
	FILTERED 1460934	M053	Zinc, Dissolved	2.1		mg/l	05/21/96	1460880
	FILTERED 1460934	M054	Aluminum, Dissolved	200		mg/l	05/21/96	1460880
	FILTERED 1460934	M055	Cobalt, Dissolved	1.1		mg/l	05/21/96	1460880
	FILTERED 1460934	M059	Nickel, Dissolved	1.1		mg/l	05/21/96	1460880
	FILTERED 1460934	M098	Thallium, Dissolved	0.020		mg/l	05/21/96	1460880
	FILTERED 1460934	M099	Vanadium, Dissolved	< 0.025		mg/l	05/21/96	1460880
	FILTERED 1460934	M100	Antimony, Dissolved	< 0.040		mg/l	05/21/96	1460880
		M111	Total Iron, Field	21.8		mg/l	05/21/96	1460934
		M112	Iron as Fe+2 - Field	20.1		mg/l	05/21/96	1460934
		M113	Iron as Fe+3 - Field	1.7		mg/l	05/21/96	1460934
		M114	Hexavalent Chromium, Field	< 0.00		mg/l	05/21/96	1460934
			Inorganic Non-metals					
	FILTERED 1460934	I005	Chloride	1500		mg/l	05/21/96	1460880
		I009	Nitrogen, Ammonia	1400		mg/l	05/21/96	1460934
	FILTERED 1460934	I018	Sulfate as SO4	7100		mg/l	05/21/96	1460880
		I059	Dissolved Oxygen, Field	0.24		mg/l	05/21/96	1460934
		I060	Eh Field	220.7		mv	05/21/96	1460934
		I070	Bicarbonate as HCO3	< NR		mg/l	05/21/96	1460934

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Groundwater Analytical Results
Inorganic Parameters
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
MP-3 #05								
			Inorganic Non-metals					
		I071	Nitrate & Nitrite as N	3.8		mg/l	05/21/96	1460934
			Physical Properties					
	FILTERED 1460934	F009	pH Laboratory	4.20		Std. Un	05/21/96	1460880
		F024	Specific Gravity	1.01		g/ml	05/21/96	1460934
		F024	Specific Gravity	0.995		g/ml	05/21/96	1460934
		F037	pH Field	4.27		Std. Un	05/21/96	1460934
		F062	Specific Conductance - Field	19080		umhos	05/21/96	1460934
		F064	Temperature - Field	11.3		deg. C	05/21/96	1460934
MP-3 #06								
			Metals - Dissolved					
	FILTERED 1460933	M028	Arsenic, Dissolved	0.013		mg/l	05/21/96	1460879
	FILTERED 1460933	M029	Barium, Dissolved	0.018		mg/l	05/21/96	1460879
	FILTERED 1460933	M031	Beryllium, Dissolved	0.015		mg/l	05/21/96	1460879
	FILTERED 1460933	M032	Silver, Dissolved	< 0.015		mg/l	05/21/96	1460879
	FILTERED 1460933	M033	Calcium, Dissolved	260		mg/l	05/21/96	1460879
	FILTERED 1460933	M034	Cadmium, Dissolved	< 0.010		mg/l	05/21/96	1460879
	FILTERED 1460933	M035	Hexavalent Chromium, Dissolved	< 0.010		mg/l	05/21/96	1460879
	FILTERED 1460933	M036	Chromium, Dissolved	4.4		mg/l	05/21/96	1460879
	FILTERED 1460933	M037	Copper, Dissolved	0.29		mg/l	05/21/96	1460879
	FILTERED 1460933	M040	Iron, Dissolved	11.0		mg/l	05/21/96	1460879
	FILTERED 1460933	M041	Mercury, Dissolved	< 0.20		ug/l	05/21/96	1460879
	FILTERED 1460933	M042	Potassium, Dissolved	15		mg/l	05/21/96	1460879
	FILTERED 1460933	M044	Magnesium, Dissolved	100		mg/l	05/21/96	1460879
	FILTERED 1460933	M045	Manganese, Dissolved	10		mg/l	05/21/96	1460879
	FILTERED 1460933	M047	Sodium, Dissolved	1400		mg/l	05/21/96	1460879
	FILTERED 1460933	M048	Lead, Dissolved	0.017		mg/l	05/21/96	1460879
	FILTERED 1460933	M050	Selenium, Dissolved	< 0.010		mg/l	05/21/96	1460879
	FILTERED 1460933	M053	Zinc, Dissolved	1.1		mg/l	05/21/96	1460879
	FILTERED 1460933	M054	Aluminum, Dissolved	95		mg/l	05/21/96	1460879
	FILTERED 1460933	M055	Cobalt, Dissolved	0.58		mg/l	05/21/96	1460879
	FILTERED 1460933	M059	Nickel, Dissolved	0.61		mg/l	05/21/96	1460879
	FILTERED 1460933	M098	Thallium, Dissolved	< 0.015		mg/l	05/21/96	1460879
	FILTERED 1460933	M099	Vanadium, Dissolved	< 0.025		mg/l	05/21/96	1460879
	FILTERED 1460933	M100	Antimony, Dissolved	< 0.008		mg/l	05/21/96	1460879
		M111	Total Iron, Field	11.0		mg/l	05/21/96	1460933
		M112	Iron as Fe+2 - Field	11.1		mg/l	05/21/96	1460933
		M113	Iron as Fe+3 - Field	< 0.01		mg/l	05/21/96	1460933
		M114	Hexavalent Chromium, Field	< 0.00		mg/l	05/21/96	1460933
			Inorganic Non-metals					
	FILTERED 1460933	I005	Chloride	1100		mg/l	05/21/96	1460879
		I009	Nitrogen, Ammonia	1200		mg/l	05/21/96	1460933
	FILTERED 1460933	I018	Sulfate as SO4	6900		mg/l	05/21/96	1460879
		I059	Dissolved Oxygen, Field	0.23		mg/l	05/21/96	1460933
		I060	Eh Field	239.8		mv	05/21/96	1460933
		I070	Bicarbonate as HCO3	< NR		mg/l	05/21/96	1460933
		I071	Nitrate & Nitrite as N	2.7		mg/l	05/21/96	1460933
			Physical Properties					
	FILTERED 1460933	F009	pH Laboratory	4.30		Std. Un	05/21/96	1460879
		F037	pH Field	4.43		Std. Un	05/21/96	1460933
		F062	Specific Conductance - Field	15410		umhos	05/21/96	1460933
		F064	Temperature - Field	11.6		deg. C	05/21/96	1460933
MP-3 #07								
			Metals - Dissolved					
	FILTERED 1460932	M028	Arsenic, Dissolved	0.011		mg/l	05/21/96	1460878
	FILTERED 1460932	M029	Barium, Dissolved	0.021		mg/l	05/21/96	1460878
	FILTERED 1460932	M029	Barium, Dissolved	0.021		mg/l	05/21/96	1460878
	FILTERED 1460932	M031	Beryllium, Dissolved	0.010		mg/l	05/21/96	1460878

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TABLE-22
Groundwater Analytical Results
Inorganic Parameters
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
MP-3 #07								
			Metals - Dissolved					
	FILTERED 1460932	M033	Calcium, Dissolved	220		mg/l	05/21/96	1460878
	FILTERED 1460932	M034	Cadmium, Dissolved	< 0.010		mg/l	05/21/96	1460878
	FILTERED 1460932	M035	Hexavalent Chromium, Dissolved	< 0.010		mg/l	05/21/96	1460878
	FILTERED 1460932	M035	Hexavalent Chromium, Dissolved	.010		mg/l	05/21/96	1460878
	FILTERED 1460932	M036	Chromium, Dissolved	3.0		mg/l	05/21/96	1460878
	FILTERED 1460932	M037	Copper, Dissolved	0.092		mg/l	05/21/96	1460878
	FILTERED 1460932	M040	Iron, Dissolved	11.0		mg/l	05/21/96	1460878
	FILTERED 1460932	M041	Mercury, Dissolved	< 0.20		ug/l	05/21/96	1460878
	FILTERED 1460932	M042	Potassium, Dissolved	15		mg/l	05/21/96	1460878
	FILTERED 1460932	M044	Magnesium, Dissolved	79		mg/l	05/21/96	1460878
	FILTERED 1460932	M045	Manganese, Dissolved	11		mg/l	05/21/96	1460878
	FILTERED 1460932	M047	Sodium, Dissolved	1100		mg/l	05/21/96	1460878
	FILTERED 1460932	M048	Lead, Dissolved	0.013		mg/l	05/21/96	1460878
	FILTERED 1460932	M050	Selenium, Dissolved	< 0.010		mg/l	05/21/96	1460878
	FILTERED 1460932	M053	Zinc, Dissolved	0.74		mg/l	05/21/96	1460878
	FILTERED 1460932	M054	Aluminum, Dissolved	54		mg/l	05/21/96	1460878
	FILTERED 1460932	M055	Cobalt, Dissolved	0.45		mg/l	05/21/96	1460878
	FILTERED 1460932	M059	Nickel, Dissolved	0.46		mg/l	05/21/96	1460878
	FILTERED 1460932	M098	Thallium, Dissolved	< 0.015		mg/l	05/21/96	1460878
	FILTERED 1460932	M099	Vanadium, Dissolved	< 0.025		mg/l	05/21/96	1460878
	FILTERED 1460932	M100	Antimony, Dissolved	< 0.008		mg/l	05/21/96	1460878
		M111	Total Iron, Field	11.2		mg/l	05/21/96	1460932
		M112	Iron as Fe+2 - Field	10.9		mg/l	05/21/96	1460932
		M113	Iron as Fe+3 - Field	0.30		mg/l	05/21/96	1460932
		M114	Hexavalent Chromium, Field	< 0.00		mg/l	05/21/96	1460932
			Inorganic Non-metals					
	FILTERED 1460932	I005	Chloride	900		mg/l	05/21/96	1[illegible]8
		I009	Nitrogen, Ammonia	910		mg/l	05/21/96	14[illegible]32
	FILTERED 1460932	I018	Sulfate as SO4	3900		mg/l	05/21/96	1460878
		I059	Dissolved Oxygen, Field	0.35		mg/l	05/21/96	1460932
		I060	Eh Field	171.3		mv	05/21/96	1460932
		I070	Bicarbonate as HCO3	< NR		mg/l	05/21/96	1460932
		I071	Nitrate & Nitrite as N	2.1		mg/l	05/21/96	1460932
			Physical Properties					
	FILTERED 1460932	F009	pH Laboratory	4.40		Std. Un	05/21/96	1460878
		F024	Specific Gravity	0.997		g/ml	05/21/96	1460932
		F037	pH Field	4.56		Std. Un	05/21/96	1460932
		F062	Specific Conductance - Field	11650		umhos	05/21/96	1460932
		F064	Temperature - Field	11.1		deg. C	05/21/96	1460932
MP-3 #08								
			Metals - Dissolved					
	FILTERED 1460931	M028	Arsenic, Dissolved	< 0.008		mg/l	05/21/96	1460877
	FILTERED 1460931	M029	Barium, Dissolved	0.016		mg/l	05/21/96	1460877
	FILTERED 1460931	M031	Beryllium, Dissolved	< 0.005		mg/l	05/21/96	1460877
	FILTERED 1460931	M032	Silver, Dissolved	< 0.015		mg/l	05/21/96	1460877
	FILTERED 1460931	M033	Calcium, Dissolved	34		mg/l	05/21/96	1460877
	FILTERED 1460931	M034	Cadmium, Dissolved	< 0.010		mg/l	05/21/96	1460877
	FILTERED 1460931	M035	Hexavalent Chromium, Dissolved	< 0.010		mg/l	05/21/96	1460877
	FILTERED 1460931	M036	Chromium, Dissolved	0.23		mg/l	05/21/96	1460877
	FILTERED 1460931	M037	Copper, Dissolved	< 0.025		mg/l	05/21/96	1460877
	FILTERED 1460931	M040	Iron, Dissolved	1.20		mg/l	05/21/96	1460877
	FILTERED 1460931	M041	Mercury, Dissolved	< 0.20		ug/l	05/21/96	1460877
	FILTERED 1460931	M042	Potassium, Dissolved	3.1		mg/l	05/21/96	1460877
	FILTERED 1460931	M044	Magnesium, Dissolved	11		mg/l	05/21/96	1460877
	FILTERED 1460931	M045	Manganese, Dissolved	2.7		mg/l	05/21/96	1460877
	FILTERED 1460931	M047	Sodium, Dissolved	210		mg/l	05/21/96	1460877
	FILTERED 1460931	M048	Lead, Dissolved	< 0.005		mg/l	05/21/96	1460877
	FILTERED 1460931	M050	Selenium, Dissolved	< 0.010		mg/l	05/21/96	1460877

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Groundwater Analytical Results
Inorganic Parameters
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
MP-3 #08								
			Metals - Dissolved					
	FILTERED 1460931	M053	Zinc, Dissolved	0.047		mg/l	05/21/96	1460877
	FILTERED 1460931	M054	Aluminum, Dissolved	1.5		mg/l	05/21/96	1460877
	FILTERED 1460931	M055	Cobalt, Dissolved	0.048		mg/l	05/21/96	1460877
	FILTERED 1460931	M059	Nickel, Dissolved	0.052		mg/l	05/21/96	1460877
	FILTERED 1460931	M098	Thallium, Dissolved	< 0.015		mg/l	05/21/96	1460877
	FILTERED 1460931	M099	Vanadium, Dissolved	< 0.025		mg/l	05/21/96	1460877
	FILTERED 1460931	M100	Antimony, Dissolved	< 0.008		mg/l	05/21/96	1460877
		M111	Total Iron, Field	1.09		mg/l	05/21/96	1460931
		M112	Iron as Fe+2 - Field	1.00		mg/l	05/21/96	1460931
		M113	Iron as Fe+3 - Field	0.09		mg/l	05/21/96	1460931
		M114	Hexavalent Chromium, Field	< 0.00		mg/l	05/21/96	1460931
			Inorganic Non-metals					
	FILTERED 1460931	I005	Chloride	240		mg/l	05/21/96	1460877
		I009	Nitrogen, Ammonia	130		mg/l	05/21/96	1460931
	FILTERED 1460931	I018	Sulfate as SO4	560		mg/l	05/21/96	1460877
		I059	Dissolved Oxygen, Field	0.29		mg/l	05/21/96	1460931
		I060	Eh Field	162.3		mv	05/21/96	1460931
		I070	Bicarbonate as HCO3	< 20		mg/l	05/21/96	1460931
		I071	Nitrate & Nitrite as N	0.90		mg/l	05/21/96	1460931
			Physical Properties					
	FILTERED 1460931	F009	pH Laboratory	5.10		Std. Un	05/21/96	1460877
		F037	pH Field	5.15		Std. Un	05/21/96	1460931
		F062	Specific Conductance - Field	2310		umhos	05/21/96	1460931
		F064	Temperature - Field	10.9		deg. C	05/21/96	1460931
MP-3 #09								
			Metals - Dissolved					
	FILTERED 1460923	M028	Arsenic, Dissolved	< 0.008		mg/l	05/21/96	1460869
	FILTERED 1460923	M029	Barium, Dissolved	0.033		mg/l	05/21/96	1460869
	FILTERED 1460923	M031	Beryllium, Dissolved	< 0.005		mg/l	05/21/96	1460869
	FILTERED 1460923	M032	Silver, Dissolved	< 0.015		mg/l	05/21/96	1460869
	FILTERED 1460923	M033	Calcium, Dissolved	19		mg/l	05/21/96	1460869
	FILTERED 1460923	M034	Cadmium, Dissolved	< 0.010		mg/l	05/21/96	1460869
	FILTERED 1460923	M035	Hexavalent Chromium, Dissolved	< 0.010		mg/l	05/21/96	1460869
	FILTERED 1460923	M036	Chromium, Dissolved	0.075		mg/l	05/21/96	1460869
	FILTERED 1460923	M037	Copper, Dissolved	< 0.025		mg/l	05/21/96	1460869
	FILTERED 1460923	M040	Iron, Dissolved	0.17		mg/l	05/21/96	1460869
	FILTERED 1460923	M041	Mercury, Dissolved	< 0.20		ug/l	05/21/96	1460869
	FILTERED 1460923	M042	Potassium, Dissolved	1.9		mg/l	05/21/96	1460869
	FILTERED 1460923	M044	Magnesium, Dissolved	5.4		mg/l	05/21/96	1460869
	FILTERED 1460923	M045	Manganese, Dissolved	1.2		mg/l	05/21/96	1460869
	FILTERED 1460923	M047	Sodium, Dissolved	120		mg/l	05/21/96	1460869
	FILTERED 1460923	M048	Lead, Dissolved	< 0.005		mg/l	05/21/96	1460869
	FILTERED 1460923	M050	Selenium, Dissolved	< 0.010		mg/l	05/21/96	1460869
	FILTERED 1460923	M053	Zinc, Dissolved	< 0.025		mg/l	05/21/96	1460869
	FILTERED 1460923	M054	Aluminum, Dissolved	0.22		mg/l	05/21/96	1460869
	FILTERED 1460923	M055	Cobalt, Dissolved	< 0.030		mg/l	05/21/96	1460869
	FILTERED 1460923	M059	Nickel, Dissolved	< 0.040		mg/l	05/21/96	1460869
	FILTERED 1460923	M098	Thallium, Dissolved	< 0.015		mg/l	05/21/96	1460869
	FILTERED 1460923	M099	Vanadium, Dissolved	< 0.025		mg/l	05/21/96	1460869
	FILTERED 1460923	M100	Antimony, Dissolved	< 0.008		mg/l	05/21/96	1460869
		M111	Total Iron, Field	0.13		mg/l	05/21/96	1460923
		M112	Iron as Fe+2 - Field	0.09		mg/l	05/21/96	1460923
		M113	Iron as Fe+3 - Field	0.04		mg/l	05/21/96	1460923
		M114	Hexavalent Chromium, Field	< 0.00		mg/l	05/21/96	1460923
			Inorganic Non-metals					
	FILTERED 1460923	I005	Chloride	150		mg/l	05/21/96	1460869
		I009	Nitrogen, Ammonia	60		mg/l	05/21/96	1460923
	FILTERED 1460923	I018	Sulfate as SO4	260		mg/l	05/21/96	1460869

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Groundwater Analytical Results
Inorganic Parameters
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
MP-3 #09								
			Inorganic Non-metals					
		I060	Eh Field	225.9		mv	05/21/96	1460923
		I070	Bicarbonate as HCO3	< 20		mg/l	05/21/96	1460923
		I071	Nitrate & Nitrite as N	0.93		mg/l	05/21/96	1460923
			Physical Properties					
	FILTERED 1460923	F009	pH Laboratory	5.40		Std. Un	05/21/96	1460869
		F037	pH Field	5.21		Std. Un	05/21/96	1460923
		F062	Specific Conductance - Field	1180		umhos	05/21/96	1460923
		F064	Temperature - Field	10.8		deg. C	05/21/96	1460923
MP-3 #10								
			Metals - Dissolved					
	FILTERED 1460924	M028	Arsenic, Dissolved	< 0.008		mg/l	05/21/96	1460870
	FILTERED 1460924	M029	Barium, Dissolved	0.024		mg/l	05/21/96	1460870
	FILTERED 1460924	M031	Beryllium, Dissolved	< 0.005		mg/l	05/21/96	1460870
	FILTERED 1460924	M032	Silver, Dissolved	< 0.015		mg/l	05/21/96	1460870
	FILTERED 1460924	M033	Calcium, Dissolved	12		mg/l	05/21/96	1460870
	FILTERED 1460924	M034	Cadmium, Dissolved	0.010		mg/l	05/21/96	1460870
	FILTERED 1460924	M035	Hexavalent Chromium, Dissolved	< 0.010		mg/l	05/21/96	1460870
	FILTERED 1460924	M036	Chromium, Dissolved	0.028		mg/l	05/21/96	1460870
	FILTERED 1460924	M037	Copper, Dissolved	< 0.025		mg/l	05/21/96	1460870
	FILTERED 1460924	M040	Iron, Dissolved	0.035		mg/l	05/21/96	1460870
	FILTERED 1460924	M041	Mercury, Dissolved	< 0.20		ug/l	05/21/96	1460870
	FILTERED 1460924	M042	Potassium, Dissolved	1.8		mg/l	05/21/96	1460870
	FILTERED 1460924	M044	Magnesium, Dissolved	3.4		mg/l	05/21/96	1460870
	FILTERED 1460924	M045	Manganese, Dissolved	0.69		mg/l	05/21/96	1460870
	FILTERED 1460924	M047	Sodium, Dissolved	87		mg/l	05/21/96	1[illegible]0
	FILTERED 1460924	M048	Lead, Dissolved	< 0.005		mg/l	05/21/96	1[illegible]0
	FILTERED 1460924	M050	Selenium, Dissolved	< 0.010		mg/l	05/21/96	14[illegible]70
	FILTERED 1460924	M053	Zinc, Dissolved	< 0.025		mg/l	05/21/96	1460870
	FILTERED 1460924	M054	Aluminum, Dissolved	< 0.10		mg/l	05/21/96	1460870
	FILTERED 1460924	M055	Cobalt, Dissolved	< 0.030		mg/l	05/21/96	1460870
	FILTERED 1460924	M059	Nickel, Dissolved	< 0.040		mg/l	05/21/96	1460870
	FILTERED 1460924	M098	Thallium, Dissolved	< 0.015		mg/l	05/21/96	1460870
	FILTERED 1460924	M099	Vanadium, Dissolved	< 0.025		mg/l	05/21/96	1460870
	FILTERED 1460924	M100	Antimony, Dissolved	< 0.008		mg/l	05/21/96	1460870
		M111	Total Iron, Field	< 0.01		mg/l	05/21/96	1460924
		M112	Iron as Fe+2 - Field	< 0.01		mg/l	05/21/96	1460924
		M113	Iron as Fe+3 - Field	< 0.01		mg/l	05/21/96	1460924
		M114	Hexavalent Chromium, Field	< 0.00		mg/l	05/21/96	1460924
			Inorganic Non-metals					
	FILTERED 1460924	I005	Chloride	110		mg/l	05/21/96	1460870
		I009	Nitrogen, Ammonia	45		mg/l	05/21/96	1460924
	FILTERED 1460924	I018	Sulfate as SO4	160		mg/l	05/21/96	1460870
		I059	Dissolved Oxygen, Field	0.03		mg/l	05/21/96	1460924
		I060	Eh Field	194.2		mv	05/21/96	1460924
		I070	Bicarbonate as HCO3	< 20		mg/l	05/21/96	1460924
		I071	Nitrate & Nitrite as N	1.2		mg/l	05/21/96	1460924
			Physical Properties					
	FILTERED 1460924	F009	pH Laboratory	5.60		Std. Un	05/21/96	1460870
		F037	pH Field	5.68		Std. Un	05/21/96	1460924
		F062	Specific Conductance - Field	925		umhos	05/21/96	1460924
		F064	Temperature - Field	11.2		deg. C	05/21/96	1460924
MP-3 #11								
			Metals - Dissolved					
	FILTERED 1460925	M028	Arsenic, Dissolved	< 0.008		mg/l	05/21/96	1460871
	FILTERED 1460925	M029	Barium, Dissolved	0.034		mg/l	05/21/96	1460871
	FILTERED 1460925	M031	Beryllium, Dissolved	< 0.005		mg/l	05/21/96	1460871
	FILTERED 1460925	M032	Silver, Dissolved	< 0.015		mg/l	05/21/96	1460871

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Inorganic Parameters
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
MP-3 #11								
			Metals - Dissolved					
	FILTERED 1460925	M033	Calcium, Dissolved	9.6		mg/l	05/21/96	1460871
	FILTERED 1460925	M034	Cadmium, Dissolved	< 0.010		mg/l	05/21/96	1460871
	FILTERED 1460925	M035	Hexavalent Chromium, Dissolved	< 0.010		mg/l	05/21/96	1460871
	FILTERED 1460925	M036	Chromium, Dissolved	< 0.015		mg/l	05/21/96	1460871
	FILTERED 1460925	M037	Copper, Dissolved	< 0.025		mg/l	05/21/96	1460871
	FILTERED 1460925	M040	Iron, Dissolved	< 0.025		mg/l	05/21/96	1460871
	FILTERED 1460925	M041	Mercury, Dissolved	< 0.20		ug/l	05/21/96	1460871
	FILTERED 1460925	M042	Potassium, Dissolved	2.1		mg/l	05/21/96	1460871
	FILTERED 1460925	M044	Magnesium, Dissolved	2.4		mg/l	05/21/96	1460871
	FILTERED 1460925	M045	Manganese, Dissolved	0.41		mg/l	05/21/96	1460871
	FILTERED 1460925	M047	Sodium, Dissolved	80		mg/l	05/21/96	1460871
	FILTERED 1460925	M048	Lead, Dissolved	< 0.005		mg/l	05/21/96	1460871
	FILTERED 1460925	M050	Selenium, Dissolved	< 0.010		mg/l	05/21/96	1460871
	FILTERED 1460925	M053	Zinc, Dissolved	< 0.025		mg/l	05/21/96	1460871
	FILTERED 1460925	M054	Aluminum, Dissolved	< 0.10		mg/l	05/21/96	1460871
	FILTERED 1460925	M055	Cobalt, Dissolved	< 0.030		mg/l	05/21/96	1460871
	FILTERED 1460925	M059	Nickel, Dissolved	< 0.040		mg/l	05/21/96	1460871
	FILTERED 1460925	M098	Thallium, Dissolved	< 0.015		mg/l	05/21/96	1460871
	FILTERED 1460925	M099	Vanadium, Dissolved	< 0.025		mg/l	05/21/96	1460871
	FILTERED 1460925	M100	Antimony, Dissolved	< 0.008		mg/l	05/21/96	1460871
			Inorganic Non-metals					
	FILTERED 1460925	I005	Chloride	78		mg/l	05/21/96	1460871
		I009	Nitrogen, Ammonia	24		mg/l	05/21/96	1460925
	FILTERED 1460925	I018	Sulfate as SO4	120		mg/l	05/21/96	1460871
		I070	Bicarbonate as HCO3	< 20		mg/l	05/21/96	1460925
		I071	Nitrate & Nitrite as N	1801		mg/l	05/21/96	1460925
			Physical Properties					
	FILTERED 1460925	F009	pH Laboratory	7.90		Std. Un	05/21/96	1460871
		F024	Specific Gravity	0.951		g/ml	05/21/96	1460925
MP-3 #12								
			Metals - Dissolved					
	FILTERED 1460926	M028	Arsenic, Dissolved	< 0.008		mg/l	05/21/96	1460872
	FILTERED 1460926	M029	Barium, Dissolved	0.034		mg/l	05/21/96	1460872
	FILTERED 1460926	M031	Beryllium, Dissolved	< 0.005		mg/l	05/21/96	1460872
	FILTERED 1460926	M032	Silver, Dissolved	< 0.015		mg/l	05/21/96	1460872
	FILTERED 1460926	M033	Calcium, Dissolved	4.7		mg/l	05/21/96	1460872
	FILTERED 1460926	M034	Cadmium, Dissolved	< 0.010		mg/l	05/21/96	1460872
	FILTERED 1460926	M035	Hexavalent Chromium, Dissolved	< 0.010		mg/l	05/21/96	1460872
	FILTERED 1460926	M036	Chromium, Dissolved	< 0.015		mg/l	05/21/96	1460872
	FILTERED 1460926	M037	Copper, Dissolved	< 0.025		mg/l	05/21/96	1460872
	FILTERED 1460926	M040	Iron, Dissolved	< 0.025		mg/l	05/21/96	1460872
	FILTERED 1460926	M041	Mercury, Dissolved	< 0.20		ug/l	05/21/96	1460872
	FILTERED 1460926	M042	Potassium, Dissolved	1.4		mg/l	05/21/96	1460872
	FILTERED 1460926	M044	Magnesium, Dissolved	1.0		mg/l	05/21/96	1460872
	FILTERED 1460926	M045	Manganese, Dissolved	0.13		mg/l	05/21/96	1460872
	FILTERED 1460926	M047	Sodium, Dissolved	50		mg/l	05/21/96	1460872
	FILTERED 1460926	M048	Lead, Dissolved	0.005		mg/l	05/21/96	1460872
	FILTERED 1460926	M050	Selenium, Dissolved	< 0.010		mg/l	05/21/96	1460872
	FILTERED 1460926	M053	Zinc, Dissolved	< 0.025		mg/l	05/21/96	1460872
	FILTERED 1460926	M054	Aluminum, Dissolved	< 0.10		mg/l	05/21/96	1460872
	FILTERED 1460926	M055	Cobalt, Dissolved	< 0.030		mg/l	05/21/96	1460872
	FILTERED 1460926	M059	Nickel, Dissolved	< 0.040		mg/l	05/21/96	1460872
	FILTERED 1460926	M098	Thallium, Dissolved	< 0.015		mg/l	05/21/96	1460872
	FILTERED 1460926	M099	Vanadium, Dissolved	< 0.025		mg/l	05/21/96	1460872
	FILTERED 1460926	M100	Antimony, Dissolved	< 0.008		mg/l	05/21/96	1460872
		M111	Total Iron, Field	< 0.01		mg/l	05/21/96	1460926
		M112	Iron as Fe+2 - Field	< 0.01		mg/l	05/21/96	1460926
		M113	Iron as Fe+3 - Field	< 0.01		mg/l	05/21/96	1460926

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Inorganic Parameters
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
MP-3 #12								
			Metals - Dissolved					
		M114	Hexavalent Chromium, Field	< 0.00		mg/l	05/21/96	1460926
			Inorganic Non-metals					
	FILTERED 1460926	I005	Chloride	39		mg/l	05/21/96	1460872
		I009	Nitrogen, Ammonia	8.0		mg/l	05/21/96	1460926
	FILTERED 1460926	I018	Sulfate as SO4	64		mg/l	05/21/96	1460872
		I059	Dissolved Oxygen, Field	0.28		mg/l	05/21/96	1460926
		I060	Eh Field	170.2		mv	05/21/96	1460926
		I070	Bicarbonate as HCO3	< 20		mg/l	05/21/96	1460926
		I071	Nitrate & Nitrite as N	1.5		mg/l	05/21/96	1460926
			Physical Properties					
	FILTERED 1460926	F009	pH Laboratory	6.10		Std. Un	05/21/96	1460872
		F037	pH Field	6.09		Std. Un	05/21/96	1460926
		F062	Specific Conductance - Field	375		umhos	05/21/96	1460926
		F064	Temperature - Field	11.6		deg. C	05/21/96	1460926
MP-3 #13								
			Metals - Dissolved					
	FILTERED 1460927	M028	Arsenic, Dissolved	< 0.008		mg/l	05/21/96	1460873
	FILTERED 1460927	M029	Barium, Dissolved	0.033		mg/l	05/21/96	1460873
	FILTERED 1460927	M031	Beryllium, Dissolved	< 0.005		mg/l	05/21/96	1460873
	FILTERED 1460927	M032	Silver, Dissolved	< 0.015		mg/l	05/21/96	1460873
	FILTERED 1460927	M033	Calcium, Dissolved	3.5		mg/l	05/21/96	1460873
	FILTERED 1460927	M034	Cadmium, Dissolved	< 0.010		mg/l	05/21/96	1460873
	FILTERED 1460927	M035	Hexavalent Chromium, Dissolved	< 0.010		mg/l	05/21/96	1460873
	FILTERED 1460927	M036	Chromium, Dissolved	< 0.015		mg/l	05/21/96	1460873
	FILTERED 1460927	M037	Copper, Dissolved	< 0.025		mg/l	05/21/96	1[illegible]73
	FILTERED 1460927	M040	Iron, Dissolved	0.081		mg/l	05/21/96	1[illegible]3
	FILTERED 1460927	M041	Mercury, Dissolved	< 0.20		ug/l	05/21/96	1[illegible]3
	FILTERED 1460927	M042	Potassium, Dissolved	1.5		mg/l	05/21/96	1460873
	FILTERED 1460927	M044	Magnesium, Dissolved	1.1		mg/l	05/21/96	1460873
	FILTERED 1460927	M045	Manganese, Dissolved	0.24		mg/l	05/21/96	1460873
	FILTERED 1460927	M047	Sodium, Dissolved	50		mg/l	05/21/96	1460873
	FILTERED 1460927	M048	Lead, Dissolved	< 0.005		mg/l	05/21/96	1460873
	FILTERED 1460927	M050	Selenium, Dissolved	< 0.010		mg/l	05/21/96	1460873
	FILTERED 1460927	M053	Zinc, Dissolved	< 0.025		mg/l	05/21/96	1460873
	FILTERED 1460927	M054	Aluminum, Dissolved	< 0.10		mg/l	05/21/96	1460873
	FILTERED 1460927	M055	Cobalt, Dissolved	< 0.030		mg/l	05/21/96	1460873
	FILTERED 1460927	M059	Nickel, Dissolved	< 0.040		mg/l	05/21/96	1460873
	FILTERED 1460927	M098	Thallium, Dissolved	< 0.015		mg/l	05/21/96	1460873
	FILTERED 1460927	M099	Vanadium, Dissolved	< 0.025		mg/l	05/21/96	1460873
	FILTERED 1460927	M100	Antimony, Dissolved	< 0.008		mg/l	05/21/96	1460873
		M111	Total Iron, Field	0.03		mg/l	05/21/96	1460927
		M112	Iron as Fe+2 - Field	0.02		mg/l	05/21/96	1460927
		M113	Iron as Fe+3 - Field	0.01		mg/l	05/21/96	1460927
		M114	Hexavalent Chromium, Field	< 0.00		mg/l	05/21/96	1460927
			Inorganic Non-metals					
	FILTERED 1460927	I005	Chloride	33		mg/l	05/21/96	1460873
		I009	Nitrogen, Ammonia	4.6		mg/l	05/21/96	1460927
	FILTERED 1460927	I018	Sulfate as SO4	72		mg/l	05/21/96	1460873
		I060	Eh Field	176		mv	05/21/96	1460927
		I070	Bicarbonate as HCO3	< 20		mg/l	05/21/96	1460927
		I071	Nitrate & Nitrite as N	1.5		mg/l	05/21/96	1460927
			Physical Properties					
	FILTERED 1460927	F009	pH Laboratory	5.90		Std. Un	05/21/96	1460873
		F037	pH Field	5.64		Std. Un	05/21/96	1460927
		F062	Specific Conductance - Field	282		umhos	05/21/96	1460927
		F064	Temperature - Field	11.2		deg. C	05/21/96	1460927

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TABLE-22
Groundwater Analytical Results
Inorganic Parameters
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
MP-3 #14								
			Metals - Dissolved					
	FILTERED 1460928	F009	pH Laboratory	6.20		Std. Un	05/21/96	1460874
	FILTERED 1460928	M028	Arsenic, Dissolved	< 0.008		mg/l	05/21/96	1460874
	FILTERED 1460928	M029	Barium, Dissolved	0.079		mg/l	05/21/96	1460874
	FILTERED 1460928	M031	Beryllium, Dissolved	< 0.005		mg/l	05/21/96	1460874
	FILTERED 1460928	M032	Silver, Dissolved	< 0.015		mg/l	05/21/96	1460874
	FILTERED 1460928	M033	Calcium, Dissolved	9.5		mg/l	05/21/96	1460874
	FILTERED 1460928	M034	Cadmium, Dissolved	0.010		mg/l	05/21/96	1460874
	FILTERED 1460928	M035	Hexavalent Chromium, Dissolved	< 0.010		mg/l	05/21/96	1460874
	FILTERED 1460928	M036	Chromium, Dissolved	< 0.015		mg/l	05/21/96	1460874
	FILTERED 1460928	M037	Copper, Dissolved	< 0.025		mg/l	05/21/96	1460874
	FILTERED 1460928	M040	Iron, Dissolved	< 0.025		mg/l	05/21/96	1460874
	FILTERED 1460928	M041	Mercury, Dissolved	< 0.20		ug/l	05/21/96	1460874
	FILTERED 1460928	M042	Potassium, Dissolved	1.5		mg/l	05/21/96	1460874
	FILTERED 1460928	M044	Magnesium, Dissolved	2.0		mg/l	05/21/96	1460874
	FILTERED 1460928	M045	Manganese, Dissolved	0.23		mg/l	05/21/96	1460874
	FILTERED 1460928	M047	Sodium, Dissolved	63		mg/l	05/21/96	1460874
	FILTERED 1460928	M048	Lead, Dissolved	< 0.005		mg/l	05/21/96	1460874
	FILTERED 1460928	M050	Selenium, Dissolved	< 0.010		mg/l	05/21/96	1460874
	FILTERED 1460928	M053	Zinc, Dissolved	< 0.025		mg/l	05/21/96	1460874
	FILTERED 1460928	M054	Aluminum, Dissolved	< 0.10		mg/l	05/21/96	1460874
	FILTERED 1460928	M055	Cobalt, Dissolved	< 0.030		mg/l	05/21/96	1460874
	FILTERED 1460928	M059	Nickel, Dissolved	< 0.040		mg/l	05/21/96	1460874
	FILTERED 1460928	M098	Thallium, Dissolved	< 0.015		mg/l	05/21/96	1460874
	FILTERED 1460928	M099	Vanadium, Dissolved	< 0.025		mg/l	05/21/96	1460874
	FILTERED 1460928	M100	Antimony, Dissolved	< 0.008		mg/l	05/21/96	1460874
		M111	Total Iron, Field	< 0.01		mg/l	05/21/96	1460928
		M112	Iron as Fe+2 - Field	< 0.01		mg/l	05/21/96	1460928
		M113	Iron as Fe+3 - Field	< 0.01		mg/l	05/21/96	1460928
		M114	Hexavalent Chromium, Field	< 0.00		mg/l	05/21/96	1460928
			Inorganic Non-metals					
	FILTERED 1460928	I005	Chloride	36		mg/l	05/21/96	1460874
		I009	Nitrogen, Ammonia	2.0		mg/l	05/21/96	1460928
	FILTERED 1460928	I018	Sulfate as SO4	84		mg/l	05/21/96	1460874
		I059	Dissolved Oxygen, Field	0.22		mg/l	05/21/96	1460928
		I060	Eh Field	162.1		mv	05/21/96	1460928
		I070	Bicarbonate as HCO3	22		mg/l	05/21/96	1460928
		I071	Nitrate & Nitrite as N	1.5		mg/l	05/21/96	1460928
			Physical Properties					
		F037	pH Field	6.11		Std. Un	05/21/96	1460928
		F062	Specific Conductance - Field	300		umhos	05/21/96	1460928
		F064	Temperature - Field	12.6		deg. C	05/21/96	1460928
MP-3 #15								
			Metals - Dissolved					
	FILTERED 1460929	M028	Arsenic, Dissolved	< 0.008		mg/l	05/21/96	1460875
	FILTERED 1460929	M029	Barium, Dissolved	0.078		mg/l	05/21/96	1460875
	FILTERED 1460929	M031	Beryllium, Dissolved	< 0.005		mg/l	05/21/96	1460875
	FILTERED 1460929	M032	Silver, Dissolved	< 0.015		mg/l	05/21/96	1460875
	FILTERED 1460929	M033	Calcium, Dissolved	7.7		mg/l	05/21/96	1460875
	FILTERED 1460929	M034	Cadmium, Dissolved	< 0.010		mg/l	05/21/96	1460875
	FILTERED 1460929	M035	Hexavalent Chromium, Dissolved	< 0.010		mg/l	05/21/96	1460875
	FILTERED 1460929	M036	Chromium, Dissolved	< 0.015		mg/l	05/21/96	1460875
	FILTERED 1460929	M037	Copper, Dissolved	< 0.025		mg/l	05/21/96	1460875
	FILTERED 1460929	M040	Iron, Dissolved	< 0.025		mg/l	05/21/96	1460875
	FILTERED 1460929	M041	Mercury, Dissolved	< 0.20		ug/l	05/21/96	1460875
	FILTERED 1460929	M042	Potassium, Dissolved	< 1.0		mg/l	05/21/96	1460875
	FILTERED 1460929	M044	Magnesium, Dissolved	1.7		mg/l	05/21/96	1460875
	FILTERED 1460929	M045	Manganese, Dissolved	0.20		mg/l	05/21/96	1460875
	FILTERED 1460929	M047	Sodium, Dissolved	64		mg/l	05/21/96	1460875

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Groundwater Analytical Results
Inorganic Parameters
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
MP-3 #15								
			Metals - Dissolved					
	FILTERED 1460929	M048	Lead, Dissolved	< 0.005		mg/l	05/21/96	1460875
	FILTERED 1460929	M050	Selenium, Dissolved	< 0.010		mg/l	05/21/96	1460875
	FILTERED 1460929	M053	Zinc, Dissolved	< 0.025		mg/l	05/21/96	1460875
	FILTERED 1460929	M054	Aluminum, Dissolved	< 0.10		mg/l	05/21/96	1460875
	FILTERED 1460929	M055	Cobalt, Dissolved	< 0.030		mg/l	05/21/96	1460875
	FILTERED 1460929	M059	Nickel, Dissolved	< 0.040		mg/l	05/21/96	1460875
	FILTERED 1460929	M098	Thallium, Dissolved	< 0.015		mg/l	05/21/96	1460875
	FILTERED 1460929	M099	Vanadium, Dissolved	< 0.025		mg/l	05/21/96	1460875
	FILTERED 1460929	M100	Antimony, Dissolved	< 0.008		mg/l	05/21/96	1460875
		M111	Total Iron, Field	< 0.01		mg/l	05/21/96	1460929
		M112	Iron as Fe+2 - Field	< 0.01		mg/l	05/21/96	1460929
		M113	Iron as Fe+3 - Field	< 0.01		mg/l	05/21/96	1460929
		M114	Hexavalent Chromium, Field	< 0.00		mg/l	05/21/96	1460929
			Inorganic Non-metals					
	FILTERED 1460929	I005	Chloride	37		mg/l	05/21/96	1460875
		I009	Nitrogen, Ammonia	2.9		mg/l	05/21/96	1460929
	FILTERED 1460929	I018	Sulfate as SO4	88		mg/l	05/21/96	1460875
		I059	Dissolved Oxygen, Field	0.27		mg/l	05/21/96	1460929
		I060	Eh Field	165.8		mv	05/21/96	1460929
		I070	Bicarbonate as HCO3	22		mg/l	05/21/96	1460929
		I071	Nitrate & Nitrite as N	1.4		mg/l	05/21/96	1460929
			Physical Properties					
	FILTERED 1460929	F009	pH Laboratory	6.20		Std. Un	05/21/96	1460875
		F037	pH Field	6.07		Std. Un	05/21/96	1460929
		F062	Specific Conductance - Field	405		umhos	05/21/96	1460929
		F064	Temperature - Field	12.5		deg. C	05/21/96	1[illegible]29
MP-3 #16								
			Metals - Dissolved					
	FILTERED 1460922	M028	Arsenic, Dissolved	< 0.008		mg/l	05/21/96	1460868
	FILTERED 1460922	M029	Barium, Dissolved	0.082		mg/l	05/21/96	1460868
	FILTERED 1460922	M031	Beryllium, Dissolved	< 0.005		mg/l	05/21/96	1460868
	FILTERED 1460922	M032	Silver, Dissolved	< 0.015		mg/l	05/21/96	1460868
	FILTERED 1460922	M033	Calcium, Dissolved	11		mg/l	05/21/96	1460868
	FILTERED 1460922	M034	Cadmium, Dissolved	< 0.010		mg/l	05/21/96	1460868
	FILTERED 1460922	M035	Hexavalent Chromium, Dissolved	< 0.010		mg/l	05/21/96	1460868
	FILTERED 1460922	M036	Chromium, Dissolved	< 0.015		mg/l	05/21/96	1460868
	FILTERED 1460922	M037	Copper, Dissolved	0.14		mg/l	05/21/96	1460868
	FILTERED 1460922	M040	Iron, Dissolved	< 0.025		mg/l	05/21/96	1460868
	FILTERED 1460922	M041	Mercury, Dissolved	< 0.20		ug/l	05/21/96	1460868
	FILTERED 1460922	M042	Potassium, Dissolved	1.3		mg/l	05/21/96	1460868
	FILTERED 1460922	M044	Magnesium, Dissolved	1.8		mg/l	05/21/96	1460868
	FILTERED 1460922	M045	Manganese, Dissolved	0.072		mg/l	05/21/96	1460868
	FILTERED 1460922	M047	Sodium, Dissolved	53		mg/l	05/21/96	1460868
	FILTERED 1460922	M048	Lead, Dissolved	0.005		mg/l	05/21/96	1460868
	FILTERED 1460922	M050	Selenium, Dissolved	< 0.010		mg/l	05/21/96	1460868
	FILTERED 1460922	M053	Zinc, Dissolved	< 0.025		mg/l	05/21/96	1460868
	FILTERED 1460922	M054	Aluminum, Dissolved	< 0.10		mg/l	05/21/96	1460868
	FILTERED 1460922	M055	Cobalt, Dissolved	< 0.030		mg/l	05/21/96	1460868
	FILTERED 1460922	M059	Nickel, Dissolved	< 0.040		mg/l	05/21/96	1460868
	FILTERED 1460922	M098	Thallium, Dissolved	< 0.015		mg/l	05/21/96	1460868
	FILTERED 1460922	M099	Vanadium, Dissolved	< 0.025		mg/l	05/21/96	1460868
	FILTERED 1460922	M100	Antimony, Dissolved	< 0.008		mg/l	05/21/96	1460868
		M111	Total Iron, Field	< 0.01		mg/l	05/21/96	1460922
		M112	Iron as Fe+2 - Field	< 0.01		mg/l	05/21/96	1460922
		M113	Iron as Fe+3 - Field	< 0.01		mg/l	05/21/96	1460922
		M114	Hexavalent Chromium, Field	< 0.00		mg/l	05/21/96	1460922
			Inorganic Non-metals					
	FILTERED 1460922	I005	Chloride	37		mg/l	05/21/96	1460868

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Groundwater Analytical Results
Inorganic Parameters
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
MP-3 #16								
			Inorganic Non-metals					
		I009	Nitrogen, Ammonia	1.1		mg/l	05/21/96	1460922
	FILTERED 1460922	I018	Sulfate as SO4	59		mg/l	05/21/96	1460868
		I060	Eh Field	151.1		mv	05/21/96	1460922
		I070	Bicarbonate as HCO3	35		mg/l	05/21/96	1460922
		I071	Nitrate & Nitrite as N	1.4		mg/l	05/21/96	1460922
			Physical Properties					
	FILTERED 1460922	F009	pH Laboratory	6.60		Std. Un	05/21/96	1460868
		F037	pH Field	6.30		Std. Un	05/21/96	1460922
		F062	Specific Conductance - Field	288		umhos	05/21/96	1460922
		F064	Temperature - Field	11.7		deg. C	05/21/96	1460922
MP-3 #17								
			Metals - Dissolved					
	FILTERED 1460930	M028	Arsenic, Dissolved	< 0.008		mg/l	05/21/96	1460876
	FILTERED 1460930	M029	Barium, Dissolved	0.080		mg/l	05/21/96	1460876
	FILTERED 1460930	M031	Beryllium, Dissolved	< 0.005		mg/l	05/21/96	1460876
	FILTERED 1460930	M032	Silver, Dissolved	< 0.015		mg/l	05/21/96	1460876
	FILTERED 1460930	M033	Calcium, Dissolved	10		mg/l	05/21/96	1460876
	FILTERED 1460930	M034	Cadmium, Dissolved	< 0.010		mg/l	05/21/96	1460876
	FILTERED 1460930	M035	Hexavalent Chromium, Dissolved	< 0.010		mg/l	05/21/96	1460876
	FILTERED 1460930	M036	Chromium, Dissolved	< 0.015		mg/l	05/21/96	1460876
	FILTERED 1460930	M037	Copper, Dissolved	< 0.025		mg/l	05/21/96	1460876
	FILTERED 1460930	M040	Iron, Dissolved	< 0.025		mg/l	05/21/96	1460876
	FILTERED 1460930	M041	Mercury, Dissolved	< 0.20		ug/l	05/21/96	1460876
	FILTERED 1460930	M042	Potassium, Dissolved	2.1		mg/l	05/21/96	1460876
	FILTERED 1460930	M044	Magnesium, Dissolved	1.5		mg/l	05/21/96	1460876
	FILTERED 1460930	M045	Manganese, Dissolved	0.084		mg/l	05/21/96	1460876
	FILTERED 1460930	M047	Sodium, Dissolved	46		mg/l	05/21/96	1460876
	FILTERED 1460930	M048	Lead, Dissolved	< 0.005		mg/l	05/21/96	1460876
	FILTERED 1460930	M050	Selenium, Dissolved	< 0.010		mg/l	05/21/96	1460876
	FILTERED 1460930	M053	Zinc, Dissolved	< 0.025		mg/l	05/21/96	1460876
	FILTERED 1460930	M054	Aluminum, Dissolved	< 0.10		mg/l	05/21/96	1460876
	FILTERED 1460930	M055	Cobalt, Dissolved	< 0.030		mg/l	05/21/96	1460876
	FILTERED 1460930	M059	Nickel, Dissolved	< 0.040		mg/l	05/21/96	1460876
	FILTERED 1460930	M098	Thallium, Dissolved	< 0.015		mg/l	05/21/96	1460876
	FILTERED 1460930	M099	Vanadium, Dissolved	< 0.025		mg/l	05/21/96	1460876
	FILTERED 1460930	M100	Antimony, Dissolved	< 0.008		mg/l	05/21/96	1460876
		M111	Total Iron, Field	< 0.01		mg/l	05/21/96	1460930
		M112	Iron as Fe+2 - Field	< 0.01		mg/l	05/21/96	1460930
		M113	Iron as Fe+3 - Field	< 0.01		mg/l	05/21/96	1460930
		M114	Hexavalent Chromium, Field	< 0.00		mg/l	05/21/96	1460930
			Inorganic Non-metals					
	FILTERED 1460930	I005	Chloride	31		mg/l	05/21/96	1460876
		I009	Nitrogen, Ammonia	0.82		mg/l	05/21/96	1460930
	FILTERED 1460930	I018	Sulfate as SO4	53		mg/l	05/21/96	1460876
		I059	Dissolved Oxygen, Field	2.16		mg/l	05/21/96	1460930
		I060	Eh Field	143.6		mv	05/21/96	1460930
		I070	Bicarbonate as HCO3	31		mg/l	05/21/96	1460930
		I071	Nitrate & Nitrite as N	0.70		mg/l	05/21/96	1460930
			Physical Properties					
	FILTERED 1460930	F009	pH Laboratory	6.40		Std. Un	05/21/96	1460876
		F024	Specific Gravity	0.958		g/ml	05/21/96	1460930
		F037	pH Field	6.45		Std. Un	05/21/96	1460930
		F062	Specific Conductance - Field	287		umhos	05/21/96	1460930
		F064	Temperature - Field	11.7		deg. C	05/21/96	1460930
MP-3 #18								
			Metals - Dissolved					
	FILTERED 1460921	M028	Arsenic, Dissolved	< 0.008		mg/l	05/21/96	1460867

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TABLE-22
Groundwater Analytical Results
Inorganic Parameters
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
MP-3 #18								
			Metals - Dissolved					
	FILTERED 1460921	M029	Barium, Dissolved	0.025		mg/l	05/21/96	1460867
	FILTERED 1460921	M031	Beryllium, Dissolved	< 0.005		mg/l	05/21/96	1460867
	FILTERED 1460921	M032	Silver, Dissolved	< 0.015		mg/l	05/21/96	1460867
	FILTERED 1460921	M033	Calcium, Dissolved	3.8		mg/l	05/21/96	1460867
	FILTERED 1460921	M034	Cadmium, Dissolved	< 0.010		mg/l	05/21/96	1460867
	FILTERED 1460921	M035	Hexavalent Chromium, Dissolved	< 0.010		mg/l	05/21/96	1460867
	FILTERED 1460921	M036	Chromium, Dissolved	< 0.015		mg/l	05/21/96	1460867
	FILTERED 1460921	M037	Copper, Dissolved	< 0.025		mg/l	05/21/96	1460867
	FILTERED 1460921	M040	Iron, Dissolved	0.081		mg/l	05/21/96	1460867
	FILTERED 1460921	M041	Mercury, Dissolved	< 0.20		ug/l	05/21/96	1460867
	FILTERED 1460921	M042	Potassium, Dissolved	1.1		mg/l	05/21/96	1460867
	FILTERED 1460921	M044	Magnesium, Dissolved	1.0		mg/l	05/21/96	1460867
	FILTERED 1460921	M045	Manganese, Dissolved	0.44		mg/l	05/21/96	1460867
	FILTERED 1460921	M045	Manganese, Dissolved	0.44		mg/l	05/21/96	1460867
	FILTERED 1460921	M047	Sodium, Dissolved	62		mg/l	05/21/96	1460867
	FILTERED 1460921	M050	Selenium, Dissolved	< 0.010		mg/l	05/21/96	1460867
	FILTERED 1460921	M053	Zinc, Dissolved	< 0.025		mg/l	05/21/96	1460867
	FILTERED 1460921	M054	Aluminum, Dissolved	< 0.10		mg/l	05/21/96	1460867
	FILTERED 1460921	M055	Cobalt, Dissolved	< 0.030		mg/l	05/21/96	1460867
	FILTERED 1460921	M059	Nickel, Dissolved	< 0.040		mg/l	05/21/96	1460867
	FILTERED 1460921	M098	Thallium, Dissolved	< 0.015		mg/l	05/21/96	1460867
	FILTERED 1460921	M099	Vanadium, Dissolved	< 0.025		mg/l	05/21/96	1460867
	FILTERED 1460921	M100	Antimony, Dissolved	< 0.008		mg/l	05/21/96	1460867
		M111	Total Iron, Field	0.01		mg/l	05/21/96	1460921
		M112	Iron as Fe+2 - Field	< 0.01		mg/l	05/21/96	1460921
		M113	Iron as Fe+3 - Field	0.01		mg/l	05/21/96	14[illegible]21
		M114	Hexavalent Chromium, Field	< 0.00		mg/l	05/21/96	1[illegible]1
			Inorganic Non-metals					
	FILTERED 1460921	I005	Chloride	35		mg/l	05/21/96	1460867
		I009	Nitrogen, Ammonia	3.9		mg/l	05/21/96	1460921
	FILTERED 1460921	I018	Sulfate as SO4	81		mg/l	05/21/96	1460867
		I060	Eh Field	149.6		mv	05/21/96	1460921
		I070	Bicarbonate as HCO3	< 20		mg/l	05/21/96	1460921
		I071	Nitrate & Nitrite as N	0.52		mg/l	05/21/96	1460921
			Physical Properties					
	FILTERED 1460921	F009	pH Laboratory	6.50		Std. Un	05/21/96	1460867
		F037	pH Field	6.08		Std. Un	05/21/96	1460921
		F062	Specific Conductance - Field	368		umhos	05/21/96	1460921
		F064	Temperature - Field	11.1		deg. C	05/21/96	1460921
MP-3 #19								
			Metals - Dissolved					
	FILTERED 1460920	M028	Arsenic, Dissolved	< 0.008		mg/l	05/21/96	1460866
	FILTERED 1460920	M029	Barium, Dissolved	0.013		mg/l	05/21/96	1460866
	FILTERED 1460920	M031	Beryllium, Dissolved	< 0.003		mg/l	05/21/96	1460866
	FILTERED 1460920	M032	Silver, Dissolved	< 0.015		mg/l	05/21/96	1460866
	FILTERED 1460920	M033	Calcium, Dissolved	3.6		mg/l	05/21/96	1460866
	FILTERED 1460920	M034	Cadmium, Dissolved	< 0.010		mg/l	05/21/96	1460866
	FILTERED 1460920	M035	Hexavalent Chromium, Dissolved	< 0.010		mg/l	05/21/96	1460866
	FILTERED 1460920	M036	Chromium, Dissolved	< 0.015		mg/l	05/21/96	1460866
	FILTERED 1460920	M037	Copper, Dissolved	< 0.025		mg/l	05/21/96	1460866
	FILTERED 1460920	M040	Iron, Dissolved	0.34		mg/l	05/21/96	1460866
	FILTERED 1460920	M041	Mercury, Dissolved	< 0.20		ug/l	05/21/96	1460866
	FILTERED 1460920	M042	Potassium, Dissolved	1.9		mg/l	05/21/96	1460866
	FILTERED 1460920	M044	Magnesium, Dissolved	0.91		mg/l	05/21/96	1460866
	FILTERED 1460920	M045	Manganese, Dissolved	0.38		mg/l	05/21/96	1460866
	FILTERED 1460920	M047	Sodium, Dissolved	140		mg/l	05/21/96	1460866
	FILTERED 1460920	M048	Lead, Dissolved	< 0.005		mg/l	05/21/96	1460866
	FILTERED 1460920	M050	Selenium, Dissolved	< 0.010		mg/l	05/21/96	1460866

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TABLE-22
Groundwater Analytical Results
Inorganic Parameters
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
MP-3 #19								
			Metals - Dissolved					
	FILTERED 1460920	M053	Zinc, Dissolved	< 0.025		mg/l	05/21/96	1460866
	FILTERED 1460920	M054	Aluminum, Dissolved	0.15		mg/l	05/21/96	1460866
	FILTERED 1460920	M055	Cobalt, Dissolved	< 0.030		mg/l	05/21/96	1460866
	FILTERED 1460920	M059	Nickel, Dissolved	< 0.040		mg/l	05/21/96	1460866
	FILTERED 1460920	M098	Thallium, Dissolved	< 0.015		mg/l	05/21/96	1460866
	FILTERED 1460920	M099	Vanadium, Dissolved	< 0.025		mg/l	05/21/96	1460866
	FILTERED 1460920	M100	Antimony, Dissolved	< 0.008		mg/l	05/21/96	1460866
		M111	Total Iron, Field	0.30		mg/l	05/21/96	1460920
		M112	Iron as Fe+2 - Field	0.26		mg/l	05/21/96	1460920
		M113	Iron as Fe+3 - Field	0.04		mg/l	05/21/96	1460920
		M114	Hexavalent Chromium, Field	< 0.00		mg/l	05/21/96	1460920
			Inorganic Non-metals					
	FILTERED 1460920	I005	Chloride	48		mg/l	05/21/96	1460866
		I009	Nitrogen, Ammonia	6.8		mg/l	05/21/96	1460920
	FILTERED 1460920	I018	Sulfate as SO4	170		mg/l	05/21/96	1460866
		I059	Dissolved Oxygen, Field	0.79		mg/l	05/21/96	1460920
		I060	Eh Field	122.2		mv	05/21/96	1460920
		I070	Bicarbonate as HCO3	31		mg/l	05/21/96	1460920
		I071	Nitrate & Nitrite as N	1.4		mg/l	05/21/96	1460920
			Physical Properties					
	FILTERED 1460920	F009	pH Laboratory	6.50		Std. Un	05/21/96	1460866
		F037	pH Field	6.10		Std. Un	05/21/96	1460920
		F062	Specific Conductance - Field	688		umhos	05/21/96	1460920
		F064	Temperature - Field	10.7		deg. C	05/21/96	1460920
MP-3 #20								
			Metals - Dissolved					
	FILTERED 1460919	M028	Arsenic, Dissolved	< 0.008		mg/l	05/21/96	1460865
	FILTERED 1460919	M029	Barium, Dissolved	0.013		mg/l	05/21/96	1460865
	FILTERED 1460919	M031	Beryllium, Dissolved	< 0.005		mg/l	05/21/96	1460865
	FILTERED 1460919	M032	Silver, Dissolved	< 0.015		mg/l	05/21/96	1460865
	FILTERED 1460919	M033	Calcium, Dissolved	4.0		mg/l	05/21/96	1460865
	FILTERED 1460919	M034	Cadmium, Dissolved	< 0.010		mg/l	05/21/96	1460865
	FILTERED 1460919	M035	Hexavalent Chromium, Dissolved	< 0.010		mg/l	05/21/96	1460865
	FILTERED 1460919	M036	Chromium, Dissolved	< 0.015		mg/l	05/21/96	1460865
	FILTERED 1460919	M037	Copper, Dissolved	< 0.025		mg/l	05/21/96	1460865
	FILTERED 1460919	M040	Iron, Dissolved	0.22		mg/l	05/21/96	1460865
	FILTERED 1460919	M041	Mercury, Dissolved	< 0.20		ug/l	05/21/96	1460865
	FILTERED 1460919	M042	Potassium, Dissolved	1.7		mg/l	05/21/96	1460865
	FILTERED 1460919	M044	Magnesium, Dissolved	0.88		mg/l	05/21/96	1460865
	FILTERED 1460919	M045	Manganese, Dissolved	0.34		mg/l	05/21/96	1460865
	FILTERED 1460919	M047	Sodium, Dissolved	97		mg/l	05/21/96	1460865
	FILTERED 1460919	M048	Lead, Dissolved	< 0.005		mg/l	05/21/96	1460865
	FILTERED 1460919	M048	Lead, Dissolved	< 0.005		mg/l	05/21/96	1460865
	FILTERED 1460919	M050	Selenium, Dissolved	< 0.010		mg/l	05/21/96	1460865
	FILTERED 1460919	M054	Aluminum, Dissolved	0.17		mg/l	05/21/96	1460865
	FILTERED 1460919	M055	Cobalt, Dissolved	< 0.030		mg/l	05/21/96	1460865
	FILTERED 1460919	M059	Nickel, Dissolved	< 0.040		mg/l	05/21/96	1460865
	FILTERED 1460919	M098	Thallium, Dissolved	< 0.015		mg/l	05/21/96	1460865
	FILTERED 1460919	M099	Vanadium, Dissolved	< 0.025		mg/l	05/21/96	1460865
	FILTERED 1460919	M100	Antimony, Dissolved	< 0.008		mg/l	05/21/96	1460865
		M111	Total Iron, Field	0.07		mg/l	05/21/96	1460919
		M112	Iron as Fe+2 - Field	0.06		mg/l	05/21/96	1460919
		M113	Iron as Fe+3 - Field	0.01		mg/l	05/21/96	1460919
		M114	Hexavalent Chromium, Field	< 0.00		mg/l	05/21/96	1460919
			Inorganic Non-metals					
	FILTERED 1460919	I005	Chloride	39		mg/l	05/21/96	1460865
		I009	Nitrogen, Ammonia	3.4		mg/l	05/21/96	1460919
	FILTERED 1460919	I018	Sulfate as SO4	120		mg/l	05/21/96	1460865

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Groundwater Analytical Results
Inorganic Parameters
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
MP-3 #20								
			Inorganic Non-metals					
		I060	Eh Field	126.6		mv	05/21/96	1460919
		I070	Bicarbonate as HCO3	31		mg/l	05/21/96	1460919
		I071	Nitrate & Nitrite as N	0.70		mg/l	05/21/96	1460919
			Physical Properties					
	FILTERED 1460919	F009	pH Laboratory	6.90		Std. Un	05/21/96	1460865
		F037	pH Field	6.06		Std. Un	05/21/96	1460919
		F062	Specific Conductance - Field	408		umhos	05/21/96	1460919
		F064	Temperature - Field	10.5		deg. C	05/21/96	1460919
MP-3 #21								
			Metals - Dissolved					
	FILTERED 1460918	M028	Arsenic, Dissolved	< 0.008		mg/l	05/21/96	1460864
	FILTERED 1460918	M029	Barium, Dissolved	0.005		mg/l	05/21/96	1460864
	FILTERED 1460918	M031	Beryllium, Dissolved	< 0.005		mg/l	05/21/96	1460864
	FILTERED 1460918	M032	Silver, Dissolved	< 0.015		mg/l	05/21/96	1460864
	FILTERED 1460918	M033	Calcium, Dissolved	1.0		mg/l	05/21/96	1460864
	FILTERED 1460918	M034	Cadmium, Dissolved	< 0.010		mg/l	05/21/96	1460864
	FILTERED 1460918	M035	Hexavalent Chromium, Dissolved	< 0.010		mg/l	05/21/96	1460864
	FILTERED 1460918	M036	Chromium, Dissolved	< 0.015		mg/l	05/21/96	1460864
	FILTERED 1460918	M037	Copper, Dissolved	< 0.025		mg/l	05/21/96	1460864
	FILTERED 1460918	M040	Iron, Dissolved	0.14		mg/l	05/21/96	1460864
	FILTERED 1460918	M041	Mercury, Dissolved	< 0.20		ug/l	05/21/96	1460864
	FILTERED 1460918	M042	Potassium, Dissolved	< 1.0		mg/l	05/21/96	1460864
	FILTERED 1460918	M044	Magnesium, Dissolved	0.20		mg/l	05/21/96	1460864
	FILTERED 1460918	M045	Manganese, Dissolved	0.020		mg/l	05/21/96	1460864
	FILTERED 1460918	M047	Sodium, Dissolved	69		mg/l	05/21/96	1[illegible]64
	FILTERED 1460918	M048	Lead, Dissolved	< 0.005		mg/l	05/21/96	1[illegible]4
	FILTERED 1460918	M050	Selenium, Dissolved	< 0.010		mg/l	05/21/96	1[illegible]64
	FILTERED 1460918	M053	Zinc, Dissolved	< 0.025		mg/l	05/21/96	1460864
	FILTERED 1460918	M054	Aluminum, Dissolved	0.27		mg/l	05/21/96	1460864
	FILTERED 1460918	M055	Cobalt, Dissolved	< 0.030		mg/l	05/21/96	1460864
	FILTERED 1460918	M059	Nickel, Dissolved	< 0.040		mg/l	05/21/96	1460864
	FILTERED 1460918	M098	Thallium, Dissolved	< 0.015		mg/l	05/21/96	1460864
	FILTERED 1460918	M099	Vanadium, Dissolved	< 0.025		mg/l	05/21/96	1460864
	FILTERED 1460918	M100	Antimony, Dissolved	< 0.008		mg/l	05/21/96	1460864
		M111	Total Iron, Field	0.01		mg/l	05/21/96	1460918
		M112	Iron as Fe+2 - Field	< 0.01		mg/l	05/21/96	1460918
		M113	Iron as Fe+3 - Field	0.01		mg/l	05/21/96	1460918
		M114	Hexavalent Chromium, Field	< 0.00		mg/l	05/21/96	1460918
			Inorganic Non-metals					
	FILTERED 1460918	I005	Chloride	22		mg/l	05/21/96	1460864
		I009	Nitrogen, Ammonia	2.1		mg/l	05/21/96	1460918
	FILTERED 1460918	I018	Sulfate as SO4	59		mg/l	05/21/96	1460864
		I059	Dissolved Oxygen, Field	2.59		mg/l	05/21/96	1460918
		I060	Eh Field	133.8		mv	05/21/96	1460918
		I070	Bicarbonate as HCO3	62		mg/l	05/21/96	1460918
		I071	Nitrate & Nitrite as N	1.0		mg/l	05/21/96	1460918
			Physical Properties					
	FILTERED 1460918	F009	pH Laboratory	6.80		Std. Un	05/21/96	1460864
		F037	pH Field	6.61		Std. Un	05/21/96	1460918
		F062	Specific Conductance - Field	334		umhos	05/21/96	1460918
		F064	Temperature - Field	10.4		deg. C	05/21/96	1460918
SL-01-D								
			Metals - Dissolved					
	FILTERED	M033	Calcium, Dissolved	44		mg/l	12/17/96	1461371
	FILTERED	M036	Chromium, Dissolved	< 0.010		mg/l	12/17/96	1461371
			Inorganic Non-metals					
	FILTERED	I005	Chloride	21.6		mg/l	12/17/96	1461371

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Groundwater Analytical Results
Inorganic Parameters
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID		Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
SL-01-D									
				Inorganic Non-metals					
	FILTERED		I009	Nitrogen, Ammonia	< 0.040		mg/l	12/17/96	1461371
	FILTERED		I018	Sulfate as SO4	127		mg/l	12/17/96	1461371
				Physical Properties					
	FILTERED		F037	pH Field	4.78		Std. Un	12/17/96	1461371
	FILTERED		F062	Specific Conductance - Field	382		umhos	12/17/96	1461371
	FILTERED		F064	Temperature - Field	9.1		deg. C	12/17/96	1461371
SL-01-S									
				Metals - Dissolved					
	FILTERED		M033	Calcium, Dissolved	< 5.0		mg/l	12/17/96	1461370
	FILTERED		M036	Chromium, Dissolved	< 0.010		mg/l	12/17/96	1461370
				Inorganic Non-metals					
	FILTERED		I005	Chloride	< 3.0		mg/l	12/17/96	1461370
	FILTERED		I009	Nitrogen, Ammonia	< 0.040		mg/l	12/17/96	1461370
	FILTERED		I018	Sulfate as SO4	17.7		mg/l	12/17/96	1461370
				Physical Properties					
	FILTERED		F037	pH Field	4.94		Std. Un	12/17/96	1461370
	FILTERED		F062	Specific Conductance - Field	49		umhos	12/17/96	1461370
	FILTERED		F064	Temperature - Field	8.7		deg. C	12/17/96	1461370
SL-02									
				Metals - Dissolved					
	FILTERED		M033	Calcium, Dissolved	81.7		mg/l	12/17/96	1461372
	FILTDUP	1461372	M033	Calcium, Dissolved	79.3		mg/l	12/17/96	1461376
	FILTERED		M036	Chromium, Dissolved	< 0.010		mg/l	12/17/96	1461372
	FILTDUP	1461372	M036	Chromium, Dissolved	< 0.010		mg/l	12/17/96	1461376
				Inorganic Non-metals					
	FILTERED		I005	Chloride	< 3.0		mg/l	12/17/96	1461372
	FILTDUP	1461372	I005	Chloride	< 3.0		mg/l	12/17/96	1461376
	FILTERED		I009	Nitrogen, Ammonia	< 0.040		mg/l	12/17/96	1461372
	FILTDUP	1461372	I009	Nitrogen, Ammonia	< 0.040		mg/l	12/17/96	1461376
	FILTERED		I018	Sulfate as SO4	239		mg/l	12/17/96	1461372
	FILTDUP	1461372	I018	Sulfate as SO4	235		mg/l	12/17/96	1461376
				Physical Properties					
	FILTERED		F037	pH Field	5.61		Std. Un	12/17/96	1461372
	FILTERED		F062	Specific Conductance - Field	549		umhos	12/17/96	1461372
	FILTERED		F064	Temperature - Field	6.8		deg. C	12/17/96	1461372
SL-03									
				Metals - Dissolved					
	FILTERED		M033	Calcium, Dissolved	175		mg/l	12/17/96	1461373
	FILTERED		M036	Chromium, Dissolved	< 0.010		mg/l	12/17/96	1461373
				Inorganic Non-metals					
	FILTERED		I005	Chloride	4.1		mg/l	12/17/96	1461373
	FILTERED		I009	Nitrogen, Ammonia	0.73		mg/l	12/17/96	1461373
	FILTERED		I018	Sulfate as SO4	502		mg/l	12/17/96	1461373
				Physical Properties					
	FILTERED		F037	pH Field	5.26		Std. Un	12/17/96	1461373
	FILTERED		F062	Specific Conductance - Field	1000		umhos	12/17/96	1461373
	FILTERED		F064	Temperature - Field	9.3		deg. C	12/17/96	1461373
SL-05									
				Metals - Dissolved					
	FILTERED		M033	Calcium, Dissolved	343		mg/l	12/17/96	1461374
	FILTERED		M036	Chromium, Dissolved	< 0.010		mg/l	12/17/96	1461374
				Inorganic Non-metals					
	FILTERED		I005	Chloride	28.9		mg/l	12/17/96	1461374
	FILTERED		I009	Nitrogen, Ammonia	79.3		mg/l	12/17/96	1461374
	FILTERED		I018	Sulfate as SO4	1370		mg/l	12/17/96	1461374

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Groundwater Analytical Results
Inorganic Parameters
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
SL-05								
			Physical Properties					
	FILTERED	F037	pH Field	5.85		Std. Un	12/17/96	1461374
	FILTERED	F062	Specific Conductance - Field	2570		umhos	12/17/96	1461374
	FILTERED	F064	Temperature - Field	10.1		deg. C	12/17/96	1461374
SL-06								
			Metals - Dissolved					
	FILTERED	M033	Calcium, Dissolved	248		mg/l	12/17/96	1461375
	FILTERED	M036	Chromium, Dissolved	< 0.010		mg/l	12/17/96	1461375
			Inorganic Non-metals					
	FILTERED	I005	Chloride	57.6		mg/l	12/17/96	1461375
	FILTERED	I009	Nitrogen, Ammonia	70.9		mg/l	12/17/96	1461375
	FILTERED	I018	Sulfate as SO4	956		mg/l	12/17/96	1461375
			Physical Properties					
	FILTERED	F037	pH Field	5.60		Std. Un	12/17/96	1461375
	FILTERED	F062	Specific Conductance - Field	2340		umhos	12/17/96	1461375
	FILTERED	F064	Temperature - Field	10.5		deg. C	12/17/96	1461375

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TABLE 2-23
Analytical Results for Municipal Supply Wells
and Adjacent Monitoring Wells
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
BUTTERS ROW 1								
			Metals					
		M007	Calcium	39		mg/l	02/15/94	1000404
		M007	Calcium	48		mg/l	05/10/94	1000405
	REPLICATE1000443	M007	Calcium	64.2		mg/l	05/10/94	1000442
		M007	Calcium	27		mg/l	05/31/95	1460429
		M007	Calcium	39		mg/l	09/27/95	1460485
		M007	Calcium	69		mg/l	08/24/94	1460700
		M007	Calcium	46		mg/l	11/15/94	1460705
		M007	Calcium	34		mg/l	02/08/95	1460710
		M007	Calcium	40		mg/l	03/27/96	1460728
		M007	Calcium	56		mg/l	12/13/95	1460957
		M007	Calcium	113		mg/l	12/05/94	1460968
		M007	Calcium	30		mg/l	06/19/96	1460971
		M008	Chromium	< 0.015		mg/l	10/20/93	1000403
		M008	Chromium	< 0.015		mg/l	05/10/94	1000405
		M008	Chromium	< 0.015		mg/l	05/31/95	1460429
		M008	Chromium	< 0.015		mg/l	09/27/95	1460485
		M008	Chromium	< 0.005		mg/l	08/24/94	1460700
		M008	Chromium	< 0.015		mg/l	11/15/94	1460705
		M008	Chromium	< 0.015		mg/l	02/08/95	1460710
		M008	Chromium	< 0.015		mg/l	03/27/96	1460728
		M008	Chromium	< 0.015		mg/l	12/13/95	1460957
		M008	Chromium	< 0.030		mg/l	06/19/96	1460971
		M008	Chromium	< 0.010		mg/l	07/31/96	1461098
	DUP OF 1461098	M008	Chromium	< 0.010		mg/l	07/31/96	1461104
		M013	Magnesium	8.7		mg/l	02/15/94	1000404
		M013	Magnesium	12		mg/l	05/10/94	1000405
	REPLICATE1000443	M013	Magnesium	15.1		mg/l	05/10/94	1000442
		M013	Magnesium	6.2		mg/l	05/31/95	1460429
		M013	Magnesium	8.6		mg/l	09/27/95	1460485
		M013	Magnesium	15		mg/l	08/24/94	1460700
		M013	Magnesium	9.3		mg/l	11/15/94	1460705
		M013	Magnesium	7.6		mg/l	02/08/95	1460710
		M013	Magnesium	8.2		mg/l	03/27/96	1460728
		M013	Magnesium	12		mg/l	12/13/95	1460957
		M013	Magnesium	10.5		mg/l	12/05/94	1460968
		M013	Magnesium	6.68		mg/l	06/19/96	1460971
	REPLICATE1000443	M017	Potassium	7.2		mg/l	05/10/94	1000442
		M017	Potassium	5.2		mg/l	12/05/94	1460968
		M020	Sodium	63		mg/l	02/15/94	1000404
		M020	Sodium	81		mg/l	05/10/94	1000405
	REPLICATE1000443	M020	Sodium	93.3		mg/l	05/10/94	1000442
		M020	Sodium	54		mg/l	05/31/95	1460429
		M020	Sodium	63		mg/l	09/27/95	1460485
		M020	Sodium	99		mg/l	08/24/94	1460700
		M020	Sodium	73		mg/l	11/15/94	1460705
		M020	Sodium	61		mg/l	02/08/95	1460710
		M020	Sodium	67		mg/l	03/27/96	1460728
		M020	Sodium	88		mg/l	12/13/95	1460957
		M020	Sodium	77		mg/l	12/05/94	1460968
		M020	Sodium	66.6		mg/l	06/19/96	1460971
			Metals - Dissolved					
	FILTERED	M033	Calcium, Dissolved	31.2		mg/l	08/27/96	1461053
	FILTDUP 1461053	M033	Calcium, Dissolved	31.0		mg/l	08/27/96	1461069
	FILTERED 1461098	M033	Calcium, Dissolved	31.6		mg/l	07/31/96	1461079
	FILTDUP 1461079	M033	Calcium, Dissolved	31.1		mg/l	07/31/96	1461085
	FILTERED	M033	Calcium, Dissolved	39.2		mg/l	09/24/96	1461113
	FILTDUP 1461113	M033	Calcium, Dissolved	39.4		mg/l	09/24/96	1461129
	FILTERED	M033	Calcium, Dissolved	39.8		mg/l	10/24/96	1461208
	FILTERED	M033	Calcium, Dissolved	43.7		mg/l	12/18/96	1461426

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TABLE 2-23
Analytical Results for Municipal Supply Wells
and Adjacent Monitoring Wells
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID		Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
BUTTERS ROW 1									
				Metals - Dissolved					
	FILTERED		M033	Calcium, Dissolved	36.8		mg/l	01/23/97	1461539
	FILTERED		M033	Calcium, Dissolved	28.9		mg/l	02/25/97	1461589
	FILTERED		M033	Calcium, Dissolved	25.8		mg/l	03/25/97	1461611
	FILTERED		M033	Calcium, Dissolved	20.8		mg/l	04/23/97	1461652
	FILTERED		M036	Chromium, Dissolved	< 0.010		mg/l	08/27/96	1461053
	FILTDUP	1461053	M036	Chromium, Dissolved	< 0.010		mg/l	08/27/96	1461069
	FILTERED	1461098	M036	Chromium, Dissolved	< 0.010		mg/l	07/31/96	1461079
	FILTDUP	1461079	M036	Chromium, Dissolved	< 0.010		mg/l	07/31/96	1461085
	FILTERED		M036	Chromium, Dissolved	< 0.010		mg/l	09/24/96	1461113
	FILTDUP	1461113	M036	Chromium, Dissolved	< 0.010		mg/l	09/24/96	1461129
	FILTERED		M036	Chromium, Dissolved	< 0.010		mg/l	10/24/96	1461208
	FILTERED		M036	Chromium, Dissolved	< 0.010		mg/l	12/18/96	1461426
	FILTERED		M036	Chromium, Dissolved	< 0.010		mg/l	01/23/97	1461539
	FILTERED		M036	Chromium, Dissolved	< 0.010		mg/l	02/25/97	1461589
	FILTERED		M036	Chromium, Dissolved	< 0.010		mg/l	03/25/97	1461611
	FILTERED		M036	Chromium, Dissolved	< 0.010		mg/l	04/23/97	1461652
	FILTERED		M040	Iron, Dissolved	6.54		mg/l	10/24/96	1461208
	FILTERED		M040	Iron, Dissolved	7.26		mg/l	12/18/96	1461426
	FILTERED		M040	Iron, Dissolved	6.78		mg/l	01/23/97	1461539
	FILTERED		M040	Iron, Dissolved	6.43		mg/l	02/25/97	1461589
	FILTERED		M040	Iron, Dissolved	5.65		mg/l	03/25/97	1461611
	FILTERED		M040	Iron, Dissolved	4.77		mg/l	04/23/97	1461652
	FILTERED		M042	Potassium, Dissolved	< 5.0		mg/l	10/24/96	1461208
	FILTERED		M042	Potassium, Dissolved	5.96		mg/l	12/18/96	1461426
	FILTERED		M042	Potassium, Dissolved	< 5.0		mg/l	01/23/97	1461539
	FILTERED		M042	Potassium, Dissolved	4.04		mg/l	02/25/97	14[illegible]9
	FILTERED		M042	Potassium, Dissolved	< 5.0		mg/l	03/25/97	1[illegible]
	FILTERED		M042	Potassium, Dissolved	< 5.00		mg/l	04/23/97	14[illegible]2
	FILTERED		M044	Magnesium, Dissolved	6.74		mg/l	08/27/96	1461053
	FILTDUP	1461053	M044	Magnesium, Dissolved	6.64		mg/l	08/27/96	1461069
	FILTERED	1461098	M044	Magnesium, Dissolved	7.02		mg/l	07/31/96	1461079
	FILTDUP	1461079	M044	Magnesium, Dissolved	6.93		mg/l	07/31/96	1461085
	FILTERED		M044	Magnesium, Dissolved	8.44		mg/l	09/24/96	1461113
	FILTDUP	1461113	M044	Magnesium, Dissolved	8.46		mg/l	09/24/96	1461129
	FILTERED		M044	Magnesium, Dissolved	8.86		mg/l	10/24/96	1461208
	FILTERED		M044	Magnesium, Dissolved	9.81		mg/l	12/18/96	1461426
	FILTERED		M044	Magnesium, Dissolved	8.16		mg/l	01/23/97	1461539
	FILTERED		M044	Magnesium, Dissolved	6.39		mg/l	02/25/97	1461589
	FILTERED		M044	Magnesium, Dissolved	5.68		mg/l	03/25/97	1461611
	FILTERED		M044	Magnesium, Dissolved	< 5.00		mg/l	04/23/97	1461652
	FILTERED		M047	Sodium, Dissolved	56.4		mg/l	08/27/96	1461053
	FILTDUP	1461053	M047	Sodium, Dissolved	55.7		mg/l	08/27/96	1461069
	FILTERED	1461098	M047	Sodium, Dissolved	51.1		mg/l	07/31/96	1461079
	FILTDUP	1461079	M047	Sodium, Dissolved	52.3		mg/l	07/31/96	1461085
	FILTERED		M047	Sodium, Dissolved	72.1		mg/l	09/24/96	1461113
	FILTDUP	1461113	M047	Sodium, Dissolved	72.1		mg/l	09/24/96	1461129
	FILTERED		M047	Sodium, Dissolved	74.1		mg/l	10/24/96	1461208
	FILTERED		M047	Sodium, Dissolved	63.1		mg/l	12/18/96	1461426
	FILTERED		M047	Sodium, Dissolved	65.6		mg/l	01/23/97	1461539
	FILTERED		M047	Sodium, Dissolved	49		mg/l	02/25/97	1461589
	FILTERED		M047	Sodium, Dissolved	54.9		mg/l	03/25/97	1461611
	FILTERED		M047	Sodium, Dissolved	40.8		mg/l	04/23/97	1461652
	FILTERED		M054	Aluminum, Dissolved	< 0.2		mg/l	02/25/97	1461589
				Inorganic Non-metals					
			I002	Total Alkalinity as CaCO3	37		mg/l	02/15/94	1000404
			I002	Total Alkalinity as CaCO3	53		mg/l	05/10/94	1000405
			I002	Total Alkalinity as CaCO3	32		mg/l	05/31/95	1460429
			I002	Total Alkalinity as CaCO3	38		mg/l	09/27/95	1460485
			I002	Total Alkalinity as CaCO3	71		mg/l	08/24/94	1460700

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TABLE 2-23
Analytical Results for Municipal Supply Wells
and Adjacent Monitoring Wells
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
BUTTERS ROW 1								
			Inorganic Non-metals					
		I002	Total Alkalinity as CaCO3	70		mg/l	11/15/94	1460705
		I002	Total Alkalinity as CaCO3	40		mg/l	02/08/95	1460710
		I002	Total Alkalinity as CaCO3	33		mg/l	03/27/96	1460728
		I002	Total Alkalinity as CaCO3	37		mg/l	12/13/95	1460957
	FILTERED	I002	Total Alkalinity as CaCO3	44.2		mg/l	08/27/96	1461053
	FILTDUP 1461053	I002	Total Alkalinity as CaCO3	42.4		mg/l	08/27/96	1461069
	FILTERED	I002	Total Alkalinity as CaCO3	47.0		mg/l	09/24/96	1461113
	FILTDUP 1461113	I002	Total Alkalinity as CaCO3	47.2		mg/l	09/24/96	1461129
	FILTERED	I002	Total Alkalinity as CaCO3	49.8		mg/l	10/24/96	1461208
	FILTERED	I002	Total Alkalinity as CaCO3	55.6		mg/l	12/18/96	1461426
	FILTERED	I002	Total Alkalinity as CaCO3	55.0		mg/l	01/23/97	1461539
	FILTERED	I002	Total Alkalinity as CaCO3	41.6		mg/l	02/25/97	1461589
	FILTERED	I002	Total Alkalinity as CaCO3	43.2		mg/l	03/25/97	1461611
	FILTERED	I002	Total Alkalinity as CaCO3	34.4		mg/l	04/23/97	1461652
		I005	Chloride	130		mg/l	10/20/93	1000403
		I005	Chloride	110		mg/l	02/15/94	1000404
		I005	Chloride	140		mg/l	05/10/94	1000405
	REPLICATE 1000443	I005	Chloride	131.1		mg/l	05/10/94	1000442
	DUP OF 1000405	I005	Chloride	150		mg/l	05/10/94	1000443
		I005	Chloride	75		mg/l	05/31/95	1460429
		I005	Chloride	93		mg/l	09/27/95	1460485
		I005	Chloride	130		mg/l	08/24/94	1460700
		I005	Chloride	100		mg/l	11/15/94	1460705
		I005	Chloride	84		mg/l	02/08/95	1460710
		I005	Chloride	96		mg/l	03/27/96	1460728
		I005	Chloride	100		mg/l	12/13/95	1460957
		I005	Chloride	111		mg/l	12/05/94	1460968
		I005	Chloride	96.5		mg/l	06/19/96	1460971
	FILTERED	I005	Chloride	102		mg/l	08/27/96	1461053
	FILTDUP 1461053	I005	Chloride	102		mg/l	08/27/96	1461069
	FILTERED 1461098	I005	Chloride	109	j	mg/l	07/31/96	1461079
	FILTDUP 1461079	I005	Chloride	109	j	mg/l	07/31/96	1461085
	FILTERED	I005	Chloride	113		mg/l	09/24/96	1461113
	FILTDUP 1461113	I005	Chloride	114		mg/l	09/24/96	1461129
	FILTERED	I005	Chloride	116		mg/l	10/24/96	1461208
	FILTERED	I005	Chloride	115	N	mg/l	12/18/96	1461426
	FILTERED	I005	Chloride	111		mg/l	01/23/97	1461539
	FILTERED	I005	Chloride	97.1		mg/l	02/25/97	1461589
	FILTERED	I005	Chloride	92.6		mg/l	03/25/97	1461611
	FILTERED	I005	Chloride	75.8		mg/l	04/23/97	1461652
		I009	Nitrogen, Ammonia	3.9		mg/l	10/20/93	1000403
		I009	Nitrogen, Ammonia	3.7		mg/l	02/15/94	1000404
		I009	Nitrogen, Ammonia	5.6		mg/l	05/10/94	1000405
	REPLICATE 1000443	I009	Nitrogen, Ammonia	4.9		mg/l	05/10/94	1000442
	DUP OF 1000405	I009	Nitrogen, Ammonia	8.3		mg/l	05/10/94	1000443
		I009	Nitrogen, Ammonia	4		mg/l	05/31/95	1460429
		I009	Nitrogen, Ammonia	4.0		mg/l	09/27/95	1460485
		I009	Nitrogen, Ammonia	7.90		mg/l	08/24/94	1460700
		I009	Nitrogen, Ammonia	7.60		mg/l	11/15/94	1460705
		I009	Nitrogen, Ammonia	4.70		mg/l	02/08/95	1460710
		I009	Nitrogen, Ammonia	3.9		mg/l	03/27/96	1460728
		I009	Nitrogen, Ammonia	5.4		mg/l	12/13/95	1460957
		I009	Nitrogen, Ammonia	7.1		mg/l	12/05/94	1460968
		I009	Nitrogen, Ammonia	4.76		mg/l	06/19/96	1460971
	FILTERED	I009	Nitrogen, Ammonia	4.77		mg/l	08/27/96	1461053
	FILTDUP 1461053	I009	Nitrogen, Ammonia	4.94		mg/l	08/27/96	1461069
	FILTERED 1461098	I009	Nitrogen, Ammonia	6.43		mg/l	07/31/96	1461079
	FILTDUP 1461079	I009	Nitrogen, Ammonia	5.35		mg/l	07/31/96	1461085
	FILTERED	I009	Nitrogen, Ammonia	7.36		mg/l	09/24/96	1461113

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TABLE 2-23
Analytical Results for Municipal Supply Wells
and Adjacent Monitoring Wells
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
BUTTERS ROW 1								
			Inorganic Non-metals					
	FILTDUP 1461113	I009	Nitrogen, Ammonia	7.79		mg/l	09/24/96	1461129
	FILTERED	I009	Nitrogen, Ammonia	7.93		mg/l	10/24/96	1461208
	FILTERED	I009	Nitrogen, Ammonia	9.37		mg/l	12/18/96	1461426
	FILTERED	I009	Nitrogen, Ammonia	8.22		mg/l	01/23/97	1461539
	FILTERED	I009	Nitrogen, Ammonia	6.71		mg/l	02/25/97	1461589
	FILTERED	I009	Nitrogen, Ammonia	4.97		mg/l	03/25/97	1461611
	FILTERED	I009	Nitrogen, Ammonia	3.21		mg/l	04/23/97	1461652
		I012	Nitrate as N	< 0.05		mg/l	02/15/94	1000404
		I012	Nitrate as N	< 0.05		mg/l	05/10/94	1000405
		I012	Nitrate as N	0.069		mg/l	05/31/95	1460429
		I012	Nitrate as N	0.10		mg/l	09/27/95	1460485
		I012	Nitrate as N	< 0.05		mg/l	08/24/94	1460700
		I012	Nitrate as N	< 0.05		mg/l	11/15/94	1460705
		I012	Nitrate as N	0.082		mg/l	02/08/95	1460710
		I012	Nitrate as N	0.18		mg/l	03/27/96	1460728
		I012	Nitrate as N	0.19		mg/l	12/13/95	1460957
		I012	Nitrate as N	0.2		mg/l	12/05/94	1460968
		I012	Nitrate as N	< .20		mg/l	06/19/96	1460971
		I018	Sulfate as SO4	85		mg/l	10/20/93	1000403
		I018	Sulfate as SO4	120		mg/l	02/15/94	1000404
		I018	Sulfate as SO4	220		mg/l	05/10/94	1000405
	REPLICATE 1000443	I018	Sulfate as SO4	195		mg/l	05/10/94	1000442
	DUP OF 1000405	I018	Sulfate as SO4	180		mg/l	05/10/94	1000443
		I018	Sulfate as SO4	95		mg/l	05/31/95	1460429
		I018	Sulfate as SO4	110		mg/l	09/27/95	1460485
		I018	Sulfate as SO4	140		mg/l	08/24/94	14[illegible]700
		I018	Sulfate as SO4	97		mg/l	11/15/94	1[illegible]5
		I018	Sulfate as SO4	90		mg/l	02/08/95	1[illegible]0
		I018	Sulfate as SO4	110		mg/l	03/27/96	1460728
		I018	Sulfate as SO4	150		mg/l	12/13/95	1460957
		I018	Sulfate as SO4	157		mg/l	12/05/94	1460968
		I018	Sulfate as SO4	90		mg/l	06/19/96	1460971
	FILTERED	I018	Sulfate as SO4	105		mg/l	08/27/96	1461053
	FILTDUP 1461053	I018	Sulfate as SO4	96.7		mg/l	08/27/96	1461069
	FILTERED 1461098	I018	Sulfate as SO4	114		mg/l	07/31/96	1461079
	FILTDUP 1461079	I018	Sulfate as SO4	105		mg/l	07/31/96	1461085
	FILTERED	I018	Sulfate as SO4	153		mg/l	09/24/96	1461113
	FILTDUP 1461113	I018	Sulfate as SO4	155		mg/l	09/24/96	1461129
	FILTERED	I018	Sulfate as SO4	149		mg/l	10/24/96	1461208
	FILTERED	I018	Sulfate as SO4	168		mg/l	12/18/96	1461426
	FILTERED	I018	Sulfate as SO4	154		mg/l	01/23/97	1461539
	FILTERED	I018	Sulfate as SO4	95.1		mg/l	02/25/97	1461589
	FILTERED	I018	Sulfate as SO4	91.7		mg/l	03/25/97	1461611
	FILTERED	I018	Sulfate as SO4	73.7		mg/l	04/23/97	1461652
	FILTDUP 1461053	I026	Bicarbonate Alkalinity as CaCO3	42.4		mg/l	08/27/96	1461069
	FILTERED 1461098	I026	Bicarbonate Alkalinity as CaCO3	44.4		mg/l	07/31/96	1461079
	FILTDUP 1461079	I026	Bicarbonate Alkalinity as CaCO3	46.2		mg/l	07/31/96	1461085
	FILTERED	I026	Bicarbonate Alkalinity as CaCO3	47.0		mg/l	09/24/96	1461113
	FILTDUP 1461113	I026	Bicarbonate Alkalinity as CaCO3	47.2		mg/l	09/24/96	1461129
	FILTERED	I026	Bicarbonate Alkalinity as CaCO3	49.8		mg/l	10/24/96	1461208
		I027	Carbonate Alkalinity as CaCO3	36.0		mg/l	06/19/96	1460971
	FILTERED	I027	Carbonate Alkalinity as CaCO3	< 1.00		mg/l	08/27/96	1461053
	FILTDUP 1461053	I027	Carbonate Alkalinity as CaCO3	< 1.00		mg/l	08/27/96	1461069
	FILTERED 1461098	I027	Carbonate Alkalinity as CaCO3	< 1.00		mg/l	07/31/96	1461079
	FILTDUP 1461079	I027	Carbonate Alkalinity as CaCO3	< 1.00		mg/l	07/31/96	1461085
	FILTERED	I027	Carbonate Alkalinity as CaCO3	< 2.00		mg/l	09/24/96	1461113
	FILTDUP 1461113	I027	Carbonate Alkalinity as CaCO3	< 2.00		mg/l	09/24/96	1461129
	FILTERED	I027	Carbonate Alkalinity as CaCO3	< 2.00		mg/l	10/24/96	1461208
	FILTERED	I027	Carbonate Alkalinity as CaCO3	< 2.00		mg/l	12/18/96	1461426

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TABLE 2-23
Analytical Results for Municipal Supply Wells
and Adjacent Monitoring Wells
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID		Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
BUTTERS ROW 1									
				Inorganic Non-metals					
	FILTERED		I027	Carbonate Alkalinity as CaCO3	< 2.00		mg/l	01/23/97	1461539
	FILTERED		I027	Carbonate Alkalinity as CaCO3	< 2.00		mg/l	02/25/97	1461589
	FILTERED		I027	Carbonate Alkalinity as CaCO3	< 1.00		mg/l	03/25/97	1461611
	FILTERED		I027	Carbonate Alkalinity as CaCO3	< 2.00		mg/l	04/23/97	1461652
	FILTERED		I059	Dissolved Oxygen, Field	1.2		mg/l	09/24/96	1461113
	FILTERED		I059	Dissolved Oxygen, Field	1.4		mg/l	10/24/96	1461208
	FILTERED		I059	Dissolved Oxygen, Field	1.2		mg/l	12/18/96	1461426
	FILTERED		I059	Dissolved Oxygen, Field	1.6		mg/l	01/23/97	1461539
	FILTERED		I059	Dissolved Oxygen, Field	1.5		mg/l	02/25/97	1461589
	FILTERED		I059	Dissolved Oxygen, Field	1.4		mg/l	03/25/97	1461611
	FILTERED		I059	Dissolved Oxygen, Field	1.2		mg/l	04/23/97	1461652
			I070	Bicarbonate as HCO3	37		mg/l	02/15/94	1000404
			I070	Bicarbonate as HCO3	53		mg/l	05/10/94	1000405
			I070	Bicarbonate as HCO3	32		mg/l	05/31/95	1460429
			I070	Bicarbonate as HCO3	38		mg/l	09/27/95	1460485
			I070	Bicarbonate as HCO3	71		mg/l	08/24/94	1460700
			I070	Bicarbonate as HCO3	70		mg/l	11/15/94	1460705
			I070	Bicarbonate as HCO3	40		mg/l	02/08/95	1460710
			I070	Bicarbonate as HCO3	33		mg/l	03/27/96	1460728
			I070	Bicarbonate as HCO3	37		mg/l	12/13/95	1460957
	FILTERED		I070	Bicarbonate as HCO3	55.6		mg/l	12/18/96	1461426
	FILTERED		I070	Bicarbonate as HCO3	55.0		mg/l	01/23/97	1461539
	FILTERED		I070	Bicarbonate as HCO3	41.6		mg/l	02/25/97	1461589
	FILTERED		I070	Bicarbonate as HCO3	43.2		mg/l	03/25/97	1461611
	FILTERED		I070	Bicarbonate as HCO3	34.4		mg/l	04/23/97	1461652
				Physical Properties					
	FILTERED		F002	Specific Conductance(umhos/cm @25 Deg C)	0509		umhos	02/25/97	1461589
	FILTERED		F002	Specific Conductance(umhos/cm @25 Deg C)	473		umhos	04/23/97	1461652
	FILTERED		F009	pH Laboratory	6.24		Std. Un	08/27/96	1461053
	FILTDUP	1461053	F009	pH Laboratory	6.19		Std. Un	08/27/96	1461069
	FILTERED		F009	pH Laboratory	6.08		Std. Un	10/24/96	1461208
	FILTERED		F009	pH Laboratory	7.04		Std. Un	12/18/96	1461426
	FILTERED		F009	pH Laboratory	6.26		Std. Un	01/23/97	1461539
	FILTERED		F009	pH Laboratory	6.29		Std. Un	02/25/97	1461589
	FILTERED		F009	pH Laboratory	6.38		Std. Un	03/25/97	1461611
	FILTERED		F009	pH Laboratory	6.25		Std. Un	04/23/97	1461652
	FILTERED		F010	Temperature	20.0		deg. C	10/24/96	1461208
	FILTERED		F010	Temperature	20.0		deg. C	12/18/96	1461426
	FILTERED		F010	Temperature	20.0		deg. C	01/23/97	1461539
	FILTERED		F010	Temperature	20.0		deg. C	02/25/97	1461589
	FILTERED		F010	Temperature	20.0		deg. C	03/25/97	1461611
	FILTERED		F010	Temperature	20.0		deg. C	04/23/97	1461652
	FILTERED		F037	pH Field	6.05		Std. Un	08/27/96	1461053
			F037	pH Field	5.99		Std. Un	07/31/96	1461098
	FILTERED		F037	pH Field	6.07		Std. Un	09/24/96	1461113
	FILTERED		F037	pH Field	6.08		Std. Un	10/24/96	1461208
	FILTERED		F037	pH Field	6.08		Std. Un	12/18/96	1461426
	FILTERED		F037	pH Field	5.79		Std. Un	01/23/97	1461539
	FILTERED		F037	pH Field	5.71		Std. Un	02/25/97	1461589
	FILTERED		F037	pH Field	5.73		Std. Un	03/25/97	1461611
	FILTERED		F037	pH Field	5.85		Std. Un	04/23/97	1461652
	FILTERED		F062	Specific Conductance - Field	668		umhos	08/27/96	1461053
			F062	Specific Conductance - Field	674		umhos	07/31/96	1461098
	FILTERED		F062	Specific Conductance - Field	807		umhos	09/24/96	1461113
	FILTERED		F062	Specific Conductance - Field	887		umhos	10/24/96	1461208
	FILTERED		F062	Specific Conductance - Field	839		umhos	12/18/96	1461426
	FILTERED		F062	Specific Conductance - Field	832		umhos	01/23/97	1461539

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Analytical Results for Municipal Supply Wells
and Adjacent Monitoring Wells
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
BUTTERS ROW 1								
			Physical Properties					
	FILTERED	F062	Specific Conductance - Field	661		umhos	02/25/97	1461589
	FILTERED	F062	Specific Conductance - Field	567		umhos	03/25/97	1461611
	FILTERED	F062	Specific Conductance - Field	536		umhos	04/23/97	1461652
	FILTERED	F064	Temperature - Field	13.8		deg. C	08/27/96	1461053
		F064	Temperature - Field	11.9		deg. C	07/31/96	1461098
	FILTERED	F064	Temperature - Field	10.9		deg. C	09/24/96	1461113
	FILTERED	F064	Temperature - Field	11.6		deg. C	10/24/96	1461208
	FILTERED	F064	Temperature - Field	10.7		deg. C	12/18/96	1461426
	FILTERED	F064	Temperature - Field	10.1		deg. C	01/23/97	1461539
	FILTERED	F064	Temperature - Field	7.9		deg. C	02/25/97	1461589
	FILTERED	F064	Temperature - Field	9.5		deg. C	03/25/97	1461611
	FILTERED	F064	Temperature - Field	7.1		deg. C	04/23/97	1461652
BUTTERS ROW 2								
			Metals					
		M007	Calcium	24		mg/l	02/15/94	1000412
		M007	Calcium	25		mg/l	05/10/94	1000413
		M007	Calcium	22		mg/l	05/31/95	1460433
		M007	Calcium	17		mg/l	09/27/95	1460489
		M007	Calcium	24		mg/l	08/24/94	1460701
		M007	Calcium	29		mg/l	11/15/94	1460706
		M007	Calcium	26		mg/l	02/08/95	1460711
		M007	Calcium	20		mg/l	03/27/96	1460731
		M007	Calcium	32		mg/l	12/13/95	1460958
		M007	Calcium	89		mg/l	12/05/94	1460969
		M007	Calcium	24.0		mg/l	06/19/96	14[illegible]72
		M008	Chromium	< 0.015		mg/l	10/20/93	1[illegible]
		M008	Chromium	< 0.015		mg/l	02/15/94	10[illegible].2
		M008	Chromium	< 0.015		mg/l	05/10/94	1000413
		M008	Chromium	< 0.015		mg/l	05/31/95	1460433
		M008	Chromium	< 0.015		mg/l	09/27/95	1460489
		M008	Chromium	< 0.005		mg/l	08/24/94	1460701
		M008	Chromium	< 0.015		mg/l	11/15/94	1460706
		M008	Chromium	< 0.015		mg/l	02/08/95	1460711
		M008	Chromium	< 0.015		mg/l	03/27/96	1460731
		M008	Chromium	< 0.015		mg/l	12/13/95	1460958
		M008	Chromium	< 0.030		mg/l	06/19/96	1460972
		M008	Chromium	< 0.010		mg/l	07/31/96	1461103
		M013	Magnesium	5.1		mg/l	02/15/94	1000412
		M013	Magnesium	5.3		mg/l	05/10/94	1000413
		M013	Magnesium	4.8		mg/l	05/31/95	1460433
		M013	Magnesium	3.7		mg/l	09/27/95	1460489
		M013	Magnesium	5.1		mg/l	08/24/94	1460701
		M013	Magnesium	5.6		mg/l	11/15/94	1460706
		M013	Magnesium	5.5		mg/l	02/08/95	1460711
		M013	Magnesium	4.0		mg/l	03/27/96	1460731
		M013	Magnesium	6.5		mg/l	12/13/95	1460958
		M013	Magnesium	6.3		mg/l	12/05/94	1460969
		M013	Magnesium	4.99		mg/l	06/19/96	1460972
		M017	Potassium	3.4		mg/l	12/05/94	1460969
		M020	Sodium	36		mg/l	02/15/94	1000412
		M020	Sodium	38		mg/l	05/10/94	1000413
		M020	Sodium	34		mg/l	05/31/95	1460433
		M020	Sodium	25		mg/l	09/27/95	1460489
		M020	Sodium	46		mg/l	08/24/94	1460701
		M020	Sodium	45		mg/l	11/15/94	1460706
		M020	Sodium	40		mg/l	02/08/95	1460711
		M020	Sodium	29		mg/l	03/27/96	1460731
		M020	Sodium	47		mg/l	12/13/95	1460958

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TABLE 2-23
Analytical Results for Municipal Supply Wells
and Adjacent Monitoring Wells
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
BUTTERS ROW 2								
			Metals					
		M020	Sodium	51		mg/l	12/05/94	1460969
		M020	Sodium	35.5		mg/l	06/19/96	1460972
			Metals - Dissolved					
	FILTERED	M033	Calcium, Dissolved	22.1		mg/l	08/27/96	1461065
	FILTERED 1461103	M033	Calcium, Dissolved	24.2		mg/l	07/31/96	1461084
	FILTERED	M033	Calcium, Dissolved	21.8		mg/l	09/24/96	1461123
	FILTERED	M033	Calcium, Dissolved	20.3		mg/l	10/24/96	1461211
	FILTERED	M033	Calcium, Dissolved	23.2		mg/l	11/21/96	1461336
	FILTERED	M033	Calcium, Dissolved	21.1		mg/l	12/18/96	1461427
	FILTERED	M033	Calcium, Dissolved	20.7		mg/l	01/23/97	1461540
	FILTERED	M033	Calcium, Dissolved	20.2		mg/l	02/25/97	1461590
	FILTERED	M033	Calcium, Dissolved	20.7		mg/l	03/25/97	1461612
	FILTERED	M033	Calcium, Dissolved	16.7		mg/l	04/23/97	1461653
	FILTERED	M036	Chromium, Dissolved	< 0.010		mg/l	08/27/96	1461065
	FILTERED 1461103	M036	Chromium, Dissolved	< 0.010		mg/l	07/31/96	1461084
	FILTERED	M036	Chromium, Dissolved	< 0.010		mg/l	09/24/96	1461123
	FILTERED	M036	Chromium, Dissolved	< 0.010		mg/l	10/24/96	1461211
	FILTERED	M036	Chromium, Dissolved	< 0.010		mg/l	11/21/96	1461336
	FILTERED	M036	Chromium, Dissolved	< 0.010		mg/l	12/18/96	1461427
	FILTERED	M036	Chromium, Dissolved	< 0.010		mg/l	01/23/97	1461540
	FILTERED	M036	Chromium, Dissolved	< 0.010		mg/l	02/25/97	1461590
	FILTERED	M036	Chromium, Dissolved	< 0.010		mg/l	03/25/97	1461612
	FILTERED	M036	Chromium, Dissolved	< 0.010		mg/l	04/23/97	1461653
	FILTERED	M040	Iron, Dissolved	5.39		mg/l	10/24/96	1461211
	FILTERED	M040	Iron, Dissolved	6.27		mg/l	11/21/96	1461336
	FILTERED	M040	Iron, Dissolved	5.51		mg/l	12/18/96	1461427
	FILTERED	M040	Iron, Dissolved	5.45		mg/l	01/23/97	1461540
	FILTERED	M040	Iron, Dissolved	5.25		mg/l	02/25/97	1461590
	FILTERED	M040	Iron, Dissolved	5.74		mg/l	03/25/97	1461612
	FILTERED	M040	Iron, Dissolved	5.07		mg/l	04/23/97	1461653
	FILTERED	M042	Potassium, Dissolved	< 5.0		mg/l	10/24/96	1461211
	FILTERED	M042	Potassium, Dissolved	< 5.0		mg/l	11/21/96	1461336
	FILTERED	M042	Potassium, Dissolved	< 5.0		mg/l	12/18/96	1461427
	FILTERED	M042	Potassium, Dissolved	< 5.0		mg/l	01/23/97	1461540
	FILTERED	M042	Potassium, Dissolved	2.61		mg/l	02/25/97	1461590
	FILTERED	M042	Potassium, Dissolved	< 5.0		mg/l	03/25/97	1461612
	FILTERED	M042	Potassium, Dissolved	< 5.00		mg/l	04/23/97	1461653
	FILTERED	M044	Magnesium, Dissolved	< 5.00		mg/l	08/27/96	1461065
	FILTERED 1461103	M044	Magnesium, Dissolved	5.05		mg/l	07/31/96	1461084
	FILTERED	M044	Magnesium, Dissolved	< 5.00		mg/l	09/24/96	1461123
	FILTERED	M044	Magnesium, Dissolved	< 5.00		mg/l	10/24/96	1461211
	FILTERED	M044	Magnesium, Dissolved	< 5.0		mg/l	11/21/96	1461336
	FILTERED	M044	Magnesium, Dissolved	< 5.0		mg/l	12/18/96	1461427
	FILTERED	M044	Magnesium, Dissolved	< 5.0		mg/l	01/23/97	1461540
	FILTERED	M044	Magnesium, Dissolved	4.06		mg/l	02/25/97	1461590
	FILTERED	M044	Magnesium, Dissolved	< 5.0		mg/l	03/25/97	1461612
	FILTERED	M044	Magnesium, Dissolved	< 5.00		mg/l	04/23/97	1461653
	FILTERED	M047	Sodium, Dissolved	33.5		mg/l	08/27/96	1461065
	FILTERED 1461103	M047	Sodium, Dissolved	33.7		mg/l	07/31/96	1461084
	FILTERED	M047	Sodium, Dissolved	38.2		mg/l	09/24/96	1461123
	FILTERED	M047	Sodium, Dissolved	36.8		mg/l	10/24/96	1461211
	FILTERED	M047	Sodium, Dissolved	36.8		mg/l	10/24/96	1461211
	FILTERED	M047	Sodium, Dissolved	35.3		mg/l	11/21/96	1461336
	FILTERED	M047	Sodium, Dissolved	31.4		mg/l	12/18/96	1461427
	FILTERED	M047	Sodium, Dissolved	33.1		mg/l	01/23/97	1461540
	FILTERED	M047	Sodium, Dissolved	30.3		mg/l	02/25/97	1461590
	FILTERED	M047	Sodium, Dissolved	34.7		mg/l	03/25/97	1461612
	FILTERED	M047	Sodium, Dissolved	26.0		mg/l	04/23/97	1461653
	FILTERED	M054	Aluminum, Dissolved	< 0.2		mg/l	02/25/97	1461590

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TABLE 2-23
Analytical Results for Municipal Supply Wells
and Adjacent Monitoring Wells
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
BUTTERS ROW 2								
			Inorganic Non-metals					
		1002	Total Alkalinity as CaCO3	36		mg/l	02/15/94	1000412
		1002	Total Alkalinity as CaCO3	27		mg/l	05/10/94	1000413
		1002	Total Alkalinity as CaCO3	30		mg/l	05/31/95	1460433
		1002	Total Alkalinity as CaCO3	26		mg/l	09/27/95	1460489
		1002	Total Alkalinity as CaCO3	36		mg/l	08/24/94	1460701
		1002	Total Alkalinity as CaCO3	42		mg/l	11/15/94	1460706
		1002	Total Alkalinity as CaCO3	32		mg/l	02/08/95	1460711
		1002	Total Alkalinity as CaCO3	29		mg/l	12/13/95	1460958
	FILTERED	1002	Total Alkalinity as CaCO3	39.6		mg/l	08/27/96	1461065
	FILTERED	1002	Total Alkalinity as CaCO3	50.0		mg/l	09/24/96	1461123
	FILTERED	1002	Total Alkalinity as CaCO3	37.6		mg/l	10/24/96	1461211
	FILTERED	1002	Total Alkalinity as CaCO3	42.4		mg/l	11/21/96	1461336
	FILTERED	1002	Total Alkalinity as CaCO3	38.2		mg/l	12/18/96	1461427
	FILTERED	1002	Total Alkalinity as CaCO3	36.4		mg/l	01/23/97	1461540
	FILTERED	1002	Total Alkalinity as CaCO3	31.8		mg/l	02/25/97	1461590
	FILTERED	1002	Total Alkalinity as CaCO3	36.2		mg/l	03/25/97	1461612
	FILTERED	1002	Total Alkalinity as CaCO3	38.8		mg/l	04/23/97	1461653
		1005	Chloride	51		mg/l	10/20/93	1000411
		1005	Chloride	62		mg/l	02/15/94	1000412
		1005	Chloride	64		mg/l	05/10/94	1000413
		1005	Chloride	63		mg/l	05/31/95	1460433
		1005	Chloride	39		mg/l	09/27/95	1460489
		1005	Chloride	62		mg/l	08/24/94	1460701
		1005	Chloride	76		mg/l	11/15/94	1460706
		1005	Chloride	61		mg/l	02/08/95	1460711
		1005	Chloride	45		mg/l	03/27/96	14[illegible]
		1005	Chloride	160		mg/l	12/13/95	1[illegible]
		1005	Chloride	88		mg/l	12/05/94	14[illegible]
		1005	Chloride	57.4		mg/l	06/19/96	1460972
	FILTERED	1005	Chloride	66.6		mg/l	08/27/96	1461065
	FILTERED 1461103	1005	Chloride	77.3	j	mg/l	07/31/96	1461084
	FILTERED	1005	Chloride	75.0		mg/l	09/24/96	1461123
	FILTERED	1005	Chloride	70.8		mg/l	10/24/96	1461211
	FILTERED	1005	Chloride	70.9		mg/l	11/21/96	1461336
	FILTERED	1005	Chloride	63.7	N	mg/l	12/18/96	1461427
	FILTERED	1005	Chloride	61.7		mg/l	01/23/97	1461540
	FILTERED	1005	Chloride	62.4		mg/l	02/25/97	1461590
	FILTERED	1005	Chloride	61.0		mg/l	03/25/97	1461612
	FILTERED	1005	Chloride	48.9		mg/l	04/23/97	1461653
		1009	Nitrogen, Ammonia	0.25		mg/l	10/20/93	1000411
		1009	Nitrogen, Ammonia	0.43		mg/l	02/15/94	1000412
		1009	Nitrogen, Ammonia	0.39		mg/l	05/10/94	1000413
		1009	Nitrogen, Ammonia	0.53		mg/l	05/31/95	1460433
		1009	Nitrogen, Ammonia	0.16		mg/l	09/27/95	1460489
		1009	Nitrogen, Ammonia	0.38		mg/l	08/24/94	1460701
		1009	Nitrogen, Ammonia	0.75		mg/l	11/15/94	1460706
		1009	Nitrogen, Ammonia	0.51		mg/l	02/08/95	1460711
		1009	Nitrogen, Ammonia	0.28		mg/l	03/27/96	1460731
		1009	Nitrogen, Ammonia	0.23		mg/l	12/13/95	1460958
		1009	Nitrogen, Ammonia	0.4		mg/l	12/05/94	1460969
		1009	Nitrogen, Ammonia	0.51		mg/l	06/19/96	1460972
	FILTERED	1009	Nitrogen, Ammonia	0.52		mg/l	08/27/96	1461065
	FILTERED 1461103	1009	Nitrogen, Ammonia	0.50		mg/l	07/31/96	1461084
	FILTERED	1009	Nitrogen, Ammonia	0.43		mg/l	09/24/96	1461123
	FILTERED	1009	Nitrogen, Ammonia	0.64		mg/l	11/21/96	1461336
	FILTERED	1009	Nitrogen, Ammonia	0.36		mg/l	12/18/96	1461427
	FILTERED	1009	Nitrogen, Ammonia	0.44		mg/l	01/23/97	1461540
	FILTERED	1009	Nitrogen, Ammonia	0.45		mg/l	02/25/97	1461590
	FILTERED	1009	Nitrogen, Ammonia	0.32		mg/l	03/25/97	1461612

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TABLE 2-23
Analytical Results for Municipal Supply Wells
and Adjacent Monitoring Wells
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID		Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
BUTTERS ROW 2									
				Inorganic Non-metals					
	FILTERED		1009	Nitrogen, Ammonia	0.36		mg/l	04/23/97	1461653
			1012	Nitrate as N	0.25		mg/l	02/15/94	1000412
			1012	Nitrate as N	0.30		mg/l	05/10/94	1000413
			1012	Nitrate as N	0.29		mg/l	05/31/95	1460433
			1012	Nitrate as N	0.34		mg/l	09/27/95	1460489
			1012	Nitrate as N	0.20		mg/l	08/24/94	1460701
			1012	Nitrate as N	0.19		mg/l	11/15/94	1460706
			1012	Nitrate as N	0.39		mg/l	02/08/95	1460711
			1012	Nitrate as N	0.41		mg/l	03/27/96	1460731
			1012	Nitrate as N	0.084		mg/l	12/13/95	1460958
			1012	Nitrate as N	1.1		mg/l	12/05/94	1460969
			1012	Nitrate as N	0.27		mg/l	06/19/96	1460972
			1018	Sulfate as SO4	40		mg/l	10/20/93	1000411
			1018	Sulfate as SO4	50		mg/l	02/15/94	1000412
			1018	Sulfate as SO4	55		mg/l	05/10/94	1000413
			1018	Sulfate as SO4	42		mg/l	05/31/95	1460433
			1018	Sulfate as SO4	21		mg/l	09/27/95	1460489
			1018	Sulfate as SO4	39		mg/l	08/24/94	1460701
			1018	Sulfate as SO4	63		mg/l	11/15/94	1460706
			1018	Sulfate as SO4	45		mg/l	02/08/95	1460711
			1018	Sulfate as SO4	31		mg/l	03/27/96	1460731
			1018	Sulfate as SO4	34		mg/l	12/13/95	1460958
			1018	Sulfate as SO4	82		mg/l	12/05/94	1460969
			1018	Sulfate as SO4	44		mg/l	06/19/96	1460972
	FILTERED		1018	Sulfate as SO4	44.0		mg/l	08/27/96	1461065
	FILTERED	1461103	1018	Sulfate as SO4	< 10.0	u	mg/l	07/31/96	1461084
	FILTERED		1018	Sulfate as SO4	40.7		mg/l	09/24/96	1461123
	FILTERED		1018	Sulfate as SO4	48.2		mg/l	10/24/96	1461211
	FILTERED		1018	Sulfate as SO4	49.8		mg/l	11/21/96	1461336
	FILTERED		1018	Sulfate as SO4	44.0		mg/l	12/18/96	1461427
	FILTERED		1018	Sulfate as SO4	50.6		mg/l	01/23/97	1461540
	FILTERED		1018	Sulfate as SO4	43.6		mg/l	02/25/97	1461590
	FILTERED		1018	Sulfate as SO4	45.1		mg/l	03/25/97	1461612
	FILTERED		1018	Sulfate as SO4	33.4		mg/l	04/23/97	1461653
	FILTERED		1026	Bicarbonate Alkalinity as CaCO3	39.6		mg/l	08/27/96	1461065
	FILTERED	1461103	1026	Bicarbonate Alkalinity as CaCO3	37.6		mg/l	07/31/96	1461084
	FILTERED		1026	Bicarbonate Alkalinity as CaCO3	50.0		mg/l	09/24/96	1461123
	FILTERED		1026	Bicarbonate Alkalinity as CaCO3	37.6		mg/l	10/24/96	1461211
			1027	Carbonate Alkalinity as CaCO3	28.0		mg/l	06/19/96	1460972
	FILTERED		1027	Carbonate Alkalinity as CaCO3	< 1.00		mg/l	08/27/96	1461065
	FILTERED	1461103	1027	Carbonate Alkalinity as CaCO3	< 1.00		mg/l	07/31/96	1461084
	FILTERED		1027	Carbonate Alkalinity as CaCO3	< 2.00		mg/l	09/24/96	1461123
	FILTERED		1027	Carbonate Alkalinity as CaCO3	< 2.00		mg/l	10/24/96	1461211
	FILTERED		1027	Carbonate Alkalinity as CaCO3	< 2.00		mg/l	11/21/96	1461336
	FILTERED		1027	Carbonate Alkalinity as CaCO3	< 2.00		mg/l	12/18/96	1461427
	FILTERED		1027	Carbonate Alkalinity as CaCO3	< 2.00		mg/l	01/23/97	1461540
	FILTERED		1027	Carbonate Alkalinity as CaCO3	< 2.00		mg/l	02/25/97	1461590
	FILTERED		1027	Carbonate Alkalinity as CaCO3	< 1.00		mg/l	03/25/97	1461612
	FILTERED		1027	Carbonate Alkalinity as CaCO3	< 2.00		mg/l	04/23/97	1461653
	FILTERED		1059	Dissolved Oxygen, Field	0.9		mg/l	09/24/96	1461123
	FILTERED		1059	Dissolved Oxygen, Field	2.8		umhos	10/24/96	1461211
	FILTERED		1059	Dissolved Oxygen, Field	2.4		mg/l	11/21/96	1461336
	FILTERED		1059	Dissolved Oxygen, Field	3.0		mg/l	12/18/96	1461427
	FILTERED		1059	Dissolved Oxygen, Field	2.5		mg/l	01/23/97	1461540
	FILTERED		1059	Dissolved Oxygen, Field	3.2		mg/l	02/25/97	1461590
	FILTERED		1059	Dissolved Oxygen, Field	2.8		mg/l	03/25/97	1461612
	FILTERED		1059	Dissolved Oxygen, Field	3.0		mg/l	04/23/97	1461653
			1070	Bicarbonate as HCO3	36		mg/l	02/15/94	1000412
			1070	Bicarbonate as HCO3	27		mg/l	05/10/94	1000413

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Analytical Results for Municipal Supply Wells
and Adjacent Monitoring Wells
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Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
BUTTERS ROW 2								
			Inorganic Non-metals					
		I070	Bicarbonate as HCO3	30		mg/l	05/31/95	1460433
		I070	Bicarbonate as HCO3	26		mg/l	09/27/95	1460489
		I070	Bicarbonate as HCO3	36		mg/l	08/24/94	1460701
		I070	Bicarbonate as HCO3	42		mg/l	11/15/94	1460706
		I070	Bicarbonate as HCO3	33		mg/l	02/08/95	1460711
		I070	Bicarbonate as HCO3	27		mg/l	03/27/96	1460731
		I070	Bicarbonate as HCO3	29		mg/l	12/13/95	1460958
	FILTERED	I070	Bicarbonate as HCO3	42.4		mg/l	11/21/96	1461336
	FILTERED	I070	Bicarbonate as HCO3	38.2		mg/l	12/18/96	1461427
	FILTERED	I070	Bicarbonate as HCO3	36.4		mg/l	01/23/97	1461540
	FILTERED	I070	Bicarbonate as HCO3	31.8		mg/l	02/25/97	1461590
	FILTERED	I070	Bicarbonate as HCO3	36.2		mg/l	03/25/97	1461612
	FILTERED	I070	Bicarbonate as HCO3	38.8		mg/l	04/23/97	1461653
			Physical Properties					
	FILTERED	F002	Specific Conductance(umhos/cm @25 Deg C)	380		umhos	02/25/97	1461590
	FILTERED	F002	Specific Conductance(umhos/cm @25 Deg C)	303		umhos	04/23/97	1461653
	FILTERED	F009	pH Laboratory	6.24		Std. Un	08/27/96	1461065
	FILTERED	F009	pH Laboratory	6.09		Std. Un	10/24/96	1461211
	FILTERED	F009	pH Laboratory	6.24		Std. Un	11/21/96	1461336
	FILTERED	F009	pH Laboratory	6.92		Std. Un	12/18/96	1461427
	FILTERED	F009	pH Laboratory	6.17		Std. Un	01/23/97	1461540
	FILTERED	F009	pH Laboratory	6.37		Std. Un	02/25/97	1461590
	FILTERED	F009	pH Laboratory	6.34		Std. Un	03/25/97	1461612
	FILTERED	F009	pH Laboratory	6.42		Std. Un	04/23/97	1[illegible]3
	FILTERED	F010	Temperature	20.0		deg. C	10/24/96	1[illegible]1
	FILTERED	F010	Temperature	20.0		deg. C	11/21/96	14[illegible]36
	FILTERED	F010	Temperature	20.0		deg. C	12/18/96	1461427
	FILTERED	F010	Temperature	20.0		deg. C	01/23/97	1461540
	FILTERED	F010	Temperature	20.0		deg. C	02/25/97	1461590
	FILTERED	F010	Temperature	20.0		deg. C	03/25/97	1461612
	FILTERED	F010	Temperature	20.0		deg. C	04/23/97	1461653
	FILTERED	F037	pH Field	6.08		Std. Un	08/27/96	1461065
		F037	pH Field	6.03		Std. Un	07/31/96	1461103
	FILTERED	F037	pH Field	6.01		Std. Un	09/24/96	1461123
	FILTERED	F037	pH Field	6.02		Std. Un	10/24/96	1461211
	FILTERED	F037	pH Field	5.72		Std. Un	11/21/96	1461336
	FILTERED	F037	pH Field	5.84		Std. Un	12/18/96	1461427
	FILTERED	F037	pH Field	5.93		Std. Un	01/23/97	1461540
	FILTERED	F037	pH Field	5.53		Std. Un	02/25/97	1461590
	FILTERED	F037	pH Field	5.72		Std. Un	03/25/97	1461612
	FILTERED	F037	pH Field	5.74		Std. Un	04/23/97	1461653
	FILTERED	F062	Specific Conductance - Field	546		umhos	08/27/96	1461065
		F062	Specific Conductance - Field	458		umhos	07/31/96	1461103
	FILTERED	F062	Specific Conductance - Field	1690		umhos	09/24/96	1461123
	FILTERED	F062	Specific Conductance - Field	436		umhos	10/24/96	1461211
	FILTERED	F062	Specific Conductance - Field	426		umhos	11/21/96	1461336
	FILTERED	F062	Specific Conductance - Field	392		umhos	12/18/96	1461427
	FILTERED	F062	Specific Conductance - Field	393		umhos	01/23/97	1461540
	FILTERED	F062	Specific Conductance - Field	378		umhos	02/25/97	1461590
	FILTERED	F062	Specific Conductance - Field	378		umhos	03/25/97	1461612
	FILTERED	F062	Specific Conductance - Field	343		umhos	04/23/97	1461653
	FILTERED	F064	Temperature - Field	10.8		deg. C	08/27/96	1461065
		F064	Temperature - Field	9.8		deg. C	07/31/96	1461103
	FILTERED	F064	Temperature - Field	10.0		deg. C	09/24/96	1461123
	FILTERED	F064	Temperature - Field	11.3		deg. C	10/24/96	1461211
	FILTERED	F064	Temperature - Field	10.5		deg. C	11/21/96	1461336
	FILTERED	F064	Temperature - Field	10.4		deg. C	12/18/96	1461427

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Analytical Results for Municipal Supply Wells
and Adjacent Monitoring Wells
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
BUTTERS ROW 2								
			Physical Properties					
	FILTERED	F064	Temperature - Field	10.2		deg. C	01/23/97	1461540
	FILTERED	F064	Temperature - Field	9.8		deg. C	02/25/97	1461590
	FILTERED	F064	Temperature - Field	10.3		deg. C	03/25/97	1461612
	FILTERED	F064	Temperature - Field	9.4		deg. C	04/23/97	1461653
BUTTERS ROW TRTMNT P								
			Volatile Organics					
		V003	Benzene	< 5.0		ug/l	04/23/97	1461642
		V005	Bromoform	< 5.0		ug/l	04/23/97	1461642
		V006	Carbon Tetrachloride	< 5.0		ug/l	04/23/97	1461642
		V007	Chlorobenzene	< 5.0		ug/l	04/23/97	1461642
		V008	Dibromochloromethane	< 5.0		ug/l	04/23/97	1461642
		V009	Bromodichloromethane	< 5.0		ug/l	04/23/97	1461642
		V010	Chloroethane	< 10		ug/l	04/23/97	1461642
		V012	Chloroform	< 5.0		ug/l	04/23/97	1461642
		V015	1,1-Dichloroethane	< 5.0		ug/l	04/23/97	1461642
		V016	1,2-Dichloroethane	< 5.0		ug/l	04/23/97	1461642
		V017	1,1-Dichloroethene	< 5.0		ug/l	04/23/97	1461642
		V018	1,2-Dichloropropane	< 5.0		ug/l	04/23/97	1461642
		V019	cis-1,3-Dichloropropene	< 5.0		ug/l	04/23/97	1461642
		V020	Trans-1,3-Dichloropropene	< 5.0		ug/l	04/23/97	1461642
		V021	Ethylbenzene	< 5.0		ug/l	04/23/97	1461642
		V022	Bromomethane(MethylBromide)	< 10		ug/l	04/23/97	1461642
		V023	Chloromethane(MethylChloride)	< 10		ug/l	04/23/97	1461642
		V024	Methylene Chloride	< 5.0		ug/l	04/23/97	1461642
		V025	1,1,2,2-Tetrachloroethane	< 5.0		ug/l	04/23/97	1461642
		V026	Tetrachloroethene (PCE)	< 5.0		ug/l	04/23/97	1461642
		V027	Toluene	< 5.0		ug/l	04/23/97	1461642
		V029	1,1,1-Trichloroethane	< 5.0		ug/l	04/23/97	1461642
		V030	1,1,2-Trichloroethane	< 5.0		ug/l	04/23/97	1461642
		V031	Trichloroethene (TCE)	< 5.0		ug/l	04/23/97	1461642
		V033	Styrene	< 5.0		ug/l	04/23/97	1461642
		V034	Vinyl Chloride	< 10		ug/l	04/23/97	1461642
		V039	Xylenes, Total	< 5.0		ug/l	04/23/97	1461642
		V040	Acetone	< 10		ug/l	04/23/97	1461642
		V041	2-Butanone (MEK)	< 10		ug/l	04/23/97	1461642
		V042	Carbon Disulfide	< 5.0		ug/l	04/23/97	1461642
		V043	2-Hexanone	< 10		ug/l	04/23/97	1461642
		V044	4-Methyl-2-Pentanone (MIBK)	< 10		ug/l	04/23/97	1461642
		V045	Vinyl Acetate	< 10		ug/l	04/23/97	1461642
		V075	1,2-Dichloroethene(total)	< 5.0		ug/l	04/23/97	1461642
			Metals					
		M011	Iron	< 0.10		mg/l	04/23/97	1461642
		M014	Manganese	0.034		mg/l	04/23/97	1461642
			Inorganic Non-metals					
		I005	Chloride	78.4		mg/l	04/23/97	1461642
		I009	Nitrogen, Ammonia	1.85		mg/l	04/23/97	1461642
		I018	Sulfate as SO4	79.5		mg/l	04/23/97	1461642
			Physical Properties					
		F007	Total Dissolved Solids (TDS)	268		mg/l	04/23/97	1461642
		F037	pH Field	6.70		Std. Un	04/23/97	1461642
		F064	Temperature - Field	9.5		deg. C	04/23/97	1461642
CHESTNUT ST 1								
			Metals					
		M007	Calcium	30		mg/l	02/15/94	1000424
		M007	Calcium	21		mg/l	05/10/94	1000425
		M007	Calcium	19		mg/l	05/31/95	1460431
		M007	Calcium	57		mg/l	09/27/95	1460487

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Analytical Results for Municipal Supply Wells
and Adjacent Monitoring Wells
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
CHESTNUT ST 1								
			Metals					
		M007	Calcium	47		mg/l	08/24/94	1460702
		M007	Calcium	34		mg/l	11/15/94	1460707
		M007	Calcium	25		mg/l	02/08/95	1460712
		M007	Calcium	25		mg/l	03/27/96	1460729
		M007	Calcium	34		mg/l	12/13/95	1460959
		M007	Calcium	90		mg/l	12/05/94	1460970
		M007	Calcium	22.0		mg/l	06/19/96	1460974
		M008	Chromium	< 0.015		mg/l	10/20/93	1000423
		M008	Chromium	< 0.015		mg/l	02/15/94	1000424
		M008	Chromium	< 0.015		mg/l	05/10/94	1000425
		M008	Chromium	< 0.015		mg/l	05/31/95	1460431
		M008	Chromium	< 0.015		mg/l	09/27/95	1460487
		M008	Chromium	< 0.005		mg/l	08/24/94	1460702
		M008	Chromium	< 0.015		mg/l	11/15/94	1460707
		M008	Chromium	< 0.015		mg/l	02/08/95	1460712
		M008	Chromium	< 0.015		mg/l	03/27/96	1460729
		M008	Chromium	< 0.015		mg/l	12/13/95	1460959
		M008	Chromium	< 0.030		mg/l	06/19/96	1460974
		M008	Chromium	< 0.010		mg/l	07/31/96	1461095
		M013	Magnesium	7.3		mg/l	02/15/94	1000424
		M013	Magnesium	5.2		mg/l	05/10/94	1000425
		M013	Magnesium	4.6		mg/l	05/31/95	1460431
		M013	Magnesium	13		mg/l	09/27/95	1460487
		M013	Magnesium	10		mg/l	08/24/94	1460702
		M013	Magnesium	7.1		mg/l	11/15/94	1460707
		M013	Magnesium	5.8		mg/l	02/08/95	14[illegible]2
		M013	Magnesium	5.7		mg/l	03/27/96	1[illegible]
		M013	Magnesium	7.7		mg/l	12/13/95	14[illegible]9
		M013	Magnesium	8.6		mg/l	12/05/94	1460970
		M013	Magnesium	4.95		mg/l	06/19/96	1460974
		M017	Potassium	3.6		mg/l	12/05/94	1460970
		M020	Sodium	53		mg/l	02/15/94	1000424
		M020	Sodium	43		mg/l	05/10/94	1000425
		M020	Sodium	44		mg/l	05/31/95	1460431
		M020	Sodium	71		mg/l	09/27/95	1460487
		M020	Sodium	82		mg/l	08/24/94	1460702
		M020	Sodium	57		mg/l	11/15/94	1460707
		M020	Sodium	48		mg/l	02/08/95	1460712
		M020	Sodium	55		mg/l	03/27/96	1460729
		M020	Sodium	54		mg/l	12/13/95	1460959
		M020	Sodium	62		mg/l	12/05/94	1460970
		M020	Sodium	55.3		mg/l	06/19/96	1460974
			Metals - Dissolved					
	FILTERED	M033	Calcium, Dissolved	31.8		mg/l	08/27/96	1461059
	FILTERED 1461095	M033	Calcium, Dissolved	29.9		mg/l	07/31/96	1461076
	FILTERED	M033	Calcium, Dissolved	37.6		mg/l	09/24/96	1461119
	FILTERED	M033	Calcium, Dissolved	25.2		mg/l	10/24/96	1461212
	FILTERED	M033	Calcium, Dissolved	26.4		mg/l	12/18/96	1461428
	FILTERED	M033	Calcium, Dissolved	26.9		mg/l	01/23/97	1461541
	FILTERED	M033	Calcium, Dissolved	27.3		mg/l	02/25/97	1461591
	FILTERED	M033	Calcium, Dissolved	20.0		mg/l	04/23/97	1461654
	FILTERED	M036	Chromium, Dissolved	< 0.010		mg/l	08/27/96	1461059
	FILTERED 1461095	M036	Chromium, Dissolved	< 0.010		mg/l	07/31/96	1461076
	FILTERED	M036	Chromium, Dissolved	< 0.010		mg/l	09/24/96	1461119
	FILTERED	M036	Chromium, Dissolved	< 0.010		mg/l	10/24/96	1461212
	FILTERED	M036	Chromium, Dissolved	< 0.010		mg/l	12/18/96	1461428
	FILTERED	M036	Chromium, Dissolved	< 0.010		mg/l	01/23/97	1461541
	FILTERED	M036	Chromium, Dissolved	< 0.010		mg/l	02/25/97	1461591
	FILTERED	M036	Chromium, Dissolved	< 0.010		mg/l	04/23/97	1461654

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Analytical Results for Municipal Supply Wells
and Adjacent Monitoring Wells
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
CHESTNUT ST 1								
			Metals - Dissolved					
	FILTERED	M040	Iron, Dissolved	1.12		mg/l	10/24/96	1461212
	FILTERED	M040	Iron, Dissolved	1.28		mg/l	12/18/96	1461428
	FILTERED	M040	Iron, Dissolved	1.16		mg/l	01/23/97	1461541
	FILTERED	M040	Iron, Dissolved	1.06		mg/l	02/25/97	1461591
	FILTERED	M040	Iron, Dissolved	1.92		mg/l	04/23/97	1461654
	FILTERED	M042	Potassium, Dissolved	< 5.0		mg/l	10/24/96	1461212
	FILTERED	M042	Potassium, Dissolved	< 5.0		mg/l	12/18/96	1461428
	FILTERED	M042	Potassium, Dissolved	< 5.0		mg/l	01/23/97	1461541
	FILTERED	M042	Potassium, Dissolved	3.33		mg/l	02/25/97	1461591
	FILTERED	M042	Potassium, Dissolved	< 5.00		mg/l	04/23/97	1461654
	FILTERED	M044	Magnesium, Dissolved	6.92		mg/l	08/27/96	1461059
	FILTERED 1461095	M044	Magnesium, Dissolved	6.6		mg/l	07/31/96	1461076
	FILTERED	M044	Magnesium, Dissolved	8.10		mg/l	09/24/96	1461119
	FILTERED	M044	Magnesium, Dissolved	5.6		mg/l	10/24/96	1461212
	FILTERED	M044	Magnesium, Dissolved	5.66		mg/l	12/18/96	1461428
	FILTERED	M044	Magnesium, Dissolved	5.67		mg/l	01/23/97	1461541
	FILTERED	M044	Magnesium, Dissolved	5.81		mg/l	02/25/97	1461591
	FILTERED	M044	Magnesium, Dissolved	< 5.00		mg/l	04/23/97	1461654
	FILTERED	M047	Sodium, Dissolved	61.8		mg/l	08/27/96	1461059
	FILTERED 1461095	M047	Sodium, Dissolved	52.7		mg/l	07/31/96	1461076
	FILTERED	M047	Sodium, Dissolved	72.4		mg/l	09/24/96	1461119
	FILTERED	M047	Sodium, Dissolved	64.2		mg/l	10/24/96	1461212
	FILTERED	M047	Sodium, Dissolved	46.4		mg/l	12/18/96	1461428
	FILTERED	M047	Sodium, Dissolved	49.8		mg/l	01/23/97	1461541
	FILTERED	M047	Sodium, Dissolved	45.4		mg/l	02/25/97	1461591
	FILTERED	M047	Sodium, Dissolved	41.0		mg/l	04/23/97	1461654
	FILTERED	M054	Aluminum, Dissolved	0.02		mg/l	02/25/97	1461591
			Inorganic Non-metals					
		I002	Total Alkalinity as CaCO3	37		mg/l	02/15/94	1000424
		I002	Total Alkalinity as CaCO3	39		mg/l	05/10/94	1000425
		I002	Total Alkalinity as CaCO3	29		mg/l	05/31/95	1460431
		I002	Total Alkalinity as CaCO3	88		mg/l	09/27/95	1460487
		I002	Total Alkalinity as CaCO3	77		mg/l	08/24/94	1460702
		I002	Total Alkalinity as CaCO3	58		mg/l	11/15/94	1460707
		I002	Total Alkalinity as CaCO3	37		mg/l	02/08/95	1460712
		I002	Total Alkalinity as CaCO3	27		mg/l	03/27/96	1460729
		I002	Total Alkalinity as CaCO3	36		mg/l	12/13/95	1460959
	FILTERED	I002	Total Alkalinity as CaCO3	54.0		mg/l	08/27/96	1461059
	FILTERED	I002	Total Alkalinity as CaCO3	70.6		mg/l	09/24/96	1461119
	FILTERED	I002	Total Alkalinity as CaCO3	44.8		mg/l	10/24/96	1461212
	FILTERED	I002	Total Alkalinity as CaCO3	62.6		mg/l	12/18/96	1461428
	FILTERED	I002	Total Alkalinity as CaCO3	60.6		mg/l	01/23/97	1461541
	FILTERED	I002	Total Alkalinity as CaCO3	55.6		mg/l	02/25/97	1461591
	FILTERED	I002	Total Alkalinity as CaCO3	31.4		mg/l	04/23/97	1461654
		I005	Chloride	99		mg/l	10/20/93	1000423
		I005	Chloride	81		mg/l	02/15/94	1000424
		I005	Chloride	79		mg/l	05/10/94	1000425
		I005	Chloride	80		mg/l	05/31/95	1460431
		I005	Chloride	95		mg/l	09/27/95	1460487
		I005	Chloride	100		mg/l	08/24/94	1460702
		I005	Chloride	98		mg/l	11/15/94	1460707
		I005	Chloride	67		mg/l	02/08/95	1460712
		I005	Chloride	89		mg/l	03/27/96	1460729
		I005	Chloride	73		mg/l	12/13/95	1460959
		I005	Chloride	106		mg/l	12/05/94	1460970
	FILTERED	I005	Chloride	126		mg/l	08/27/96	1461059
	FILTERED 1461095	I005	Chloride	113	j	mg/l	07/31/96	1461076
	FILTERED	I005	Chloride	116		mg/l	09/24/96	1461119
	FILTERED	I005	Chloride	115		mg/l	10/24/96	1461212

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TABLE 2-23
Analytical Results for Municipal Supply Wells
and Adjacent Monitoring Wells
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
CHESTNUT ST 1								
			Inorganic Non-metals					
	FILTERED	I005	Chloride	96.4	N	mg/l	12/18/96	1461428
	FILTERED	I005	Chloride	94.6		mg/l	01/23/97	1461541
	FILTERED	I005	Chloride	101		mg/l	02/25/97	1461591
	FILTERED	I005	Chloride	86.0		mg/l	04/23/97	1461654
		I009	Nitrogen, Ammonia	1.6		mg/l	10/20/93	1000423
		I009	Nitrogen, Ammonia	1.2		mg/l	02/15/94	1000424
		I009	Nitrogen, Ammonia	0.9		mg/l	05/10/94	1000425
		I009	Nitrogen, Ammonia	1.4		mg/l	05/31/95	1460431
		I009	Nitrogen, Ammonia	4.2		mg/l	09/27/95	1460487
		I009	Nitrogen, Ammonia	1.4		mg/l	08/24/94	1460702
		I009	Nitrogen, Ammonia	1.7		mg/l	11/15/94	1460707
		I009	Nitrogen, Ammonia	1.40		mg/l	02/08/95	1460712
		I009	Nitrogen, Ammonia	1.7		mg/l	03/27/96	1460729
		I009	Nitrogen, Ammonia	2.1		mg/l	12/13/95	1460959
		I009	Nitrogen, Ammonia	0.7		mg/l	12/05/94	1460970
		I009	Nitrogen, Ammonia	1.26		mg/l	06/19/96	1460974
	FILTERED	I009	Nitrogen, Ammonia	1.64		mg/l	08/27/96	1461059
	FILTERED 1461095	I009	Nitrogen, Ammonia	1.31		mg/l	07/31/96	1461076
	FILTERED	I009	Nitrogen, Ammonia	1.76		mg/l	09/24/96	1461119
	FILTERED	I009	Nitrogen, Ammonia	1.83		mg/l	10/24/96	1461212
	FILTERED	I009	Nitrogen, Ammonia	1.33		mg/l	12/18/96	1461428
	FILTERED	I009	Nitrogen, Ammonia	1.49		mg/l	01/23/97	1461541
	FILTERED	I009	Nitrogen, Ammonia	1.71		mg/l	02/25/97	1461591
	FILTERED	I009	Nitrogen, Ammonia	1.41		mg/l	04/23/97	1461654
		I012	Nitrate as N	0.09		mg/l	02/15/94	1000424
		I012	Nitrate as N	< 0.05		mg/l	05/10/94	1000425
		I012	Nitrate as N	< 0.05		mg/l	05/31/95	1[illegible]
		I012	Nitrate as N	< 0.05		mg/l	09/27/95	1[illegible]
		I012	Nitrate as N	< 0.05		mg/l	08/24/94	1460702
		I012	Nitrate as N	< 0.05		mg/l	11/15/94	1460707
		I012	Nitrate as N	< 0.05		mg/l	02/08/95	1460712
		I012	Nitrate as N	0.18		mg/l	03/27/96	1460729
		I012	Nitrate as N	0.25		mg/l	12/13/95	1460959
		I012	Nitrate as N	0.6		mg/l	12/05/94	1460970
		I012	Nitrate as N	< 0.20		mg/l	06/19/96	1460974
		I018	Sulfate as SO4	110		mg/l	10/20/93	1000423
		I018	Sulfate as SO4	69		mg/l	02/15/94	1000424
		I018	Sulfate as SO4	50		mg/l	05/10/94	1000425
		I018	Sulfate as SO4	28		mg/l	05/31/95	1460431
		I018	Sulfate as SO4	150		mg/l	09/27/95	1460487
		I018	Sulfate as SO4	72		mg/l	08/24/94	1460702
		I018	Sulfate as SO4	68		mg/l	11/15/94	1460707
		I018	Sulfate as SO4	43		mg/l	02/08/95	1460712
		I018	Sulfate as SO4	61		mg/l	03/27/96	1460729
		I018	Sulfate as SO4	84		mg/l	12/13/95	1460959
		I018	Sulfate as SO4	81		mg/l	12/05/94	1460970
		I018	Sulfate as SO4	41		mg/l	06/19/96	1460974
	FILTERED	I018	Sulfate as SO4	61.7		mg/l	08/27/96	1461059
	FILTERED 1461095	I018	Sulfate as SO4	58.4		mg/l	07/31/96	1461076
	FILTERED	I018	Sulfate as SO4	104		mg/l	09/24/96	1461119
	FILTERED	I018	Sulfate as SO4	70.0		mg/l	10/24/96	1461212
	FILTERED	I018	Sulfate as SO4	52.7		mg/l	12/18/96	1461428
	FILTERED	I018	Sulfate as SO4	62.1		mg/l	01/23/97	1461541
	FILTERED	I018	Sulfate as SO4	51		mg/l	02/25/97	1461591
	FILTERED	I018	Sulfate as SO4	46.2		mg/l	04/23/97	1461654
	FILTERED	I026	Bicarbonate Alkalinity as CaCO3	54.0		mg/l	08/27/96	1461059
	FILTERED 1461095	I026	Bicarbonate Alkalinity as CaCO3	50.2		mg/l	07/31/96	1461076
	FILTERED	I026	Bicarbonate Alkalinity as CaCO3	70.6		mg/l	09/24/96	1461119
	FILTERED	I026	Bicarbonate Alkalinity as CaCO3	44.8		mg/l	10/24/96	1461212

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Analytical Results for Municipal Supply Wells
and Adjacent Monitoring Wells
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
CHESTNUT ST 1								
			Inorganic Non-metals					
		I027	Carbonate Alkalinity as CaCO3	36.0		mg/l	06/19/96	1460974
	FILTERED	I027	Carbonate Alkalinity as CaCO3	< 1.00		mg/l	08/27/96	1461059
	FILTERED 1461095	I027	Carbonate Alkalinity as CaCO3	< 1.00		mg/l	07/31/96	1461076
	FILTERED	I027	Carbonate Alkalinity as CaCO3	< 2.00		mg/l	09/24/96	1461119
	FILTERED	I027	Carbonate Alkalinity as CaCO3	< 2.00		mg/l	10/24/96	1461212
	FILTERED	I027	Carbonate Alkalinity as CaCO3	< 2.00		mg/l	12/18/96	1461428
	FILTERED	I027	Carbonate Alkalinity as CaCO3	< 2.00		mg/l	01/23/97	1461541
	FILTERED	I027	Carbonate Alkalinity as CaCO3	< 2.00		mg/l	02/25/97	1461591
	FILTERED	I027	Carbonate Alkalinity as CaCO3	< 2.00		mg/l	04/23/97	1461654
	FILTERED	I059	Dissolved Oxygen, Field	1.4		mg/l	09/24/96	1461119
	FILTERED	I059	Dissolved Oxygen, Field	1.2		mg/l	10/24/96	1461212
	FILTERED	I059	Dissolved Oxygen, Field	2.3		mg/l	12/18/96	1461428
	FILTERED	I059	Dissolved Oxygen, Field	1.1		mg/l	01/23/97	1461541
	FILTERED	I059	Dissolved Oxygen, Field	1.1		mg/l	02/25/97	1461591
	FILTERED	I059	Dissolved Oxygen, Field	1.7		mg/l	04/23/97	1461654
		I070	Bicarbonate as HCO3	37		mg/l	02/15/94	1000424
		I070	Bicarbonate as HCO3	39		mg/l	05/10/94	1000425
		I070	Bicarbonate as HCO3	29		mg/l	05/31/95	1460431
		I070	Bicarbonate as HCO3	80		mg/l	09/27/95	1460487
		I070	Bicarbonate as HCO3	77		mg/l	08/24/94	1460702
		I070	Bicarbonate as HCO3	58		mg/l	11/15/94	1460707
		I070	Bicarbonate as HCO3	37		mg/l	02/08/95	1460712
		I070	Bicarbonate as HCO3	27		mg/l	03/27/96	1460729
		I070	Bicarbonate as HCO3	36		mg/l	12/13/95	1460959
	FILTERED	I070	Bicarbonate as HCO3	62.6		mg/l	12/18/96	1461428
	FILTERED	I070	Bicarbonate as HCO3	60.6		mg/l	01/23/97	1461541
	FILTERED	I070	Bicarbonate as HCO3	55.6		mg/l	02/25/97	1461591
	FILTERED	I070	Bicarbonate as HCO3	31.4		mg/l	04/23/97	1461654
			Physical Properties					
	FILTERED	F002	Specific Conductance(umhos/cm @25 Deg C)	545		umhos	02/25/97	1461591
	FILTERED	F002	Specific Conductance(umhos/cm @25 Deg C)	446		umhos	04/23/97	1461654
	FILTERED	F009	pH Laboratory	6.37		Std. Un	08/27/96	1461059
	FILTERED	F009	pH Laboratory	6.18		Std. Un	10/24/96	1461212
	FILTERED	F009	pH Laboratory	6.91		Std. Un	12/18/96	1461428
	FILTERED	F009	pH Laboratory	6.32		Std. Un	01/23/97	1461541
	FILTERED	F009	pH Laboratory	6.31		Std. Un	02/25/97	1461591
	FILTERED	F009	pH Laboratory	6.29		Std. Un	04/23/97	1461654
	FILTERED	F010	Temperature	20.0		deg. C	10/24/96	1461212
	FILTERED	F010	Temperature	20.0		deg. C	12/18/96	1461428
	FILTERED	F010	Temperature	20.0		deg. C	01/23/97	1461541
	FILTERED	F010	Temperature	20.0		deg. C	02/25/97	1461591
	FILTERED	F010	Temperature	20.0		deg. C	04/23/97	1461654
	FILTERED	F037	pH Field	6.18		Std. Un	08/27/96	1461059
		F037	pH Field	6.01		Std. Un	07/31/96	1461095
	FILTERED	F037	pH Field	6.17		Std. Un	09/24/96	1461119
	FILTERED	F037	pH Field	6.02		Std. Un	10/24/96	1461212
	FILTERED	F037	pH Field	6.13		Std. Un	12/18/96	1461428
	FILTERED	F037	pH Field	5.98		Std. Un	01/23/97	1461541
	FILTERED	F037	pH Field	5.72		Std. Un	02/25/97	1461591
	FILTERED	F037	pH Field	5.85		Std. Un	04/23/97	1461654
	FILTERED	F062	Specific Conductance - Field	639		umhos	08/27/96	1461059
		F062	Specific Conductance - Field	621		umhos	07/31/96	1461095
	FILTERED	F062	Specific Conductance - Field	704		umhos	09/24/96	1461119
	FILTERED	F062	Specific Conductance - Field	639		umhos	10/24/96	1461212
	FILTERED	F062	Specific Conductance - Field	528		umhos	12/18/96	1461428
	FILTERED	F062	Specific Conductance - Field	523		umhos	01/23/97	1461541
	FILTERED	F062	Specific Conductance - Field	548		umhos	02/25/97	1461591

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Analytical Results for Municipal Supply Wells
and Adjacent Monitoring Wells
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
CHESTNUT ST 1								
			Physical Properties					
	FILTERED	F062	Specific Conductance - Field	481		umhos	04/23/97	1461654
	FILTERED	F064	Temperature - Field	14.0		deg. C	08/27/96	1461059
		F064	Temperature - Field	13.0		deg. C	07/31/96	1461095
	FILTERED	F064	Temperature - Field	12.8		deg. C	09/24/96	1461119
	FILTERED	F064	Temperature - Field	13.6		deg. C	10/24/96	1461212
	FILTERED	F064	Temperature - Field	10.8		deg. C	12/18/96	1461428
	FILTERED	F064	Temperature - Field	8.9		deg. C	01/23/97	1461541
	FILTERED	F064	Temperature - Field	7.5		deg. C	02/25/97	1461591
	FILTERED	F064	Temperature - Field	6.4		deg. C	04/23/97	1461654
CHESTNUT ST 2/1A								
			Metals					
		M007	Calcium	15		mg/l	02/15/94	1000429
		M007	Calcium	11		mg/l	05/10/94	1000430
		M007	Calcium	13		mg/l	05/31/95	1460432
		M007	Calcium	18		mg/l	09/27/95	1460488
		M007	Calcium	18		mg/l	09/27/95	1460488
		M007	Calcium	19		mg/l	08/24/94	1460703
		M007	Calcium	18		mg/l	11/15/94	1460708
		M007	Calcium	16		mg/l	02/08/95	1460713
		M007	Calcium	17		mg/l	03/27/96	1460730
		M007	Calcium	14		mg/l	12/13/95	1460956
		M007	Calcium	80		mg/l	12/05/94	1460966
		M007	Calcium	11.0		mg/l	06/19/96	1460973
		M008	Chromium	< 0.015		mg/l	10/20/93	1000428
		M008	Chromium	< 0.015		mg/l	05/10/94	1[illegible]30
		M008	Chromium	< 0.015		mg/l	05/31/95	1[illegible]2
		M008	Chromium	< 0.005		mg/l	08/24/94	1[illegible]3
		M008	Chromium	< 0.015		mg/l	11/15/94	1460708
		M008	Chromium	< 0.015		mg/l	02/08/95	1460713
		M008	Chromium	< 0.015		mg/l	03/27/96	1460730
		M008	Chromium	< 0.015		mg/l	12/13/95	1460956
		M008	Chromium	< 0.030		mg/l	06/19/96	1460973
		M008	Chromium	< 0.010		mg/l	07/31/96	1461094
		M013	Magnesium	3.7		mg/l	02/15/94	1000429
		M013	Magnesium	2.8		mg/l	05/10/94	1000430
		M013	Magnesium	3.4		mg/l	05/31/95	1460432
		M013	Magnesium	4.5		mg/l	08/24/94	1460703
		M013	Magnesium	4.0		mg/l	11/15/94	1460708
		M013	Magnesium	3.9		mg/l	02/08/95	1460713
		M013	Magnesium	3.9		mg/l	03/27/96	1460730
		M013	Magnesium	3.9		mg/l	03/27/96	1460730
		M013	Magnesium	3.1		mg/l	12/13/95	1460956
		M013	Magnesium	2.75		mg/l	06/19/96	1460973
		M013	Magnesium	2.75		mg/l	06/19/96	1460973
		M017	Potassium	2.4		mg/l	12/05/94	1460966
		M020	Sodium	30		mg/l	02/15/94	1000429
		M020	Sodium	24		mg/l	05/10/94	1000430
		M020	Sodium	28		mg/l	05/31/95	1460432
		M020	Sodium	34		mg/l	09/27/95	1460488
		M020	Sodium	42		mg/l	08/24/94	1460703
		M020	Sodium	35		mg/l	11/15/94	1460708
		M020	Sodium	32		mg/l	02/08/95	1460713
		M020	Sodium	32		mg/l	03/27/96	1460730
		M020	Sodium	31		mg/l	12/13/95	1460956
		M020	Sodium	39		mg/l	12/05/94	1460966
		M020	Sodium	24		mg/l	06/19/96	1460973
			Metals - Dissolved					
	FILTERED	M033	Calcium, Dissolved	18.1		mg/l	08/27/96	1461060

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TABLE 2-23
Analytical Results for Municipal Supply Wells
and Adjacent Monitoring Wells
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
CHESTNUT ST 2/1A								
			Metals - Dissolved					
	FILTERED 1461094	M033	Calcium, Dissolved	17.4		mg/l	07/31/96	1461075
	FILTERED	M033	Calcium, Dissolved	18.1		mg/l	09/24/96	1461120
	FILTERED	M033	Calcium, Dissolved	16.5		mg/l	11/21/96	1461337
	FILTERED	M033	Calcium, Dissolved	14.2		mg/l	12/18/96	1461429
	FILTERED	M033	Calcium, Dissolved	13.5		mg/l	01/23/97	1461542
	FILTERED	M033	Calcium, Dissolved	13.6		mg/l	02/25/97	1461592
	FILTERED	M033	Calcium, Dissolved	14.9		mg/l	03/25/97	1461613
	FILTERED	M033	Calcium, Dissolved	12.0		mg/l	04/23/97	1461655
	FILTERED	M036	Chromium, Dissolved	< 0.010		mg/l	08/27/96	1461060
	FILTERED 1461094	M036	Chromium, Dissolved	< 0.010		mg/l	07/31/96	1461075
	FILTERED	M036	Chromium, Dissolved	< 0.010		mg/l	09/24/96	1461120
	FILTERED	M036	Chromium, Dissolved	< 0.010		mg/l	11/21/96	1461337
	FILTERED	M036	Chromium, Dissolved	< 0.010		mg/l	12/18/96	1461429
	FILTERED	M036	Chromium, Dissolved	< 0.010		mg/l	01/23/97	1461542
	FILTERED	M036	Chromium, Dissolved	< 0.010		mg/l	02/25/97	1461592
	FILTERED	M036	Chromium, Dissolved	< 0.010		mg/l	03/25/97	1461613
	FILTERED	M036	Chromium, Dissolved	< 0.010		mg/l	04/23/97	1461655
	FILTERED	M040	Iron, Dissolved	1.34		mg/l	11/21/96	1461337
	FILTERED	M040	Iron, Dissolved	0.991		mg/l	12/18/96	1461429
	FILTERED	M040	Iron, Dissolved	0.857		mg/l	01/23/97	1461542
	FILTERED	M040	Iron, Dissolved	0.861		mg/l	02/25/97	1461592
	FILTERED	M040	Iron, Dissolved	0.958		mg/l	03/25/97	1461613
	FILTERED	M040	Iron, Dissolved	1.52		mg/l	04/23/97	1461655
	FILTERED	M042	Potassium, Dissolved	< 5.0		mg/l	11/21/96	1461337
	FILTERED	M042	Potassium, Dissolved	< 5.0		mg/l	12/18/96	1461429
	FILTERED	M042	Potassium, Dissolved	< 5.0		mg/l	01/23/97	1461542
	FILTERED	M042	Potassium, Dissolved	1.76		mg/l	02/25/97	1461592
	FILTERED	M042	Potassium, Dissolved	< 5.0		mg/l	03/25/97	1461613
	FILTERED	M042	Potassium, Dissolved	< 5.00		mg/l	04/23/97	1461655
	FILTERED	M044	Magnesium, Dissolved	< 5.00		mg/l	08/27/96	1461060
	FILTERED 1461094	M044	Magnesium, Dissolved	< 5.00		mg/l	07/31/96	1461075
	FILTERED	M044	Magnesium, Dissolved	< 5.00		mg/l	09/24/96	1461120
	FILTERED	M044	Magnesium, Dissolved	< 5.0		mg/l	11/21/96	1461337
	FILTERED	M044	Magnesium, Dissolved	< 5.0		mg/l	12/18/96	1461429
	FILTERED	M044	Magnesium, Dissolved	< 5.0		mg/l	01/23/97	1461542
	FILTERED	M044	Magnesium, Dissolved	3.18		mg/l	02/25/97	1461592
	FILTERED	M044	Magnesium, Dissolved	< 5.0		mg/l	03/25/97	1461613
	FILTERED	M044	Magnesium, Dissolved	< 5.00		mg/l	04/23/97	1461655
	FILTERED	M047	Sodium, Dissolved	39.1		mg/l	08/27/96	1461060
	FILTERED 1461094	M047	Sodium, Dissolved	32.4		mg/l	07/31/96	1461075
	FILTERED	M047	Sodium, Dissolved	42.9		mg/l	09/24/96	1461120
	FILTERED	M047	Sodium, Dissolved	35.3		mg/l	11/21/96	1461337
	FILTERED	M047	Sodium, Dissolved	31.8		mg/l	12/18/96	1461429
	FILTERED	M047	Sodium, Dissolved	29.8		mg/l	01/23/97	1461542
	FILTERED	M047	Sodium, Dissolved	27.6		mg/l	02/25/97	1461592
	FILTERED	M047	Sodium, Dissolved	34.5		mg/l	03/25/97	1461613
	FILTERED	M047	Sodium, Dissolved	26.3		mg/l	04/23/97	1461655
	FILTERED	M054	Aluminum, Dissolved	< 0.2		mg/l	02/25/97	1461592
			Inorganic Non-metals					
		I002	Total Alkalinity as CaCO3	17		mg/l	02/15/94	1000429
		I002	Total Alkalinity as CaCO3	< 20		mg/l	05/10/94	1000430
		I002	Total Alkalinity as CaCO3	< 20		mg/l	05/31/95	1460432
		I002	Total Alkalinity as CaCO3	< 20		mg/l	09/27/95	1460488
		I002	Total Alkalinity as CaCO3	23		mg/l	08/24/94	1460703
		I002	Total Alkalinity as CaCO3	20		mg/l	11/15/94	1460708
		I002	Total Alkalinity as CaCO3	< 20		mg/l	02/08/95	1460713
		I002	Total Alkalinity as CaCO3	< 20		mg/l	03/27/96	1460730
		I002	Total Alkalinity as CaCO3	< 20		mg/l	12/13/95	1460956
	FILTERED	I002	Total Alkalinity as CaCO3	25.2		mg/l	08/27/96	1461060

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Analytical Results for Municipal Supply Wells
and Adjacent Monitoring Wells
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
CHESTNUT ST 2/1A								
			Inorganic Non-metals					
	FILTERED	I002	Total Alkalinity as CaCO3	25.8		mg/l	09/24/96	1461120
	FILTERED	I002	Total Alkalinity as CaCO3	26.2		mg/l	11/21/96	1461337
	FILTERED	I002	Total Alkalinity as CaCO3	25.0		mg/l	12/18/96	1461429
	FILTERED	I002	Total Alkalinity as CaCO3	23.4		mg/l	01/23/97	1461542
	FILTERED	I002	Total Alkalinity as CaCO3	22.4		mg/l	02/25/97	1461592
	FILTERED	I002	Total Alkalinity as CaCO3	25.4		mg/l	03/25/97	1461613
	FILTERED	I002	Total Alkalinity as CaCO3	18.0		mg/l	04/23/97	1461655
		I005	Chloride	57		mg/l	10/20/93	1000428
		I005	Chloride	53		mg/l	02/15/94	1000429
		I005	Chloride	50		mg/l	05/10/94	1000430
		I005	Chloride	53		mg/l	05/31/95	1460432
		I005	Chloride	51		mg/l	09/27/95	1460488
		I005	Chloride	60		mg/l	08/24/94	1460703
		I005	Chloride	65		mg/l	11/15/94	1460708
		I005	Chloride	50		mg/l	02/08/95	1460713
		I005	Chloride	50		mg/l	03/27/96	1460730
		I005	Chloride	43		mg/l	12/13/95	1460956
		I005	Chloride	75		mg/l	12/05/94	1460966
		I005	Chloride	40.1		mg/l	06/19/96	1460973
	FILTERED	I005	Chloride	76.7		mg/l	08/27/96	1461060
	FILTERED 1461094	I005	Chloride	78.6	j	mg/l	07/31/96	1461075
	FILTERED	I005	Chloride	75.0		mg/l	09/24/96	1461120
	FILTERED	I005	Chloride	69.1		mg/l	11/21/96	1461337
	FILTERED	I005	Chloride	59.7	N	mg/l	12/18/96	1461429
	FILTERED	I005	Chloride	60.2		mg/l	01/23/97	1461542
	FILTERED	I005	Chloride	58.1		mg/l	02/25/97	14[illegible]
	FILTERED	I005	Chloride	62.1		mg/l	03/25/97	1[illegible]
	FILTERED	I005	Chloride	51.7		mg/l	04/23/97	14[illegible]
		I009	Nitrogen, Ammonia	0.26		mg/l	10/20/93	1000428
		I009	Nitrogen, Ammonia	0.26		mg/l	02/15/94	1000429
		I009	Nitrogen, Ammonia	0.43		mg/l	05/10/94	1000430
		I009	Nitrogen, Ammonia	0.28		mg/l	05/31/95	1460432
		I009	Nitrogen, Ammonia	0.38		mg/l	09/27/95	1460488
		I009	Nitrogen, Ammonia	0.63		mg/l	08/24/94	1460703
		I009	Nitrogen, Ammonia	0.52		mg/l	11/15/94	1460708
		I009	Nitrogen, Ammonia	0.35		mg/l	02/08/95	1460713
		I009	Nitrogen, Ammonia	0.35		mg/l	03/27/96	1460730
		I009	Nitrogen, Ammonia	< 0.1		mg/l	12/13/95	1460956
		I009	Nitrogen, Ammonia	0.3		mg/l	12/05/94	1460966
		I009	Nitrogen, Ammonia	< 5.0		mg/l	06/19/96	1460973
	FILTERED	I009	Nitrogen, Ammonia	0.54		mg/l	08/27/96	1461060
	FILTERED 1461094	I009	Nitrogen, Ammonia	0.41		mg/l	07/31/96	1461075
	FILTERED	I009	Nitrogen, Ammonia	0.73		mg/l	09/24/96	1461120
	FILTERED	I009	Nitrogen, Ammonia	1.09		mg/l	11/21/96	1461337
	FILTERED	I009	Nitrogen, Ammonia	0.67		mg/l	12/18/96	1461429
	FILTERED	I009	Nitrogen, Ammonia	0.68		mg/l	01/23/97	1461542
	FILTERED	I009	Nitrogen, Ammonia	0.74		mg/l	02/25/97	1461592
	FILTERED	I009	Nitrogen, Ammonia	0.62		mg/l	03/25/97	1461613
	FILTERED	I009	Nitrogen, Ammonia	0.044		mg/l	04/23/97	1461655
		I012	Nitrate as N	0.21		mg/l	05/10/94	1000430
		I012	Nitrate as N	0.25		mg/l	05/31/95	1460432
		I012	Nitrate as N	0.74		mg/l	09/27/95	1460488
		I012	Nitrate as N	0.45		mg/l	08/24/94	1460703
		I012	Nitrate as N	0.30		mg/l	11/15/94	1460708
		I012	Nitrate as N	0.35		mg/l	02/08/95	1460713
		I012	Nitrate as N	0.39		mg/l	03/27/96	1460730
		I012	Nitrate as N	0.81		mg/l	12/13/95	1460956
		I012	Nitrate as N	1.8		mg/l	12/05/94	1460966
		I012	Nitrate as N	0.39		mg/l	06/19/96	1460973

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TABLE 2-23
Analytical Results for Municipal Supply Wells
and Adjacent Monitoring Wells
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
CHESTNUT ST 2/1A								
			Inorganic Non-metals					
		I018	Sulfate as SO4	31		mg/l	10/20/93	1000428
		I018	Sulfate as SO4	36		mg/l	02/15/94	1000429
		I018	Sulfate as SO4	28		mg/l	05/10/94	1000430
		I018	Sulfate as SO4	16		mg/l	05/31/95	1460432
		I018	Sulfate as SO4	26		mg/l	09/27/95	1460488
		I018	Sulfate as SO4	34		mg/l	08/24/94	1460703
		I018	Sulfate as SO4	29		mg/l	11/15/94	1460708
		I018	Sulfate as SO4	26		mg/l	02/08/95	1460713
		I018	Sulfate as SO4	32		mg/l	03/27/96	1460730
		I018	Sulfate as SO4	22		mg/l	12/13/95	1460956
		I018	Sulfate as SO4	51		mg/l	12/05/94	1460966
		I018	Sulfate as SO4	51		mg/l	12/05/94	1460966
		I018	Sulfate as SO4	23		mg/l	06/19/96	1460973
	FILTERED	I018	Sulfate as SO4	37.9		mg/l	08/27/96	1461060
	FILTERED 1461094	I018	Sulfate as SO4	32.5		mg/l	07/31/96	1461075
	FILTERED	I018	Sulfate as SO4	45.7		mg/l	09/24/96	1461120
	FILTERED	I018	Sulfate as SO4	39.5		mg/l	11/21/96	1461337
	FILTERED	I018	Sulfate as SO4	31.7		mg/l	12/18/96	1461429
	FILTERED	I018	Sulfate as SO4	30.4		mg/l	01/23/97	1461542
	FILTERED	I018	Sulfate as SO4	29.6		mg/l	02/25/97	1461592
	FILTERED	I018	Sulfate as SO4	32.1		mg/l	03/25/97	1461613
	FILTERED	I018	Sulfate as SO4	23.5		mg/l	04/23/97	1461655
	FILTERED	I026	Bicarbonate Alkalinity as CaCO3	25.2		mg/l	08/27/96	1461060
	FILTERED 1461094	I026	Bicarbonate Alkalinity as CaCO3	24.8		mg/l	07/31/96	1461075
	FILTERED	I026	Bicarbonate Alkalinity as CaCO3	25.8		mg/l	09/24/96	1461120
		I027	Carbonate Alkalinity as CaCO3	8.0		mg/l	06/19/96	1460973
	FILTERED	I027	Carbonate Alkalinity as CaCO3	< 1.00		mg/l	08/27/96	1461060
	FILTERED 1461094	I027	Carbonate Alkalinity as CaCO3	< 1.00		mg/l	07/31/96	1461075
	FILTERED	I027	Carbonate Alkalinity as CaCO3	< 2.00		mg/l	09/24/96	1461120
	FILTERED	I027	Carbonate Alkalinity as CaCO3	< 2.00		mg/l	11/21/96	1461337
	FILTERED	I027	Carbonate Alkalinity as CaCO3	< 2.00		mg/l	12/18/96	1461429
	FILTERED	I027	Carbonate Alkalinity as CaCO3	< 2.00		mg/l	01/23/97	1461542
	FILTERED	I027	Carbonate Alkalinity as CaCO3	< 2.00		mg/l	02/25/97	1461592
	FILTERED	I027	Carbonate Alkalinity as CaCO3	< 1.00		mg/l	03/25/97	1461613
	FILTERED	I027	Carbonate Alkalinity as CaCO3	< 2.00		mg/l	04/23/97	1461655
	FILTERED	I059	Dissolved Oxygen, Field	1.9		mg/l	09/24/96	1461120
	FILTERED	I059	Dissolved Oxygen, Field	1.7		mg/l	11/21/96	1461337
	FILTERED	I059	Dissolved Oxygen, Field	2.0		mg/l	12/18/96	1461429
	FILTERED	I059	Dissolved Oxygen, Field	2.1		mg/l	01/23/97	1461542
	FILTERED	I059	Dissolved Oxygen, Field	2.5		mg/l	02/25/97	1461592
	FILTERED	I059	Dissolved Oxygen, Field	2.7		mg/l	03/25/97	1461613
	FILTERED	I059	Dissolved Oxygen, Field	1.5		mg/l	04/23/97	1461655
		I070	Bicarbonate as HCO3	< 20		mg/l	05/10/94	1000430
		I070	Bicarbonate as HCO3	< 20		mg/l	05/31/95	1460432
		I070	Bicarbonate as HCO3	< 20		mg/l	09/27/95	1460488
		I070	Bicarbonate as HCO3	23		mg/l	08/24/94	1460703
		I070	Bicarbonate as HCO3	20		mg/l	11/15/94	1460708
		I070	Bicarbonate as HCO3	< 20		mg/l	02/08/95	1460713
		I070	Bicarbonate as HCO3	< 20		mg/l	03/27/96	1460730
		I070	Bicarbonate as HCO3	< 20		mg/l	12/13/95	1460956
	FILTERED	I070	Bicarbonate as HCO3	26.2		mg/l	11/21/96	1461337
	FILTERED	I070	Bicarbonate as HCO3	25.0		mg/l	12/18/96	1461429
	FILTERED	I070	Bicarbonate as HCO3	23.4		mg/l	01/23/97	1461542
	FILTERED	I070	Bicarbonate as HCO3	22.4		mg/l	02/25/97	1461592
	FILTERED	I070	Bicarbonate as HCO3	25.4		mg/l	03/25/97	1461613
	FILTERED	I070	Bicarbonate as HCO3	18.0		mg/l	04/23/97	1461655
		M008	Chromium	< 0.015		mg/l	09/27/95	1460488
			Physical Properties					
	FILTERED	F002	Specific Conductance(umhos/cm @25	316		umhos	02/25/97	1461592

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TABLE 2-23
Analytical Results for Municipal Supply Wells
and Adjacent Monitoring Wells
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
CHESTNUT ST 2/1A								
			Physical Properties					
			Deg C)					
	FILTERED	F002	Specific Conductance(umhos/cm @25 Deg C)	279		umhos	04/23/97	1461655
	FILTERED	F009	pH Laboratory	6.11		Std. Un	08/27/96	1461060
	FILTERED	F009	pH Laboratory	6.02		Std. Un	11/21/96	1461337
	FILTERED	F009	pH Laboratory	6.72		Std. Un	12/18/96	1461429
	FILTERED	F009	pH Laboratory	6.13		Std. Un	01/23/97	1461542
	FILTERED	F009	pH Laboratory	6.41		Std. Un	02/25/97	1461592
	FILTERED	F009	pH Laboratory	6.21		Std. Un	03/25/97	1461613
	FILTERED	F009	pH Laboratory	6.42		Std. Un	04/23/97	1461655
	FILTERED	F010	Temperature	20.0		deg. C	11/21/96	1461337
	FILTERED	F010	Temperature	20.0		deg. C	12/18/96	1461429
	FILTERED	F010	Temperature	20.0		deg. C	01/23/97	1461542
	FILTERED	F010	Temperature	20.0		deg. C	02/25/97	1461592
	FILTERED	F010	Temperature	20.0		deg. C	03/25/97	1461613
	FILTERED	F010	Temperature	20.0		deg. C	04/23/97	1461655
	FILTERED	F037	pH Field	5.87		Std. Un	08/27/96	1461060
		F037	pH Field	5.54		Std. Un	07/31/96	1461094
	FILTERED	F037	pH Field	5.83		Std. Un	09/24/96	1461120
	FILTERED	F037	pH Field	5.46		Std. Un	11/21/96	1461337
	FILTERED	F037	pH Field	5.80		Std. Un	12/18/96	1461429
	FILTERED	F037	pH Field	5.60		Std. Un	01/23/97	1461542
	FILTERED	F037	pH Field	5.44		Std. Un	02/25/97	1461592
	FILTERED	F037	pH Field	5.66		Std. Un	03/25/97	1461613
	FILTERED	F037	pH Field	5.53		Std. Un	04/23/97	1461655
	FILTERED	F062	Specific Conductance - Field	429		umhos	08/27/96	1461060
		F062	Specific Conductance - Field	410		umhos	07/31/96	14[illegible]4
	FILTERED	F062	Specific Conductance - Field	415		umhos	09/24/96	1[illegible]
	FILTERED	F062	Specific Conductance - Field	373		umhos	11/21/96	14[illegible]7
	FILTERED	F062	Specific Conductance - Field	326		umhos	12/18/96	1461429
	FILTERED	F062	Specific Conductance - Field	333		umhos	01/23/97	1461542
	FILTERED	F062	Specific Conductance - Field	332		umhos	02/25/97	1461592
	FILTERED	F062	Specific Conductance - Field	347		umhos	03/25/97	1461613
	FILTERED	F062	Specific Conductance - Field	271		umhos	04/23/97	1461655
	FILTERED	F064	Temperature - Field	12.3		deg. C	08/27/96	1461060
		F064	Temperature - Field	12.2		deg. C	07/31/96	1461094
	FILTERED	F064	Temperature - Field	12.4		deg. C	09/24/96	1461120
	FILTERED	F064	Temperature - Field	10.8		deg. C	11/21/96	1461337
	FILTERED	F064	Temperature - Field	9.6		deg. C	12/18/96	1461429
	FILTERED	F064	Temperature - Field	8.3		deg. C	01/23/97	1461542
	FILTERED	F064	Temperature - Field	5.8		deg. C	02/25/97	1461592
	FILTERED	F064	Temperature - Field	6.1		deg. C	03/25/97	1461613
	FILTERED	F064	Temperature - Field	7.4		deg. C	04/23/97	1461655
GW-62-BR								
			Metals					
		M001	Aluminum	< 0.10		mg/l	10/16/95	1460560
		M003	Arsenic	0.005		mg/l	10/16/95	1460560
		M004	Barium	0.019		mg/l	10/16/95	1460560
		M007	Calcium	470		mg/l	10/16/95	1460560
		M008	Chromium	< 0.015		mg/l	10/16/95	1460560
		M011	Iron	6.4		mg/l	10/16/95	1460560
		M012	Lead	0.007	j	mg/l	10/16/95	1460560
		M013	Magnesium	350		mg/l	10/16/95	1460560
		M014	Manganese	45		mg/l	10/16/95	1460560
		M017	Potassium	38		mg/l	10/16/95	1460560
		M020	Sodium	2100		mg/l	10/16/95	1460560
			Metals - Dissolved					
	FILTERED 1461316	M028	Arsenic, Dissolved	< 0.025	uj	mg/l	01/16/95	1460202
	FILTERED 1460560	M028	Arsenic, Dissolved	< 0.005		mg/l	10/16/95	1460559

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TABLE 2-23
Analytical Results for Municipal Supply Wells
and Adjacent Monitoring Wells
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
GW-62-BR								
			Metals - Dissolved					
	FILTERED 1461316	M029	Barium, Dissolved	0.019		mg/l	01/16/95	1460202
	FILTERED 1460560	M029	Barium, Dissolved	0.016		mg/l	10/16/95	1460559
	FILTERED 1461316	M033	Calcium, Dissolved	460		mg/l	01/16/95	1460202
	FILTERED 1460560	M033	Calcium, Dissolved	440		mg/l	10/16/95	1460559
	FILTERED 1461316	M035	Hexavalent Chromium, Dissolved	< 0.015	uj	mg/l	01/16/95	1460202
	FILTERED 1460560	M035	Hexavalent Chromium, Dissolved	< 0.015		mg/l	10/16/95	1460559
	FILTERED 1461316	M036	Chromium, Dissolved	< 0.015		mg/l	01/16/95	1460202
	FILTERED 1460560	M036	Chromium, Dissolved	< 0.015		mg/l	10/16/95	1460559
	FILTERED 1461316	M040	Iron, Dissolved	6.80	j	mg/l	01/16/95	1460202
	FILTERED 1460560	M040	Iron, Dissolved	6.20		mg/l	10/16/95	1460559
	FILTERED 1461316	M042	Potassium, Dissolved	32	j	mg/l	01/16/95	1460202
	FILTERED 1460560	M042	Potassium, Dissolved	34		mg/l	10/16/95	1460559
	FILTERED 1461316	M044	Magnesium, Dissolved	360		mg/l	01/16/95	1460202
	FILTERED 1460560	M044	Magnesium, Dissolved	320		mg/l	10/16/95	1460559
	FILTERED 1461316	M045	Manganese, Dissolved	40	j	mg/l	01/16/95	1460202
	FILTERED 1460560	M045	Manganese, Dissolved	42		mg/l	10/16/95	1460559
	FILTERED 1461316	M047	Sodium, Dissolved	2000		mg/l	01/16/95	1460202
	FILTERED 1460560	M047	Sodium, Dissolved	1900		mg/l	10/16/95	1460559
	FILTERED 1461316	M048	Lead, Dissolved	< 0.05	uj	mg/l	01/16/95	1460202
	FILTERED 1460560	M048	Lead, Dissolved	< 0.005		mg/l	10/16/95	1460559
	FILTERED 1461316	M054	Aluminum, Dissolved	< 0.10		mg/l	01/16/95	1460202
	FILTERED 1460560	M054	Aluminum, Dissolved	< 0.10		mg/l	10/16/95	1460559
	FILTERED 1461316	M109	Trivalent Chromium, Dissolved	< 0.015		mg/l	01/16/95	1460202
	FILTERED 1460560	M109	Trivalent Chromium, Dissolved	< 0.015		mg/l	10/16/95	1460559
	FILTERED 1461316	M111	Total Iron, Field	8		mg/l	01/16/95	1460202
	FILTERED 1460560	M111	Total Iron, Field	[illegible]25		mg/l	10/16/95	1460559
	FILTERED 1461316	M112	Iron as Fe+2 - Field	[illegible]		mg/l	01/16/95	1460202
	FILTERED 1460560	M112	Iron as Fe+2 - Field	[illegible]12		mg/l	10/16/95	1460559
	FILTERED 1461316	M113	Iron as Fe+3 - Field	1		mg/l	01/16/95	1460202
	FILTERED 1460560	M113	Iron as Fe+3 - Field	1.05		mg/l	10/16/95	1460559
	FILTERED 1460560	M114	Hexavalent Chromium, Field	< 0.0		mg/l	10/16/95	1460559
			Inorganic Non-metals					
	FILTERED 1461316	I005	Chloride	2100		mg/l	01/16/95	1460202
	FILTERED 1460560	I005	Chloride	1700		mg/l	10/16/95	1460559
	FILTERED 1461316	I009	Nitrogen, Ammonia	98		mg/l	01/16/95	1460202
	FILTERED 1460560	I009	Nitrogen, Ammonia	100		mg/l	10/16/95	1460559
		I009	Nitrogen, Ammonia	96		mg/l	10/16/95	1460560
	FILTERED 1461316	I012	Nitrate as N	0.14	j	mg/l	01/16/95	1460202
	FILTERED 1460560	I012	Nitrate as N	< 0.05	uj	mg/l	10/16/95	1460559
	FILTERED 1461316	I014	Nitrite as N	< 0.05		mg/l	01/16/95	1460202
	FILTERED 1460560	I014	Nitrite as N	0.051	j	mg/l	10/16/95	1460559
	FILTERED 1461316	I017	Ortho Phosphate as Phosphorus	< 0.02		mg/l	01/16/95	1460202
	FILTERED 1460560	I017	Ortho Phosphate as Phosphorus	< 0.02		mg/l	10/16/95	1460559
	FILTERED 1461316	I018	Sulfate as SO4	4700	j	mg/l	01/16/95	1460202
	FILTERED 1460560	I018	Sulfate as SO4	4400		mg/l	10/16/95	1460559
	FILTERED 1461316	I026	Bicarbonate Alkalinity as CaCO3	94		mg/l	01/16/95	1460202
	FILTERED 1460560	I026	Bicarbonate Alkalinity as CaCO3	430		mg/l	10/16/95	1460559
	FILTERED 1461316	I027	Carbonate Alkalinity as CaCO3	< 20		mg/l	01/16/95	1460202
	FILTERED 1460560	I027	Carbonate Alkalinity as CaCO3	< 20		mg/l	10/16/95	1460559
	FILTERED 1461316	I030	Bromide	4.5	j	mg/l	01/16/95	1460202
	FILTERED 1460560	I030	Bromide	< 100	u	mg/l	10/16/95	1460559
	FILTERED 1461316	I040	Silica as SiO2	11	j	mg/l	01/16/95	1460202
	FILTERED 1460560	I040	Silica as SiO2	11		mg/l	10/16/95	1460559
		I040	Silica as SiO2	12		mg/l	10/16/95	1460560
	FILTERED 1461316	I044	Phosphorous	0.2	j	mg/l	01/16/95	1460202
	FILTERED 1460560	I044	Phosphorous	< 0.10	uj	mg/l	10/16/95	1460559
	FILTERED 1461316	I058	Sulfide	< 1		mg/l	01/16/95	1460202
	FILTERED 1460560	I058	Sulfide	< 1		mg/l	10/16/95	1460559
		I059	Dissolved Oxygen, Field	1.4		mg/l	10/16/95	1460560

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TABLE 2-23
Analytical Results for Municipal Supply Wells
and Adjacent Monitoring Wells
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
GW-62-BR								
			Inorganic Non-metals					
		I059	Dissolved Oxygen, Field	11.6		mg/l	01/16/95	1461316
		I060	Eh Field	+335		mv	10/16/95	1460560
		I060	Eh Field	+415		mv	01/16/95	1461316
	FILTERED 1461316	I067	Alkalinity - Field	510		mg/l	01/16/95	1460202
	FILTERED 1460560	I067	Alkalinity - Field	416		mg/l	10/16/95	1460559
	FILTERED 1461316	I072	CO2 as C	171		mg/l	01/16/95	1460202
			Organics					
	FILTERED 1461316	O004	Total Organic Carbon (TOC)	32		mg/l	01/16/95	1460202
	FILTERED 1460560	O004	Total Organic Carbon (TOC)	26	j	mg/l	10/16/95	1460559
			Physical Properties					
	FILTERED 1461316	F007	Total Dissolved Solids (TDS)	9700		mg/l	01/16/95	1460202
	FILTERED 1460560	F007	Total Dissolved Solids (TDS)	8000		mg/l	10/16/95	1460559
	FILTERED 1461316	F031	Viscosity	3.00		cpoise	01/16/95	1460202
	FILTERED 1460560	F031	Viscosity	3.00		cpoise	10/16/95	1460559
		F037	pH Field	6.27		Std. Un	10/16/95	1460560
		F037	pH Field	6.12		Std. Un	01/16/95	1461316
		F062	Specific Conductance - Field	12200		umhos	10/16/95	1460560
		F062	Specific Conductance - Field	13200		umhos	01/16/95	1461316
		F064	Temperature - Field	11.9		deg. C	10/16/95	1460560
		F064	Temperature - Field	11.4		deg. C	01/16/95	1461316
GW-62-BRD								
			Physical Properties					
		F066	Specific Gravity, Field	0.99		g/ml	01/16/95	1460263
GW-62-D								
			Metals					
		M001	Aluminum	< 0.10		mg/l	10/16/95	14[illegible]2
		M003	Arsenic	< 0.005		mg/l	10/16/95	1460562
		M003	Arsenic	< 0.005		mg/l	10/16/95	1460562
		M007	Calcium	46		mg/l	10/16/95	1460562
		M008	Chromium	< 0.015		mg/l	10/16/95	1460562
		M008	Chromium	< 0.010		mg/l	08/01/96	1461111
	DUP OF 1461111	M008	Chromium	< 0.010		mg/l	08/01/96	1461112
		M011	Iron	0.081		mg/l	10/16/95	1460562
		M012	Lead	< 0.005		mg/l	10/16/95	1460562
		M013	Magnesium	14		mg/l	10/16/95	1460562
		M014	Manganese	1.7	j	mg/l	10/16/95	1460562
		M017	Potassium	3.0		mg/l	10/16/95	1460562
		M020	Sodium	54		mg/l	10/16/95	1460562
			Metals - Dissolved					
	FILTERED 1460336	M028	Arsenic, Dissolved	< 0.005		mg/l	01/12/95	1460190
	FILTERED 1460562	M028	Arsenic, Dissolved	< 0.005		mg/l	10/16/95	1460561
	FILTERED 1460336	M029	Barium, Dissolved	0.01		mg/l	01/12/95	1460190
	FILTERED 1460562	M029	Barium, Dissolved	0.018		mg/l	10/16/95	1460561
	FILTERED 1460336	M033	Calcium, Dissolved	29		mg/l	01/12/95	1460190
	FILTERED 1460562	M033	Calcium, Dissolved	38		mg/l	10/16/95	1460561
	FILTERED	M033	Calcium, Dissolved	28.9		mg/l	08/27/96	1461068
	FILTDUP 1461068	M033	Calcium, Dissolved	29.0		mg/l	08/27/96	1461071
	FILTERED 1461111	M033	Calcium, Dissolved	28.8		mg/l	08/01/96	1461092
	FILTDUP 1461092	M033	Calcium, Dissolved	28.2		mg/l	08/01/96	1461093
	FILTERED	M033	Calcium, Dissolved	27.3		mg/l	09/24/96	1461128
	FILTERED	M033	Calcium, Dissolved	26.1		mg/l	10/24/96	1461216
	FILTERED	M033	Calcium, Dissolved	27.2		mg/l	11/21/96	1461340
	FILTERED	M033	Calcium, Dissolved	28.4		mg/l	12/18/96	1461432
	FILTERED	M033	Calcium, Dissolved	29.6		mg/l	01/23/97	1461545
	FILTERED	M033	Calcium, Dissolved	30.2		mg/l	02/25/97	1461595
	FILTERED	M033	Calcium, Dissolved	31.5		mg/l	03/25/97	1461616
	FILTERED	M033	Calcium, Dissolved	35.1		mg/l	04/23/97	1461658

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TABLE 2-23
Analytical Results for Municipal Supply Wells
and Adjacent Monitoring Wells
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
GW-62-D								
			Metals - Dissolved					
	FILTERED 1460336	M035	Hexavalent Chromium, Dissolved	< 0.015		mg/l	01/12/95	1460190
	FILTERED 1460562	M035	Hexavalent Chromium, Dissolved	< 0.015		mg/l	10/16/95	1460561
	FILTERED 1460336	M036	Chromium, Dissolved	< 0.015		mg/l	01/12/95	1460190
	PRE-PURGE/FILT.	M036	Chromium, Dissolved	< 0.015		mg/l	01/12/95	1460195
	FILTERED 1460562	M036	Chromium, Dissolved	< 0.015		mg/l	10/16/95	1460561
	FILTERED	M036	Chromium, Dissolved	< 0.010		mg/l	08/27/96	1461068
	FILTDUP 1461068	M036	Chromium, Dissolved	< 0.010		mg/l	08/27/96	1461071
	FILTERED 1461111	M036	Chromium, Dissolved	< 0.010		mg/l	08/01/96	1461092
	FILTDUP 1461092	M036	Chromium, Dissolved	< 0.010		mg/l	08/01/96	1461093
	FILTERED	M036	Chromium, Dissolved	< 0.010		mg/l	09/24/96	1461128
	FILTERED	M036	Chromium, Dissolved	< 0.010		mg/l	10/24/96	1461216
	FILTERED	M036	Chromium, Dissolved	< 0.010		mg/l	11/21/96	1461340
	FILTERED	M036	Chromium, Dissolved	< 0.010		mg/l	12/18/96	1461432
	FILTERED	M036	Chromium, Dissolved	< 0.010		mg/l	01/23/97	1461545
	FILTERED	M036	Chromium, Dissolved	< 0.010		mg/l	02/25/97	1461595
	FILTERED	M036	Chromium, Dissolved	< 0.010		mg/l	03/25/97	1461616
	FILTERED	M036	Chromium, Dissolved	< 0.010		mg/l	04/23/97	1461658
	FILTERED 1460336	M040	Iron, Dissolved	< 0.025		mg/l	01/12/95	1460190
	FILTERED 1460562	M040	Iron, Dissolved	0.11		mg/l	10/16/95	1460561
	FILTERED	M040	Iron, Dissolved	< 0.10		mg/l	10/24/96	1461216
	FILTERED	M040	Iron, Dissolved	< 0.10		mg/l	11/21/96	1461340
	FILTERED	M040	Iron, Dissolved	< 0.10		mg/l	12/18/96	1461432
	FILTERED	M040	Iron, Dissolved	< 0.10		mg/l	01/23/97	1461545
	FILTERED	M040	Iron, Dissolved	< 0.10		mg/l	02/25/97	1461595
	FILTERED	M040	Iron, Dissolved	< 0.10		mg/l	03/25/97	1461616
	FILTERED	M040	Iron, Dissolved	< 0.100		mg/l	04/23/97	1461658
	FILTERED 1460336	M042	Potassium, Dissolved	2.7		mg/l	01/12/95	1460190
	FILTERED 1460562	M042	Potassium, Dissolved	2.2		mg/l	10/16/95	1460561
	FILTERED	M042	Potassium, Dissolved	< 5.0		mg/l	10/24/96	1461216
	FILTERED	M042	Potassium, Dissolved	< 5.0		mg/l	11/21/96	1461340
	FILTERED	M042	Potassium, Dissolved	< 5.0		mg/l	12/18/96	1461432
	FILTERED	M042	Potassium, Dissolved	< 5.0		mg/l	01/23/97	1461545
	FILTERED	M042	Potassium, Dissolved	2.57		mg/l	02/25/97	1461595
	FILTERED	M042	Potassium, Dissolved	< 5.0		mg/l	03/25/97	1461616
	FILTERED	M042	Potassium, Dissolved	< 5.00		mg/l	04/23/97	1461658
	FILTERED 1460336	M044	Magnesium, Dissolved	9.3		mg/l	01/12/95	1460190
	FILTERED 1460562	M044	Magnesium, Dissolved	12		mg/l	10/16/95	1460561
	FILTERED	M044	Magnesium, Dissolved	7.93		mg/l	08/27/96	1461068
	FILTDUP 1461068	M044	Magnesium, Dissolved	7.96		mg/l	08/27/96	1461071
	FILTERED 1461111	M044	Magnesium, Dissolved	7.72		mg/l	08/01/96	1461092
	FILTDUP 1461092	M044	Magnesium, Dissolved	7.57		mg/l	08/01/96	1461093
	FILTERED	M044	Magnesium, Dissolved	7.41		mg/l	09/24/96	1461128
	FILTERED	M044	Magnesium, Dissolved	7.20		mg/l	10/24/96	1461216
	FILTERED	M044	Magnesium, Dissolved	7.54		mg/l	11/21/96	1461340
	FILTERED	M044	Magnesium, Dissolved	8.0		mg/l	12/18/96	1461432
	FILTERED	M044	Magnesium, Dissolved	7.86		mg/l	01/23/97	1461545
	FILTERED	M044	Magnesium, Dissolved	8.25		mg/l	02/25/97	1461595
	FILTERED	M044	Magnesium, Dissolved	8.4		mg/l	03/25/97	1461616
	FILTERED	M044	Magnesium, Dissolved	9.01		mg/l	04/23/97	1461658
	FILTERED 1460336	M045	Manganese, Dissolved	1.4		mg/l	01/12/95	1460190
	FILTERED 1460562	M045	Manganese, Dissolved	1.6	j	mg/l	10/16/95	1460561
	FILTERED 1460336	M047	Sodium, Dissolved	42		mg/l	01/12/95	1460190
	FILTERED 1460562	M047	Sodium, Dissolved	46		mg/l	10/16/95	1460561
	FILTERED	M047	Sodium, Dissolved	35.6		mg/l	08/27/96	1461068
	FILTDUP 1461068	M047	Sodium, Dissolved	35.9		mg/l	08/27/96	1461071
	FILTERED 1461111	M047	Sodium, Dissolved	39.3		mg/l	08/01/96	1461092
	FILTDUP 1461092	M047	Sodium, Dissolved	39.0		mg/l	08/01/96	1461093
	FILTERED	M047	Sodium, Dissolved	37.0		mg/l	09/24/96	1461128
	FILTERED	M047	Sodium, Dissolved	35.8		mg/l	10/24/96	1461216

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TABLE 2-23
Analytical Results for Municipal Supply Wells
and Adjacent Monitoring Wells
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
GW-62-D								
			Metals - Dissolved					
	FILTERED	M047	Sodium, Dissolved	33.9		mg/l	11/21/96	1461340
	FILTERED	M047	Sodium, Dissolved	35.5		mg/l	12/18/96	1461432
	FILTERED	M047	Sodium, Dissolved	36.2		mg/l	01/23/97	1461545
	FILTERED	M047	Sodium, Dissolved	35.4		mg/l	02/25/97	1461595
	FILTERED	M047	Sodium, Dissolved	42.2		mg/l	03/25/97	1461616
	FILTERED	M047	Sodium, Dissolved	40.2		mg/l	04/23/97	1461658
	FILTERED 1460336	M048	Lead, Dissolved	< 0.005		mg/l	01/12/95	1460190
	FILTERED 1460562	M048	Lead, Dissolved	< 0.005		mg/l	10/16/95	1460561
	FILTERED 1460336	M054	Aluminum, Dissolved	< 0.10		mg/l	01/12/95	1460190
	FILTERED 1460562	M054	Aluminum, Dissolved	< 0.10		mg/l	10/16/95	1460561
	FILTERED	M054	Aluminum, Dissolved	< 0.2		mg/l	02/25/97	1461595
	FILTERED 1460336	M109	Trivalent Chromium, Dissolved	< 0.015		mg/l	01/12/95	1460190
	FILTERED 1460562	M109	Trivalent Chromium, Dissolved	< 0.015		mg/l	10/16/95	1460561
	FILTERED 1460336	M111	Total Iron, Field	11.3		mg/l	01/12/95	1460190
	FILTERED 1460562	M111	Total Iron, Field	0.02		mg/l	10/16/95	1460561
	FILTERED 1460336	M112	Iron as Fe+2 - Field	9.58		mg/l	01/12/95	1460190
	FILTERED 1460562	M112	Iron as Fe+2 - Field	0.01		mg/l	10/16/95	1460561
	FILTERED 1460336	M113	Iron as Fe+3 - Field	1.72		mg/l	01/12/95	1460190
	FILTERED 1460562	M113	Iron as Fe+3 - Field	0.01		mg/l	10/16/95	1460561
	FILTERED 1460336	M114	Hexavalent Chromium, Field	< 0.0		mg/l	01/12/95	1460190
	FILTERED 1460562	M114	Hexavalent Chromium, Field	< 0.0		mg/l	10/16/95	1460561
			Inorganic Non-metals					
	FILTERED	I002	Total Alkalinity as CaCO3	63.6		mg/l	08/27/96	1461068
	FILTDUP 1461068	I002	Total Alkalinity as CaCO3	61.8		mg/l	08/27/96	1461071
	FILTERED	I002	Total Alkalinity as CaCO3	62.0		mg/l	09/24/96	1461128
	FILTERED	I002	Total Alkalinity as CaCO3	61.6		mg/l	10/24/96	14[illegible]16
	FILTERED	I002	Total Alkalinity as CaCO3	61.6		mg/l	11/21/96	1[illegible]
	FILTERED	I002	Total Alkalinity as CaCO3	61.6		mg/l	12/18/96	1[illegible]2
	FILTERED	I002	Total Alkalinity as CaCO3	67.6		mg/l	01/23/97	1461545
	FILTERED	I002	Total Alkalinity as CaCO3	57.0		mg/l	02/25/97	1461595
	FILTERED	I002	Total Alkalinity as CaCO3	57.6		mg/l	03/25/97	1461616
	FILTERED	I002	Total Alkalinity as CaCO3	56.6		mg/l	04/23/97	1461658
	FILTERED 1460336	I005	Chloride	52		mg/l	01/12/95	1460190
	PRE-PURGE/FILT.	I005	Chloride	69		mg/l	01/12/95	1460195
	FILTERED 1460562	I005	Chloride	83		mg/l	10/16/95	1460561
	FILTERED	I005	Chloride	59.8		mg/l	08/27/96	1461068
	FILTDUP 1461068	I005	Chloride	60.2		mg/l	08/27/96	1461071
	FILTERED 1461111	I005	Chloride	60.0	j	mg/l	08/01/96	1461092
	FILTDUP 1461092	I005	Chloride	60.0	j	mg/l	08/01/96	1461093
	FILTERED	I005	Chloride	60.0		mg/l	09/24/96	1461128
	FILTERED	I005	Chloride	59.7		mg/l	10/24/96	1461216
	FILTERED	I005	Chloride	58.9		mg/l	11/21/96	1461340
	FILTERED	I005	Chloride	61.0	N	mg/l	12/18/96	1461432
	FILTERED	I005	Chloride	61.8		mg/l	01/23/97	1461545
	FILTERED	I005	Chloride	65.8		mg/l	02/25/97	1461595
	FILTERED	I005	Chloride	68.8		mg/l	03/25/97	1461616
	FILTERED	I005	Chloride	68.3		mg/l	04/23/97	1461658
	FILTERED 1460336	I009	Nitrogen, Ammonia	1.5		mg/l	01/12/95	1460190
	PRE-PURGE/FILT.	I009	Nitrogen, Ammonia	28		mg/l	01/12/95	1460195
	FILTERED 1460562	I009	Nitrogen, Ammonia	3.0		mg/l	10/16/95	1460561
		I009	Nitrogen, Ammonia	2.7		mg/l	10/16/95	1460562
	FILTERED	I009	Nitrogen, Ammonia	2.21		mg/l	08/27/96	1461068
	FILTDUP 1461068	I009	Nitrogen, Ammonia	2.12		mg/l	08/27/96	1461071
	FILTERED 1461111	I009	Nitrogen, Ammonia	1.91		mg/l	08/01/96	1461092
	FILTDUP 1461092	I009	Nitrogen, Ammonia	1.92		mg/l	08/01/96	1461093
	FILTERED	I009	Nitrogen, Ammonia	2.00		mg/l	09/24/96	1461128
	FILTERED	I009	Nitrogen, Ammonia	2.29		mg/l	10/24/96	1461216
	FILTERED	I009	Nitrogen, Ammonia	2.36		mg/l	11/21/96	1461340
	FILTERED	I009	Nitrogen, Ammonia	2.22		mg/l	12/18/96	1461432

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TABLE 2-23
Analytical Results for Municipal Supply Wells
and Adjacent Monitoring Wells
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
GW-62-D								
			Inorganic Non-metals					
	FILTERED	I009	Nitrogen, Ammonia	2.66		mg/l	01/23/97	1461545
	FILTERED	I009	Nitrogen, Ammonia	2.40		mg/l	02/25/97	1461595
	FILTERED	I009	Nitrogen, Ammonia	2.29		mg/l	03/25/97	1461616
	FILTERED	I009	Nitrogen, Ammonia	< 0.040		mg/l	04/23/97	1461658
	FILTERED 1460336	I012	Nitrate as N	0.32		mg/l	01/12/95	1460190
	FILTERED 1460562	I012	Nitrate as N	0.39	j	mg/l	10/16/95	1460561
	FILTERED 1460336	I014	Nitrite as N	< 0.05		mg/l	01/12/95	1460190
	FILTERED 1460562	I014	Nitrite as N	< 0.050	uj	mg/l	10/16/95	1460561
	FILTERED 1460336	I017	Ortho Phosphate as Phosphorus	< 0.02		mg/l	01/12/95	1460190
	FILTERED 1460562	I017	Ortho Phosphate as Phosphorus	< 0.02		mg/l	10/16/95	1460561
	FILTERED 1460336	I018	Sulfate as SO4	59		mg/l	01/12/95	1460190
	PRE-PURGE/FILT.	I018	Sulfate as SO4	73		mg/l	01/12/95	1460195
	FILTERED 1460562	I018	Sulfate as SO4	100		mg/l	10/16/95	1460561
	FILTERED	I018	Sulfate as SO4	67.9		mg/l	08/27/96	1461068
	FILTDUP 1461068	I018	Sulfate as SO4	66.7		mg/l	08/27/96	1461071
	FILTERED 1461111	I018	Sulfate as SO4	54.0		mg/l	08/01/96	1461092
	FILTDUP 1461092	I018	Sulfate as SO4	56.8		mg/l	08/01/96	1461093
	FILTERED	I018	Sulfate as SO4	62.6		mg/l	09/24/96	1461128
	FILTERED	I018	Sulfate as SO4	63.0		mg/l	10/24/96	1461216
	FILTERED	I018	Sulfate as SO4	71.2		mg/l	11/21/96	1461340
	FILTERED	I018	Sulfate as SO4	76.1		mg/l	12/18/96	1461432
	FILTERED	I018	Sulfate as SO4	14.4		mg/l	01/23/97	1461545
	FILTERED	I018	Sulfate as SO4	81.9		mg/l	02/25/97	1461595
	FILTERED	I018	Sulfate as SO4	98.3		mg/l	03/25/97	1461616
	FILTERED	I018	Sulfate as SO4	111		mg/l	04/23/97	1461658
	FILTERED 1460336	I026	Bicarbonate Alkalinity as CaCO3	58		mg/l	01/12/95	1460190
	FILTERED 1460562	I026	Bicarbonate Alkalinity as CaCO3	64		mg/l	10/16/95	1460561
	FILTERED	I026	Bicarbonate Alkalinity as CaCO3	63.6		mg/l	08/27/96	1461068
	FILTDUP 1461068	I026	Bicarbonate Alkalinity as CaCO3	61.8		mg/l	08/27/96	1461071
	FILTERED 1461111	I026	Bicarbonate Alkalinity as CaCO3	62.0		mg/l	08/01/96	1461092
	FILTDUP 1461092	I026	Bicarbonate Alkalinity as CaCO3	60.0		mg/l	08/01/96	1461093
	FILTERED	I026	Bicarbonate Alkalinity as CaCO3	62.0		mg/l	09/24/96	1461128
	FILTERED	I026	Bicarbonate Alkalinity as CaCO3	61.6		mg/l	10/24/96	1461216
	FILTERED 1460336	I027	Carbonate Alkalinity as CaCO3	< 20		mg/l	01/12/95	1460190
	FILTERED 1460562	I027	Carbonate Alkalinity as CaCO3	< 20		mg/l	10/16/95	1460561
	FILTERED	I027	Carbonate Alkalinity as CaCO3	< 1.00		mg/l	08/27/96	1461068
	FILTDUP 1461068	I027	Carbonate Alkalinity as CaCO3	< 1.00		mg/l	08/27/96	1461071
	FILTERED 1461111	I027	Carbonate Alkalinity as CaCO3	< 1.00		mg/l	08/01/96	1461092
	FILTDUP 1461092	I027	Carbonate Alkalinity as CaCO3	< 1.00		mg/l	08/01/96	1461093
	FILTERED	I027	Carbonate Alkalinity as CaCO3	< 2.00		mg/l	09/24/96	1461128
	FILTERED	I027	Carbonate Alkalinity as CaCO3	< 2.00		mg/l	10/24/96	1461216
	FILTERED	I027	Carbonate Alkalinity as CaCO3	< 2.00		mg/l	11/21/96	1461340
	FILTERED	I027	Carbonate Alkalinity as CaCO3	< 2.00		mg/l	12/18/96	1461432
	FILTERED	I027	Carbonate Alkalinity as CaCO3	< 2.00		mg/l	01/23/97	1461545
	FILTERED	I027	Carbonate Alkalinity as CaCO3	< 2.00		mg/l	02/25/97	1461595
	FILTERED	I027	Carbonate Alkalinity as CaCO3	< 1.00		mg/l	03/25/97	1461616
	FILTERED	I027	Carbonate Alkalinity as CaCO3	< 2.00		mg/l	04/23/97	1461658
	FILTERED 1460336	I030	Bromide	< 2		mg/l	01/12/95	1460190
	FILTERED 1460562	I030	Bromide	< 1	uj	mg/l	10/16/95	1460561
	FILTERED 1460336	I040	Silica as SiO2	4.2		mg/l	01/12/95	1460190
	FILTERED 1460562	I040	Silica as SiO2	4.6		mg/l	10/16/95	1460561
		I040	Silica as SiO2	4.8		mg/l	10/16/95	1460562
	FILTERED 1460336	I044	Phosphorous	< 0.1		mg/l	01/12/95	1460190
	FILTERED 1460562	I044	Phosphorous	< 1.0	uj	mg/l	10/16/95	1460561
	FILTERED 1460336	I048	Total Inorganic Carbon	28		mg/l	01/12/95	1460190
	FILTERED 1460336	I058	Sulfide	< 1		mg/l	01/12/95	1460190
	FILTERED 1460562	I058	Sulfide	< 1		mg/l	10/16/95	1460561
		I059	Dissolved Oxygen, Field	< 0.0		mg/l	01/12/95	1460336
		I059	Dissolved Oxygen, Field	< 0.0		mg/l	10/16/95	1460562

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TABLE 2-23
Analytical Results for Municipal Supply Wells
and Adjacent Monitoring Wells
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
GW-62-D								
			Inorganic Non-metals					
	FILTERED	I059	Dissolved Oxygen, Field	1.4		mg/l	09/24/96	1461128
	FILTERED	I059	Dissolved Oxygen, Field	1.3		mg/l	10/24/96	1461216
	FILTERED	I059	Dissolved Oxygen, Field	0.7		mg/l	11/21/96	1461340
	FILTERED	I059	Dissolved Oxygen, Field	1.2		mg/l	12/18/96	1461432
	FILTERED	I059	Dissolved Oxygen, Field	1.5		mg/l	01/23/97	1461545
	FILTERED	I059	Dissolved Oxygen, Field	1.5		mg/l	02/25/97	1461595
	FILTERED	I059	Dissolved Oxygen, Field	0.7		mg/l	03/25/97	1461616
	FILTERED	I059	Dissolved Oxygen, Field	1.2		mg/l	04/23/97	1461658
		I060	Eh Field	+422		mv	01/12/95	1460336
		I060	Eh Field	+305		mv	10/16/95	1460562
	FILTERED 1460562	I067	Alkalinity - Field	56		mg/l	10/16/95	1460561
	FILTERED	I070	Bicarbonate as HCO3	61.6		mg/l	11/21/96	1461340
	FILTERED	I070	Bicarbonate as HCO3	61.6		mg/l	12/18/96	1461432
	FILTERED	I070	Bicarbonate as HCO3	67.6		mg/l	01/23/97	1461545
	FILTERED	I070	Bicarbonate as HCO3	57.0		mg/l	02/25/97	1461595
	FILTERED	I070	Bicarbonate as HCO3	57.6		mg/l	03/25/97	1461616
	FILTERED	I070	Bicarbonate as HCO3	56.6		mg/l	04/23/97	1461658
			Organics					
	FILTERED 1460336	O004	Total Organic Carbon (TOC)	2.1		mg/l	01/12/95	1460190
	FILTERED 1460562	O004	Total Organic Carbon (TOC)	2.3	j	mg/l	10/16/95	1460561
			Physical Properties					
	FILTERED	F002	Specific Conductance(umhos/cm @25 Deg C)	506		umhos	02/25/97	1461595
	FILTERED	F002	Specific Conductance(umhos/cm @25 Deg C)	569		umhos	04/23/97	1461658
	FILTERED 1460336	F007	Total Dissolved Solids (TDS)	290		mg/l	01/12/95	1[illegible]20
	FILTERED 1460562	F007	Total Dissolved Solids (TDS)	370		mg/l	10/16/95	1[illegible]1
	FILTERED	F009	pH Laboratory	6.23		Std. Un	08/27/96	1[illegible]8
	FILTDUP 1461068	F009	pH Laboratory	6.43		Std. Un	08/27/96	1461071
	FILTERED	F009	pH Laboratory	6.37		Std. Un	10/24/96	1461216
	FILTERED	F009	pH Laboratory	6.33		Std. Un	11/21/96	1461340
	FILTERED	F009	pH Laboratory	6.87		Std. Un	12/18/96	1461432
	FILTERED	F009	pH Laboratory	6.36		Std. Un	01/23/97	1461545
	FILTERED	F009	pH Laboratory	6.86		Std. Un	02/25/97	1461595
	FILTERED	F009	pH Laboratory	6.49		Std. Un	03/25/97	1461616
	FILTERED	F009	pH Laboratory	6.51		Std. Un	04/23/97	1461658
	FILTERED	F010	Temperature	20.0		deg. C	10/24/96	1461216
	FILTERED	F010	Temperature	20.0		deg. C	11/21/96	1461340
	FILTERED	F010	Temperature	20.0		deg. C	12/18/96	1461432
	FILTERED	F010	Temperature	20.0		deg. C	01/23/97	1461545
	FILTERED	F010	Temperature	20.0		deg. C	02/25/97	1461595
	FILTERED	F010	Temperature	20.0		deg. C	03/25/97	1461616
	FILTERED	F010	Temperature	20.0		deg. C	04/23/97	1461658
	FILTERED 1460336	F031	Viscosity	3.50		cpoise	01/12/95	1460190
	FILTERED 1460562	F031	Viscosity	3.00		cpoise	10/16/95	1460561
		F037	pH Field	6.08		Std. Un	01/12/95	1460336
		F037	pH Field	6.00		Std. Un	10/16/95	1460562
	FILTERED	F037	pH Field	6.15		Std. Un	08/27/96	1461068
		F037	pH Field	6.16		Std. Un	08/01/96	1461111
	FILTERED	F037	pH Field	6.21		Std. Un	09/24/96	1461128
	FILTERED	F037	pH Field	6.03		Std. Un	10/24/96	1461216
	FILTERED	F037	pH Field	6.02		Std. Un	11/21/96	1461340
	FILTERED	F037	pH Field	6.22		Std. Un	12/18/96	1461432
	FILTERED	F037	pH Field	5.74		Std. Un	01/23/97	1461545
	FILTERED	F037	pH Field	5.73		Std. Un	02/25/97	1461595
	FILTERED	F037	pH Field	5.94		Std. Un	03/25/97	1461616
	FILTERED	F037	pH Field	5.94		Std. Un	04/23/97	1461658
		F062	Specific Conductance - Field	463		umhos	01/12/95	1460336
		F062	Specific Conductance - Field	579		umhos	10/16/95	1460562

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Analytical Results for Municipal Supply Wells
and Adjacent Monitoring Wells
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
GW-62-D								
			Physical Properties					
	FILTERED	F062	Specific Conductance - Field	491		umhos	08/27/96	1461068
		F062	Specific Conductance - Field	475		umhos	08/01/96	1461111
	FILTERED	F062	Specific Conductance - Field	479		umhos	09/24/96	1461128
	FILTERED	F062	Specific Conductance - Field	519		umhos	10/24/96	1461216
	FILTERED	F062	Specific Conductance - Field	457		umhos	11/21/96	1461340
	FILTERED	F062	Specific Conductance - Field	487		umhos	12/18/96	1461432
	FILTERED	F062	Specific Conductance - Field	497		umhos	01/23/97	1461545
	FILTERED	F062	Specific Conductance - Field	498		umhos	02/25/97	1461595
	FILTERED	F062	Specific Conductance - Field	513		umhos	03/25/97	1461616
	FILTERED	F062	Specific Conductance - Field	616		umhos	04/23/97	1461658
		F064	Temperature - Field	9.4		deg. C	01/12/95	1460336
		F064	Temperature - Field	10.2		deg. C	10/16/95	1460562
	FILTERED	F064	Temperature - Field	10.1		deg. C	08/27/96	1461068
		F064	Temperature - Field	9.9		deg. C	08/01/96	1461111
	FILTERED	F064	Temperature - Field	10.7		deg. C	09/24/96	1461128
	FILTERED	F064	Temperature - Field	10.0		deg. C	10/24/96	1461216
	FILTERED	F064	Temperature - Field	9.3		deg. C	11/21/96	1461340
	FILTERED	F064	Temperature - Field	9.3		deg. C	12/18/96	1461432
	FILTERED	F064	Temperature - Field	8.7		deg. C	01/23/97	1461545
	FILTERED	F064	Temperature - Field	8.2		deg. C	02/25/97	1461595
	FILTERED	F064	Temperature - Field	9.2		deg. C	03/25/97	1461616
	FILTERED	F064	Temperature - Field	9.6		deg. C	04/23/97	1461658
GW-62-M								
			Metals					
		M008	Chromium	< 0.010		mg/l	08/01/96	1461110
			Metals - Dissolved					
	FILTERED	M033	Calcium, Dissolved	26.6		mg/l	08/27/96	1461067
	FILTERED 1461110	M033	Calcium, Dissolved	26.3		mg/l	08/01/96	1461091
	FILTERED	M033	Calcium, Dissolved	24.8		mg/l	09/24/96	1461127
	FILTERED	M033	Calcium, Dissolved	22.5		mg/l	10/24/96	1461215
	FILTERED	M033	Calcium, Dissolved	29.9		mg/l	11/21/96	1461339
	FILTERED	M033	Calcium, Dissolved	28.9		mg/l	12/18/96	1461431
	FILTERED	M033	Calcium, Dissolved	30		mg/l	01/23/97	1461544
	FILTERED	M033	Calcium, Dissolved	26.4		mg/l	02/25/97	1461594
	FILTERED	M033	Calcium, Dissolved	23.8		mg/l	03/25/97	1461615
	FILTERED	M033	Calcium, Dissolved	22.9		mg/l	04/23/97	1461657
	FILTERED	M036	Chromium, Dissolved	< 0.010		mg/l	08/27/96	1461067
	FILTERED 1461110	M036	Chromium, Dissolved	< 0.010		mg/l	08/01/96	1461091
	FILTERED	M036	Chromium, Dissolved	< 0.010		mg/l	09/24/96	1461127
	FILTERED	M036	Chromium, Dissolved	< 0.010		mg/l	10/24/96	1461215
	FILTERED	M036	Chromium, Dissolved	< 0.010		mg/l	11/21/96	1461339
	FILTERED	M036	Chromium, Dissolved	< 0.010		mg/l	12/18/96	1461431
	FILTERED	M036	Chromium, Dissolved	< 0.010		mg/l	01/23/97	1461544
	FILTERED	M036	Chromium, Dissolved	< 0.010		mg/l	02/25/97	1461594
	FILTERED	M036	Chromium, Dissolved	< 0.010		mg/l	03/25/97	1461615
	FILTERED	M036	Chromium, Dissolved	< 0.010		mg/l	04/23/97	1461657
	FILTERED	M040	Iron, Dissolved	< 0.10		mg/l	10/24/96	1461215
	FILTERED	M040	Iron, Dissolved	< 0.10		mg/l	11/21/96	1461339
	FILTERED	M040	Iron, Dissolved	< 0.10		mg/l	12/18/96	1461431
	FILTERED	M040	Iron, Dissolved	< 0.10		mg/l	01/23/97	1461544
	FILTERED	M040	Iron, Dissolved	< 0.10		mg/l	02/25/97	1461594
	FILTERED	M040	Iron, Dissolved	< 0.10		mg/l	03/25/97	1461615
	FILTERED	M040	Iron, Dissolved	< 0.100		mg/l	04/23/97	1461657
	FILTERED	M042	Potassium, Dissolved	< 5.0		mg/l	10/24/96	1461215
	FILTERED	M042	Potassium, Dissolved	< 5.0		mg/l	11/21/96	1461339
	FILTERED	M042	Potassium, Dissolved	< 5.0		mg/l	12/18/96	1461431
	FILTERED	M042	Potassium, Dissolved	< 5.0		mg/l	01/23/97	1461544
	FILTERED	M042	Potassium, Dissolved	3.13		mg/l	02/25/97	1461594

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Analytical Results for Municipal Supply Wells
and Adjacent Monitoring Wells
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
GW-62-M								
			Metals - Dissolved					
	FILTERED	M042	Potassium, Dissolved	< 5.0		mg/l	03/25/97	1461615
	FILTERED	M042	Potassium, Dissolved	< 5.00		mg/l	04/23/97	1461657
	FILTERED	M044	Magnesium, Dissolved	5.76		mg/l	08/27/96	1461067
	FILTERED 1461110	M044	Magnesium, Dissolved	5.61		mg/l	08/01/96	1461091
	FILTERED	M044	Magnesium, Dissolved	5.33		mg/l	09/24/96	1461127
	FILTERED	M044	Magnesium, Dissolved	< 5.00		mg/l	10/24/96	1461215
	FILTERED	M044	Magnesium, Dissolved	6.56		mg/l	11/21/96	1461339
	FILTERED	M044	Magnesium, Dissolved	6.44		mg/l	12/18/96	1461431
	FILTERED	M044	Magnesium, Dissolved	6.42		mg/l	01/23/97	1461544
	FILTERED	M044	Magnesium, Dissolved	5.75		mg/l	02/25/97	1461594
	FILTERED	M044	Magnesium, Dissolved	5.14		mg/l	03/25/97	1461615
	FILTERED	M044	Magnesium, Dissolved	< 5.00		mg/l	04/23/97	1461657
	FILTERED	M047	Sodium, Dissolved	29.8		mg/l	08/27/96	1461067
	FILTERED 1461110	M047	Sodium, Dissolved	32.8		mg/l	08/01/96	1461091
	FILTERED	M047	Sodium, Dissolved	30.7		mg/l	09/24/96	1461127
	FILTERED	M047	Sodium, Dissolved	28.7		mg/l	10/24/96	1461215
	FILTERED	M047	Sodium, Dissolved	31.8		mg/l	11/21/96	1461339
	FILTERED	M047	Sodium, Dissolved	31.7		mg/l	12/18/96	1461431
	FILTERED	M047	Sodium, Dissolved	34.2		mg/l	01/23/97	1461544
	FILTERED	M047	Sodium, Dissolved	31		mg/l	02/25/97	1461594
	FILTERED	M047	Sodium, Dissolved	34.5		mg/l	03/25/97	1461615
	FILTERED	M047	Sodium, Dissolved	31.7		mg/l	04/23/97	1461657
	FILTERED	M054	Aluminum, Dissolved	< 0.2		mg/l	02/25/97	1461594
			Inorganic Non-metals					
	FILTERED	I002	Total Alkalinity as CaCO3	54.4		mg/l	08/27/96	1461067
	FILTERED	I002	Total Alkalinity as CaCO3	54.4		mg/l	09/24/96	14[illegible]
	FILTERED	I002	Total Alkalinity as CaCO3	51.6		mg/l	10/24/96	1[illegible]
	FILTERED	I002	Total Alkalinity as CaCO3	53.8		mg/l	11/21/96	14[illegible]
	FILTERED	I002	Total Alkalinity as CaCO3	53.6		mg/l	12/18/96	1461431
	FILTERED	I002	Total Alkalinity as CaCO3	53.0		mg/l	01/23/97	1461544
	FILTERED	I002	Total Alkalinity as CaCO3	49.2		mg/l	02/25/97	1461594
	FILTERED	I002	Total Alkalinity as CaCO3	46.4		mg/l	03/25/97	1461615
	FILTERED	I002	Total Alkalinity as CaCO3	47.2		mg/l	04/23/97	1461657
	FILTERED	I005	Chloride	50.9		mg/l	08/27/96	1461067
	FILTERED 1461110	I005	Chloride	51.6	j	mg/l	08/01/96	1461091
	FILTERED	I005	Chloride	51.5		mg/l	09/24/96	1461127
	FILTERED	I005	Chloride	51.7		mg/l	10/24/96	1461215
	FILTERED	I005	Chloride	56.8		mg/l	11/21/96	1461339
	FILTERED	I005	Chloride	57.7	N	mg/l	12/18/96	1461431
	FILTERED	I005	Chloride	58.6		mg/l	01/23/97	1461544
	FILTERED	I005	Chloride	60.2		mg/l	02/25/97	1461594
	FILTERED	I005	Chloride	59.4		mg/l	03/25/97	1461615
	FILTERED	I005	Chloride	56.0		mg/l	04/23/97	1461657
	FILTERED	I009	Nitrogen, Ammonia	1.42		mg/l	08/27/96	1461067
	FILTERED 1461110	I009	Nitrogen, Ammonia	1.23		mg/l	08/01/96	1461091
	FILTERED	I009	Nitrogen, Ammonia	1.30		mg/l	09/24/96	1461127
	FILTERED	I009	Nitrogen, Ammonia	1.37		mg/l	10/24/96	1461215
	FILTERED	I009	Nitrogen, Ammonia	1.90		mg/l	11/21/96	1461339
	FILTERED	I009	Nitrogen, Ammonia	1.58		mg/l	12/18/96	1461431
	FILTERED	I009	Nitrogen, Ammonia	1.73		mg/l	01/23/97	1461544
	FILTERED	I009	Nitrogen, Ammonia	1.67		mg/l	02/25/97	1461594
	FILTERED	I009	Nitrogen, Ammonia	0.99		mg/l	03/25/97	1461615
	FILTERED	I009	Nitrogen, Ammonia	1.34		mg/l	04/23/97	1461657
	FILTERED	I018	Sulfate as SO4	51.5		mg/l	08/27/96	1461067
	FILTERED 1461110	I018	Sulfate as SO4	49.0		mg/l	08/01/96	1461091
	FILTERED	I018	Sulfate as SO4	48.6		mg/l	09/24/96	1461127
	FILTERED	I018	Sulfate as SO4	51.0		mg/l	10/24/96	1461215
	FILTERED	I018	Sulfate as SO4	72.9		mg/l	11/21/96	1461339
	FILTERED	I018	Sulfate as SO4	71.6		mg/l	12/18/96	1461431

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Analytical Results for Municipal Supply Wells
and Adjacent Monitoring Wells
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
GW-62-M								
			Inorganic Non-metals					
	FILTERED	I018	Sulfate as SO4	78.2		mg/l	01/23/97	1461544
	FILTERED	I018	Sulfate as SO4	59.7		mg/l	02/25/97	1461594
	FILTERED	I018	Sulfate as SO4	53.0		mg/l	03/25/97	1461615
	FILTERED	I018	Sulfate as SO4	43.2		mg/l	04/23/97	1461657
	FILTERED	I026	Bicarbonate Alkalinity as CaCO3	54.4		mg/l	08/27/96	1461067
	FILTERED 1461110	I026	Bicarbonate Alkalinity as CaCO3	55.6		mg/l	08/01/96	1461091
	FILTERED	I026	Bicarbonate Alkalinity as CaCO3	54.4		mg/l	09/24/96	1461127
	FILTERED	I026	Bicarbonate Alkalinity as CaCO3	51.6		mg/l	10/24/96	1461215
	FILTERED	I027	Carbonate Alkalinity as CaCO3	< 1.00		mg/l	08/27/96	1461067
	FILTERED 1461110	I027	Carbonate Alkalinity as CaCO3	< 1.00		mg/l	08/01/96	1461091
	FILTERED	I027	Carbonate Alkalinity as CaCO3	< 2.00		mg/l	09/24/96	1461127
	FILTERED	I027	Carbonate Alkalinity as CaCO3	< 2.00		mg/l	10/24/96	1461215
	FILTERED	I027	Carbonate Alkalinity as CaCO3	< 2.00		mg/l	11/21/96	1461339
	FILTERED	I027	Carbonate Alkalinity as CaCO3	< 2.00		mg/l	12/18/96	1461431
	FILTERED	I027	Carbonate Alkalinity as CaCO3	< 2.00		mg/l	01/23/97	1461544
	FILTERED	I027	Carbonate Alkalinity as CaCO3	< 2.00		mg/l	02/25/97	1461594
	FILTERED	I027	Carbonate Alkalinity as CaCO3	< 1.00		mg/l	03/25/97	1461615
	FILTERED	I027	Carbonate Alkalinity as CaCO3	< 2.00		mg/l	04/23/97	1461657
	FILTERED	I059	Dissolved Oxygen, Field	0.8		mg/l	09/24/96	1461127
	FILTERED	I059	Dissolved Oxygen, Field	0.9		mg/l	10/24/96	1461215
	FILTERED	I059	Dissolved Oxygen, Field	0.8		mg/l	11/21/96	1461339
	FILTERED	I059	Dissolved Oxygen, Field	1.3		mg/l	12/18/96	1461431
	FILTERED	I059	Dissolved Oxygen, Field	1.2		mg/l	01/23/97	1461544
	FILTERED	I059	Dissolved Oxygen, Field	1.2		mg/l	02/25/97	1461594
	FILTERED	I059	Dissolved Oxygen, Field	0.9		mg/l	03/25/97	1461615
	FILTERED	I059	Dissolved Oxygen, Field	1.3		mg/l	04/23/97	1461657
	FILTERED	I070	Bicarbonate as HCO3	53.8		mg/l	11/21/96	1461339
	FILTERED	I070	Bicarbonate as HCO3	53.6		mg/l	12/18/96	1461431
	FILTERED	I070	Bicarbonate as HCO3	53.0		mg/l	01/23/97	1461544
	FILTERED	I070	Bicarbonate as HCO3	49.2		mg/l	02/25/97	1461594
	FILTERED	I070	Bicarbonate as HCO3	46.4		mg/l	03/25/97	1461615
	FILTERED	I070	Bicarbonate as HCO3	47.2		mg/l	04/23/97	1461657
			Physical Properties					
	FILTERED	F002	Specific Conductance(umhos/cm @25 Deg C)	418		umhos	02/25/97	1461594
	FILTERED	F002	Specific Conductance(umhos/cm @25 Deg C)	393		umhos	04/23/97	1461657
	FILTERED	F009	pH Laboratory	6.35		Std. Un	08/27/96	1461067
	FILTERED	F009	pH Laboratory	6.46		Std. Un	10/24/96	1461215
	FILTERED	F009	pH Laboratory	6.33		Std. Un	11/21/96	1461339
	FILTERED	F009	pH Laboratory	6.86		Std. Un	12/18/96	1461431
	FILTERED	F009	pH Laboratory	6.34		Std. Un	01/23/97	1461544
	FILTERED	F009	pH Laboratory	7.02		Std. Un	02/25/97	1461594
	FILTERED	F009	pH Laboratory	6.49		Std. Un	03/25/97	1461615
	FILTERED	F009	pH Laboratory	6.81		Std. Un	04/23/97	1461657
	FILTERED	F010	Temperature	20.0		deg. C	10/24/96	1461215
	FILTERED	F010	Temperature	20.0		deg. C	11/21/96	1461339
	FILTERED	F010	Temperature	20.0		deg. C	12/18/96	1461431
	FILTERED	F010	Temperature	20.0		deg. C	01/23/97	1461544
	FILTERED	F010	Temperature	20.0		deg. C	02/25/97	1461594
	FILTERED	F010	Temperature	20.0		deg. C	03/25/97	1461615
	FILTERED	F010	Temperature	20.0		deg. C	04/23/97	1461657
	FILTERED	F037	pH Field	5.92		Std. Un	08/27/96	1461067
		F037	pH Field	6.03		Std. Un	08/01/96	1461110
	FILTERED	F037	pH Field	6.04		Std. Un	09/24/96	1461127
	FILTERED	F037	pH Field	5.92		Std. Un	10/24/96	1461215
	FILTERED	F037	pH Field	5.84		Std. Un	11/21/96	1461339
	FILTERED	F037	pH Field	5.97		Std. Un	12/18/96	1461431
	FILTERED	F037	pH Field	5.63		Std. Un	01/23/97	1461544

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TABLE 2-23
Analytical Results for Municipal Supply Wells
and Adjacent Monitoring Wells
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Samp Numb
GW-62-M								
			Physical Properties					
	FILTERED	F037	pH Field	5.67		Std. Un	02/25/97	14615
	FILTERED	F037	pH Field	5.86		Std. Un	03/25/97	14616
	FILTERED	F037	pH Field	5.86		Std. Un	04/23/97	14616
	FILTERED	F062	Specific Conductance - Field	419		umhos	08/27/96	14610
		F062	Specific Conductance - Field	409		umhos	08/01/96	14611
	FILTERED	F062	Specific Conductance - Field	388		umhos	09/24/96	14611
	FILTERED	F062	Specific Conductance - Field	439		umhos	10/24/96	14612
	FILTERED	F062	Specific Conductance - Field	437		umhos	11/21/96	14613
	FILTERED	F062	Specific Conductance - Field	457		umhos	12/18/96	14614
	FILTERED	F062	Specific Conductance - Field	455		umhos	01/23/97	14615
	FILTERED	F062	Specific Conductance - Field	420		umhos	02/25/97	14615
	FILTERED	F062	Specific Conductance - Field	401		umhos	03/25/97	14616
	FILTERED	F062	Specific Conductance - Field	385		umhos	04/23/97	14616
	FILTERED	F064	Temperature - Field	10.1		deg. C	08/27/96	14610
		F064	Temperature - Field	10.0		deg. C	08/01/96	14611
	FILTERED	F064	Temperature - Field	10.4		deg. C	09/24/96	14611
	FILTERED	F064	Temperature - Field	10.1		deg. C	10/24/96	14612
	FILTERED	F064	Temperature - Field	9.2		deg. C	11/21/96	14613
	FILTERED	F064	Temperature - Field	9.1		deg. C	12/18/96	14614
	FILTERED	F064	Temperature - Field	8.9		deg. C	01/23/97	14615
	FILTERED	F064	Temperature - Field	8.2		deg. C	02/25/97	14615
	FILTERED	F064	Temperature - Field	9.3		deg. C	03/25/97	14616
	FILTERED	F064	Temperature - Field	9.8		deg. C	04/23/97	14616
GW-62-S								
			Metals					
		M001	Aluminum	< 0.10		mg/l	10/16/95	1
		M003	Arsenic	0.025		mg/l	10/16/95	14
		M004	Barium	0.024		mg/l	10/16/95	14605
		M007	Calcium	35		mg/l	10/16/95	14605
		M008	Chromium	< 0.015		mg/l	10/16/95	14605
		M008	Chromium	< 0.010		mg/l	08/01/96	14611
		M011	Iron	17		mg/l	10/16/95	14605
		M012	Lead	< 0.005		mg/l	10/16/95	14605
		M013	Magnesium	5.3		mg/l	10/16/95	14605
		M014	Manganese	5.0		mg/l	10/16/95	14605
		M017	Potassium	9.8		mg/l	10/16/95	14605
		M020	Sodium	30		mg/l	10/16/95	14605
			Metals - Dissolved					
	FILTERED 1460335	M028	Arsenic, Dissolved	0.012		mg/l	01/12/95	14601
	FILTERED 1460564	M028	Arsenic, Dissolved	0.028		mg/l	10/16/95	14605
	FILTERED 1460335	M029	Barium, Dissolved	0.011		mg/l	01/12/95	14601
	FILTERED 1460564	M029	Barium, Dissolved	0.025		mg/l	10/16/95	14605
	FILTERED 1460335	M033	Calcium, Dissolved	36		mg/l	01/12/95	14601
	FILTERED 1460564	M033	Calcium, Dissolved	37		mg/l	10/16/95	14605
	FILTERED	M033	Calcium, Dissolved	29.4		mg/l	08/27/96	14610
	FILTERED 1461109	M033	Calcium, Dissolved	29.2		mg/l	08/01/96	14610
	FILTERED	M033	Calcium, Dissolved	29.8		mg/l	09/24/96	14611
	FILTERED	M033	Calcium, Dissolved	28.3		mg/l	10/24/96	14612
	FILTERED	M033	Calcium, Dissolved	30.5		mg/l	11/21/96	14613
	FILTERED	M033	Calcium, Dissolved	29.3		mg/l	12/18/96	14614
	FILTERED	M033	Calcium, Dissolved	24.8		mg/l	01/23/97	14615
	FILTERED	M033	Calcium, Dissolved	27.2		mg/l	02/25/97	14615
	FILTERED	M033	Calcium, Dissolved	27.3		mg/l	03/25/97	14616
	FILTERED	M033	Calcium, Dissolved	22.9		mg/l	04/23/97	14616
	FILTERED 1460335	M035	Hexavalent Chromium, Dissolved	< 0.015		mg/l	01/12/95	14601
	FILTERED 1460564	M035	Hexavalent Chromium, Dissolved	< 0.015		mg/l	10/16/95	14605
	FILTERED 1460335	M036	Chromium, Dissolved	< 0.015		mg/l	01/12/95	14601
	FILTERED 1460564	M036	Chromium, Dissolved	< 0.015		mg/l	10/16/95	14605

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TABLE 2-23
Analytical Results for Municipal Supply Wells
and Adjacent Monitoring Wells
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
GW-62-S			Metals - Dissolved					
	FILTERED	M036	Chromium, Dissolved	< 0.010		mg/l	08/27/96	1461066
	FILTERED 1461109	M036	Chromium, Dissolved	< 0.010		mg/l	08/01/96	1461090
	FILTERED	M036	Chromium, Dissolved	< 0.010		mg/l	09/24/96	1461126
	FILTERED	M036	Chromium, Dissolved	< 0.010		mg/l	10/24/96	1461214
	FILTERED	M036	Chromium, Dissolved	< 0.010		mg/l	11/21/96	1461338
	FILTERED	M036	Chromium, Dissolved	< 0.010		mg/l	12/18/96	1461430
	FILTERED	M036	Chromium, Dissolved	< 0.010		mg/l	01/23/97	1461543
	FILTERED	M036	Chromium, Dissolved	< 0.01		mg/l	02/25/97	1461593
	FILTERED	M036	Chromium, Dissolved	< 0.010		mg/l	03/25/97	1461614
	FILTERED	M036	Chromium, Dissolved	< 0.010		mg/l	04/23/97	1461656
	FILTERED 1460335	M040	Iron, Dissolved	11.0		mg/l	01/12/95	1460189
	FILTERED 1460564	M040	Iron, Dissolved	20.0		mg/l	10/16/95	1460563
	FILTERED	M040	Iron, Dissolved	5.82		mg/l	10/24/96	1461214
	FILTERED	M040	Iron, Dissolved	6.91		mg/l	11/21/96	1461338
	FILTERED	M040	Iron, Dissolved	5.34		mg/l	12/18/96	1461430
	FILTERED	M040	Iron, Dissolved	4.47		mg/l	01/23/97	1461543
	FILTERED	M040	Iron, Dissolved	7.42		mg/l	02/25/97	1461593
	FILTERED	M040	Iron, Dissolved	7.30		mg/l	03/25/97	1461614
	FILTERED	M040	Iron, Dissolved	4.84		mg/l	04/23/97	1461656
	FILTERED 1460335	M042	Potassium, Dissolved	7.8		mg/l	01/12/95	1460189
	FILTERED 1460564	M042	Potassium, Dissolved	10		mg/l	10/16/95	1460563
	FILTERED	M042	Potassium, Dissolved	7.1		mg/l	10/24/96	1461214
	FILTERED	M042	Potassium, Dissolved	7.21		mg/l	11/21/96	1461338
	FILTERED	M042	Potassium, Dissolved	6.54		mg/l	12/18/96	1461430
	FILTERED	M042	Potassium, Dissolved	5.62		mg/l	01/23/97	1461543
	FILTERED	M042	Potassium, Dissolved	5.64		mg/l	02/25/97	1461593
	FILTERED	M042	Potassium, Dissolved	5.98		mg/l	03/25/97	1461614
	FILTERED	M042	Potassium, Dissolved	5.43		mg/l	04/23/97	1461656
	FILTERED 1460335	M044	Magnesium, Dissolved	5.5		mg/l	01/12/95	1460189
	FILTERED 1460564	M044	Magnesium, Dissolved	5.7		mg/l	10/16/95	1460563
	FILTERED	M044	Magnesium, Dissolved	< 5.00		mg/l	08/27/96	1461066
	FILTERED 1461109	M044	Magnesium, Dissolved	< 5.00	u	mg/l	08/01/96	1461090
	FILTERED	M044	Magnesium, Dissolved	< 5.00		mg/l	09/24/96	1461126
	FILTERED	M044	Magnesium, Dissolved	< 5.00		mg/l	10/24/96	1461214
	FILTERED	M044	Magnesium, Dissolved	< 5.0		mg/l	11/21/96	1461338
	FILTERED	M044	Magnesium, Dissolved	< 5.0		mg/l	12/18/96	1461430
	FILTERED	M044	Magnesium, Dissolved	< 5.0		mg/l	01/23/97	1461543
	FILTERED	M044	Magnesium, Dissolved	4.04		mg/l	02/25/97	1461593
	FILTERED	M044	Magnesium, Dissolved	< 5.0		mg/l	03/25/97	1461614
	FILTERED	M044	Magnesium, Dissolved	< 5.00		mg/l	04/23/97	1461656
	FILTERED 1460335	M045	Manganese, Dissolved	5		mg/l	01/12/95	1460189
	FILTERED 1460564	M045	Manganese, Dissolved	4.8		mg/l	10/16/95	1460563
	FILTERED 1460335	M047	Sodium, Dissolved	28		mg/l	01/12/95	1460189
	FILTERED 1460564	M047	Sodium, Dissolved	31		mg/l	10/16/95	1460563
	FILTERED	M047	Sodium, Dissolved	30.3		mg/l	08/27/96	1461066
	FILTERED 1461109	M047	Sodium, Dissolved	33.0		mg/l	08/01/96	1461090
	FILTERED	M047	Sodium, Dissolved	31.0		mg/l	09/24/96	1461126
	FILTERED	M047	Sodium, Dissolved	30.5		mg/l	10/24/96	1461214
	FILTERED	M047	Sodium, Dissolved	30.5		mg/l	11/21/96	1461338
	FILTERED	M047	Sodium, Dissolved	27.1		mg/l	12/18/96	1461430
	FILTERED	M047	Sodium, Dissolved	25.4		mg/l	01/23/97	1461543
	FILTERED	M047	Sodium, Dissolved	24.7		mg/l	02/25/97	1461593
	FILTERED	M047	Sodium, Dissolved	28.8		mg/l	03/25/97	1461614
	FILTERED	M047	Sodium, Dissolved	28.6		mg/l	04/23/97	1461656
	FILTERED 1460335	M048	Lead, Dissolved	< 0.005		mg/l	01/12/95	1460189
	FILTERED 1460564	M048	Lead, Dissolved	< 0.005		mg/l	10/16/95	1460563
	FILTERED 1460335	M054	Aluminum, Dissolved	< 0.10		mg/l	01/12/95	1460189
	FILTERED 1460564	M054	Aluminum, Dissolved	< 0.10		mg/l	10/16/95	1460563
	FILTERED	M054	Aluminum, Dissolved	< 0.2		mg/l	02/25/97	1461593

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TABLE 2-23
Analytical Results for Municipal Supply Wells
and Adjacent Monitoring Wells
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
GW-62-S								
			Metals - Dissolved					
	FILTERED 1460335	M109	Trivalent Chromium, Dissolved	< 0.015		mg/l	01/12/95	1460189
	FILTERED 1460564	M109	Trivalent Chromium, Dissolved	< 0.015		mg/l	10/16/95	1460563
	FILTERED 1460335	M111	Total Iron, Field	86		mg/l	01/12/95	1460189
	FILTERED 1460564	M111	Total Iron, Field	16.4		mg/l	10/16/95	1460563
	FILTERED 1460335	M112	Iron as Fe+2 - Field	7.7		mg/l	01/12/95	1460189
	FILTERED 1460564	M112	Iron as Fe+2 - Field	8.15		mg/l	10/16/95	1460563
	FILTERED 1460335	M113	Iron as Fe+3 - Field	78.3		mg/l	01/12/95	1460189
	FILTERED 1460564	M113	Iron as Fe+3 - Field	8.25		mg/l	10/16/95	1460563
	FILTERED 1460335	M114	Hexavalent Chromium, Field	0.01		mg/l	01/12/95	1460189
	FILTERED 1460564	M114	Hexavalent Chromium, Field	< 0.0		mg/l	10/16/95	1460563
			Inorganic Non-metals					
	FILTERED	I002	Total Alkalinity as CaCO3	72.0		mg/l	08/27/96	1461066
	FILTERED	I002	Total Alkalinity as CaCO3	82.4		mg/l	09/24/96	1461126
	FILTERED	I002	Total Alkalinity as CaCO3	72.0		mg/l	10/24/96	1461214
	FILTERED	I002	Total Alkalinity as CaCO3	84.4		mg/l	11/21/96	1461338
	FILTERED	I002	Total Alkalinity as CaCO3	87.2		mg/l	12/18/96	1461430
	FILTERED	I002	Total Alkalinity as CaCO3	75.8		mg/l	01/23/97	1461543
	FILTERED	I002	Total Alkalinity as CaCO3	72.4		mg/l	02/25/97	1461593
	FILTERED	I002	Total Alkalinity as CaCO3	82.4		mg/l	03/25/97	1461614
	FILTERED	I002	Total Alkalinity as CaCO3	70.8		mg/l	04/23/97	1461656
	FILTERED 1460335	I005	Chloride	73		mg/l	01/12/95	1460189
	FILTERED 1460564	I005	Chloride	50		mg/l	10/16/95	1460563
	FILTERED	I005	Chloride	57.4		mg/l	08/27/96	1461066
	FILTERED 1461109	I005	Chloride	57.4	j	mg/l	08/01/96	1461090
	FILTERED	I005	Chloride	58.8		mg/l	09/24/96	1461126
	FILTERED	I005	Chloride	59.0		mg/l	10/24/96	14[illegible]4
	FILTERED	I005	Chloride	57.1		mg/l	11/21/96	1[illegible]
	FILTERED	I005	Chloride	53.5	N	mg/l	12/18/96	14[illegible]0
	FILTERED	I005	Chloride	53.0		mg/l	01/23/97	1461543
	FILTERED	I005	Chloride	51.4		mg/l	02/25/97	1461593
	FILTERED	I005	Chloride	51.5		mg/l	03/25/97	1461614
	FILTERED	I005	Chloride	48.6		mg/l	04/23/97	1461656
	FILTERED 1460335	I009	Nitrogen, Ammonia	2.3		mg/l	01/12/95	1460189
	FILTERED 1460564	I009	Nitrogen, Ammonia	2.2		mg/l	10/16/95	1460563
		I009	Nitrogen, Ammonia	2.3		mg/l	10/16/95	1460564
	FILTERED	I009	Nitrogen, Ammonia	1.44		mg/l	08/27/96	1461066
	FILTERED 1461109	I009	Nitrogen, Ammonia	1.32		mg/l	08/01/96	1461090
	FILTERED	I009	Nitrogen, Ammonia	1.18		mg/l	09/24/96	1461126
	FILTERED	I009	Nitrogen, Ammonia	1.39		mg/l	10/24/96	1461214
	FILTERED	I009	Nitrogen, Ammonia	1.95		mg/l	11/21/96	1461338
	FILTERED	I009	Nitrogen, Ammonia	1.48		mg/l	12/18/96	1461430
	FILTERED	I009	Nitrogen, Ammonia	1.55		mg/l	01/23/97	1461543
	FILTERED	I009	Nitrogen, Ammonia	1.41		mg/l	02/25/97	1461593
	FILTERED	I009	Nitrogen, Ammonia	1.13		mg/l	03/25/97	1461614
	FILTERED	I009	Nitrogen, Ammonia	1.25		mg/l	04/23/97	1461656
	FILTERED 1460335	I012	Nitrate as N	< 0.05		mg/l	01/12/95	1460189
	FILTERED 1460564	I012	Nitrate as N	< 0.05	uj	mg/l	10/16/95	1460563
	FILTERED 1460335	I014	Nitrite as N	< 0.05		mg/l	01/12/95	1460189
	FILTERED 1460564	I014	Nitrite as N	0.11	j	mg/l	10/16/95	1460563
	FILTERED 1460335	I017	Ortho Phosphate as Phosphorus	< 0.02		mg/l	01/12/95	1460189
	FILTERED 1460564	I017	Ortho Phosphate as Phosphorus	< 0.02		mg/l	10/16/95	1460563
	FILTERED 1460335	I018	Sulfate as SO4	65		mg/l	01/12/95	1460189
	FILTERED 1460564	I018	Sulfate as SO4	57		mg/l	10/16/95	1460563
	FILTERED	I018	Sulfate as SO4	54.3		mg/l	08/27/96	1461066
	FILTERED 1461109	I018	Sulfate as SO4	44.0		mg/l	08/01/96	1461090
	FILTERED	I018	Sulfate as SO4	53.9		mg/l	09/24/96	1461126
	FILTERED	I018	Sulfate as SO4	53.5		mg/l	10/24/96	1461214
	FILTERED	I018	Sulfate as SO4	51.9		mg/l	11/21/96	1461338
	FILTERED	I018	Sulfate as SO4	47.7		mg/l	12/18/96	1461430

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TABLE 2-23
Analytical Results for Municipal Supply Wells
and Adjacent Monitoring Wells
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
GW-62-S								
			Inorganic Non-metals					
	FILTERED	I018	Sulfate as SO4	47.7		mg/l	01/23/97	1461543
	FILTERED	I018	Sulfate as SO4	38.3		mg/l	02/25/97	1461593
	FILTERED	I018	Sulfate as SO4	41.7		mg/l	03/25/97	1461614
	FILTERED	I018	Sulfate as SO4	38.8		mg/l	04/23/97	1461656
	FILTERED 1460335	I026	Bicarbonate Alkalinity as CaCO3	71		mg/l	01/12/95	1460189
	FILTERED 1460564	I026	Bicarbonate Alkalinity as CaCO3	93		mg/l	10/16/95	1460563
	FILTERED	I026	Bicarbonate Alkalinity as CaCO3	72.0		mg/l	08/27/96	1461066
	FILTERED 1461109	I026	Bicarbonate Alkalinity as CaCO3	78.8		mg/l	08/01/96	1461090
	FILTERED	I026	Bicarbonate Alkalinity as CaCO3	82.4		mg/l	09/24/96	1461126
	FILTERED	I026	Bicarbonate Alkalinity as CaCO3	72.0		mg/l	10/24/96	1461214
	FILTERED 1460335	I027	Carbonate Alkalinity as CaCO3	< 20		mg/l	01/12/95	1460189
	FILTERED 1460564	I027	Carbonate Alkalinity as CaCO3	< 20		mg/l	10/16/95	1460563
	FILTERED	I027	Carbonate Alkalinity as CaCO3	< 1.00		mg/l	08/27/96	1461066
	FILTERED 1461109	I027	Carbonate Alkalinity as CaCO3	< 1.00		mg/l	08/01/96	1461090
	FILTERED	I027	Carbonate Alkalinity as CaCO3	< 2.00		mg/l	09/24/96	1461126
	FILTERED	I027	Carbonate Alkalinity as CaCO3	< 2.00		mg/l	10/24/96	1461214
	FILTERED	I027	Carbonate Alkalinity as CaCO3	< 2.00		mg/l	11/21/96	1461338
	FILTERED	I027	Carbonate Alkalinity as CaCO3	< 2.00		mg/l	12/18/96	1461430
	FILTERED	I027	Carbonate Alkalinity as CaCO3	< 2.00		mg/l	01/23/97	1461543
	FILTERED	I027	Carbonate Alkalinity as CaCO3	< 2.00		mg/l	02/25/97	1461593
	FILTERED	I027	Carbonate Alkalinity as CaCO3	< 1.00		mg/l	03/25/97	1461614
	FILTERED	I027	Carbonate Alkalinity as CaCO3	< 2.00		mg/l	04/23/97	1461656
	FILTERED 1460335	I030	Bromide	2.2		mg/l	01/12/95	1460189
	FILTERED 1460564	I030	Bromide	< 1	uj	mg/l	10/16/95	1460563
	FILTERED 1460335	I040	Silica as SiO2	5.6		mg/l	01/12/95	1460189
	FILTERED 1460564	I040	Silica as SiO2	6.9		mg/l	10/16/95	1460563
		I040	Silica as SiO2	6.5		mg/l	10/16/95	1460564
	FILTERED 1460335	I044	Phosphorous	< 0.1		mg/l	01/12/95	1460189
	FILTERED 1460564	I044	Phosphorous	< 0.10	uj	mg/l	10/16/95	1460563
	FILTERED 1460335	I048	Total Inorganic Carbon	51		mg/l	01/12/95	1460189
	FILTERED 1460335	I058	Sulfide	< 1		mg/l	01/12/95	1460189
	FILTERED 1460564	I058	Sulfide	< 1		mg/l	10/16/95	1460563
		I059	Dissolved Oxygen, Field	0.1		mg/l	01/12/95	1460335
		I059	Dissolved Oxygen, Field	< 0.0		mg/l	10/16/95	1460564
	FILTERED	I059	Dissolved Oxygen, Field	1.5		mg/l	09/24/96	1461126
	FILTERED	I059	Dissolved Oxygen, Field	0.6		mg/l	10/24/96	1461214
	FILTERED	I059	Dissolved Oxygen, Field	1.2		mg/l	11/21/96	1461338
	FILTERED	I059	Dissolved Oxygen, Field	1.6		mg/l	12/18/96	1461430
	FILTERED	I059	Dissolved Oxygen, Field	1.3		mg/l	01/23/97	1461543
	FILTERED	I059	Dissolved Oxygen, Field	1.0		mg/l	02/25/97	1461593
	FILTERED	I059	Dissolved Oxygen, Field	0.9		mg/l	03/25/97	1461614
	FILTERED	I059	Dissolved Oxygen, Field	1.2		mg/l	04/23/97	1461656
		I060	Eh Field	+242		mv	01/12/95	1460335
		I060	Eh Field	+242		mv	10/16/95	1460564
	FILTERED 1460564	I067	Alkalinity - Field	92		mg/l	10/16/95	1460563
	FILTERED	I070	Bicarbonate as HCO3	84.4		mg/l	11/21/96	1461338
	FILTERED	I070	Bicarbonate as HCO3	87.2		mg/l	12/18/96	1461430
	FILTERED	I070	Bicarbonate as HCO3	75.8		mg/l	01/23/97	1461543
	FILTERED	I070	Bicarbonate as HCO3	72.4		mg/l	02/25/97	1461593
	FILTERED	I070	Bicarbonate as HCO3	82.4		mg/l	03/25/97	1461614
	FILTERED	I070	Bicarbonate as HCO3	70.8		mg/l	04/23/97	1461656
			Organics					
	FILTERED 1460335	O004	Total Organic Carbon (TOC)	3.8		mg/l	01/12/95	1460189
	FILTERED 1460564	O004	Total Organic Carbon (TOC)	6.6	j	mg/l	10/16/95	1460563
			Physical Properties					
	FILTERED	F002	Specific Conductance(umhos/cm @25 Deg C)	405		umhos	02/25/97	1461593
	FILTERED	F002	Specific Conductance(umhos/cm @25 Deg C)	381		umhos	04/23/97	1461656

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TABLE 2-23
Analytical Results for Municipal Supply Wells
and Adjacent Monitoring Wells
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
GW-62-S								
			Physical Properties					
	FILTERED 1460335	F007	Total Dissolved Solids (TDS)	270		mg/l	01/12/95	1460189
	FILTERED 1460564	F007	Total Dissolved Solids (TDS)	260		mg/l	10/16/95	1460563
	FILTERED	F009	pH Laboratory	6.10		Std. Un	08/27/96	1461066
	FILTERED	F009	pH Laboratory	6.34		Std. Un	10/24/96	1461214
	FILTERED	F009	pH Laboratory	6.15		Std. Un	11/21/96	1461338
	FILTERED	F009	pH Laboratory	6.75		Std. Un	12/18/96	1461430
	FILTERED	F009	pH Laboratory	6.16		Std. Un	01/23/97	1461543
	FILTERED	F009	pH Laboratory	6.86		Std. Un	02/25/97	1461593
	FILTERED	F009	pH Laboratory	6.36		Std. Un	03/25/97	1461614
	FILTERED	F009	pH Laboratory	6.31		Std. Un	04/23/97	1461656
	FILTERED	F010	Temperature	20.0		deg. C	10/24/96	1461214
	FILTERED	F010	Temperature	20.0		deg. C	11/21/96	1461338
	FILTERED	F010	Temperature	20.0		deg. C	12/18/96	1461430
	FILTERED	F010	Temperature	20.0		deg. C	01/23/97	1461543
	FILTERED	F010	Temperature	20.0		deg. C	02/25/97	1461593
	FILTERED	F010	Temperature	20.0		deg. C	03/25/97	1461614
	FILTERED	F010	Temperature	20.0		deg. C	04/23/97	1461656
	FILTERED 1460335	F031	Viscosity	3.00		cpoise	01/12/95	1460189
	FILTERED 1460564	F031	Viscosity	3.00		cpoise	10/16/95	1460563
		F037	pH Field	5.30		Std. Un	01/12/95	1460335
		F037	pH Field	5.98		Std. Un	10/16/95	1460564
	FILTERED	F037	pH Field	5.65		Std. Un	08/27/96	1461066
		F037	pH Field	5.80		Std. Un	08/01/96	1461109
	FILTERED	F037	pH Field	5.92		Std. Un	09/24/96	1461126
	FILTERED	F037	pH Field	5.72		Std. Un	10/24/96	1461214
	FILTERED	F037	pH Field	5.67		Std. Un	11/21/96	14[illegible]38
	FILTERED	F037	pH Field	5.74		Std. Un	12/18/96	1[illegible]
	FILTERED	F037	pH Field	5.61		Std. Un	01/23/97	1[illegible]3
	FILTERED	F037	pH Field	5.65		Std. Un	02/25/97	1461593
	FILTERED	F037	pH Field	5.80		Std. Un	03/25/97	1461614
	FILTERED	F037	pH Field	5.80		Std. Un	04/23/97	1461656
		F062	Specific Conductance - Field	439		umhos	01/12/95	1460335
		F062	Specific Conductance - Field	486		umhos	10/16/95	1460564
	FILTERED	F062	Specific Conductance - Field	478		umhos	08/27/96	1461066
		F062	Specific Conductance - Field	465		umhos	08/01/96	1461109
	FILTERED	F062	Specific Conductance - Field	471		umhos	09/24/96	1461126
	FILTERED	F062	Specific Conductance - Field	486		umhos	10/24/96	1461214
	FILTERED	F062	Specific Conductance - Field	458		umhos	11/21/96	1461338
	FILTERED	F062	Specific Conductance - Field	450		umhos	12/18/96	1461430
	FILTERED	F062	Specific Conductance - Field	406		umhos	01/23/97	1461543
	FILTERED	F062	Specific Conductance - Field	411		umhos	02/25/97	1461593
	FILTERED	F062	Specific Conductance - Field	418		umhos	03/25/97	1461614
	FILTERED	F062	Specific Conductance - Field	409		umhos	04/23/97	1461656
		F064	Temperature - Field	8.8		deg. C	01/12/95	1460335
		F064	Temperature - Field	12.7		deg. C	10/16/95	1460564
	FILTERED	F064	Temperature - Field	12.1		deg. C	08/27/96	1461066
		F064	Temperature - Field	11.5		deg. C	08/01/96	1461109
	FILTERED	F064	Temperature - Field	12.7		deg. C	09/24/96	1461126
	FILTERED	F064	Temperature - Field	12.1		deg. C	10/24/96	1461214
	FILTERED	F064	Temperature - Field	10.1		deg. C	11/21/96	1461338
	FILTERED	F064	Temperature - Field	9.3		deg. C	12/18/96	1461430
	FILTERED	F064	Temperature - Field	7.5		deg. C	01/23/97	1461543
	FILTERED	F064	Temperature - Field	5.8		deg. C	02/25/97	1461593
	FILTERED	F064	Temperature - Field	6.5		deg. C	03/25/97	1461614
	FILTERED	F064	Temperature - Field	7.2		deg. C	04/23/97	1461656
GW-63-D								
			Metals					
		M008	Chromium	< 0.010		mg/l	07/31/96	1461097

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TABLE 2-23
Analytical Results for Municipal Supply Wells
and Adjacent Monitoring Wells
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID		Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
GW-63-D									
				Metals - Dissolved					
	FILTERED		M033	Calcium, Dissolved	55.6		mg/l	08/27/96	1461062
	FILTERED	1461097	M033	Calcium, Dissolved	39.8		mg/l	07/31/96	1461078
	FILTERED		M033	Calcium, Dissolved	51.1		mg/l	09/24/96	1461122
	FILTERED		M033	Calcium, Dissolved	26.1		mg/l	10/24/96	1461218
	FILTERED		M033	Calcium, Dissolved	35.7		mg/l	11/21/96	1461342
	FILTERED		M033	Calcium, Dissolved	37.5		mg/l	12/18/96	1461434
	FILTERED		M033	Calcium, Dissolved	33.4		mg/l	01/23/97	1461547
	FILTERED		M033	Calcium, Dissolved	31.1		mg/l	02/25/97	1461597
	FILTERED		M033	Calcium, Dissolved	30.7		mg/l	03/25/97	1461618
	FILTERED		M033	Calcium, Dissolved	31.6		mg/l	04/23/97	1461660
	FILTERED		M036	Chromium, Dissolved	< 0.010		mg/l	08/27/96	1461062
	FILTERED	1461097	M036	Chromium, Dissolved	< 0.010		mg/l	07/31/96	1461078
	FILTERED		M036	Chromium, Dissolved	< 0.010		mg/l	09/24/96	1461122
	FILTERED		M036	Chromium, Dissolved	< 0.010		mg/l	10/24/96	1461218
	FILTERED		M036	Chromium, Dissolved	< 0.010		mg/l	11/21/96	1461342
	FILTERED		M036	Chromium, Dissolved	< 0.010		mg/l	12/18/96	1461434
	FILTERED		M036	Chromium, Dissolved	< 0.010		mg/l	01/23/97	1461547
	FILTERED		M036	Chromium, Dissolved	< 0.010		mg/l	02/25/97	1461597
	FILTERED		M036	Chromium, Dissolved	< 0.010		mg/l	03/25/97	1461618
	FILTERED		M036	Chromium, Dissolved	< 0.010		mg/l	04/23/97	1461660
	FILTERED		M040	Iron, Dissolved	3.06		mg/l	10/24/96	1461218
	FILTERED		M040	Iron, Dissolved	5.13		mg/l	11/21/96	1461342
	FILTERED		M040	Iron, Dissolved	5.41		mg/l	12/18/96	1461434
	FILTERED		M040	Iron, Dissolved	4.67		mg/l	01/23/97	1461547
	FILTERED		M040	Iron, Dissolved	4.48		mg/l	02/25/97	1461597
	FILTERED		M040	Iron, Dissolved	4.53		mg/l	03/25/97	1461618
	FILTERED		M040	Iron, Dissolved	4.50		mg/l	04/23/97	1461660
	FILTERED		M042	Potassium, Dissolved	< 5.0		mg/l	10/24/96	1461218
	FILTERED		M042	Potassium, Dissolved	< 5.0		mg/l	11/21/96	1461342
	FILTERED		M042	Potassium, Dissolved	< 5.0		mg/l	12/18/96	1461434
	FILTERED		M042	Potassium, Dissolved	< 5.0		mg/l	01/23/97	1461547
	FILTERED		M042	Potassium, Dissolved	2.55		mg/l	02/25/97	1461597
	FILTERED		M042	Potassium, Dissolved	< 5.0		mg/l	03/25/97	1461618
	FILTERED		M042	Potassium, Dissolved	< 5.00		mg/l	04/23/97	1461660
	FILTERED		M044	Magnesium, Dissolved	8.92		mg/l	08/27/96	1461062
	FILTERED	1461097	M044	Magnesium, Dissolved	6.66		mg/l	07/31/96	1461078
	FILTERED		M044	Magnesium, Dissolved	8.09		mg/l	09/24/96	1461122
	FILTERED		M044	Magnesium, Dissolved	< 5.00		mg/l	10/24/96	1461218
	FILTERED		M044	Magnesium, Dissolved	5.95		mg/l	11/21/96	1461342
	FILTERED		M044	Magnesium, Dissolved	5.95		mg/l	12/18/96	1461434
	FILTERED		M044	Magnesium, Dissolved	5.53		mg/l	01/23/97	1461547
	FILTERED		M044	Magnesium, Dissolved	5.43		mg/l	02/25/97	1461597
	FILTERED		M044	Magnesium, Dissolved	5.29		mg/l	03/25/97	1461618
	FILTERED		M044	Magnesium, Dissolved	5.12		mg/l	04/23/97	1461660
	FILTERED		M047	Sodium, Dissolved	48.6		mg/l	08/27/96	1461062
	FILTERED	1461097	M047	Sodium, Dissolved	43.1		mg/l	07/31/96	1461078
	FILTERED		M047	Sodium, Dissolved	54.1		mg/l	09/24/96	1461122
	FILTERED		M047	Sodium, Dissolved	44.4		mg/l	10/24/96	1461218
	FILTERED		M047	Sodium, Dissolved	46.2		mg/l	11/21/96	1461342
	FILTERED		M047	Sodium, Dissolved	44.2		mg/l	12/18/96	1461434
	FILTERED		M047	Sodium, Dissolved	46.7		mg/l	01/23/97	1461547
	FILTERED		M047	Sodium, Dissolved	43.7		mg/l	02/25/97	1461597
	FILTERED		M047	Sodium, Dissolved	53.4		mg/l	03/25/97	1461618
	FILTERED		M047	Sodium, Dissolved	46.2		mg/l	04/23/97	1461660
	FILTERED		M054	Aluminum, Dissolved	< 0.2		mg/l	02/25/97	1461597
				Inorganic Non-metals					
	FILTERED		I002	Total Alkalinity as CaCO3	125		mg/l	08/27/96	1461062
	FILTERED		I002	Total Alkalinity as CaCO3	108		mg/l	09/24/96	1461122
	FILTERED		I002	Total Alkalinity as CaCO3	66.4		mg/l	10/24/96	1461218

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TABLE 2-23
Analytical Results for Municipal Supply Wells
and Adjacent Monitoring Wells
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
GW-63-D								
			Inorganic Non-metals					
	FILTERED	I002	Total Alkalinity as CaCO3	84.2		mg/l	11/21/96	1461342
	FILTERED	I002	Total Alkalinity as CaCO3	94.4		mg/l	12/18/96	1461434
	FILTERED	I002	Total Alkalinity as CaCO3	83.8		mg/l	01/23/97	1461547
	FILTERED	I002	Total Alkalinity as CaCO3	70.6		mg/l	02/25/97	1461597
	FILTERED	I002	Total Alkalinity as CaCO3	73.8		mg/l	03/25/97	1461618
	FILTERED	I002	Total Alkalinity as CaCO3	69.8		mg/l	04/23/97	1461660
	FILTERED	I005	Chloride	87.0		mg/l	08/27/96	1461062
	FILTERED 1461097	I005	Chloride	104	j	mg/l	07/31/96	1461078
	FILTERED	I005	Chloride	95.1		mg/l	09/24/96	1461122
	FILTERED	I005	Chloride	87.3		mg/l	10/24/96	1461218
	FILTERED	I005	Chloride	99.8		mg/l	11/21/96	1461342
	FILTERED	I005	Chloride	94.7	N	mg/l	12/18/96	1461434
	FILTERED	I005	Chloride	92.7		mg/l	01/23/97	1461547
	FILTERED	I005	Chloride	99.8		mg/l	02/25/97	1461597
	FILTERED	I005	Chloride	99.8		mg/l	03/25/97	1461618
	FILTERED	I005	Chloride	100		mg/l	04/23/97	1461660
	FILTERED	I009	Nitrogen, Ammonia	0.22		mg/l	08/27/96	1461062
	FILTERED 1461097	I009	Nitrogen, Ammonia	0.09		mg/l	07/31/96	1461078
	FILTERED	I009	Nitrogen, Ammonia	0.19		mg/l	09/24/96	1461122
	FILTERED	I009	Nitrogen, Ammonia	0.23		mg/l	10/24/96	1461218
	FILTERED	I009	Nitrogen, Ammonia	0.17		mg/l	11/21/96	1461342
	FILTERED	I009	Nitrogen, Ammonia	0.13		mg/l	12/18/96	1461434
	FILTERED	I009	Nitrogen, Ammonia	0.26		mg/l	01/23/97	1461547
	FILTERED	I009	Nitrogen, Ammonia	0.23		mg/l	02/25/97	1461597
	FILTERED	I009	Nitrogen, Ammonia	0.19		mg/l	03/25/97	1461618
	FILTERED	I009	Nitrogen, Ammonia	0.30		mg/l	04/23/97	14[illegible]0
	FILTERED	I018	Sulfate as SO4	52.7		mg/l	08/27/96	1[illegible]2
	FILTERED 1461097	I018	Sulfate as SO4	54.7		mg/l	07/31/96	1[illegible].8
	FILTERED	I018	Sulfate as SO4	70.0		mg/l	09/24/96	1461122
	FILTERED	I018	Sulfate as SO4	33.7		mg/l	10/24/96	1461218
	FILTERED	I018	Sulfate as SO4	47.7		mg/l	11/21/96	1461342
	FILTERED	I018	Sulfate as SO4	44.0		mg/l	12/18/96	1461434
	FILTERED	I018	Sulfate as SO4	35.0		mg/l	01/23/97	1461547
	FILTERED	I018	Sulfate as SO4	29.6		mg/l	02/25/97	1461597
	FILTERED	I018	Sulfate as SO4	32.2		mg/l	03/25/97	1461618
	FILTERED	I018	Sulfate as SO4	26.7		mg/l	04/23/97	1461660
	FILTERED	I026	Bicarbonate Alkalinity as CaCO3	125		mg/l	08/27/96	1461062
	FILTERED 1461097	I026	Bicarbonate Alkalinity as CaCO3	79.4		mg/l	07/31/96	1461078
	FILTERED	I026	Bicarbonate Alkalinity as CaCO3	108		mg/l	09/24/96	1461122
	FILTERED	I026	Bicarbonate Alkalinity as CaCO3	66.4		mg/l	10/24/96	1461218
	FILTERED	I027	Carbonate Alkalinity as CaCO3	< 1.00		mg/l	08/27/96	1461062
	FILTERED 1461097	I027	Carbonate Alkalinity as CaCO3	< 1.00		mg/l	07/31/96	1461078
	FILTERED	I027	Carbonate Alkalinity as CaCO3	< 2.00		mg/l	09/24/96	1461122
	FILTERED	I027	Carbonate Alkalinity as CaCO3	< 2.00		mg/l	10/24/96	1461218
	FILTERED	I027	Carbonate Alkalinity as CaCO3	< 2.00		mg/l	11/21/96	1461342
	FILTERED	I027	Carbonate Alkalinity as CaCO3	< 2.00		mg/l	12/18/96	1461434
	FILTERED	I027	Carbonate Alkalinity as CaCO3	< 2.00		mg/l	01/23/97	1461547
	FILTERED	I027	Carbonate Alkalinity as CaCO3	< 2.00		mg/l	02/25/97	1461597
	FILTERED	I027	Carbonate Alkalinity as CaCO3	< 1.00		mg/l	03/25/97	1461618
	FILTERED	I027	Carbonate Alkalinity as CaCO3	< 2.00		mg/l	04/23/97	1461660
	FILTERED	I059	Dissolved Oxygen, Field	1.6		mg/l	09/24/96	1461122
	FILTERED	I059	Dissolved Oxygen, Field	1.0		mg/l	10/24/96	1461218
	FILTERED	I059	Dissolved Oxygen, Field	0.9		mg/l	11/21/96	1461342
	FILTERED	I059	Dissolved Oxygen, Field	1.3		mg/l	12/18/96	1461434
	FILTERED	I059	Dissolved Oxygen, Field	0.9		mg/l	01/23/97	1461547
	FILTERED	I059	Dissolved Oxygen, Field	1.1		mg/l	02/25/97	1461597
	FILTERED	I059	Dissolved Oxygen, Field	1.6		mg/l	03/25/97	1461618
	FILTERED	I059	Dissolved Oxygen, Field	0.9		mg/l	04/23/97	1461660
	FILTERED	I070	Bicarbonate as HCO3	84.2		mg/l	11/21/96	1461342

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TABLE 2-23
Analytical Results for Municipal Supply Wells
and Adjacent Monitoring Wells
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
GW-63-D								
			Inorganic Non-metals					
	FILTERED	I070	Bicarbonate as HCO3	94.4		mg/l	12/18/96	1461434
	FILTERED	I070	Bicarbonate as HCO3	83.8		mg/l	01/23/97	1461547
	FILTERED	I070	Bicarbonate as HCO3	70.6		mg/l	02/25/97	1461597
	FILTERED	I070	Bicarbonate as HCO3	73.8		mg/l	03/25/97	1461618
	FILTERED	I070	Bicarbonate as HCO3	69.8		mg/l	04/23/97	1461660
			Physical Properties					
	FILTERED	F002	Specific Conductance(umhos/cm @25 Deg C)	514		umhos	02/25/97	1461597
	FILTERED	F002	Specific Conductance(umhos/cm @25 Deg C)	525		umhos	04/23/97	1461660
	FILTERED	F009	pH Laboratory	6.61		Std. Un	08/27/96	1461062
	FILTERED	F009	pH Laboratory	6.63		Std. Un	10/24/96	1461218
	FILTERED	F009	pH Laboratory	6.61		Std. Un	11/21/96	1461342
	FILTERED	F009	pH Laboratory	7.03		Std. Un	12/18/96	1461434
	FILTERED	F009	pH Laboratory	6.60		Std. Un	01/23/97	1461547
	FILTERED	F009	pH Laboratory	6.71		Std. Un	02/25/97	1461597
	FILTERED	F009	pH Laboratory	6.75		Std. Un	03/25/97	1461618
	FILTERED	F009	pH Laboratory	6.61		Std. Un	04/23/97	1461660
	FILTERED	F010	Temperature	20.0		deg. C	10/24/96	1461218
	FILTERED	F010	Temperature	20.0		deg. C	11/21/96	1461342
	FILTERED	F010	Temperature	20.0		deg. C	12/18/96	1461434
	FILTERED	F010	Temperature	20.0		deg. C	01/23/97	1461547
	FILTERED	F010	Temperature	20.0		deg. C	01/23/97	1461547
	FILTERED	F010	Temperature	20.0		deg. C	02/25/97	1461597
	FILTERED	F010	Temperature	20.0		deg. C	03/25/97	1461618
	FILTERED	F010	Temperature	20.0		deg. C	04/23/97	1461660
	FILTERED	F037	pH Field	6.64		Std. Un	08/27/96	1461062
		F037	pH Field	6.47		Std. Un	07/31/96	1461097
	FILTERED	F037	pH Field	6.71		Std. Un	09/24/96	1461122
	FILTERED	F037	pH Field	6.71		Std. Un	10/24/96	1461218
	FILTERED	F037	pH Field	6.07		Std. Un	11/21/96	1461342
	FILTERED	F037	pH Field	6.43		Std. Un	12/18/96	1461434
	FILTERED	F037	pH Field	6.30		Std. Un	01/23/97	1461547
	FILTERED	F037	pH Field	5.98		Std. Un	02/25/97	1461597
	FILTERED	F037	pH Field	6.28		Std. Un	03/25/97	1461618
	FILTERED	F037	pH Field	6.23		Std. Un	04/23/97	1461660
	FILTERED	F062	Specific Conductance - Field	667		umhos	08/27/96	1461062
		F062	Specific Conductance - Field	633		umhos	07/31/96	1461097
	FILTERED	F062	Specific Conductance - Field	681		umhos	09/24/96	1461122
	FILTERED	F062	Specific Conductance - Field	525		umhos	10/24/96	1461218
	FILTERED	F062	Specific Conductance - Field	606		umhos	11/21/96	1461342
	FILTERED	F062	Specific Conductance - Field	582		umhos	12/18/96	1461434
	FILTERED	F062	Specific Conductance - Field	155		umhos	01/23/97	1461547
	FILTERED	F062	Specific Conductance - Field	530		umhos	02/25/97	1461597
	FILTERED	F062	Specific Conductance - Field	513		umhos	03/25/97	1461618
	FILTERED	F062	Specific Conductance - Field	556		umhos	04/23/97	1461660
	FILTERED	F064	Temperature - Field	12.3		deg. C	08/27/96	1461062
		F064	Temperature - Field	11.5		deg. C	07/31/96	1461097
	FILTERED	F064	Temperature - Field	11.1		deg. C	09/24/96	1461122
	FILTERED	F064	Temperature - Field	12.1		deg. C	10/24/96	1461218
	FILTERED	F064	Temperature - Field	10.2		deg. C	11/21/96	1461342
	FILTERED	F064	Temperature - Field	9.5		deg. C	12/18/96	1461434
	FILTERED	F064	Temperature - Field	8.2		deg. C	01/23/97	1461547
	FILTERED	F064	Temperature - Field	6.2		deg. C	02/25/97	1461597
	FILTERED	F064	Temperature - Field	6.5		deg. C	03/25/97	1461618
	FILTERED	F064	Temperature - Field	5.9		deg. C	04/23/97	1461660

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TABLE 2-23
Analytical Results for Municipal Supply Wells
and Adjacent Monitoring Wells
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID		Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
GW-63-S									
				Metals					
			M008	Chromium	< 0.010		mg/l	07/31/96	1461096
				Metals - Dissolved					
	FILTERED		M033	Calcium, Dissolved	20.1		mg/l	08/27/96	1461061
	FILTERED	1461096	M033	Calcium, Dissolved	21.9		mg/l	07/31/96	1461077
	FILTERED		M033	Calcium, Dissolved	16.0		mg/l	09/24/96	1461121
	FILTERED		M033	Calcium, Dissolved	15.4		mg/l	10/24/96	1461217
	FILTERED		M033	Calcium, Dissolved	9.26		mg/l	11/21/96	1461341
	FILTERED		M033	Calcium, Dissolved	13.8		mg/l	12/18/96	1461433
	FILTERED		M033	Calcium, Dissolved	9.11		mg/l	01/23/97	1461546
	FILTERED		M033	Calcium, Dissolved	17.1		mg/l	02/25/97	1461596
	FILTERED		M033	Calcium, Dissolved	10.5		mg/l	03/25/97	1461617
	FILTERED		M033	Calcium, Dissolved	10.3		mg/l	04/23/97	1461659
	FILTERED		M036	Chromium, Dissolved	< 0.010		mg/l	08/27/96	1461061
	FILTERED	1461096	M036	Chromium, Dissolved	< 0.010		mg/l	07/31/96	1461077
	FILTERED		M036	Chromium, Dissolved	< 0.010		mg/l	09/24/96	1461121
	FILTERED		M036	Chromium, Dissolved	< 0.010		mg/l	10/24/96	1461217
	FILTERED		M036	Chromium, Dissolved	< 0.010		mg/l	11/21/96	1461341
	FILTERED		M036	Chromium, Dissolved	< 0.010		mg/l	12/18/96	1461433
	FILTERED		M036	Chromium, Dissolved	< 0.010		mg/l	01/23/97	1461546
	FILTERED		M036	Chromium, Dissolved	< 0.010		mg/l	02/25/97	1461596
	FILTERED		M036	Chromium, Dissolved	< 0.010		mg/l	03/25/97	1461617
	FILTERED		M036	Chromium, Dissolved	< 0.010		mg/l	04/23/97	1461659
	FILTERED		M040	Iron, Dissolved	< 0.10		mg/l	10/24/96	1461217
	FILTERED		M040	Iron, Dissolved	0.28		mg/l	11/21/96	1461341
	FILTERED		M040	Iron, Dissolved	< 0.10		mg/l	12/18/96	1461433
	FILTERED		M040	Iron, Dissolved	< 0.10		mg/l	01/23/97	1[illegible]6
	FILTERED		M040	Iron, Dissolved	< 0.10		mg/l	02/25/97	1[illegible]5
	FILTERED		M040	Iron, Dissolved	< 0.10		mg/l	03/25/97	14[illegible]7
	FILTERED		M040	Iron, Dissolved	< 0.100		mg/l	04/23/97	1461659
	FILTERED		M042	Potassium, Dissolved	< 5.0		mg/l	10/24/96	1461217
	FILTERED		M042	Potassium, Dissolved	< 5.0		mg/l	11/21/96	1461341
	FILTERED		M042	Potassium, Dissolved	< 5.0		mg/l	12/18/96	1461433
	FILTERED		M042	Potassium, Dissolved	< 5.0		mg/l	01/23/97	1461546
	FILTERED		M042	Potassium, Dissolved	1.73		mg/l	02/25/97	1461596
	FILTERED		M042	Potassium, Dissolved	< 5.0		mg/l	03/25/97	1461617
	FILTERED		M042	Potassium, Dissolved	< 5.00		mg/l	04/23/97	1461659
	FILTERED		M044	Magnesium, Dissolved	< 5.00		mg/l	08/27/96	1461061
	FILTERED	1461096	M044	Magnesium, Dissolved	< 5.00		mg/l	07/31/96	1461077
	FILTERED		M044	Magnesium, Dissolved	< 5.00		mg/l	09/24/96	1461121
	FILTERED		M044	Magnesium, Dissolved	< 5.00		mg/l	10/24/96	1461217
	FILTERED		M044	Magnesium, Dissolved	< 5.0		mg/l	11/21/96	1461341
	FILTERED		M044	Magnesium, Dissolved	< 5.0		mg/l	12/18/96	1461433
	FILTERED		M044	Magnesium, Dissolved	< 5.0		mg/l	01/23/97	1461546
	FILTERED		M044	Magnesium, Dissolved	3.06		mg/l	02/25/97	1461596
	FILTERED		M044	Magnesium, Dissolved	< 5.0		mg/l	03/25/97	1461617
	FILTERED		M044	Magnesium, Dissolved	< 5.00		mg/l	04/23/97	1461659
	FILTERED		M047	Sodium, Dissolved	64.6		mg/l	08/27/96	1461061
	FILTERED	1461096	M047	Sodium, Dissolved	49.5		mg/l	07/31/96	1461077
	FILTERED		M047	Sodium, Dissolved	60.1		mg/l	09/24/96	1461121
	FILTERED		M047	Sodium, Dissolved	54.4		mg/l	10/24/96	1461217
	FILTERED		M047	Sodium, Dissolved	34.4		mg/l	11/21/96	1461341
	FILTERED		M047	Sodium, Dissolved	36.7		mg/l	12/18/96	1461433
	FILTERED		M047	Sodium, Dissolved	32.2		mg/l	01/23/97	1461546
	FILTERED		M047	Sodium, Dissolved	47		mg/l	02/25/97	1461596
	FILTERED		M047	Sodium, Dissolved	53.4		mg/l	03/25/97	1461617
	FILTERED		M047	Sodium, Dissolved	46.1		mg/l	04/23/97	1461659
	FILTERED		M054	Aluminum, Dissolved	< 0.2		mg/l	02/25/97	1461596
				Inorganic Non-metals					
	FILTERED		I002	Total Alkalinity as CaCO3	32.6		mg/l	08/27/96	1461061

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TABLE 2-23
Analytical Results for Municipal Supply Wells
and Adjacent Monitoring Wells
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
GW-63-S								
			Inorganic Non-metals					
	FILTERED	I002	Total Alkalinity as CaCO3	54.0		mg/l	09/24/96	1461121
	FILTERED	I002	Total Alkalinity as CaCO3	20.8		mg/l	10/24/96	1461217
	FILTERED	I002	Total Alkalinity as CaCO3	26.4		mg/l	11/21/96	1461341
	FILTERED	I002	Total Alkalinity as CaCO3	24.8		mg/l	12/18/96	1461433
	FILTERED	I002	Total Alkalinity as CaCO3	15.6		mg/l	01/23/97	1461546
	FILTERED	I002	Total Alkalinity as CaCO3	16.6		mg/l	02/25/97	1461596
	FILTERED	I002	Total Alkalinity as CaCO3	16.2		mg/l	03/25/97	1461617
	FILTERED	I002	Total Alkalinity as CaCO3	17.4		mg/l	04/23/97	1461659
	FILTERED	I005	Chloride	144		mg/l	08/27/96	1461061
	FILTERED 1461096	I005	Chloride	121	j	mg/l	07/31/96	1461077
	FILTERED	I005	Chloride	93.9		mg/l	09/24/96	1461121
	FILTERED	I005	Chloride	114		mg/l	10/24/96	1461217
	FILTERED	I005	Chloride	60.4		mg/l	11/21/96	1461341
	FILTERED	I005	Chloride	84.2	N	mg/l	12/18/96	1461433
	FILTERED	I005	Chloride	58.4		mg/l	01/23/97	1461546
	FILTERED	I005	Chloride	123		mg/l	02/25/97	1461596
	FILTERED	I005	Chloride	99.4		mg/l	03/25/97	1461617
	FILTERED	I005	Chloride	88.9		mg/l	04/23/97	1461659
	FILTERED	I009	Nitrogen, Ammonia	0.16		mg/l	08/27/96	1461061
	FILTERED 1461096	I009	Nitrogen, Ammonia	0.26		mg/l	07/31/96	1461077
	FILTERED	I009	Nitrogen, Ammonia	0.14		mg/l	09/24/96	1461121
	FILTERED	I009	Nitrogen, Ammonia	0.06		mg/l	10/24/96	1461217
	FILTERED	I009	Nitrogen, Ammonia	0.28		mg/l	11/21/96	1461341
	FILTERED	I009	Nitrogen, Ammonia	< 0.04		mg/l	12/18/96	1461433
	FILTERED	I009	Nitrogen, Ammonia	0.049		mg/l	01/23/97	1461546
	FILTERED	I009	Nitrogen, Ammonia	0.096		mg/l	02/25/97	1461596
	FILTERED	I009	Nitrogen, Ammonia	0.07		mg/l	03/25/97	1461617
	FILTERED	I009	Nitrogen, Ammonia	0.13		mg/l	04/23/97	1461659
	FILTERED	I018	Sulfate as SO4	13.6		mg/l	08/27/96	1461061
	FILTERED 1461096	I018	Sulfate as SO4	12.3		mg/l	07/31/96	1461077
	FILTERED	I018	Sulfate as SO4	34.6		mg/l	09/24/96	1461121
	FILTERED	I018	Sulfate as SO4	15.0		mg/l	10/24/96	1461217
	FILTERED	I018	Sulfate as SO4	19.3		mg/l	11/21/96	1461341
	FILTERED	I018	Sulfate as SO4	14.8		mg/l	12/18/96	1461433
	FILTERED	I018	Sulfate as SO4	30.0		mg/l	01/23/97	1461546
	FILTERED	I018	Sulfate as SO4	16		mg/l	02/25/97	1461596
	FILTERED	I018	Sulfate as SO4	12.4		mg/l	03/25/97	1461617
	FILTERED	I018	Sulfate as SO4	15.3		mg/l	04/23/97	1461659
	FILTERED	I026	Bicarbonate Alkalinity as CaCO3	32.6		mg/l	08/27/96	1461061
	FILTERED 1461096	I026	Bicarbonate Alkalinity as CaCO3	32.0		mg/l	07/31/96	1461077
	FILTERED	I026	Bicarbonate Alkalinity as CaCO3	54.0		mg/l	09/24/96	1461121
	FILTERED	I026	Bicarbonate Alkalinity as CaCO3	20.8		mg/l	10/24/96	1461217
	FILTERED	I027	Carbonate Alkalinity as CaCO3	< 1.00		mg/l	08/27/96	1461061
	FILTERED 1461096	I027	Carbonate Alkalinity as CaCO3	< 1.00		mg/l	07/31/96	1461077
	FILTERED	I027	Carbonate Alkalinity as CaCO3	< 2.00		mg/l	09/24/96	1461121
	FILTERED	I027	Carbonate Alkalinity as CaCO3	< 2.00		mg/l	10/24/96	1461217
	FILTERED	I027	Carbonate Alkalinity as CaCO3	< 2.00		mg/l	11/21/96	1461341
	FILTERED	I027	Carbonate Alkalinity as CaCO3	< 2.00		mg/l	12/18/96	1461433
	FILTERED	I027	Carbonate Alkalinity as CaCO3	< 2.00		mg/l	01/23/97	1461546
	FILTERED	I027	Carbonate Alkalinity as CaCO3	< 2.00		mg/l	02/25/97	1461596
	FILTERED	I027	Carbonate Alkalinity as CaCO3	< 1.00		mg/l	03/25/97	1461617
	FILTERED	I027	Carbonate Alkalinity as CaCO3	< 2.00		mg/l	04/23/97	1461659
	FILTERED	I059	Dissolved Oxygen, Field	1.8		mg/l	09/24/96	1461121
	FILTERED	I059	Dissolved Oxygen, Field	6.8		mg/l	10/24/96	1461217
	FILTERED	I059	Dissolved Oxygen, Field	2.0		mg/l	11/21/96	1461341
	FILTERED	I059	Dissolved Oxygen, Field	2.1		mg/l	12/18/96	1461433
	FILTERED	I059	Dissolved Oxygen, Field	0.9		mg/l	01/23/97	1461546
	FILTERED	I059	Dissolved Oxygen, Field	1.5		mg/l	02/25/97	1461596
	FILTERED	I059	Dissolved Oxygen, Field	1.2		mg/l	03/25/97	1461617

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TABLE 2-23
Analytical Results for Municipal Supply Wells
and Adjacent Monitoring Wells
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
GW-63-S								
			Inorganic Non-metals					
	FILTERED	I059	Dissolved Oxygen, Field	1.0		mg/l	04/23/97	1461659
	FILTERED	I070	Bicarbonate as HCO3	26.4		mg/l	11/21/96	1461341
	FILTERED	I070	Bicarbonate as HCO3	24.8		mg/l	12/18/96	1461433
	FILTERED	I070	Bicarbonate as HCO3	15.6		mg/l	01/23/97	1461546
	FILTERED	I070	Bicarbonate as HCO3	16.6		mg/l	02/25/97	1461596
	FILTERED	I070	Bicarbonate as HCO3	16.2		mg/l	03/25/97	1461617
	FILTERED	I070	Bicarbonate as HCO3	17.4		mg/l	04/23/97	1461659
			Physical Properties					
	FILTERED	F002	Specific Conductance(umhos/cm @25 Deg C)	460		umhos	02/25/97	1461596
	FILTERED	F002	Specific Conductance(umhos/cm @25 Deg C)	379		umhos	04/23/97	1461659
	FILTERED	F009	pH Laboratory	6.02		Std. Un	08/27/96	1461061
	FILTERED	F009	pH Laboratory	6.26		Std. Un	10/24/96	1461217
	FILTERED	F009	pH Laboratory	6.29		Std. Un	11/21/96	1461341
	FILTERED	F009	pH Laboratory	6.76		Std. Un	12/18/96	1461433
	FILTERED	F009	pH Laboratory	6.27		Std. Un	01/23/97	1461546
	FILTERED	F009	pH Laboratory	6.13		Std. Un	02/25/97	1461596
	FILTERED	F009	pH Laboratory	6.30		Std. Un	03/25/97	1461617
	FILTERED	F009	pH Laboratory	6.43		Std. Un	04/23/97	1461659
	FILTERED	F010	Temperature	20.0		deg. C	10/24/96	1461217
	FILTERED	F010	Temperature	20.0		deg. C	11/21/96	1461341
	FILTERED	F010	Temperature	20.0		deg. C	12/18/96	1461433
	FILTERED	F010	Temperature	20.0		deg. C	02/25/97	1461596
	FILTERED	F010	Temperature	20.0		deg. C	03/25/97	1461617
	FILTERED	F010	Temperature	20.0		deg. C	04/23/97	14[illegible]9
	FILTERED	F037	pH Field	5.63		Std. Un	08/27/96	1[illegible]
		F037	pH Field	5.86		Std. Un	07/31/96	14[illegible]6
	FILTERED	F037	pH Field	6.07		Std. Un	09/24/96	1461121
	FILTERED	F037	pH Field	5.85		Std. Un	10/24/96	1461217
	FILTERED	F037	pH Field	5.46		Std. Un	11/21/96	1461341
	FILTERED	F037	pH Field	5.75		Std. Un	12/18/96	1461433
	FILTERED	F037	pH Field	5.65		Std. Un	01/23/97	1461546
	FILTERED	F037	pH Field	5.46		Std. Un	02/25/97	1461596
	FILTERED	F037	pH Field	5.70		Std. Un	03/25/97	1461617
	FILTERED	F037	pH Field	5.70		Std. Un	04/23/97	1461659
	FILTERED	F062	Specific Conductance - Field	576		umhos	08/27/96	1461061
		F062	Specific Conductance - Field	524		umhos	07/31/96	1461096
	FILTERED	F062	Specific Conductance - Field	460		umhos	09/24/96	1461121
	FILTERED	F062	Specific Conductance - Field	535		umhos	10/24/96	1461217
	FILTERED	F062	Specific Conductance - Field	280		umhos	11/21/96	1461341
	FILTERED	F062	Specific Conductance - Field	356		umhos	12/18/96	1461433
	FILTERED	F062	Specific Conductance - Field	291		umhos	01/23/97	1461546
	FILTERED	F062	Specific Conductance - Field	457		umhos	02/25/97	1461596
	FILTERED	F062	Specific Conductance - Field	410		umhos	03/25/97	1461617
	FILTERED	F062	Specific Conductance - Field	375		umhos	04/23/97	1461659
	FILTERED	F064	Temperature - Field	17.2		deg. C	08/27/96	1461061
		F064	Temperature - Field	15.5		deg. C	07/31/96	1461096
	FILTERED	F064	Temperature - Field	12.7		deg. C	09/24/96	1461121
	FILTERED	F064	Temperature - Field	12.1		deg. C	10/24/96	1461217
	FILTERED	F064	Temperature - Field	8.9		deg. C	11/21/96	1461341
	FILTERED	F064	Temperature - Field	6.5		deg. C	12/18/96	1461433
	FILTERED	F064	Temperature - Field	5.0		deg. C	01/23/97	1461546
	FILTERED	F064	Temperature - Field	3.8		deg. C	02/25/97	1461596
	FILTERED	F064	Temperature - Field	2.5		deg. C	03/25/97	1461617
	FILTERED	F064	Temperature - Field	5.2		deg. C	04/23/97	1461659

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TABLE 2-23
Analytical Results for Municipal Supply Wells
and Adjacent Monitoring Wells
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
GW-64-D								
			Metals					
		M001	Aluminum	< 0.10		mg/l	10/16/95	1460566
		M003	Arsenic	0.014		mg/l	10/16/95	1460566
		M004	Barium	0.076		mg/l	10/16/95	1460566
		M007	Calcium	120		mg/l	10/16/95	1460566
	COND. SPIKE	M008	Chromium	< 0.015		mg/l	01/13/95	1460254
		M008	Chromium	< 0.015		mg/l	10/16/95	1460566
		M008	Chromium	< 0.010		mg/l	07/31/96	1461102
	DUP OF 1461102	M008	Chromium	< 0.010		mg/l	07/31/96	1461105
		M011	Iron	65		mg/l	10/16/95	1460566
		M012	Lead	< 0.005		mg/l	10/16/95	1460566
		M013	Magnesium	33		mg/l	10/16/95	1460566
		M014	Manganese	2.6		mg/l	10/16/95	1460566
		M017	Potassium	12		mg/l	10/16/95	1460566
		M020	Sodium	220		mg/l	10/16/95	1460566
			Metals - Dissolved					
	FILTERED 1461319	M028	Arsenic, Dissolved	0.01		mg/l	01/16/95	1460201
	FILTERED 1460566	M028	Arsenic, Dissolved	0.014		mg/l	10/16/95	1460565
	FILTERED 1461319	M029	Barium, Dissolved	0.057		mg/l	01/16/95	1460201
	FILTERED 1460566	M029	Barium, Dissolved	0.093		mg/l	10/16/95	1460565
	FILTERED 1461319	M033	Calcium, Dissolved	71		mg/l	01/16/95	1460201
	FILTERED 1460566	M033	Calcium, Dissolved	110		mg/l	10/16/95	1460565
	FILTERED	M033	Calcium, Dissolved	95		mg/l	06/06/96	1460830
	FILTDUP 1460830	M033	Calcium, Dissolved	110		mg/l	06/06/96	1460831
	FILTERED	M033	Calcium, Dissolved	51.4		mg/l	08/27/96	1461064
	FILTDUP 1461064	M033	Calcium, Dissolved	51.0		mg/l	08/27/96	1461070
	FILTERED 1461102	M033	Calcium, Dissolved	45.8		mg/l	07/31/96	1461083
	FILTDUP 1461083	M033	Calcium, Dissolved	44.4		mg/l	07/31/96	1461086
	FILTERED	M033	Calcium, Dissolved	48.0		mg/l	09/24/96	1461125
	FILTERED	M033	Calcium, Dissolved	40.1		mg/l	10/24/96	1461220
	FILTDUP 1461220	M033	Calcium, Dissolved	39.6		mg/l	10/24/96	1461221
	FILTERED	M033	Calcium, Dissolved	41.2		mg/l	11/21/96	1461344
	FILTDUP 1461344	M033	Calcium, Dissolved	40.5		mg/l	11/21/96	1461347
	FILTERED	M033	Calcium, Dissolved	44		mg/l	12/18/96	1461436
	FILTDUP 1461436	M033	Calcium, Dissolved	41.1		mg/l	12/18/96	1461439
	FILTDUP 1461552	M033	Calcium, Dissolved	35.8		mg/l	01/23/97	1461549
	FILTERED	M033	Calcium, Dissolved	35.6		mg/l	01/23/97	1461552
	FILTERED	M033	Calcium, Dissolved	38		mg/l	02/25/97	1461599
	FILTDUP 1461599	M033	Calcium, Dissolved	38.4		mg/l	02/25/97	1461602
	FILTERED	M033	Calcium, Dissolved	37.5		mg/l	03/25/97	1461620
	FILTDUP 1461620	M033	Calcium, Dissolved	37.5		mg/l	03/25/97	1461623
	FILTERED	M033	Calcium, Dissolved	38.0		mg/l	04/23/97	1461662
	FILT DUP 1461662	M033	Calcium, Dissolved	38.5		mg/l	04/23/97	1461665
	FILTERED 1461319	M035	Hexavalent Chromium, Dissolved	< 0.015	uj	mg/l	01/16/95	1460201
	FILTERED 1460566	M035	Hexavalent Chromium, Dissolved	< 0.015		mg/l	10/16/95	1460565
	FILTERED 1461319	M036	Chromium, Dissolved	< 0.015		mg/l	01/16/95	1460201
	FILTERED 1460566	M036	Chromium, Dissolved	< 0.015		mg/l	10/16/95	1460565
	FILTERED	M036	Chromium, Dissolved	< 0.015		mg/l	06/06/96	1460830
	FILTDUP 1460830	M036	Chromium, Dissolved	< 0.015		mg/l	06/06/96	1460831
	FILTERED	M036	Chromium, Dissolved	< 0.010		mg/l	08/27/96	1461064
	FILTDUP 1461064	M036	Chromium, Dissolved	< 0.010		mg/l	08/27/96	1461070
	FILTERED 1461102	M036	Chromium, Dissolved	< 0.010		mg/l	07/31/96	1461083
	FILTDUP 1461083	M036	Chromium, Dissolved	< 0.010		mg/l	07/31/96	1461086
	FILTERED	M036	Chromium, Dissolved	< 0.010		mg/l	09/24/96	1461125
	FILTERED	M036	Chromium, Dissolved	< 0.010		mg/l	10/24/96	1461220
	FILTDUP 1461220	M036	Chromium, Dissolved	< 0.010		mg/l	10/24/96	1461221
	FILTERED	M036	Chromium, Dissolved	< 0.010		mg/l	07/30/96	1461335
	FILTERED	M036	Chromium, Dissolved	< 0.010		mg/l	11/21/96	1461344
	FILTDUP 1461344	M036	Chromium, Dissolved	< 0.010		mg/l	11/21/96	1461347
	FILTERED	M036	Chromium, Dissolved	< 0.010		mg/l	12/18/96	1461436

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TABLE 2-23
Analytical Results for Municipal Supply Wells
and Adjacent Monitoring Wells
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
GW-64-D								
			Metals - Dissolved					
	FILTDUP 1461436	M036	Chromium, Dissolved	< 0.010		mg/l	12/18/96	1461439
	FILTDUP 1461552	M036	Chromium, Dissolved	< 0.010		mg/l	01/23/97	1461549
	FILTERED	M036	Chromium, Dissolved	< 0.010		mg/l	01/23/97	1461552
	FILTERED	M036	Chromium, Dissolved	< 0.010		mg/l	02/25/97	1461599
	FILTDUP 1461599	M036	Chromium, Dissolved	< 0.010		mg/l	02/25/97	1461602
	FILTERED	M036	Chromium, Dissolved	< 0.010		mg/l	03/25/97	1461620
	FILTDUP 1461620	M036	Chromium, Dissolved	< 0.010		mg/l	03/25/97	1461623
	FILTERED	M036	Chromium, Dissolved	< 0.010		mg/l	04/23/97	1461662
	FILT DUP 1461662	M036	Chromium, Dissolved	< 0.010		mg/l	04/23/97	1461665
	FILTERED 1461319	M040	Iron, Dissolved	45.0	j	mg/l	01/16/95	1460201
	FILTERED 1460566	M040	Iron, Dissolved	70.0		mg/l	10/16/95	1460565
	FILTERED	M040	Iron, Dissolved	22.8		mg/l	10/24/96	1461220
	FILTDUP 1461220	M040	Iron, Dissolved	22.5		mg/l	10/24/96	1461221
	FILTERED	M040	Iron, Dissolved	25.2		mg/l	11/21/96	1461344
	FILTDUP 1461344	M040	Iron, Dissolved	25.0		mg/l	11/21/96	1461347
	FILTERED	M040	Iron, Dissolved	24.9		mg/l	12/18/96	1461436
	FILTDUP 1461436	M040	Iron, Dissolved	23.2		mg/l	12/18/96	1461439
	FILTDUP 1461552	M040	Iron, Dissolved	20.6		mg/l	01/23/97	1461549
	FILTERED	M040	Iron, Dissolved	20.3		mg/l	01/23/97	1461552
	FILTERED	M040	Iron, Dissolved	20.7		mg/l	02/25/97	1461599
	FILTDUP 1461599	M040	Iron, Dissolved	20.8		mg/l	02/25/97	1461602
	FILTERED	M040	Iron, Dissolved	21.1		mg/l	03/25/97	1461620
	FILTDUP 1461620	M040	Iron, Dissolved	21.1		mg/l	03/25/97	1461623
	FILTERED	M040	Iron, Dissolved	22.6		mg/l	04/23/97	1461662
	FILT DUP 1461662	M040	Iron, Dissolved	22.8		mg/l	04/23/97	1461665
	FILTERED 1461319	M042	Potassium, Dissolved	7.7	j	mg/l	01/16/95	14[illegible]
	FILTERED 1460566	M042	Potassium, Dissolved	11		mg/l	10/16/95	1[illegible]
	FILTERED	M042	Potassium, Dissolved	9.3		mg/l	06/06/96	14[illegible]0
	FILTDUP 1460830	M042	Potassium, Dissolved	10		mg/l	06/06/96	1460831
	FILTERED	M042	Potassium, Dissolved	< 5.0		mg/l	10/24/96	1461220
	FILTDUP 1461220	M042	Potassium, Dissolved	5.2		mg/l	10/24/96	1461221
	FILTERED	M042	Potassium, Dissolved	5.92		mg/l	11/21/96	1461344
	FILTDUP 1461344	M042	Potassium, Dissolved	6.18		mg/l	11/21/96	1461347
	FILTERED	M042	Potassium, Dissolved	6.43		mg/l	12/18/96	1461436
	FILTDUP 1461436	M042	Potassium, Dissolved	5.96		mg/l	12/18/96	1461439
	FILTDUP 1461552	M042	Potassium, Dissolved	< 5.0		mg/l	01/23/97	1461549
	FILTERED	M042	Potassium, Dissolved	< 5.0		mg/l	01/23/97	1461552
	FILTERED	M042	Potassium, Dissolved	5.53		mg/l	02/25/97	1461599
	FILTDUP 1461599	M042	Potassium, Dissolved	5.64		mg/l	02/25/97	1461602
	FILTERED	M042	Potassium, Dissolved	5.14		mg/l	03/25/97	1461620
	FILTDUP 1461620	M042	Potassium, Dissolved	< 5.0		mg/l	03/25/97	1461623
	FILTERED	M042	Potassium, Dissolved	5.04		mg/l	04/23/97	1461662
	FILT DUP 1461662	M042	Potassium, Dissolved	< 5.00		mg/l	04/23/97	1461665
	FILTERED 1461319	M044	Magnesium, Dissolved	21		mg/l	01/16/95	1460201
	FILTERED 1460566	M044	Magnesium, Dissolved	31		mg/l	10/16/95	1460565
	FILTERED	M044	Magnesium, Dissolved	25		mg/l	06/06/96	1460830
	FILTDUP 1460830	M044	Magnesium, Dissolved	29		mg/l	06/06/96	1460831
	FILTERED	M044	Magnesium, Dissolved	14.1		mg/l	08/27/96	1461064
	FILTDUP 1461064	M044	Magnesium, Dissolved	13.9		mg/l	08/27/96	1461070
	FILTERED 1461102	M044	Magnesium, Dissolved	12.2		mg/l	07/31/96	1461083
	FILTDUP 1461083	M044	Magnesium, Dissolved	11.9		mg/l	07/31/96	1461086
	FILTERED	M044	Magnesium, Dissolved	12.8		mg/l	09/24/96	1461125
	FILTERED	M044	Magnesium, Dissolved	10.5		mg/l	10/24/96	1461220
	FILTDUP 1461220	M044	Magnesium, Dissolved	10.3		mg/l	10/24/96	1461221
	FILTERED	M044	Magnesium, Dissolved	10.7		mg/l	11/21/96	1461344
	FILTDUP 1461344	M044	Magnesium, Dissolved	10.8		mg/l	11/21/96	1461347
	FILTERED	M044	Magnesium, Dissolved	11		mg/l	12/18/96	1461436
	FILTDUP 1461436	M044	Magnesium, Dissolved	10.6		mg/l	12/18/96	1461439
	FILTDUP 1461552	M044	Magnesium, Dissolved	9.33		mg/l	01/23/97	1461549

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TABLE 2-23
Analytical Results for Municipal Supply Wells
and Adjacent Monitoring Wells
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
GW-64-D								
			Metals - Dissolved					
	FILTERED	M044	Magnesium, Dissolved	9.28		mg/l	01/23/97	1461552
	FILTERED	M044	Magnesium, Dissolved	9.89		mg/l	02/25/97	1461599
	FILTDUP 1461599	M044	Magnesium, Dissolved	10		mg/l	02/25/97	1461602
	FILTERED	M044	Magnesium, Dissolved	9.81		mg/l	03/25/97	1461620
	FILTDUP 1461620	M044	Magnesium, Dissolved	9.79		mg/l	03/25/97	1461623
	FILTERED	M044	Magnesium, Dissolved	9.29		mg/l	04/23/97	1461662
	FILT DUP 1461662	M044	Magnesium, Dissolved	9.28		mg/l	04/23/97	1461665
	FILTERED 1461319	M045	Manganese, Dissolved	2.1	j	mg/l	01/16/95	1460201
	FILTERED 1460566	M045	Manganese, Dissolved	2.2		mg/l	10/16/95	1460565
	FILTERED 1461319	M047	Sodium, Dissolved	120		mg/l	01/16/95	1460201
	FILTERED 1460566	M047	Sodium, Dissolved	210		mg/l	10/16/95	1460565
	FILTERED	M047	Sodium, Dissolved	180		mg/l	06/06/96	1460830
	FILTDUP 1460830	M047	Sodium, Dissolved	200		mg/l	06/06/96	1460831
	FILTERED	M047	Sodium, Dissolved	89.0		mg/l	08/27/96	1461064
	FILTDUP 1461064	M047	Sodium, Dissolved	88.7		mg/l	08/27/96	1461070
	FILTERED 1461102	M047	Sodium, Dissolved	75.3		mg/l	07/31/96	1461083
	FILTDUP 1461083	M047	Sodium, Dissolved	74.8		mg/l	07/31/96	1461086
	FILTERED	M047	Sodium, Dissolved	95.5		mg/l	09/24/96	1461125
	FILTERED	M047	Sodium, Dissolved	77.0		mg/l	10/24/96	1461220
	FILTDUP 1461220	M047	Sodium, Dissolved	76.2		mg/l	10/24/96	1461221
	FILTERED	M047	Sodium, Dissolved	63.3		mg/l	11/21/96	1461344
	FILTDUP 1461344	M047	Sodium, Dissolved	64.0		mg/l	11/21/96	1461347
	FILTERED	M047	Sodium, Dissolved	66.2		mg/l	12/18/96	1461436
	FILTDUP 1461436	M047	Sodium, Dissolved	65		mg/l	12/18/96	1461439
	FILTDUP 1461552	M047	Sodium, Dissolved	68.7		mg/l	01/23/97	1461549
	FILTERED	M047	Sodium, Dissolved	68		mg/l	01/23/97	1461552
	FILTERED	M047	Sodium, Dissolved	60.2		mg/l	02/25/97	1461599
	FILTDUP 1461599	M047	Sodium, Dissolved	60.9		mg/l	02/25/97	1461602
	FILTERED	M047	Sodium, Dissolved	76.0		mg/l	03/25/97	1461620
	FILTDUP 1461620	M047	Sodium, Dissolved	75.1		mg/l	03/25/97	1461623
	FILTERED	M047	Sodium, Dissolved	58.9		mg/l	04/23/97	1461662
	FILT DUP 1461662	M047	Sodium, Dissolved	58.5		mg/l	04/23/97	1461665
	FILTERED 1461319	M048	Lead, Dissolved	< 0.005		mg/l	01/16/95	1460201
	FILTERED 1460566	M048	Lead, Dissolved	< 0.005		mg/l	10/16/95	1460565
	FILTERED 1461319	M054	Aluminum, Dissolved	< 0.10		mg/l	01/16/95	1460201
	FILTERED 1460566	M054	Aluminum, Dissolved	< 0.10		mg/l	10/16/95	1460565
	FILTERED	M054	Aluminum, Dissolved	< 0.2		mg/l	02/25/97	1461599
	FILTDUP 1461599	M054	Aluminum, Dissolved	< 0.2		mg/l	02/25/97	1461602
	FILTERED 1461319	M109	Trivalent Chromium, Dissolved	< 0.015		mg/l	01/16/95	1460201
	FILTERED 1460566	M109	Trivalent Chromium, Dissolved	< 0.015		mg/l	10/16/95	1460565
	FILTERED 1461319	M111	Total Iron, Field	48		mg/l	01/16/95	1460201
	FILTERED 1460566	M111	Total Iron, Field	44		mg/l	10/16/95	1460565
	FILTERED 1461319	M112	Iron as Fe+2 - Field	24.7		mg/l	01/16/95	1460201
	FILTERED 1460566	M112	Iron as Fe+2 - Field	40		mg/l	10/16/95	1460565
	FILTERED 1461319	M113	Iron as Fe+3 - Field	23.3		mg/l	01/16/95	1460201
	FILTERED 1460566	M113	Iron as Fe+3 - Field	4		mg/l	10/16/95	1460565
	FILTERED 1461319	M114	Hexavalent Chromium, Field	< 0.0		mg/l	01/16/95	1460201
	FILTERED 1460566	M114	Hexavalent Chromium, Field	0.01		mg/l	10/16/95	1460565
			Inorganic Non-metals					
	FILTERED	I002	Total Alkalinity as CaCO3	71.8		mg/l	08/27/96	1461064
	FILTDUP 1461064	I002	Total Alkalinity as CaCO3	73.8		mg/l	08/27/96	1461070
	FILTERED	I002	Total Alkalinity as CaCO3	73.4		mg/l	09/24/96	1461125
	FILTERED	I002	Total Alkalinity as CaCO3	66.0		mg/l	10/24/96	1461220
	FILTDUP 1461220	I002	Total Alkalinity as CaCO3	69.8		mg/l	10/24/96	1461221
	FILTERED	I002	Total Alkalinity as CaCO3	81.6		mg/l	11/21/96	1461344
	FILTDUP 1461344	I002	Total Alkalinity as CaCO3	80.6		mg/l	11/21/96	1461347
	FILTERED	I002	Total Alkalinity as CaCO3	72.0		mg/l	12/18/96	1461436
	FILTDUP 1461436	I002	Total Alkalinity as CaCO3	72.4		mg/l	12/18/96	1461439
	FILTDUP 1461552	I002	Total Alkalinity as CaCO3	75.8		mg/l	01/23/97	1461549

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TABLE 2-23
Analytical Results for Municipal Supply Wells
and Adjacent Monitoring Wells
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
GW-64-D								
			Inorganic Non-metals					
	FILTERED	I002	Total Alkalinity as CaCO3	76.4		mg/l	01/23/97	1461552
	FILTERED	I002	Total Alkalinity as CaCO3	56.2		mg/l	02/25/97	1461599
	FILTDUP 1461599	I002	Total Alkalinity as CaCO3	54.4		mg/l	02/25/97	1461602
	FILTERED	I002	Total Alkalinity as CaCO3	73.8		mg/l	03/25/97	1461620
	FILTDUP 1461620	I002	Total Alkalinity as CaCO3	73.0		mg/l	03/25/97	1461623
	FILTERED	I002	Total Alkalinity as CaCO3	68.0		mg/l	04/23/97	1461662
	FILT DUP 1461662	I002	Total Alkalinity as CaCO3	69.0		mg/l	04/23/97	1461665
	FILTERED 1461319	I005	Chloride	190		mg/l	01/16/95	1460201
	FILTERED 1460566	I005	Chloride	230		mg/l	10/16/95	1460565
	FILTERED	I005	Chloride	150		mg/l	06/06/96	1460830
	FILTDUP 1460830	I005	Chloride	210		mg/l	06/06/96	1460831
	FILTERED	I005	Chloride	136		mg/l	08/27/96	1461064
	FILTDUP 1461064	I005	Chloride	136		mg/l	08/27/96	1461070
	FILTERED 1461102	I005	Chloride	126	j	mg/l	07/31/96	1461083
	FILTDUP 1461083	I005	Chloride	129	j	mg/l	07/31/96	1461086
	FILTERED	I005	Chloride	126		mg/l	09/24/96	1461125
	FILTERED	I005	Chloride	126		mg/l	09/24/96	1461125
	FILTERED	I005	Chloride	110		mg/l	10/24/96	1461220
	FILTDUP 1461220	I005	Chloride	113		mg/l	10/24/96	1461221
	FILTERED	I005	Chloride	132		mg/l	07/30/96	1461335
	FILTERED	I005	Chloride	108		mg/l	11/21/96	1461344
	FILTDUP 1461344	I005	Chloride	108		mg/l	11/21/96	1461347
	FILTERED	I005	Chloride	109	N	mg/l	12/18/96	1461436
	FILTDUP 1461436	I005	Chloride	110	N	mg/l	12/18/96	1461439
	FILTDUP 1461552	I005	Chloride	110		mg/l	01/23/97	1461549
	FILTERED	I005	Chloride	111		mg/l	01/23/97	146[illegible]552
	FILTERED	I005	Chloride	109		mg/l	02/25/97	1[illegible]
	FILTDUP 1461599	I005	Chloride	109		mg/l	02/25/97	1[illegible]2
	FILTERED	I005	Chloride	105		mg/l	03/25/97	1461620
	FILTDUP 1461620	I005	Chloride	104		mg/l	03/25/97	1461623
	FILTERED	I005	Chloride	102		mg/l	04/23/97	1461662
	FILT DUP 1461662	I005	Chloride	99.6		mg/l	04/23/97	1461665
	FILTERED 1461319	I009	Nitrogen, Ammonia	7.1		mg/l	01/16/95	1460201
	COND. SPIKE	I009	Nitrogen, Ammonia	6.4		mg/l	01/13/95	1460254
	FILTERED 1460566	I009	Nitrogen, Ammonia	15		mg/l	10/16/95	1460565
		I009	Nitrogen, Ammonia	16		mg/l	10/16/95	1460566
	FILTERED	I009	Nitrogen, Ammonia	10		mg/l	06/06/96	1460830
	FILTDUP 1460830	I009	Nitrogen, Ammonia	14		mg/l	06/06/96	1460831
	FILTERED	I009	Nitrogen, Ammonia	9.41		mg/l	08/27/96	1461064
	FILTDUP 1461064	I009	Nitrogen, Ammonia	9.87		mg/l	08/27/96	1461070
	FILTERED 1461102	I009	Nitrogen, Ammonia	8.39	j	mg/l	07/31/96	1461083
	FILTDUP 1461083	I009	Nitrogen, Ammonia	2.30	j	mg/l	07/31/96	1461086
	FILTERED	I009	Nitrogen, Ammonia	8.07		mg/l	09/24/96	1461125
	FILTERED	I009	Nitrogen, Ammonia	7.78		mg/l	10/24/96	1461220
	FILTDUP 1461220	I009	Nitrogen, Ammonia	7.72		mg/l	10/24/96	1461221
	FILTERED	I009	Nitrogen, Ammonia	9.25		mg/l	07/30/96	1461335
	FILTERED	I009	Nitrogen, Ammonia	7.63		mg/l	11/21/96	1461344
	FILTDUP 1461344	I009	Nitrogen, Ammonia	6.34		mg/l	11/21/96	1461347
	FILTERED	I009	Nitrogen, Ammonia	7.68		mg/l	12/18/96	1461436
	FILTDUP 1461436	I009	Nitrogen, Ammonia	423		mg/l	12/18/96	1461439
	FILTDUP 1461552	I009	Nitrogen, Ammonia	6.72		mg/l	01/23/97	1461549
	FILTERED	I009	Nitrogen, Ammonia	6.77		mg/l	01/23/97	1461552
	FILTERED	I009	Nitrogen, Ammonia	7.67		mg/l	02/25/97	1461599
	FILTDUP 1461599	I009	Nitrogen, Ammonia	6.96		mg/l	02/25/97	1461602
	FILTERED	I009	Nitrogen, Ammonia	6.62		mg/l	03/25/97	1461620
	FILTDUP 1461620	I009	Nitrogen, Ammonia	7.18		mg/l	03/25/97	1461623
	FILTERED	I009	Nitrogen, Ammonia	7.27		mg/l	04/23/97	1461662
	FILT DUP 1461662	I009	Nitrogen, Ammonia	6.51		mg/l	04/23/97	1461665
	FILTERED 1461319	I012	Nitrate as N	< 0.05		mg/l	01/16/95	1460201

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TABLE 2-23
Analytical Results for Municipal Supply Wells
and Adjacent Monitoring Wells
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
GW-64-D								
			Inorganic Non-metals					
	FILTERED 1460566	I012	Nitrate as N	< 0.05	uj	mg/l	10/16/95	1460565
	FILTERED	I012	Nitrate as N	< 2.5		mg/l	06/06/96	1460830
	FILTDUP 1460830	I012	Nitrate as N	< 2.5		mg/l	06/06/96	1460831
	FILTERED 1461319	I014	Nitrite as N	< 0.05		mg/l	01/16/95	1460201
	FILTERED 1460566	I014	Nitrite as N	0.11	j	mg/l	10/16/95	1460565
	FILTERED 1461319	I017	Ortho Phosphate as Phosphorus	< 0.02		mg/l	01/16/95	1460201
	FILTERED 1460566	I017	Ortho Phosphate as Phosphorus	< 0.02		mg/l	10/16/95	1460565
	FILTERED 1461319	I018	Sulfate as SO4	350	j	mg/l	01/16/95	1460201
	COND. SPIKE	I018	Sulfate as SO4	760		mg/l	01/13/95	1460254
	FILTERED 1460566	I018	Sulfate as SO4	710		mg/l	10/16/95	1460565
	FILTERED	I018	Sulfate as SO4	290		mg/l	06/06/96	1460830
	FILTDUP 1460830	I018	Sulfate as SO4	510		mg/l	06/06/96	1460831
	FILTERED	I018	Sulfate as SO4	247		mg/l	08/27/96	1461064
	FILTDUP 1461064	I018	Sulfate as SO4	242		mg/l	08/27/96	1461070
	FILTERED 1461102	I018	Sulfate as SO4	209		mg/l	07/31/96	1461083
	FILTDUP 1461083	I018	Sulfate as SO4	224		mg/l	07/31/96	1461086
	FILTERED	I018	Sulfate as SO4	166		mg/l	10/24/96	1461220
	FILTDUP 1461220	I018	Sulfate as SO4	186		mg/l	10/24/96	1461221
	FILTERED	I018	Sulfate as SO4	226		mg/l	07/30/96	1461335
	FILTERED	I018	Sulfate as SO4	184		mg/l	11/21/96	1461344
	FILTDUP 1461344	I018	Sulfate as SO4	179		mg/l	11/21/96	1461347
	FILTERED	I018	Sulfate as SO4	166		mg/l	12/18/96	1461436
	FILTDUP 1461436	I018	Sulfate as SO4	180		mg/l	12/18/96	1461439
	FILTDUP 1461552	I018	Sulfate as SO4	155		mg/l	01/23/97	1461549
	FILTERED	I018	Sulfate as SO4	98.4		mg/l	01/23/97	1461552
	FILTERED	I018	Sulfate as SO4	153		mg/l	02/25/97	1461599
	FILTDUP 1461599	I018	Sulfate as SO4	164		mg/l	02/25/97	1461602
	FILTERED	I018	Sulfate as SO4	0[illegible]		mg/l	03/25/97	1461620
	FILTDUP 1461620	I018	Sulfate as SO4	162		mg/l	03/25/97	1461623
	FILTERED	I018	Sulfate as SO4	147		mg/l	04/23/97	1461662
	FILT DUP 1461662	I018	Sulfate as SO4	141		mg/l	04/23/97	1461665
	FILTERED 1461319	I026	Bicarbonate Alkalinity as CaCO3	470		mg/l	01/16/95	1460201
	FILTERED 1460566	I026	Bicarbonate Alkalinity as CaCO3	90		mg/l	10/16/95	1460565
	FILTERED	I026	Bicarbonate Alkalinity as CaCO3	64		mg/l	06/06/96	1460830
	FILTDUP 1460830	I026	Bicarbonate Alkalinity as CaCO3	76		mg/l	06/06/96	1460831
	FILTERED	I026	Bicarbonate Alkalinity as CaCO3	71.8		mg/l	08/27/96	1461064
	FILTDUP 1461064	I026	Bicarbonate Alkalinity as CaCO3	73.8		mg/l	08/27/96	1461070
	FILTERED 1461102	I026	Bicarbonate Alkalinity as CaCO3	74.0		mg/l	07/31/96	1461083
	FILTDUP 1461083	I026	Bicarbonate Alkalinity as CaCO3	76.0		mg/l	07/31/96	1461086
	FILTERED	I026	Bicarbonate Alkalinity as CaCO3	73.4		mg/l	09/24/96	1461125
	FILTERED	I026	Bicarbonate Alkalinity as CaCO3	66.0		mg/l	10/24/96	1461220
	FILTDUP 1461220	I026	Bicarbonate Alkalinity as CaCO3	69.8		mg/l	10/24/96	1461221
	FILTERED 1461319	I027	Carbonate Alkalinity as CaCO3	< 20		mg/l	01/16/95	1460201
	FILTERED 1460566	I027	Carbonate Alkalinity as CaCO3	< 20		mg/l	10/16/95	1460565
	FILTERED	I027	Carbonate Alkalinity as CaCO3	< 1.00		mg/l	08/27/96	1461064
	FILTDUP 1461064	I027	Carbonate Alkalinity as CaCO3	< 1.00		mg/l	08/27/96	1461070
	FILTERED 1461102	I027	Carbonate Alkalinity as CaCO3	< 1.00		mg/l	07/31/96	1461083
	FILTDUP 1461083	I027	Carbonate Alkalinity as CaCO3	< 1.00		mg/l	07/31/96	1461086
	FILTERED	I027	Carbonate Alkalinity as CaCO3	< 2.00		mg/l	09/24/96	1461125
	FILTERED	I027	Carbonate Alkalinity as CaCO3	< 2.00		mg/l	10/24/96	1461220
	FILTDUP 1461220	I027	Carbonate Alkalinity as CaCO3	< 2.00		mg/l	10/24/96	1461221
	FILTERED	I027	Carbonate Alkalinity as CaCO3	< 2.00		mg/l	11/21/96	1461344
	FILTDUP 1461344	I027	Carbonate Alkalinity as CaCO3	< 2.00		mg/l	11/21/96	1461347
	FILTERED	I027	Carbonate Alkalinity as CaCO3	< 2.00		mg/l	12/18/96	1461436
	FILTDUP 1461436	I027	Carbonate Alkalinity as CaCO3	< 2.00		mg/l	12/18/96	1461439
	FILTDUP 1461552	I027	Carbonate Alkalinity as CaCO3	< 2.00		mg/l	01/23/97	1461549
	FILTERED	I027	Carbonate Alkalinity as CaCO3	< 2.00		mg/l	01/23/97	1461552
	FILTERED	I027	Carbonate Alkalinity as CaCO3	< 2.00		mg/l	02/25/97	1461599
	FILTDUP 1461599	I027	Carbonate Alkalinity as CaCO3	< 2.00		mg/l	02/25/97	1461602

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TABLE 2-23
Analytical Results for Municipal Supply Wells
and Adjacent Monitoring Wells
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
GW-64-D								
			Inorganic Non-metals					
	FILTERED	I027	Carbonate Alkalinity as CaCO3	< 1.00		mg/l	03/25/97	1461620
	FILTDUP 1461620	I027	Carbonate Alkalinity as CaCO3	< 1.00		mg/l	03/25/97	1461623
	FILTERED	I027	Carbonate Alkalinity as CaCO3	< 2.00		mg/l	04/23/97	1461662
	FILT DUP 1461662	I027	Carbonate Alkalinity as CaCO3	< 2.00		mg/l	04/23/97	1461665
	FILTERED 1461319	I030	Bromide	4.4	j	mg/l	01/16/95	1460201
	FILTERED 1460566	I030	Bromide	2	j	mg/l	10/16/95	1460565
	FILTERED 1461319	I040	Silica as SiO2	3.4	j	mg/l	01/16/95	1460201
	FILTERED 1460566	I040	Silica as SiO2	8.8		mg/l	10/16/95	1460565
		I040	Silica as SiO2	8.9		mg/l	10/16/95	1460566
	FILTERED 1461319	I044	Phosphorous	< 0.1	uj	mg/l	01/16/95	1460201
	FILTERED 1460566	I044	Phosphorous	< 0.10	uj	mg/l	10/16/95	1460565
	FILTERED 1461319	I058	Sulfide	< 1		mg/l	01/16/95	1460201
	FILTERED 1460566	I058	Sulfide	3		mg/l	10/16/95	1460565
		I059	Dissolved Oxygen, Field	< 0.0		mg/l	10/16/95	1460566
	FILTERED	I059	Dissolved Oxygen, Field	0.9		mg/l	09/24/96	1461125
	FILTERED	I059	Dissolved Oxygen, Field	1.2		mg/l	10/24/96	1461220
	FILTDUP 1461220	I059	Dissolved Oxygen, Field	1.2		mg/l	10/24/96	1461221
		I059	Dissolved Oxygen, Field	0.5		mg/l	01/16/95	1461319
	FILTERED	I059	Dissolved Oxygen, Field	0.6		mg/l	11/21/96	1461344
	FILTERED	I059	Dissolved Oxygen, Field	1.2		mg/l	12/18/96	1461436
	FILTDUP 1461552	I059	Dissolved Oxygen, Field	1.6		mg/l	01/23/97	1461549
	FILTERED	I059	Dissolved Oxygen, Field	2.2		mg/l	02/25/97	1461599
	FILTERED	I059	Dissolved Oxygen, Field	1.3		mg/l	03/25/97	1461620
	FILTERED	I059	Dissolved Oxygen, Field	1.2		mg/l	04/23/97	1461662
		I060	Eh Field	+125		mv	10/16/95	1460566
		I060	Eh Field	+105		mv	01/16/95	14[illegible]19
	FILTERED 1461319	I067	Alkalinity - Field	121		mg/l	01/16/95	1[illegible]1
	FILTERED 1460566	I067	Alkalinity - Field	115		mg/l	10/16/95	1[illegible]5
	FILTERED	I070	Bicarbonate as HCO3	81.6		mg/l	11/21/96	1461344
	FILTDUP 1461344	I070	Bicarbonate as HCO3	80.6		mg/l	11/21/96	1461347
	FILTERED	I070	Bicarbonate as HCO3	72.0		mg/l	12/18/96	1461436
	FILTDUP 1461436	I070	Bicarbonate as HCO3	72.4		mg/l	12/18/96	1461439
	FILTDUP 1461552	I070	Bicarbonate as HCO3	75.8		mg/l	01/23/97	1461549
	FILTERED	I070	Bicarbonate as HCO3	76.4		mg/l	01/23/97	1461552
	FILTERED	I070	Bicarbonate as HCO3	56.2		mg/l	02/25/97	1461599
	FILTDUP 1461599	I070	Bicarbonate as HCO3	54.4		mg/l	02/25/97	1461602
	FILTERED	I070	Bicarbonate as HCO3	73.8		mg/l	03/25/97	1461620
	FILTDUP 1461620	I070	Bicarbonate as HCO3	73.0		mg/l	03/25/97	1461623
	FILTERED	I070	Bicarbonate as HCO3	68.0		mg/l	04/23/97	1461662
	FILT DUP 1461662	I070	Bicarbonate as HCO3	67.0		mg/l	04/23/97	1461665
	FILTERED 1461319	I072	CO2 as C	33		mg/l	01/16/95	1460201
			Organics					
	FILTERED 1461319	O004	Total Organic Carbon (TOC)	5.5		mg/l	01/16/95	1460201
	FILTERED 1460566	O004	Total Organic Carbon (TOC)	7.4	j	mg/l	10/16/95	1460565
			Physical Properties					
	FILTERED	F002	Specific Conductance(umhos/cm @25 Deg C)	831		umhos	02/25/97	1461599
	FILTDUP 1461599	F002	Specific Conductance(umhos/cm @25 Deg C)	820		umhos	02/25/97	1461602
	FILTERED	F002	Specific Conductance(umhos/cm @25 Deg C)	778		umhos	04/23/97	1461662
	FILT DUP 1461662	F002	Specific Conductance(umhos/cm @25 Deg C)	757		umhos	04/23/97	1461665
	FILTERED 1461319	F007	Total Dissolved Solids (TDS)	900		mg/l	01/16/95	1460201
	FILTERED 1460566	F007	Total Dissolved Solids (TDS)	1300		mg/l	10/16/95	1460565
	FILTERED	F009	pH Laboratory	6.31		Std. Un	08/27/96	1461064
	FILTDUP 1461064	F009	pH Laboratory	6.36		Std. Un	08/27/96	1461070
	FILTERED	F009	pH Laboratory	6.45		Std. Un	10/24/96	1461220
	FILTDUP 1461220	F009	pH Laboratory	6.49		Std. Un	10/24/96	1461221

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and Adjacent Monitoring Wells
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
GW-64-D								
			Physical Properties					
	FILTERED	F009	pH Laboratory	6.63		Std. Un	11/21/96	1461344
	FILTDUP 1461344	F009	pH Laboratory	6.63		Std. Un	11/21/96	1461347
	FILTERED	F009	pH Laboratory	6.80		Std. Un	12/18/96	1461436
	FILTDUP 1461436	F009	pH Laboratory	6.94		Std. Un	12/18/96	1461439
	FILTDUP 1461552	F009	pH Laboratory	6.49		Std. Un	01/23/97	1461549
	FILTERED	F009	pH Laboratory	6.57		Std. Un	01/23/97	1461552
	FILTERED	F009	pH Laboratory	6.73		Std. Un	02/25/97	1461599
	FILTDUP 1461599	F009	pH Laboratory	6.69		Std. Un	02/25/97	1461602
	FILTERED	F009	pH Laboratory	6.64		Std. Un	03/25/97	1461620
	FILTDUP 1461620	F009	pH Laboratory	6.67		Std. Un	03/25/97	1461623
	FILTERED	F009	pH Laboratory	6.53		Std. Un	04/23/97	1461662
	FILT DUP 1461662	F009	pH Laboratory	6.58		Std. Un	04/23/97	1461665
	FILTERED	F010	Temperature	20.0		deg. C	10/24/96	1461220
	FILTDUP 1461220	F010	Temperature	20.0		deg. C	10/24/96	1461221
	FILTERED	F010	Temperature	20.0		deg. C	11/21/96	1461344
	FILTDUP 1461344	F010	Temperature	20.0		deg. C	11/21/96	1461347
	FILTERED	F010	Temperature	20.0		deg. C	12/18/96	1461436
	FILTDUP 1461436	F010	Temperature	20.0		deg. C	12/18/96	1461439
	FILTDUP 1461552	F010	Temperature	20.0		deg. C	01/23/97	1461549
	FILTERED	F010	Temperature	20.0		deg. C	01/23/97	1461552
	FILTERED	F010	Temperature	20.0		deg. C	02/25/97	1461599
	FILTDUP 1461599	F010	Temperature	20.0		deg. C	02/25/97	1461602
	FILTERED	F010	Temperature	20.0		deg. C	03/25/97	1461620
	FILTDUP 1461620	F010	Temperature	20.0		deg. C	03/25/97	1461623
	FILTERED	F010	Temperature	20.0		deg. C	04/23/97	1461662
	FILT DUP 1461662	F010	Temperature	20.0		deg. C	04/23/97	1461665
		F037	pH Field	6.67		Std. Un	10/16/95	1460566
	FILTERED	F037	pH Field	6.80		Std. Un	06/06/96	1460830
	FILTERED	F037	pH Field	6.54		Std. Un	08/27/96	1461064
		F037	pH Field	6.57		Std. Un	07/31/96	1461102
	FILTERED	F037	pH Field	6.55		Std. Un	09/24/96	1461125
	FILTERED	F037	pH Field	6.71		Std. Un	10/24/96	1461220
	FILTDUP 1461220	F037	pH Field	6.71		Std. Un	10/24/96	1461221
		F037	pH Field	6.42		Std. Un	01/16/95	1461319
	FILTERED	F037	pH Field	6.32		Std. Un	11/21/96	1461344
	FILTERED	F037	pH Field	6.55		Std. Un	12/18/96	1461436
	FILTDUP 1461552	F037	pH Field	6.33		Std. Un	01/23/97	1461549
	FILTERED	F037	pH Field	6.21		Std. Un	02/25/97	1461599
	FILTERED	F037	pH Field	6.34		Std. Un	03/25/97	1461620
	FILTERED	F037	pH Field	6.40		Std. Un	04/23/97	1461662
		F062	Specific Conductance - Field	1730		umhos	10/16/95	1460566
	FILTERED	F062	Specific Conductance - Field	1540		umhos	06/06/96	1460830
	FILTERED	F062	Specific Conductance - Field	1100		umhos	08/27/96	1461064
		F062	Specific Conductance - Field	996		umhos	07/31/96	1461102
	FILTERED	F062	Specific Conductance - Field	1030		umhos	09/24/96	1461125
	FILTERED	F062	Specific Conductance - Field	1110		umhos	10/24/96	1461220
	FILTDUP 1461220	F062	Specific Conductance - Field	1110		umhos	10/24/96	1461221
		F062	Specific Conductance - Field	1060		umhos	01/16/95	1461319
	FILTERED	F062	Specific Conductance - Field	876		umhos	11/21/96	1461344
	FILTERED	F062	Specific Conductance - Field	989		umhos	12/18/96	1461436
	FILTDUP 1461552	F062	Specific Conductance - Field	874		umhos	01/23/97	1461549
	FILTERED	F062	Specific Conductance - Field	915		umhos	02/25/97	1461599
	FILTERED	F062	Specific Conductance - Field	824		umhos	03/25/97	1461620
	FILTERED	F062	Specific Conductance - Field	890		umhos	04/23/97	1461662
		F064	Temperature - Field	10.1		deg. C	10/16/95	1460566
	FILTERED	F064	Temperature - Field	11.1		deg. C	06/06/96	1460830
	FILTERED	F064	Temperature - Field	10.8		deg. C	08/27/96	1461064
		F064	Temperature - Field	10.5		deg. C	07/31/96	1461102
	FILTERED	F064	Temperature - Field	10.4		deg. C	09/24/96	1461125

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and Adjacent Monitoring Wells
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
GW-64-D								
			Physical Properties					
	FILTERED	F064	Temperature - Field	10.5		deg. C	10/24/96	1461220
	FILTDUP 1461220	F064	Temperature - Field	10.5		deg. C	10/24/96	1461221
		F064	Temperature - Field	9.6		deg. C	01/16/95	1461319
	FILTERED	F064	Temperature - Field	9.7		deg. C	11/21/96	1461344
	FILTERED	F064	Temperature - Field	9.7		deg. C	12/18/96	1461436
	FILTDUP 1461552	F064	Temperature - Field	9.5		deg. C	01/23/97	1461549
	FILTERED	F064	Temperature - Field	6.4		deg. C	02/25/97	1461599
	FILTERED	F064	Temperature - Field	9.5		deg. C	03/25/97	1461620
	FILTERED	F064	Temperature - Field	9.7		deg. C	04/23/97	1461662
GW-64-S								
			Metals					
		M001	Aluminum	0.41		mg/l	10/16/95	1460674
		M003	Arsenic	< 0.005		mg/l	10/16/95	1460674
		M004	Barium	0.014		mg/l	10/16/95	1460674
		M007	Calcium	14		mg/l	10/16/95	1460674
		M008	Chromium	< 0.015		mg/l	10/16/95	1460674
		M008	Chromium	< 0.010		mg/l	07/31/96	1461101
		M011	Iron	1.4		mg/l	10/16/95	1460674
		M012	Lead	< 0.005		mg/l	10/16/95	1460674
		M013	Magnesium	2.6		mg/l	10/16/95	1460674
		M014	Manganese	0.34	j	mg/l	10/16/95	1460674
		M017	Potassium	2.4		mg/l	10/16/95	1460674
		M020	Sodium	46		mg/l	10/16/95	1460674
			Metals - Dissolved					
	FILTERED 1461317	M028	Arsenic, Dissolved	< 0.005		mg/l	01/16/95	14[illegible]97
	FILTERED 1460674	M028	Arsenic, Dissolved	< 0.005		mg/l	10/16/95	1[illegible]3
	FILTERED 1461317	M029	Barium, Dissolved	0.031		mg/l	01/16/95	1[illegible]7
	FILTERED 1460674	M029	Barium, Dissolved	0.014		mg/l	10/16/95	1460673
	FILTERED 1461317	M033	Calcium, Dissolved	10		mg/l	01/16/95	1460197
	FILTERED 1460674	M033	Calcium, Dissolved	14		mg/l	10/16/95	1460673
	FILTERED	M033	Calcium, Dissolved	8.78		mg/l	08/27/96	1461063
	FILTERED 1461101	M033	Calcium, Dissolved	11.6		mg/l	07/31/96	1461082
	FILTERED	M033	Calcium, Dissolved	25.7		mg/l	09/24/96	1461124
	FILTERED	M033	Calcium, Dissolved	9.17		mg/l	10/24/96	1461219
	FILTERED	M033	Calcium, Dissolved	9.15		mg/l	11/21/96	1461343
	FILTERED	M033	Calcium, Dissolved	< 5.0		mg/l	12/18/96	1461435
	FILTERED	M033	Calcium, Dissolved	< 5.0		mg/l	01/23/97	1461548
	FILTERED	M033	Calcium, Dissolved	7.53		mg/l	02/25/97	1461598
	FILTERED	M033	Calcium, Dissolved	5.67		mg/l	03/25/97	1461619
	FILTERED	M033	Calcium, Dissolved	5.3		mg/l	04/23/97	1461661
	FILTERED 1461317	M035	Hexavalent Chromium, Dissolved	< 0.015	uj	mg/l	01/16/95	1460197
	FILTERED 1460674	M035	Hexavalent Chromium, Dissolved	< 0.015		mg/l	10/16/95	1460673
	FILTERED 1461317	M036	Chromium, Dissolved	< 0.015		mg/l	01/16/95	1460197
	FILTERED 1460674	M036	Chromium, Dissolved	< 0.015		mg/l	10/16/95	1460673
	FILTERED	M036	Chromium, Dissolved	< 0.010		mg/l	08/27/96	1461063
	FILTERED 1461101	M036	Chromium, Dissolved	< 0.010		mg/l	07/31/96	1461082
	FILTERED	M036	Chromium, Dissolved	< 0.010		mg/l	09/24/96	1461124
	FILTERED	M036	Chromium, Dissolved	< 0.010		mg/l	10/24/96	1461219
	FILTERED	M036	Chromium, Dissolved	< 0.010		mg/l	11/21/96	1461343
	FILTERED	M036	Chromium, Dissolved	< 0.010		mg/l	12/18/96	1461435
	FILTERED	M036	Chromium, Dissolved	< 0.010		mg/l	01/23/97	1461548
	FILTERED	M036	Chromium, Dissolved	< 0.010		mg/l	02/25/97	1461598
	FILTERED	M036	Chromium, Dissolved	< 0.010		mg/l	03/25/97	1461619
	FILTERED	M036	Chromium, Dissolved	< 0.010		mg/l	04/23/97	1461661
	FILTERED 1461317	M040	Iron, Dissolved	0.10	j	mg/l	01/16/95	1460197
	FILTERED 1460674	M040	Iron, Dissolved	1.40		mg/l	10/16/95	1460673
	FILTERED	M040	Iron, Dissolved	< 0.10		mg/l	10/24/96	1461219
	FILTERED	M040	Iron, Dissolved	0.165		mg/l	11/21/96	1461343

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TABLE 2-23
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and Adjacent Monitoring Wells
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
GW-64-S								
			Metals - Dissolved					
	FILTERED	M040	Iron, Dissolved	< 0.10		mg/l	12/18/96	1461435
	FILTERED	M040	Iron, Dissolved	0.105		mg/l	01/23/97	1461548
	FILTERED	M040	Iron, Dissolved	0.16		mg/l	02/25/97	1461598
	FILTERED	M040	Iron, Dissolved	< 0.10		mg/l	03/25/97	1461619
	FILTERED	M040	Iron, Dissolved	< 0.100		mg/l	04/23/97	1461661
	FILTERED 1461317	M042	Potassium, Dissolved	1.3	j	mg/l	01/16/95	1460197
	FILTERED 1460674	M042	Potassium, Dissolved	2.2		mg/l	10/16/95	1460673
	FILTERED	M042	Potassium, Dissolved	< 5.0		mg/l	10/24/96	1461219
	FILTERED	M042	Potassium, Dissolved	< 5.0		mg/l	11/21/96	1461343
	FILTERED	M042	Potassium, Dissolved	< 5.0		mg/l	12/18/96	1461435
	FILTERED	M042	Potassium, Dissolved	< 5.0		mg/l	01/23/97	1461548
	FILTERED	M042	Potassium, Dissolved	1.07		mg/l	02/25/97	1461598
	FILTERED	M042	Potassium, Dissolved	< 5.0		mg/l	03/25/97	1461619
	FILTERED	M042	Potassium, Dissolved	< 5.00		mg/l	04/23/97	1461661
	FILTERED 1461317	M044	Magnesium, Dissolved	2.4		mg/l	01/16/95	1460197
	FILTERED 1460674	M044	Magnesium, Dissolved	2.8		mg/l	10/16/95	1460673
	FILTERED	M044	Magnesium, Dissolved	< 5.00		mg/l	08/27/96	1461063
	FILTERED 1461101	M044	Magnesium, Dissolved	< 5.00		mg/l	07/31/96	1461082
	FILTERED	M044	Magnesium, Dissolved	< 5.00		mg/l	09/24/96	1461124
	FILTERED	M044	Magnesium, Dissolved	< 5.00		mg/l	10/24/96	1461219
	FILTERED	M044	Magnesium, Dissolved	< 5.0		mg/l	11/21/96	1461343
	FILTERED	M044	Magnesium, Dissolved	< 5.0		mg/l	12/18/96	1461435
	FILTERED	M044	Magnesium, Dissolved	< 5.0		mg/l	01/23/97	1461548
	FILTERED	M044	Magnesium, Dissolved	1.53		mg/l	02/25/97	1461598
	FILTERED	M044	Magnesium, Dissolved	< 5.0		mg/l	03/25/97	1461619
	FILTERED	M044	Magnesium, Dissolved	< 5.00		mg/l	04/23/97	1461661
	FILTERED 1461317	M045	Manganese, Dissolved	0.018	j	mg/l	01/16/95	1460197
	FILTERED 1460674	M045	Manganese, Dissolved	0.34		mg/l	10/16/95	1460673
	FILTERED 1461317	M047	Sodium, Dissolved	34		mg/l	01/16/95	1460197
	FILTERED 1460674	M047	Sodium, Dissolved	47		mg/l	10/16/95	1460673
	FILTERED	M047	Sodium, Dissolved	35.0		mg/l	08/27/96	1461063
	FILTERED 1461101	M047	Sodium, Dissolved	34.9		mg/l	07/31/96	1461082
	FILTERED	M047	Sodium, Dissolved	42.8		mg/l	09/24/96	1461124
	FILTERED	M047	Sodium, Dissolved	40.6		mg/l	10/24/96	1461219
	FILTERED	M047	Sodium, Dissolved	32.4		mg/l	11/21/96	1461343
	FILTERED	M047	Sodium, Dissolved	19.6		mg/l	12/18/96	1461435
	FILTERED	M047	Sodium, Dissolved	14.6		mg/l	01/23/97	1461548
	FILTERED	M047	Sodium, Dissolved	18.9		mg/l	02/25/97	1461598
	FILTERED	M047	Sodium, Dissolved	14.5		mg/l	03/25/97	1461619
	FILTERED	M047	Sodium, Dissolved	13.5		mg/l	04/23/97	1461661
	FILTERED 1461317	M048	Lead, Dissolved	< 0.005		mg/l	01/16/95	1460197
	FILTERED 1460674	M048	Lead, Dissolved	< 0.005		mg/l	10/16/95	1460673
	FILTERED 1461317	M054	Aluminum, Dissolved	0.39		mg/l	01/16/95	1460197
	FILTERED 1460674	M054	Aluminum, Dissolved	0.28		mg/l	10/16/95	1460673
	FILTERED	M054	Aluminum, Dissolved	0.284		mg/l	02/25/97	1461598
	FILTERED 1461317	M109	Trivalent Chromium, Dissolved	< 0.015		mg/l	01/16/95	1460197
	FILTERED 1460674	M109	Trivalent Chromium, Dissolved	< 0.015		mg/l	10/16/95	1460673
	FILTERED 1461317	M111	Total Iron, Field	0.05		mg/l	01/16/95	1460197
	FILTERED 1460674	M111	Total Iron, Field	1.53		mg/l	10/16/95	1460673
	FILTERED 1461317	M112	Iron as Fe+2 - Field	< 0.0		mg/l	01/16/95	1460197
	FILTERED 1460674	M112	Iron as Fe+2 - Field	1.22		mg/l	10/16/95	1460673
	FILTERED 1461317	M113	Iron as Fe+3 - Field	0.05		mg/l	01/16/95	1460197
	FILTERED 1460674	M113	Iron as Fe+3 - Field	0.31		mg/l	10/16/95	1460673
	FILTERED 1461317	M114	Hexavalent Chromium, Field	< 0.0		mg/l	01/16/95	1460197
	FILTERED 1460674	M114	Hexavalent Chromium, Field	0.09		mg/l	10/16/95	1460673
			Inorganic Non-metals					
	FILTERED	I002	Total Alkalinity as CaCO3	15.6		mg/l	08/27/96	1461063
	FILTERED	I002	Total Alkalinity as CaCO3	42.4		mg/l	09/24/96	1461124
	FILTERED	I002	Total Alkalinity as CaCO3	21.8		mg/l	10/24/96	1461219

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TABLE 2-23
Analytical Results for Municipal Supply Wells
and Adjacent Monitoring Wells
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID		Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
GW-64-S									
				Inorganic Non-metals					
	FILTERED		I002	Total Alkalinity as CaCO3	16.8		mg/l	11/21/96	1461343
	FILTERED		I002	Total Alkalinity as CaCO3	12.4		mg/l	12/18/96	1461435
	FILTERED		I002	Total Alkalinity as CaCO3	14.2		mg/l	01/23/97	1461548
	FILTERED		I002	Total Alkalinity as CaCO3	16.2		mg/l	02/25/97	1461598
	FILTERED		I002	Total Alkalinity as CaCO3	12.0		mg/l	03/25/97	1461619
	FILTERED		I002	Total Alkalinity as CaCO3	9.0		mg/l	04/23/97	1461661
	FILTERED	1461317	I005	Chloride	60		mg/l	01/16/95	1460197
	FILTERED	1460674	I005	Chloride	78		mg/l	10/16/95	1460673
	FILTERED		I005	Chloride	69.6		mg/l	08/27/96	1461063
	FILTERED		I005	Chloride	69.6		mg/l	08/27/96	1461063
	FILTERED	1461101	I005	Chloride	80.7	j	mg/l	07/31/96	1461082
	FILTERED		I005	Chloride	59.8		mg/l	09/24/96	1461124
	FILTERED		I005	Chloride	73.8		mg/l	10/24/96	1461219
	FILTERED		I005	Chloride	62.3		mg/l	11/21/96	1461343
	FILTERED		I005	Chloride	31.7	N	mg/l	12/18/96	1461435
	FILTERED		I005	Chloride	24.0		mg/l	01/23/97	1461548
	FILTERED		I005	Chloride	37.8		mg/l	02/25/97	1461598
	FILTERED		I005	Chloride	26.0		mg/l	03/25/97	1461619
	FILTERED		I005	Chloride	27.6		mg/l	04/23/97	1461661
	FILTERED	1461317	I009	Nitrogen, Ammonia	0.07		mg/l	01/16/95	1460197
	FILTERED	1460674	I009	Nitrogen, Ammonia	0.37		mg/l	10/16/95	1460673
			I009	Nitrogen, Ammonia	0.35		mg/l	10/16/95	1460674
	FILTERED		I009	Nitrogen, Ammonia	0.08		mg/l	08/27/96	1461063
	FILTERED	1461101	I009	Nitrogen, Ammonia	0.12		mg/l	07/31/96	1461082
	FILTERED		I009	Nitrogen, Ammonia	0.77		mg/l	09/24/96	1461124
	FILTERED		I009	Nitrogen, Ammonia	0.19		mg/l	10/24/96	14[illegible]9
	FILTERED		I009	Nitrogen, Ammonia	0.17		mg/l	11/21/96	1[illegible]3
	FILTERED		I009	Nitrogen, Ammonia	< 0.04		mg/l	12/18/96	14[illegible]5
	FILTERED		I009	Nitrogen, Ammonia	< 0.040		mg/l	01/23/97	1461548
	FILTERED		I009	Nitrogen, Ammonia	< 0.04		mg/l	02/25/97	1461598
	FILTERED		I009	Nitrogen, Ammonia	< 0.04		mg/l	03/25/97	1461619
	FILTERED		I009	Nitrogen, Ammonia	0.13		mg/l	04/23/97	1461661
	FILTERED	1461317	I012	Nitrate as N	0.17	j	mg/l	01/16/95	1460197
	FILTERED	1460674	I012	Nitrate as N	0.25	j	mg/l	10/16/95	1460673
	FILTERED	1461317	I014	Nitrite as N	< 0.05		mg/l	01/16/95	1460197
	FILTERED	1460674	I014	Nitrite as N	< 0.050	uj	mg/l	10/16/95	1460673
	FILTERED	1461317	I017	Ortho Phosphate as Phosphorus	< 0.02		mg/l	01/16/95	1460197
	FILTERED	1460674	I017	Ortho Phosphate as Phosphorus	0.04		mg/l	10/16/95	1460673
	FILTERED	1461317	I018	Sulfate as SO4	22	j	mg/l	01/16/95	1460197
	FILTERED	1460674	I018	Sulfate as SO4	13		mg/l	10/16/95	1460673
	FILTERED	1461101	I018	Sulfate as SO4	< 10.0	u	mg/l	07/31/96	1461082
	FILTERED		I018	Sulfate as SO4	61.7		mg/l	09/24/96	1461124
	FILTERED		I018	Sulfate as SO4	14.0		mg/l	10/24/96	1461219
	FILTERED		I018	Sulfate as SO4	21.0		mg/l	11/21/96	1461343
	FILTERED		I018	Sulfate as SO4	10.7		mg/l	12/18/96	1461435
	FILTERED		I018	Sulfate as SO4	65.0		mg/l	01/23/97	1461548
	FILTERED		I018	Sulfate as SO4	< 10		mg/l	02/25/97	1461598
	FILTERED		I018	Sulfate as SO4	< 10		mg/l	03/25/97	1461619
	FILTERED		I018	Sulfate as SO4	< 10.0		mg/l	04/23/97	1461661
	FILTERED	1461317	I026	Bicarbonate Alkalinity as CaCO3	< 20		mg/l	01/16/95	1460197
	FILTERED	1460674	I026	Bicarbonate Alkalinity as CaCO3	44		mg/l	10/16/95	1460673
	FILTERED	1460674	I026	Bicarbonate Alkalinity as CaCO3	44		mg/l	10/16/95	1460673
	FILTERED		I026	Bicarbonate Alkalinity as CaCO3	15.6		mg/l	08/27/96	1461063
	FILTERED	1461101	I026	Bicarbonate Alkalinity as CaCO3	21.8		mg/l	07/31/96	1461082
	FILTERED		I026	Bicarbonate Alkalinity as CaCO3	42.4		mg/l	09/24/96	1461124
	FILTERED		I026	Bicarbonate Alkalinity as CaCO3	21.8		mg/l	10/24/96	1461219
	FILTERED	1461317	I027	Carbonate Alkalinity as CaCO3	< 20		mg/l	01/16/95	1460197
	FILTERED	1460674	I027	Carbonate Alkalinity as CaCO3	< 20		mg/l	10/16/95	1460673
	FILTERED		I027	Carbonate Alkalinity as CaCO3	< 1.00		mg/l	08/27/96	1461063

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Analytical Results for Municipal Supply Wells
and Adjacent Monitoring Wells
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
GW-64-S								
			Inorganic Non-metals					
	FILTERED 1461101	I027	Carbonate Alkalinity as CaCO3	< 1.00		mg/l	07/31/96	1461082
	FILTERED	I027	Carbonate Alkalinity as CaCO3	< 2.00		mg/l	09/24/96	1461124
	FILTERED	I027	Carbonate Alkalinity as CaCO3	< 2.00		mg/l	10/24/96	1461219
	FILTERED	I027	Carbonate Alkalinity as CaCO3	< 2.00		mg/l	11/21/96	1461343
	FILTERED	I027	Carbonate Alkalinity as CaCO3	< 2.00		mg/l	12/18/96	1461435
	FILTERED	I027	Carbonate Alkalinity as CaCO3	< 2.00		mg/l	01/23/97	1461548
	FILTERED	I027	Carbonate Alkalinity as CaCO3	< 2.00		mg/l	02/25/97	1461598
	FILTERED	I027	Carbonate Alkalinity as CaCO3	< 1.00		mg/l	03/25/97	1461619
	FILTERED	I027	Carbonate Alkalinity as CaCO3	< 2.00		mg/l	04/23/97	1461661
	FILTERED 1461317	I030	Bromide	< 2		mg/l	01/16/95	1460197
	FILTERED 1460674	I030	Bromide	< 1		mg/l	10/16/95	1460673
	FILTERED 1461317	I040	Silica as SiO2	3.5	j	mg/l	01/16/95	1460197
		I040	Silica as SiO2	5.5		mg/l	10/16/95	1460674
	FILTERED 1461317	I044	Phosphorous	< 0.1	uj	mg/l	01/16/95	1460197
	FILTERED 1460674	I044	Phosphorous	< 0.10	uj	mg/l	10/16/95	1460673
	FILTERED 1461317	I058	Sulfide	< 1		mg/l	01/16/95	1460197
	FILTERED 1460674	I058	Sulfide	< 1		mg/l	10/16/95	1460673
		I059	Dissolved Oxygen, Field	0.2		mg/l	10/16/95	1460674
	FILTERED	I059	Dissolved Oxygen, Field	1.1		mg/l	09/24/96	1461124
	FILTERED	I059	Dissolved Oxygen, Field	3.4		mg/l	10/24/96	1461219
		I059	Dissolved Oxygen, Field	21.2		mg/l	01/16/95	1461317
	FILTERED	I059	Dissolved Oxygen, Field	3.8		mg/l	11/21/96	1461343
	FILTERED	I059	Dissolved Oxygen, Field	5.4		mg/l	12/18/96	1461435
	FILTERED	I059	Dissolved Oxygen, Field	7.4		mg/l	01/23/97	1461548
	FILTERED	I059	Dissolved Oxygen, Field	5.3		mg/l	02/25/97	1461598
	FILTERED	I059	Dissolved Oxygen, Field	6.8		mg/l	03/25/97	1461619
	FILTERED	I059	Dissolved Oxygen, Field	6.5		mg/l	04/23/97	1461661
		I060	Eh Field	+294		mv	10/16/95	1460674
		I060	Eh Field	+437		mv	01/16/95	1461317
	FILTERED 1461317	I067	Alkalinity - Field	11.8		mg/l	01/16/95	1460197
	FILTERED 1460674	I067	Alkalinity - Field	45		mg/l	10/16/95	1460673
	FILTERED	I070	Bicarbonate as HCO3	16.8		mg/l	11/21/96	1461343
	FILTERED	I070	Bicarbonate as HCO3	12.4		mg/l	12/18/96	1461435
	FILTERED	I070	Bicarbonate as HCO3	14.2		mg/l	01/23/97	1461548
	FILTERED	I070	Bicarbonate as HCO3	16.2		mg/l	02/25/97	1461598
	FILTERED	I070	Bicarbonate as HCO3	12.0		mg/l	03/25/97	1461619
	FILTERED	I070	Bicarbonate as HCO3	9.0		mg/l	04/23/97	1461661
	FILTERED 1461317	I072	CO2 as C	7		mg/l	01/16/95	1460197
			Organics					
	FILTERED 1461317	O004	Total Organic Carbon (TOC)	5.7		mg/l	01/16/95	1460197
	FILTERED 1460674	O004	Total Organic Carbon (TOC)	15	j	mg/l	10/16/95	1460673
			Physical Properties					
	FILTERED	F002	Specific Conductance(umhos/cm @25 Deg C)	180		umhos	02/25/97	1461598
	FILTERED	F002	Specific Conductance(umhos/cm @25 Deg C)	131		umhos	04/23/97	1461661
	FILTERED 1461317	F007	Total Dissolved Solids (TDS)	140		mg/l	01/16/95	1460197
	FILTERED 1460674	F007	Total Dissolved Solids (TDS)	220		mg/l	10/16/95	1460673
	FILTERED	F009	pH Laboratory	5.92		Std. Un	08/27/96	1461063
	FILTERED	F009	pH Laboratory	5.96		Std. Un	10/24/96	1461219
	FILTERED	F009	pH Laboratory	5.95		Std. Un	11/21/96	1461343
	FILTERED	F009	pH Laboratory	6.73		Std. Un	12/18/96	1461435
	FILTERED	F009	pH Laboratory	6.01		Std. Un	01/23/97	1461548
	FILTERED	F009	pH Laboratory	6.36		Std. Un	02/25/97	1461598
	FILTERED	F009	pH Laboratory	5.92		Std. Un	03/25/97	1461619
	FILTERED	F009	pH Laboratory	5.79		Std. Un	04/23/97	1461661
	FILTERED	F010	Temperature	20.0		deg. C	10/24/96	1461219
	FILTERED	F010	Temperature	20.0		deg. C	11/21/96	1461343
	FILTERED	F010	Temperature	20.0		deg. C	12/18/96	1461435

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and Adjacent Monitoring Wells
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
GW-64-S								
			Physical Properties					
	FILTERED	F010	Temperature	20.0		deg. C	01/23/97	1461548
	FILTERED	F010	Temperature	20.0		deg. C	02/25/97	1461598
	FILTERED	F010	Temperature	20.0		deg. C	03/25/97	1461619
	FILTERED	F010	Temperature	20.0		deg. C	04/23/97	1461661
		F037	pH Field	6.05		Std. Un	10/16/95	1460674
	FILTERED	F037	pH Field	5.51		Std. Un	08/27/96	1461063
		F037	pH Field	5.57		Std. Un	07/31/96	1461101
	FILTERED	F037	pH Field	5.55		Std. Un	09/24/96	1461124
	FILTERED	F037	pH Field	5.74		Std. Un	10/24/96	1461219
		F037	pH Field	5.43		Std. Un	01/16/95	1461317
	FILTERED	F037	pH Field	5.22		Std. Un	11/21/96	1461343
	FILTERED	F037	pH Field	5.59		Std. Un	12/18/96	1461435
	FILTERED	F037	pH Field	5.25		Std. Un	01/23/97	1461548
	FILTERED	F037	pH Field	5.10		Std. Un	02/25/97	1461598
	FILTERED	F037	pH Field	4.91		Std. Un	03/25/97	1461619
	FILTERED	F037	pH Field	5.05		Std. Un	04/23/97	1461661
		F062	Specific Conductance - Field	383		umhos	10/16/95	1460674
	FILTERED	F062	Specific Conductance - Field	310		umhos	08/27/96	1461063
		F062	Specific Conductance - Field	347		umhos	07/31/96	1461101
	FILTERED	F062	Specific Conductance - Field	452		umhos	09/24/96	1461124
	FILTERED	F062	Specific Conductance - Field	331		umhos	10/24/96	1461219
		F062	Specific Conductance - Field	272		umhos	01/16/95	1461317
	FILTERED	F062	Specific Conductance - Field	275		umhos	11/21/96	1461343
	FILTERED	F062	Specific Conductance - Field	154		umhos	12/18/96	1461435
	FILTERED	F062	Specific Conductance - Field	139		umhos	01/23/97	1461548
	FILTERED	F062	Specific Conductance - Field	166		umhos	02/25/97	146[illegible]98
	FILTERED	F062	Specific Conductance - Field	128		umhos	03/25/97	1[illegible]
	FILTERED	F062	Specific Conductance - Field	147		umhos	04/23/97	14[illegible]
		F064	Temperature - Field	11.2		deg. C	10/16/95	1460674
	FILTERED	F064	Temperature - Field	17.9		deg. C	08/27/96	1461063
		F064	Temperature - Field	16.9		deg. C	07/31/96	1461101
	FILTERED	F064	Temperature - Field	16.8		deg. C	09/24/96	1461124
	FILTERED	F064	Temperature - Field	16.9		deg. C	10/24/96	1461219
		F064	Temperature - Field	7.7		deg. C	01/16/95	1461317
	FILTERED	F064	Temperature - Field	14.1		deg. C	11/21/96	1461343
	FILTERED	F064	Temperature - Field	12.4		deg. C	12/18/96	1461435
	FILTERED	F064	Temperature - Field	9.6		deg. C	01/23/97	1461548
	FILTERED	F064	Temperature - Field	5.8		deg. C	02/25/97	1461598
	FILTERED	F064	Temperature - Field	6.2		deg. C	03/25/97	1461619
	FILTERED	F064	Temperature - Field	5.5		deg. C	04/23/97	1461661
GW-73-D								
			Metals					
		M008	Chromium	< 0.010		mg/l	08/01/96	1461108
			Metals - Dissolved					
	FILTERED	M033	Calcium, Dissolved	32.0		mg/l	08/27/96	1461058
	FILTERED 1461108	M033	Calcium, Dissolved	33.8		mg/l	08/01/96	1461089
	FILTERED	M033	Calcium, Dissolved	33.0		mg/l	09/24/96	1461118
	FILTERED	M033	Calcium, Dissolved	37.8		mg/l	10/24/96	1461223
	FILTERED	M033	Calcium, Dissolved	29.7		mg/l	11/21/96	1461346
	FILTERED	M033	Calcium, Dissolved	28.8		mg/l	12/18/96	1461438
	FILTERED	M033	Calcium, Dissolved	27.5		mg/l	01/23/97	1461551
	FILTERED	M033	Calcium, Dissolved	29.1		mg/l	02/25/97	1461601
	FILTERED	M033	Calcium, Dissolved	29.7		mg/l	03/25/97	1461622
	FILTERED	M033	Calcium, Dissolved	26.8		mg/l	04/23/97	1461664
	FILTERED	M036	Chromium, Dissolved	< 0.010		mg/l	08/27/96	1461058
	FILTERED 1461108	M036	Chromium, Dissolved	< 0.010		mg/l	08/01/96	1461089
	FILTERED	M036	Chromium, Dissolved	< 0.010		mg/l	09/24/96	1461118
	FILTERED	M036	Chromium, Dissolved	< 0.010		mg/l	10/24/96	1461223

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Analytical Results for Municipal Supply Wells
and Adjacent Monitoring Wells
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
GW-73-D								
			Metals - Dissolved					
	FILTERED	M036	Chromium, Dissolved	< 0.010		mg/l	11/21/96	1461346
	FILTERED	M036	Chromium, Dissolved	< 0.010		mg/l	12/18/96	1461438
	FILTERED	M036	Chromium, Dissolved	< 0.010		mg/l	01/23/97	1461551
	FILTERED	M036	Chromium, Dissolved	< 0.010		mg/l	02/25/97	1461601
	FILTERED	M036	Chromium, Dissolved	< 0.010		mg/l	03/25/97	1461622
	FILTERED	M036	Chromium, Dissolved	< 0.010		mg/l	04/23/97	1461664
	FILTERED	M040	Iron, Dissolved	1.78		mg/l	10/24/96	1461223
	FILTERED	M040	Iron, Dissolved	0.585		mg/l	11/21/96	1461346
	FILTERED	M040	Iron, Dissolved	0.92		mg/l	12/18/96	1461438
	FILTERED	M040	Iron, Dissolved	0.308		mg/l	01/23/97	1461551
	FILTERED	M040	Iron, Dissolved	0.715		mg/l	02/25/97	1461601
	FILTERED	M040	Iron, Dissolved	0.399		mg/l	03/25/97	1461622
	FILTERED	M040	Iron, Dissolved	0.452		mg/l	04/23/97	1461664
	FILTERED	M042	Potassium, Dissolved	< 5.0		mg/l	10/24/96	1461223
	FILTERED	M042	Potassium, Dissolved	< 5.0		mg/l	11/21/96	1461346
	FILTERED	M042	Potassium, Dissolved	< 5.0		mg/l	12/18/96	1461438
	FILTERED	M042	Potassium, Dissolved	< 5.0		mg/l	01/23/97	1461551
	FILTERED	M042	Potassium, Dissolved	3.76		mg/l	02/25/97	1461601
	FILTERED	M042	Potassium, Dissolved	< 5.0		mg/l	03/25/97	1461622
	FILTERED	M042	Potassium, Dissolved	< 5.00		mg/l	04/23/97	1461664
	FILTERED	M044	Magnesium, Dissolved	10.1		mg/l	08/27/96	1461058
	FILTERED 1461108	M044	Magnesium, Dissolved	10.3		mg/l	08/01/96	1461089
	FILTERED	M044	Magnesium, Dissolved	10.2		mg/l	09/24/96	1461118
	FILTERED	M044	Magnesium, Dissolved	11.7		mg/l	10/24/96	1461223
	FILTERED	M044	Magnesium, Dissolved	9.26		mg/l	11/21/96	1461346
	FILTERED	M044	Magnesium, Dissolved	9.24		mg/l	12/18/96	1461438
	FILTERED	M044	Magnesium, Dissolved	8.45		mg/l	01/23/97	1461551
	FILTERED	M044	Magnesium, Dissolved	9.14		mg/l	02/25/97	1461601
	FILTERED	M044	Magnesium, Dissolved	9.19		mg/l	03/25/97	1461622
	FILTERED	M044	Magnesium, Dissolved	8.49		mg/l	04/23/97	1461664
	FILTERED	M047	Sodium, Dissolved	33.1		mg/l	08/27/96	1461058
	FILTERED 1461108	M047	Sodium, Dissolved	34.1		mg/l	08/01/96	1461089
	FILTERED	M047	Sodium, Dissolved	33.5		mg/l	09/24/96	1461118
	FILTERED	M047	Sodium, Dissolved	31.2		mg/l	10/24/96	1461223
	FILTERED	M047	Sodium, Dissolved	31.2		mg/l	11/21/96	1461346
	FILTERED	M047	Sodium, Dissolved	28.5		mg/l	12/18/96	1461438
	FILTERED	M047	Sodium, Dissolved	31.7		mg/l	01/23/97	1461551
	FILTERED	M047	Sodium, Dissolved	29.9		mg/l	02/25/97	1461601
	FILTERED	M047	Sodium, Dissolved	35.3		mg/l	03/25/97	1461622
	FILTERED	M047	Sodium, Dissolved	30.8		mg/l	04/23/97	1461664
	FILTERED	M054	Aluminum, Dissolved	< 0.2		mg/l	02/25/97	1461601
			Inorganic Non-metals					
	FILTERED	I002	Total Alkalinity as CaCO3	77.6		mg/l	08/27/96	1461058
	FILTERED	I002	Total Alkalinity as CaCO3	73.6		mg/l	09/24/96	1461118
	FILTERED	I002	Total Alkalinity as CaCO3	63.4		mg/l	10/24/96	1461223
	FILTERED	I002	Total Alkalinity as CaCO3	76.8		mg/l	11/21/96	1461346
	FILTERED	I002	Total Alkalinity as CaCO3	73.4		mg/l	12/18/96	1461438
	FILTERED	I002	Total Alkalinity as CaCO3	75.0		mg/l	01/23/97	1461551
	FILTERED	I002	Total Alkalinity as CaCO3	72.2		mg/l	02/25/97	1461601
	FILTERED	I002	Total Alkalinity as CaCO3	71.8		mg/l	03/25/97	1461622
	FILTERED	I002	Total Alkalinity as CaCO3	69.0		mg/l	04/23/97	1461664
	FILTERED	I005	Chloride	80.9		mg/l	08/27/96	1461058
	FILTERED 1461108	I005	Chloride	86.1	j	mg/l	08/01/96	1461089
	FILTERED	I005	Chloride	90.0		mg/l	09/24/96	1461118
	FILTERED	I005	Chloride	117		mg/l	10/24/96	1461223
	FILTERED	I005	Chloride	80.4		mg/l	11/21/96	1461346
	FILTERED	I005	Chloride	75.6	N	mg/l	12/18/96	1461438
	FILTERED	I005	Chloride	75.2		mg/l	01/23/97	1461551
	FILTERED	I005	Chloride	77.8		mg/l	02/25/97	1461601

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TABLE 2-23
Analytical Results for Municipal Supply Wells
and Adjacent Monitoring Wells
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
GW-73-D								
			Inorganic Non-metals					
	FILTERED	I005	Chloride	73.7		mg/l	03/25/97	1461622
	FILTERED	I005	Chloride	72.9		mg/l	04/23/97	1461664
	FILTERED	I009	Nitrogen, Ammonia	< 0.04		mg/l	08/27/96	1461058
	FILTERED 1461108	I009	Nitrogen, Ammonia	0.08		mg/l	08/01/96	1461089
	FILTERED	I009	Nitrogen, Ammonia	< 0.04		mg/l	09/24/96	1461118
	FILTERED	I009	Nitrogen, Ammonia	0.16		mg/l	10/24/96	1461223
	FILTERED	I009	Nitrogen, Ammonia	0.097		mg/l	11/21/96	1461346
	FILTERED	I009	Nitrogen, Ammonia	< 0.04		mg/l	12/18/96	1461438
	FILTERED	I009	Nitrogen, Ammonia	< 0.040		mg/l	01/23/97	1461551
	FILTERED	I009	Nitrogen, Ammonia	0.053		mg/l	02/25/97	1461601
	FILTERED	I009	Nitrogen, Ammonia	< 0.04		mg/l	03/25/97	1461622
	FILTERED	I009	Nitrogen, Ammonia	< 0.040		mg/l	04/23/97	1461664
	FILTERED	I018	Sulfate as SO4	29.6		mg/l	08/27/96	1461058
	FILTERED 1461108	I018	Sulfate as SO4	< 10.0		mg/l	08/01/96	1461089
	FILTERED	I018	Sulfate as SO4	26.8		mg/l	09/24/96	1461118
	FILTERED	I018	Sulfate as SO4	27.2		mg/l	10/24/96	1461223
	FILTERED	I018	Sulfate as SO4	27.6		mg/l	11/21/96	1461346
	FILTERED	I018	Sulfate as SO4	29.2		mg/l	12/18/96	1461438
	FILTERED	I018	Sulfate as SO4	< 10.000		mg/l	01/23/97	1461551
	FILTERED	I018	Sulfate as SO4	25.5		mg/l	02/25/97	1461601
	FILTERED	I018	Sulfate as SO4	25.9		mg/l	03/25/97	1461622
	FILTERED	I018	Sulfate as SO4	25.1		mg/l	04/23/97	1461664
	FILTERED	I026	Bicarbonate Alkalinity as CaCO3	77.6		mg/l	08/27/96	1461058
	FILTERED 1461108	I026	Bicarbonate Alkalinity as CaCO3	74.0		mg/l	08/01/96	1461089
	FILTERED	I026	Bicarbonate Alkalinity as CaCO3	73.6		mg/l	09/24/96	1461118
	FILTERED	I026	Bicarbonate Alkalinity as CaCO3	63.4		mg/l	10/24/96	1461223
	FILTERED	I027	Carbonate Alkalinity as CaCO3	< 1.00		mg/l	08/27/96	[illegible]
	FILTERED 1461108	I027	Carbonate Alkalinity as CaCO3	< 1.00		mg/l	08/01/96	[illegible]
	FILTERED	I027	Carbonate Alkalinity as CaCO3	< 2.00		mg/l	09/24/96	1461118
	FILTERED	I027	Carbonate Alkalinity as CaCO3	< 2.00		mg/l	10/24/96	1461223
	FILTERED	I027	Carbonate Alkalinity as CaCO3	< 2.00		mg/l	11/21/96	1461346
	FILTERED	I027	Carbonate Alkalinity as CaCO3	< 2.00		mg/l	12/18/96	1461438
	FILTERED	I027	Carbonate Alkalinity as CaCO3	< 2.00		mg/l	01/23/97	1461551
	FILTERED	I027	Carbonate Alkalinity as CaCO3	< 2.00		mg/l	02/25/97	1461601
	FILTERED	I027	Carbonate Alkalinity as CaCO3	< 1.00		mg/l	03/25/97	1461622
	FILTERED	I027	Carbonate Alkalinity as CaCO3	< 2.00		mg/l	04/23/97	1461664
	FILTERED	I059	Dissolved Oxygen, Field	1.3		mg/l	09/24/96	1461118
	FILTERED	I059	Dissolved Oxygen, Field	1.5		mg/l	10/24/96	1461223
	FILTERED	I059	Dissolved Oxygen, Field	0.9		mg/l	11/21/96	1461346
	FILTERED	I059	Dissolved Oxygen, Field	1.6		mg/l	12/18/96	1461438
	FILTERED	I059	Dissolved Oxygen, Field	1.4		mg/l	01/23/97	1461551
	FILTERED	I059	Dissolved Oxygen, Field	1.3		mg/l	02/25/97	1461601
	FILTERED	I059	Dissolved Oxygen, Field	1.2		mg/l	03/25/97	1461622
	FILTERED	I059	Dissolved Oxygen, Field	1.2		mg/l	04/23/97	1461664
	FILTERED	I070	Bicarbonate as HCO3	76.8		mg/l	11/21/96	1461346
	FILTERED	I070	Bicarbonate as HCO3	73.4		mg/l	12/18/96	1461438
	FILTERED	I070	Bicarbonate as HCO3	75.0		mg/l	01/23/97	1461551
	FILTERED	I070	Bicarbonate as HCO3	72.2		mg/l	02/25/97	1461601
	FILTERED	I070	Bicarbonate as HCO3	71.8		mg/l	03/25/97	1461622
	FILTERED	I070	Bicarbonate as HCO3	69.0		mg/l	04/23/97	1461664
			Physical Properties					
	FILTERED	F002	Specific Conductance(umhos/cm @25 Deg C)	441		umhos	02/25/97	1461601
	FILTERED	F002	Specific Conductance(umhos/cm @25 Deg C)	440		umhos	04/23/97	1461664
	FILTERED	F009	pH Laboratory	6.78		Std. Un	08/27/96	1461058
	FILTERED	F009	pH Laboratory	6.69		Std. Un	10/24/96	1461223
	FILTERED	F009	pH Laboratory	6.69		Std. Un	11/21/96	1461346
	FILTERED	F009	pH Laboratory	7.20		Std. Un	12/18/96	1461438

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TABLE 2-23
Analytical Results for Municipal Supply Wells
and Adjacent Monitoring Wells
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
GW-73-D								
			Physical Properties					
	FILTERED	F009	pH Laboratory	6.73		Std. Un	01/23/97	1461551
	FILTERED	F009	pH Laboratory	6.84		Std. Un	02/25/97	1461601
	FILTERED	F009	pH Laboratory	6.98		Std. Un	03/25/97	1461622
	FILTERED	F009	pH Laboratory	6.83		Std. Un	04/23/97	1461664
	FILTERED	F010	Temperature	20.0		deg. C	10/24/96	1461223
	FILTERED	F010	Temperature	20.0		deg. C	11/21/96	1461346
	FILTERED	F010	Temperature	20.0		deg. C	12/18/96	1461438
	FILTERED	F010	Temperature	20.0		deg. C	01/23/97	1461551
	FILTERED	F010	Temperature	20.0		deg. C	02/25/97	1461601
	FILTERED	F010	Temperature	20.0		deg. C	03/25/97	1461622
	FILTERED	F010	Temperature	20.0		deg. C	04/23/97	1461664
	FILTERED	F037	pH Field	6.64		Std. Un	08/27/96	1461058
		F037	pH Field	6.39		Std. Un	08/01/96	1461108
	FILTERED	F037	pH Field	6.40		Std. Un	09/24/96	1461118
	FILTERED	F037	pH Field	6.40		Std. Un	10/24/96	1461223
	FILTERED	F037	pH Field	6.20		Std. Un	11/21/96	1461346
	FILTERED	F037	pH Field	6.22		Std. Un	12/18/96	1461438
	FILTERED	F037	pH Field	6.16		Std. Un	01/23/97	1461551
	FILTERED	F037	pH Field	6.09		Std. Un	02/25/97	1461601
	FILTERED	F037	pH Field	6.30		Std. Un	03/25/97	1461622
	FILTERED	F037	pH Field	6.39		Std. Un	04/23/97	1461664
	FILTERED	F062	Specific Conductance - Field	485		umhos	08/27/96	1461058
		F062	Specific Conductance - Field	502		umhos	08/01/96	1461108
	FILTERED	F062	Specific Conductance - Field	491		umhos	09/24/96	1461118
	FILTERED	F062	Specific Conductance - Field	590		umhos	10/24/96	1461223
	FILTERED	F062	Specific Conductance - Field	465		umhos	11/21/96	1461346
	FILTERED	F062	Specific Conductance - Field	456		umhos	12/18/96	1461438
	FILTERED	F062	Specific Conductance - Field	446		umhos	01/23/97	1461551
	FILTERED	F062	Specific Conductance - Field	440		umhos	02/25/97	1461601
	FILTERED	F062	Specific Conductance - Field	440		umhos	03/25/97	1461622
	FILTERED	F062	Specific Conductance - Field	468		umhos	04/23/97	1461664
	FILTERED	F064	Temperature - Field	11.0		deg. C	08/27/96	1461058
		F064	Temperature - Field	10.5		deg. C	08/01/96	1461108
	FILTERED	F064	Temperature - Field	10.0		deg. C	09/24/96	1461118
	FILTERED	F064	Temperature - Field	10.6		deg. C	10/24/96	1461223
	FILTERED	F064	Temperature - Field	9.8		deg. C	11/21/96	1461346
	FILTERED	F064	Temperature - Field	9.7		deg. C	12/18/96	1461438
	FILTERED	F064	Temperature - Field	9.6		deg. C	01/23/97	1461551
	FILTERED	F064	Temperature - Field	8.7		deg. C	02/25/97	1461601
	FILTERED	F064	Temperature - Field	9.5		deg. C	03/25/97	1461622
	FILTERED	F064	Temperature - Field	9.8		deg. C	04/23/97	1461664
GW-73-S								
			Metals					
		M008	Chromium	< 0.010		mg/l	08/01/96	1461107
			Metals - Dissolved					
	FILTERED	M033	Calcium, Dissolved	24.2		mg/l	08/27/96	1461057
	FILTERED	M033	Calcium, Dissolved	29.7		mg/l	09/24/96	1461117
	FILTERED	M033	Calcium, Dissolved	24.2		mg/l	10/24/96	1461222
	FILTERED	M033	Calcium, Dissolved	18.8		mg/l	11/21/96	1461345
	FILTERED	M033	Calcium, Dissolved	19.6		mg/l	12/18/96	1461437
	FILTERED	M033	Calcium, Dissolved	16.6		mg/l	01/23/97	1461550
	FILTERED	M033	Calcium, Dissolved	18.5		mg/l	02/25/97	1461600
	FILTERED	M033	Calcium, Dissolved	19		mg/l	03/25/97	1461621
	FILTERED	M033	Calcium, Dissolved	21.5		mg/l	04/23/97	1461663
	FILTERED	M036	Chromium, Dissolved	< 0.010		mg/l	08/27/96	1461057
	FILTERED 1461107	M036	Chromium, Dissolved	< 0.010		mg/l	08/01/96	1461088
	FILTERED	M036	Chromium, Dissolved	< 0.010		mg/l	09/24/96	1461117
	FILTERED	M036	Chromium, Dissolved	< 0.010		mg/l	10/24/96	1461222

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TABLE 2-23
Analytical Results for Municipal Supply Wells
and Adjacent Monitoring Wells
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
GW-73-S								
			Metals - Dissolved					
	FILTERED	M036	Chromium, Dissolved	< 0.010		mg/l	11/21/96	1461345
	FILTERED	M036	Chromium, Dissolved	< 0.010		mg/l	12/18/96	1461437
	FILTERED	M036	Chromium, Dissolved	< 0.010		mg/l	01/23/97	1461550
	FILTERED	M036	Chromium, Dissolved	< 0.010		mg/l	02/25/97	1461600
	FILTERED	M036	Chromium, Dissolved	< 0.010		mg/l	03/25/97	1461621
	FILTERED	M036	Chromium, Dissolved	< 0.010		mg/l	04/23/97	1461663
	FILTERED	M040	Iron, Dissolved	0.28		mg/l	10/24/96	1461222
	FILTERED	M040	Iron, Dissolved	< 0.10		mg/l	11/21/96	1461345
	FILTERED	M040	Iron, Dissolved	< 0.10		mg/l	12/18/96	1461437
	FILTERED	M040	Iron, Dissolved	< 0.10		mg/l	01/23/97	1461550
	FILTERED	M040	Iron, Dissolved	< 0.10		mg/l	02/25/97	1461600
	FILTERED	M040	Iron, Dissolved	< 0.10		mg/l	03/25/97	1461621
	FILTERED	M040	Iron, Dissolved	< 0.100		mg/l	04/23/97	1461663
	FILTERED	M042	Potassium, Dissolved	< 5.0		mg/l	10/24/96	1461222
	FILTERED	M042	Potassium, Dissolved	< 5.0		mg/l	11/21/96	1461345
	FILTERED	M042	Potassium, Dissolved	< 5.0		mg/l	12/18/96	1461437
	FILTERED	M042	Potassium, Dissolved	< 5.0		mg/l	01/23/97	1461550
	FILTERED	M042	Potassium, Dissolved	1.37		mg/l	02/25/97	1461600
	FILTERED	M042	Potassium, Dissolved	< 5.0		mg/l	03/25/97	1461621
	FILTERED	M042	Potassium, Dissolved	< 5.00		mg/l	04/23/97	1461663
	FILTERED	M044	Magnesium, Dissolved	< 5.00		mg/l	08/27/96	1461057
	FILTERED 1461107	M044	Magnesium, Dissolved	< 5.00	u	mg/l	08/01/96	1461088
	FILTERED	M044	Magnesium, Dissolved	< 5.00		mg/l	09/24/96	1461117
	FILTERED	M044	Magnesium, Dissolved	< 5.00		mg/l	10/24/96	1461222
	FILTERED	M044	Magnesium, Dissolved	< 5.0		mg/l	11/21/96	1461345
	FILTERED	M044	Magnesium, Dissolved	< 5.0		mg/l	12/18/96	146[illegible]37
	FILTERED	M044	Magnesium, Dissolved	< 5.0		mg/l	01/23/97	1[illegible]
	FILTERED	M044	Magnesium, Dissolved	1.34		mg/l	02/25/97	1[illegible]
	FILTERED	M044	Magnesium, Dissolved	< 5.0		mg/l	03/25/97	1461621
	FILTERED	M044	Magnesium, Dissolved	< 5.00		mg/l	04/23/97	1461663
	FILTERED	M047	Sodium, Dissolved	< 5.00		mg/l	08/27/96	1461057
	FILTERED 1461107	M047	Sodium, Dissolved	2.97		mg/l	08/01/96	1461088
	FILTERED	M047	Sodium, Dissolved	< 5.00		mg/l	09/24/96	1461117
	FILTERED	M047	Sodium, Dissolved	< 5.00		mg/l	10/24/96	1461222
	FILTERED	M047	Sodium, Dissolved	< 5.0		mg/l	11/21/96	1461345
	FILTERED	M047	Sodium, Dissolved	< 5.0		mg/l	12/18/96	1461437
	FILTERED	M047	Sodium, Dissolved	< 5.0		mg/l	01/23/97	1461550
	FILTERED	M047	Sodium, Dissolved	3.17		mg/l	02/25/97	1461600
	FILTERED	M047	Sodium, Dissolved	< 5.0		mg/l	03/25/97	1461621
	FILTERED	M047	Sodium, Dissolved	< 5.00		mg/l	04/23/97	1461663
	FILTERED	M054	Aluminum, Dissolved	< 0.2		mg/l	02/25/97	1461600
			Inorganic Non-metals					
	FILTERED	1002	Total Alkalinity as CaCO3	22.4		mg/l	08/27/96	1461057
	FILTERED	1002	Total Alkalinity as CaCO3	22.8		mg/l	09/24/96	1461117
	FILTERED	1002	Total Alkalinity as CaCO3	21.0		mg/l	10/24/96	1461222
	FILTERED	1002	Total Alkalinity as CaCO3	24.8		mg/l	11/21/96	1461345
	FILTERED	1002	Total Alkalinity as CaCO3	23.8		mg/l	12/18/96	1461437
	FILTERED	1002	Total Alkalinity as CaCO3	25.4		mg/l	01/23/97	1461550
	FILTERED	1002	Total Alkalinity as CaCO3	25.6		mg/l	02/25/97	1461600
	FILTERED	1002	Total Alkalinity as CaCO3	25.2		mg/l	03/25/97	1461621
	FILTERED	1002	Total Alkalinity as CaCO3	26.8		mg/l	04/23/97	1461663
	FILTERED	1005	Chloride	19.9		mg/l	08/27/96	1461057
	FILTERED 1461107	1005	Chloride	19.1	j	mg/l	08/01/96	1461088
	FILTERED	1005	Chloride	32.4		mg/l	09/24/96	1461117
	FILTERED	1005	Chloride	21.7		mg/l	10/24/96	1461222
	FILTERED	1005	Chloride	10.9		mg/l	11/21/96	1461345
	FILTERED	1005	Chloride	8.7	N	mg/l	12/18/96	1461437
	FILTERED	1005	Chloride	5.2		mg/l	01/23/97	1461550
	FILTERED	1005	Chloride	6.1		mg/l	02/25/97	1461600

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TABLE 2-23
Analytical Results for Municipal Supply Wells
and Adjacent Monitoring Wells
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
GW-73-S								
			Inorganic Non-metals					
	FILTERED	I005	Chloride	6.10		mg/l	03/25/97	1461621
	FILTERED	I005	Chloride	5.5		mg/l	04/23/97	1461663
	FILTERED	I009	Nitrogen, Ammonia	< 0.04		mg/l	08/27/96	1461057
	FILTERED 1461107	I009	Nitrogen, Ammonia	0.11		mg/l	08/01/96	1461088
	FILTERED	I009	Nitrogen, Ammonia	< 0.04		mg/l	09/24/96	1461117
	FILTERED	I009	Nitrogen, Ammonia	0.041		mg/l	10/24/96	1461222
	FILTERED	I009	Nitrogen, Ammonia	0.12		mg/l	11/21/96	1461345
	FILTERED	I009	Nitrogen, Ammonia	< 0.040		mg/l	12/18/96	1461437
	FILTERED	I009	Nitrogen, Ammonia	< 0.040		mg/l	01/23/97	1461550
	FILTERED	I009	Nitrogen, Ammonia	< 0.04		mg/l	02/25/97	1461600
	FILTERED	I009	Nitrogen, Ammonia	< 0.04		mg/l	03/25/97	1461621
	FILTERED	I009	Nitrogen, Ammonia	0.073		mg/l	04/23/97	1461663
	FILTERED	I018	Sulfate as SO4	12.3		mg/l	08/27/96	1461057
	FILTERED 1461107	I018	Sulfate as SO4	< 10.0		mg/l	08/01/96	1461088
	FILTERED	I018	Sulfate as SO4	< 10.0		mg/l	09/24/96	1461117
	FILTERED	I018	Sulfate as SO4	12.8		mg/l	10/24/96	1461222
	FILTERED	I018	Sulfate as SO4	14.8		mg/l	11/21/96	1461345
	FILTERED	I018	Sulfate as SO4	12.3		mg/l	12/18/96	1461437
	FILTERED	I018	Sulfate as SO4	< 10.000		mg/l	01/23/97	1461550
	FILTERED	I018	Sulfate as SO4	13.6		mg/l	02/25/97	1461600
	FILTERED	I018	Sulfate as SO4	< 10		mg/l	03/25/97	1461621
	FILTERED	I018	Sulfate as SO4	13.3		mg/l	04/23/97	1461663
	FILTERED	I026	Bicarbonate Alkalinity as CaCO3	22.4		mg/l	08/27/96	1461057
	FILTERED 1461107	I026	Bicarbonate Alkalinity as CaCO3	19.0		mg/l	08/01/96	1461088
	FILTERED	I026	Bicarbonate Alkalinity as CaCO3	22.8		mg/l	09/24/96	1461117
	FILTERED	I026	Bicarbonate Alkalinity as CaCO3	21.0		mg/l	10/24/96	1461222
	FILTERED	I027	Carbonate Alkalinity as CaCO3	< 1.00		mg/l	08/27/96	1461057
	FILTERED 1461107	I027	Carbonate Alkalinity as CaCO3	< 1.00		mg/l	08/01/96	1461088
	FILTERED	I027	Carbonate Alkalinity as CaCO3	< 2.00		mg/l	09/24/96	1461117
	FILTERED	I027	Carbonate Alkalinity as CaCO3	< 2.00		mg/l	10/24/96	1461222
	FILTERED	I027	Carbonate Alkalinity as CaCO3	< 2.00		mg/l	11/21/96	1461345
	FILTERED	I027	Carbonate Alkalinity as CaCO3	< 2.00		mg/l	12/18/96	1461437
	FILTERED	I027	Carbonate Alkalinity as CaCO3	< 2.00		mg/l	01/23/97	1461550
	FILTERED	I027	Carbonate Alkalinity as CaCO3	< 2.00		mg/l	02/25/97	1461600
	FILTERED	I027	Carbonate Alkalinity as CaCO3	< 1.00		mg/l	03/25/97	1461621
	FILTERED	I027	Carbonate Alkalinity as CaCO3	< 2.00		mg/l	04/23/97	1461663
	FILTERED	I059	Dissolved Oxygen, Field	8.5		mg/l	09/24/96	1461117
	FILTERED	I059	Dissolved Oxygen, Field	8.6		mg/l	10/24/96	1461222
	FILTERED	I059	Dissolved Oxygen, Field	11.2		mg/l	11/21/96	1461345
	FILTERED	I059	Dissolved Oxygen, Field	7.8		mg/l	12/18/96	1461437
	FILTERED	I059	Dissolved Oxygen, Field	10.2		mg/l	01/23/97	1461550
	FILTERED	I059	Dissolved Oxygen, Field	11.2		mg/l	02/25/97	1461600
	FILTERED	I059	Dissolved Oxygen, Field	9.2		mg/l	03/25/97	1461621
	FILTERED	I059	Dissolved Oxygen, Field	11.2		mg/l	04/23/97	1461663
	FILTERED	I070	Bicarbonate as HCO3	24.8		mg/l	11/21/96	1461345
	FILTERED	I070	Bicarbonate as HCO3	23.8		mg/l	12/18/96	1461437
	FILTERED	I070	Bicarbonate as HCO3	25.4		mg/l	01/23/97	1461550
	FILTERED	I070	Bicarbonate as HCO3	25.6		mg/l	02/25/97	1461600
	FILTERED	I070	Bicarbonate as HCO3	25.2		mg/l	03/25/97	1461621
	FILTERED	I070	Bicarbonate as HCO3	26.8		mg/l	04/23/97	1461663
	FILTERED 1461107	M033	Calcium, Dissolved	23.7		mg/l	08/01/96	1461088
			Physical Properties					
	FILTERED	F002	Specific Conductance(umhos/cm @25 Deg C)	147		umhos	02/25/97	1461600
	FILTERED	F002	Specific Conductance(umhos/cm @25 Deg C)	159		umhos	04/23/97	1461663
	FILTERED	F009	pH Laboratory	6.43		Std. Un	08/27/96	1461057
	FILTERED	F009	pH Laboratory	6.53		Std. Un	10/24/96	1461222
	FILTERED	F009	pH Laboratory	6.41		Std. Un	11/21/96	1461345

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TABLE 2-23
Analytical Results for Municipal Supply Wells
and Adjacent Monitoring Wells
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
GW-73-S								
			Physical Properties					
	FILTERED	F009	pH Laboratory	6.92		Std. Un	12/18/96	1461437
	FILTERED	F009	pH Laboratory	6.40		Std. Un	01/23/97	1461550
	FILTERED	F009	pH Laboratory	6.49		Std. Un	02/25/97	1461600
	FILTERED	F009	pH Laboratory	6.56		Std. Un	03/25/97	1461621
	FILTERED	F009	pH Laboratory	6.46		Std. Un	04/23/97	1461663
	FILTERED	F010	Temperature	20.0		deg. C	10/24/96	1461222
	FILTERED	F010	Temperature	20.0		deg. C	11/21/96	1461345
	FILTERED	F010	Temperature	20.0		deg. C	12/18/96	1461437
	FILTERED	F010	Temperature	20.0		deg. C	01/23/97	1461550
	FILTERED	F010	Temperature	20.0		deg. C	02/25/97	1461600
	FILTERED	F010	Temperature	20.0		deg. C	03/25/97	1461621
	FILTERED	F010	Temperature	20.0		deg. C	04/23/97	1461663
		F024	Specific Gravity	1.002		g/ml	04/10/97	1461609
		F031	Viscosity	1.22		cpoise	04/10/97	1461609
	FILTERED	F037	pH Field	5.95		Std. Un	08/27/96	1461057
		F037	pH Field	5.91		Std. Un	08/01/96	1461107
	FILTERED	F037	pH Field	6.09		Std. Un	09/24/96	1461117
	FILTERED	F037	pH Field	5.98		Std. Un	10/24/96	1461222
	FILTERED	F037	pH Field	5.73		Std. Un	11/21/96	1461345
	FILTERED	F037	pH Field	5.67		Std. Un	12/18/96	1461437
	FILTERED	F037	pH Field	5.62		Std. Un	01/23/97	1461550
	FILTERED	F037	pH Field	5.50		Std. Un	02/25/97	1461600
	FILTERED	F037	pH Field	5.66		Std. Un	03/25/97	1461621
	FILTERED	F037	pH Field	5.83		Std. Un	04/23/97	1461663
	FILTERED	F062	Specific Conductance - Field	193		umhos	08/27/96	1461057
		F062	Specific Conductance - Field	192		umhos	08/01/96	14[illegible]07
	FILTERED	F062	Specific Conductance - Field	244		umhos	09/24/96	1[illegible]7
	FILTERED	F062	Specific Conductance - Field	238		umhos	10/24/96	1[illegible].2
	FILTERED	F062	Specific Conductance - Field	184		umhos	11/21/96	1461345
	FILTERED	F062	Specific Conductance - Field	154		umhos	12/18/96	1461437
	FILTERED	F062	Specific Conductance - Field	148		umhos	01/23/97	1461550
	FILTERED	F062	Specific Conductance - Field	143		umhos	02/25/97	1461600
	FILTERED	F062	Specific Conductance - Field	152		umhos	03/25/97	1461621
	FILTERED	F062	Specific Conductance - Field	178		umhos	04/23/97	1461663
	FILTERED	F064	Temperature - Field	10.0		deg. C	08/27/96	1461057
		F064	Temperature - Field	9.1		deg. C	08/01/96	1461107
	FILTERED	F064	Temperature - Field	10.2		deg. C	09/24/96	1461117
	FILTERED	F064	Temperature - Field	11.2		deg. C	10/24/96	1461222
	FILTERED	F064	Temperature - Field	10.8		deg. C	11/21/96	1461345
	FILTERED	F064	Temperature - Field	10.5		deg. C	12/18/96	1461437
	FILTERED	F064	Temperature - Field	10.2		deg. C	01/23/97	1461550
	FILTERED	F064	Temperature - Field	8.6		deg. C	02/25/97	1461600
	FILTERED	F064	Temperature - Field	8.9		deg. C	03/25/97	1461621
	FILTERED	F064	Temperature - Field	8.5		deg. C	04/23/97	1461663
TOWN PARK								
			Metals					
		M007	Calcium	27		mg/l	02/15/94	1000439
		M007	Calcium	18		mg/l	05/10/94	1000440
		M007	Calcium	25		mg/l	05/31/95	1460430
		M007	Calcium	29		mg/l	09/27/95	1460486
		M007	Calcium	29		mg/l	08/24/94	1460704
		M007	Calcium	33		mg/l	11/15/94	1460709
		M007	Calcium	25		mg/l	02/08/95	1460714
		M007	Calcium	32		mg/l	03/27/96	1460732
		M007	Calcium	36		mg/l	12/13/95	1460960
		M007	Calcium	96		mg/l	12/05/94	1460967
		M007	Calcium	23.6		mg/l	06/19/96	1460975
		M008	Chromium	< 0.015		mg/l	10/20/93	1000438

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TABLE 2-23
Analytical Results for Municipal Supply Wells
and Adjacent Monitoring Wells
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
TOWN PARK								
			Metals					
		M008	Chromium	< 0.015		mg/l	02/15/94	1000439
		M008	Chromium	< 0.015		mg/l	05/10/94	1000440
		M008	Chromium	< 0.015		mg/l	05/31/95	1460430
		M008	Chromium	< 0.015		mg/l	09/27/95	1460486
		M008	Chromium	< 0.005		mg/l	08/24/94	1460704
		M008	Chromium	< 0.015		mg/l	11/15/94	1460709
		M008	Chromium	< 0.015		mg/l	02/08/95	1460714
		M008	Chromium	< 0.015		mg/l	03/27/96	1460732
		M008	Chromium	< 0.015		mg/l	12/13/95	1460960
		M008	Chromium	< 0.030		mg/l	06/19/96	1460975
		M008	Chromium	< 0.010		mg/l	08/01/96	1461106
		M013	Magnesium	4.7		mg/l	02/15/94	1000439
		M013	Magnesium	2.8		mg/l	05/10/94	1000440
		M013	Magnesium	4.4		mg/l	05/31/95	1460430
		M013	Magnesium	5.1		mg/l	09/27/95	1460486
		M013	Magnesium	4.9		mg/l	08/24/94	1460704
		M013	Magnesium	4.9		mg/l	11/15/94	1460709
		M013	Magnesium	4.2		mg/l	02/08/95	1460714
		M013	Magnesium	5.5		mg/l	03/27/96	1460732
		M013	Magnesium	5.8		mg/l	12/13/95	1460960
		M013	Magnesium	5.4		mg/l	12/05/94	1460967
		M013	Magnesium	4.26		mg/l	06/19/96	1460975
		M017	Potassium	3.3		mg/l	12/05/94	1460967
		M020	Sodium	50		mg/l	02/15/94	1000439
		M020	Sodium	49		mg/l	05/10/94	1000440
		M020	Sodium	70		mg/l	05/31/95	1460430
		M020	Sodium	60		mg/l	09/27/95	1460486
		M020	Sodium	69		mg/l	08/24/94	1460704
		M020	Sodium	73		mg/l	11/15/94	1460709
		M020	Sodium	76		mg/l	02/08/95	1460714
		M020	Sodium	72		mg/l	03/27/96	1460732
		M020	Sodium	93		mg/l	12/13/95	1460960
		M020	Sodium	76		mg/l	12/05/94	1460967
		M020	Sodium	52.6		mg/l	06/19/96	1460975
			Metals - Dissolved					
	FILTERED	M033	Calcium, Dissolved	20.4		mg/l	08/27/96	1461056
	FILTERED 1461106	M033	Calcium, Dissolved	21.8		mg/l	08/01/96	1461087
	FILTERED	M033	Calcium, Dissolved	20.7		mg/l	09/24/96	1461116
	FILTERED	M033	Calcium, Dissolved	18.1		mg/l	10/24/96	1461213
	FILTERED	M033	Calcium, Dissolved	11.5		mg/l	01/23/97	1461538
	FILTERED	M033	Calcium, Dissolved	12.2		mg/l	02/25/97	1461588
	FILTERED	M036	Chromium, Dissolved	< 0.010		mg/l	08/27/96	1461056
	FILTERED 1461106	M036	Chromium, Dissolved	< 0.010		mg/l	08/01/96	1461087
	FILTERED	M036	Chromium, Dissolved	< 0.010		mg/l	09/24/96	1461116
	FILTERED	M036	Chromium, Dissolved	< 0.010		mg/l	10/24/96	1461213
	FILTERED	M036	Chromium, Dissolved	< 0.010		mg/l	01/23/97	1461538
	FILTERED	M036	Chromium, Dissolved	< 0.010		mg/l	02/25/97	1461588
	FILTERED	M040	Iron, Dissolved	2.35		mg/l	10/24/96	1461213
	FILTERED	M040	Iron, Dissolved	0.32		mg/l	01/23/97	1461538
	FILTERED	M040	Iron, Dissolved	0.304		mg/l	02/25/97	1461588
	FILTERED	M042	Potassium, Dissolved	< 5.0		mg/l	10/24/96	1461213
	FILTERED	M042	Potassium, Dissolved	< 5.0		mg/l	01/23/97	1461538
	FILTERED	M042	Potassium, Dissolved	1.34		mg/l	02/25/97	1461588
	FILTERED	M044	Magnesium, Dissolved	< 5.00		mg/l	08/27/96	1461056
	FILTERED 1461106	M044	Magnesium, Dissolved	< 5.00		mg/l	08/01/96	1461087
	FILTERED	M044	Magnesium, Dissolved	< 5.00		mg/l	09/24/96	1461116
	FILTERED	M044	Magnesium, Dissolved	< 5.00		mg/l	10/24/96	1461213
	FILTERED	M044	Magnesium, Dissolved	< 5.0		mg/l	01/23/97	1461538
	FILTERED	M044	Magnesium, Dissolved	1.71		mg/l	02/25/97	1461588

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TABLE 2-23
Analytical Results for Municipal Supply Wells
and Adjacent Monitoring Wells
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
TOWN PARK								
			Metals - Dissolved					
	FILTERED	M047	Sodium, Dissolved	46.6		mg/l	08/27/96	1461056
	FILTERED 1461106	M047	Sodium, Dissolved	51.1		mg/l	08/01/96	1461087
	FILTERED	M047	Sodium, Dissolved	55.0		mg/l	09/24/96	1461116
	FILTERED	M047	Sodium, Dissolved	47.4		mg/l	10/24/96	1461213
	FILTERED	M047	Sodium, Dissolved	17.6		mg/l	01/23/97	1461538
	FILTERED	M047	Sodium, Dissolved	19.2		mg/l	02/25/97	1461588
	FILTERED	M054	Aluminum, Dissolved	< 0.2		mg/l	02/25/97	1461588
			Inorganic Non-metals					
		I002	Total Alkalinity as CaCO3	29		mg/l	02/15/94	1000439
		I002	Total Alkalinity as CaCO3	31		mg/l	05/10/94	1000440
		I002	Total Alkalinity as CaCO3	< 20		mg/l	05/31/95	1460430
		I002	Total Alkalinity as CaCO3	28		mg/l	09/27/95	1460486
		I002	Total Alkalinity as CaCO3	30		mg/l	08/24/94	1460704
		I002	Total Alkalinity as CaCO3	29		mg/l	11/15/94	1460709
		I002	Total Alkalinity as CaCO3	25		mg/l	02/08/95	1460714
		I002	Total Alkalinity as CaCO3	23		mg/l	03/27/96	1460732
		I002	Total Alkalinity as CaCO3	25		mg/l	12/13/95	1460960
		I002	Total Alkalinity as CaCO3	30.0		mg/l	06/19/96	1460975
	FILTERED	I002	Total Alkalinity as CaCO3	32.0		mg/l	08/27/96	1461056
	FILTERED	I002	Total Alkalinity as CaCO3	31.0		mg/l	09/24/96	1461116
	FILTERED	I002	Total Alkalinity as CaCO3	30.2		mg/l	10/24/96	1461213
	FILTERED	I002	Total Alkalinity as CaCO3	24.4		mg/l	01/23/97	1461538
	FILTERED	I002	Total Alkalinity as CaCO3	22.6		mg/l	02/25/97	1461588
		I005	Chloride	100		mg/l	10/20/93	1000438
		I005	Chloride	110		mg/l	02/15/94	1000439
		I005	Chloride	78		mg/l	05/10/94	1000[illegible]0
		I005	Chloride	130		mg/l	05/31/95	1[illegible]
		I005	Chloride	88		mg/l	09/27/95	14[illegible]
		I005	Chloride	110		mg/l	08/24/94	1460704
		I005	Chloride	150		mg/l	11/15/94	1460709
		I005	Chloride	140		mg/l	02/08/95	1460714
		I005	Chloride	130		mg/l	03/27/96	1460732
		I005	Chloride	70		mg/l	12/13/95	1460960
		I005	Chloride	164		mg/l	12/05/94	1460967
		I005	Chloride	90.8		mg/l	06/19/96	1460975
	FILTERED	I005	Chloride	98.3		mg/l	08/27/96	1461056
	FILTERED 1461106	I005	Chloride	100	j	mg/l	08/01/96	1461087
	FILTERED	I005	Chloride	103		mg/l	09/24/96	1461116
	FILTERED	I005	Chloride	93.5		mg/l	10/24/96	1461213
	FILTERED	I005	Chloride	26.0		mg/l	01/23/97	1461538
	FILTERED	I005	Chloride	30.5		mg/l	02/25/97	1461588
		I009	Nitrogen, Ammonia	0.25		mg/l	10/20/93	1000438
		I009	Nitrogen, Ammonia	0.33		mg/l	02/15/94	1000439
		I009	Nitrogen, Ammonia	< 0.1		mg/l	05/10/94	1000440
		I009	Nitrogen, Ammonia	0.20		mg/l	05/31/95	1460430
		I009	Nitrogen, Ammonia	0.25		mg/l	09/27/95	1460486
		I009	Nitrogen, Ammonia	0.23		mg/l	08/24/94	1460704
		I009	Nitrogen, Ammonia	0.3		mg/l	11/15/94	1460709
		I009	Nitrogen, Ammonia	0.16		mg/l	02/08/95	1460714
		I009	Nitrogen, Ammonia	0.31		mg/l	03/27/96	1460732
		I009	Nitrogen, Ammonia	0.49		mg/l	12/13/95	1460960
		I009	Nitrogen, Ammonia	< 5.0		mg/l	06/19/96	1460975
	FILTERED	I009	Nitrogen, Ammonia	0.21		mg/l	08/27/96	1461056
	FILTERED 1461106	I009	Nitrogen, Ammonia	0.23		mg/l	08/01/96	1461087
	FILTERED	I009	Nitrogen, Ammonia	0.06		mg/l	09/24/96	1461116
	FILTERED	I009	Nitrogen, Ammonia	0.21		mg/l	10/24/96	1461213
	FILTERED	I009	Nitrogen, Ammonia	< 0.040		mg/l	01/23/97	1461538
	FILTERED	I009	Nitrogen, Ammonia	< 0.04		mg/l	02/25/97	1461588
		I012	Nitrate as N	0.45		mg/l	02/15/94	1000439

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TABLE 2-23
Analytical Results for Municipal Supply Wells
and Adjacent Monitoring Wells
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
TOWN PARK								
			Inorganic Non-metals					
		I012	Nitrate as N	1.2		mg/l	05/10/94	1000440
		I012	Nitrate as N	1.2		mg/l	05/10/94	1000440
		I012	Nitrate as N	0.78		mg/l	05/31/95	1460430
		I012	Nitrate as N	0.56		mg/l	09/27/95	1460486
		I012	Nitrate as N	0.68		mg/l	08/24/94	1460704
		I012	Nitrate as N	0.49		mg/l	11/15/94	1460709
		I012	Nitrate as N	0.97		mg/l	02/08/95	1460714
		I012	Nitrate as N	0.61		mg/l	03/27/96	1460732
		I012	Nitrate as N	0.29		mg/l	12/13/95	1460960
		I012	Nitrate as N	2.3		mg/l	12/05/94	1460967
		I012	Nitrate as N	< 0.20		mg/l	06/19/96	1460975
		I018	Sulfate as SO4	27		mg/l	10/20/93	1000438
		I018	Sulfate as SO4	31		mg/l	02/15/94	1000439
		I018	Sulfate as SO4	18		mg/l	05/10/94	1000440
		I018	Sulfate as SO4	18		mg/l	05/31/95	1460430
		I018	Sulfate as SO4	38		mg/l	09/27/95	1460486
		I018	Sulfate as SO4	20		mg/l	08/24/94	1460704
		I018	Sulfate as SO4	31		mg/l	11/15/94	1460709
		I018	Sulfate as SO4	18		mg/l	02/08/95	1460714
		I018	Sulfate as SO4	35		mg/l	03/27/96	1460732
		I018	Sulfate as SO4	55		mg/l	12/13/95	1460960
		I018	Sulfate as SO4	49		mg/l	12/05/94	1460967
		I018	Sulfate as SO4	32		mg/l	06/19/96	1460975
	FILTERED	I018	Sulfate as SO4	30.9		mg/l	08/27/96	1461056
	FILTERED 1461106	I018	Sulfate as SO4	32.5		mg/l	08/01/96	1461087
	FILTERED	I018	Sulfate as SO4	27.2		mg/l	09/24/96	1461116
	FILTERED	I018	Sulfate as SO4	28.4		mg/l	10/24/96	1461213
	FILTERED	I018	Sulfate as SO4	19.6		mg/l	01/23/97	1461538
	FILTERED	I018	Sulfate as SO4	11.9		mg/l	02/25/97	1461588
	FILTERED	I026	Bicarbonate Alkalinity as CaCO3	32.0		mg/l	08/27/96	1461056
	FILTERED 1461106	I026	Bicarbonate Alkalinity as CaCO3	30.0		mg/l	08/01/96	1461087
	FILTERED	I026	Bicarbonate Alkalinity as CaCO3	31.0		mg/l	09/24/96	1461116
	FILTERED	I026	Bicarbonate Alkalinity as CaCO3	30.2		mg/l	10/24/96	1461213
	FILTERED	I027	Carbonate Alkalinity as CaCO3	< 1.00		mg/l	08/27/96	1461056
	FILTERED 1461106	I027	Carbonate Alkalinity as CaCO3	< 1.00		mg/l	08/01/96	1461087
	FILTERED	I027	Carbonate Alkalinity as CaCO3	< 2.00		mg/l	09/24/96	1461116
	FILTERED	I027	Carbonate Alkalinity as CaCO3	< 2.00		mg/l	10/24/96	1461213
	FILTERED	I027	Carbonate Alkalinity as CaCO3	< 2.00		mg/l	01/23/97	1461538
	FILTERED	I027	Carbonate Alkalinity as CaCO3	< 2.00		mg/l	02/25/97	1461588
	FILTERED	I059	Dissolved Oxygen, Field	3.1		mg/l	09/24/96	1461116
	FILTERED	I059	Dissolved Oxygen, Field	2.3		mg/l	10/24/96	1461213
	FILTERED	I059	Dissolved Oxygen, Field	5.2		mg/l	01/23/97	1461538
	FILTERED	I059	Dissolved Oxygen, Field	6.4		mg/l	02/25/97	1461588
		I070	Bicarbonate as HCO3	29		mg/l	02/15/94	1000439
		I070	Bicarbonate as HCO3	31		mg/l	05/10/94	1000440
		I070	Bicarbonate as HCO3	< 20		mg/l	05/31/95	1460430
		I070	Bicarbonate as HCO3	28		mg/l	09/27/95	1460486
		I070	Bicarbonate as HCO3	30		mg/l	08/24/94	1460704
		I070	Bicarbonate as HCO3	29		mg/l	11/15/94	1460709
		I070	Bicarbonate as HCO3	25		mg/l	02/08/95	1460714
		I070	Bicarbonate as HCO3	23		mg/l	03/27/96	1460732
		I070	Bicarbonate as HCO3	25		mg/l	12/13/95	1460960
	FILTERED	I070	Bicarbonate as HCO3	24.4		mg/l	01/23/97	1461538
	FILTERED	I070	Bicarbonate as HCO3	22.6		mg/l	02/25/97	1461588
			Physical Properties					
	FILTERED	F002	Specific Conductance(umhos/cm @25 Deg C)	205		umhos	02/25/97	1461588
	FILTERED	F009	pH Laboratory	6.18		Std. Un	08/27/96	1461056
	FILTERED	F009	pH Laboratory	6.22		Std. Un	10/24/96	1461213

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TABLE 2-23
Analytical Results for Municipal Supply Wells
and Adjacent Monitoring Wells
Olin Corporation: Wilmington, MA Facility

Sample Location	Sample ID	Parameter Code	Parameter Name	Result	Qualifiers (1)	Units	Sample Date	Sample Number
TOWN PARK								
			Physical Properties					
	FILTERED	F009	pH Laboratory	6.31		Std. Un	01/23/97	1461538
	FILTERED	F009	pH Laboratory	6.29		Std. Un	02/25/97	1461588
	FILTERED	F010	Temperature	20.0		deg. C	10/24/96	1461213
	FILTERED	F010	Temperature	20.0		deg. C	01/23/97	1461538
	FILTERED	F010	Temperature	20.0		deg. C	02/25/97	1461588
	FILTERED	F037	pH Field	6.01		Std. Un	08/27/96	1461056
		F037	pH Field	5.53		Std. Un	08/01/96	1461106
	FILTERED	F037	pH Field	6.08		Std. Un	09/24/96	1461116
	FILTERED	F037	pH Field	5.57		Std. Un	10/24/96	1461213
	FILTERED	F037	pH Field	5.54		Std. Un	01/23/97	1461538
	FILTERED	F037	pH Field	5.41		Std. Un	02/25/97	1461588
	FILTERED	F062	Specific Conductance - Field	500		umhos	08/27/96	1461056
		F062	Specific Conductance - Field	494		umhos	08/01/96	1461106
	FILTERED	F062	Specific Conductance - Field	501		umhos	09/24/96	1461116
	FILTERED	F062	Specific Conductance - Field	508		umhos	10/24/96	1461213
	FILTERED	F062	Specific Conductance - Field	194		umhos	01/23/97	1461538
	FILTERED	F062	Specific Conductance - Field	213		umhos	02/25/97	1461588
	FILTERED	F064	Temperature - Field	11.9		deg. C	08/27/96	1461056
		F064	Temperature - Field	10.7		deg. C	08/01/96	1461106
	FILTERED	F064	Temperature - Field	10.8		deg. C	09/24/96	1461116
	FILTERED	F064	Temperature - Field	11.8		deg. C	10/24/96	1461213
	FILTERED	F064	Temperature - Field	10.5		deg. C	01/23/97	1461538
	FILTERED	F064	Temperature - Field	9.6		deg. C	02/25/97	1461588

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TABLE 2-24

Time Series Sampling Test Data - GW-64D

Olin Corporation
Wilmington, MA Facility

Gallons Pumped	Flow Rate (gpm)	D.O. (mg/l)	pH (Std.Un)	Temp. (deg.C)	Sp. Cond. (umhos)	Ammonia (ppm)	Chloride (ppm)	Sulfate (ppm)
	x							
2	0.50	0.60	6.36	11	1150	--	--	--
7	0.60	0.20	6.61	10.3	1050	--	--	--
10	0.50	0.20	6.65	10.6	980	--	--	--
20	0.50	0.09	6.59	10.3	820	--	--	--
30	0.50	0.20	6.66	10.2	795	--	--	--
34	0.50	0.20	6.64	10.2	780	9.25	132	226
43	0.50	0.18	6.64	10.2	740	--	--	--
55	0.50	0.18	6.65	10.2	740	--	--	--
60	0.50	0.18	6.65	10.2	740	--	--	--
64	0.50	0.20	6.65	10.2	720	7.92	126	204
73	0.50	0.10	6.65	10.2	710	--	--	--
83	0.50	0.10	6.65	10.2	705	--	--	--
90	x	0.10	6.66	10.3	705	--	--	--
94	0.50	0.10	6.66	10.3	700	7.15	123	206
103	0.50	0.10	6.65	10.3	700	--	--	--
112	0.50	0.10	6.65	10.3	710	--	--	--
120	0.50	0.10	6.65	10.2	710	--	--	--
125	0.50	0.10	6.64	10.2	700	7.4	123	195
130	0.50	0.20	6.65	10.2	695	--	--	--
140	0.50	0.10	6.64	10.2	695	--	--	--
147	0.50	0.10	6.65	10.3	700	--	--	--
154	0.50	0.10	6.65	10.2	700	7.02	121	210
165	0.50	0.08	6.64	10.3	695	--	--	--
175	0.50	0.08	6.64	10.2	695	--	--	--
184	0.50	0.10	6.64	10.3	700	8.3	122	201
195	0.50	0.10	6.65	10.3	700	--	--	--
205	0.50	0.10	6.64	10.3	700	--	--	--
214	0.50	0.10	6.63	10.3	700	7.18	127	218
223	0.45	0.08	6.63	10.4	700	--	--	--
230	0.50	0.05	6.63	10.3	700	--	--	--
237	0.50	0.05	6.64	10.3	700	--	--	--
246	0.50	0.10	6.47	10.6	500	7.26	125	215
247*	0.50	3.10	5.88	13.1	550	8.92	93.5	102
248	0.50	2.20	6.20	11.8	500	--	--	--
249	0.50	0.80	6.40	11.0	420	--	--	--
	--					--	--	--

* Pump intake raised to 25' below top of casing to examine quality of static water column

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TABLE 2-25

Time Series Sampling Test Data - Butters Row No. 1

Olin Corporation
Wilmington, MA Facility

Sampling Date and Time	Elapsed Time (hours)	Hours Pump Off Per Day	Cumulative Pumping Hours	Pumping Rate (1) (gpm)	Calculated Average (2) Pumping Rate (gpm)	D.O. (ppm)	pH (Std.Un)	Temp. (deg.C)	Ammonia (ppm)	Chloride (ppm)	Sulfate (ppm)	Sp. Cond. (umhos/cm)
10/22/96 9:42	0.00			Start pump:								
10/22/96 10:02	0.33	0.00	0.33	160		3.05	5.88	10.0	12.50	130	179	1,020
10/23/96 9:50	24.13	4.50	19.63	150	77	2.20	6.20	10.9	5.41	124	165	876
10/24/96 9:50	48.13	2.75	40.88	180	170	1.40	6.08	11.6	10.40	117	166	887
10/25/96 10:12	72.50	5.00	60.25	300	204	2.20	6.19	11.7	7.57	112	130	818
10/26/96 10:00	96.30	4.50	79.55	400	290	0.80	5.86	11.6	7.28	107	152	712

(1) Instantaneous pumping rate during sampling.
(2) Average daily pumping rate calculated from flow totalizer readings

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BLE 2-26

Summary of Specific Conductance Profile Data

Olin Corporation
Wilmington, MA Facility

Well Location	Survey Date	Range of Conductance Above Well Screen		Range of Conductance Within Well Screen		Magnitude and Location of Conductance Spike	
		Minimum (umhos/cm)	Maximum (umhos/cm)	Minimum (umhos/cm)	Maximum (umhos/cm)	Maximum Increase in Conductance Between Intervals (umhos/cm)	Location of Spike(1)
GW-04D	Apr-93	600	610	1,300	4,400	1,900	TOS
	Jan-95	620	620	620	3,500	660	MOS/BR
	Oct-95	540	1,200	1,200	5,300	1,900	TOS
GW-17D	Apr-93	3,200	3,400	3,400	3,400	170	AS
	Jan-95	260	260	260	260	270	AS
	Oct-95	2,700	2,700	2,700	2,800	none	na
GW-19D	Apr-93	950	1,500	1,600	2,000	230	AS
	Jan-95	1,900	2,000	2,000	2,000	30	TOS
	Oct-95	1,900	2,000	2,100	2,100	130	AS
GW-27D	Apr-93	4,100	6,000	7,000	26,000	9,000	MOS/BR
	Jan-95	2,600	3,200	3,300	28,000	17,000	MOS/BR
	Oct-95	2,600	10,000	24,000	44,000	14,000	MOS/BR
GW-34D	Apr-93	2,900	7,500	9,100	25,000	3,600	BOS
	Jan-95	2,100	4,800	6,500	25,000	4,200	BOS
	Oct-95	2,200	1,800	2,200	68,000	41,000	BOS
GW-40D	Apr-93	660	2,600	3,500	5,700	1,100	TOS
	Jan-95	1,200	2,000	2,200	5,000	820	MOS
	Oct-95	1,500	1,800	1,900	4,000	840	BR
GW-42-D	Apr-93	3,000	63,000	63,000	63,000	14,000	AS
	Jan-95	4,300	71,000	73,000	73,000	23,000	AS
	Oct-95	970	38,000	27,000	66,000	37,000	AS
GW-42S	Oct-95	360	360	380	410	20	BOS
GW-43D	Jan-95	19,000	21,000	22,000	27,000	4,000	AS
	Oct-95	26,000	27,000	31,000	69,000	27,000	AS
GW-43S	Oct-95	na	na	1,500	11,000	9,100	AS
GW-44D	Jan-95	9,400	29,000	na	na	1,400	AS
	Oct-95	9,700	29,000	28,000	28,000	2,000	AS
GW-44S	Oct-95	50	50	70	200	55	MOS
GW-49D	Jan-95	300	320	320	330	17	MOS
	Oct-95	260	300	320	970	200	MOS
GW-50D	Apr-93	11,000	15,000	14,000	19,000	1,900	MOS
	Jan-95	7,900	10,000	11,000	17,000	1,600	MOS
	Oct-95	5,800	5,900	6,100	16,000	5,500	TOS
GW-58D	Apr-93	880	9,800	9,900	25,000	4,500	BOS/BR
	Jan-95	800	9,500	9,600	26,000	2,400	AS
	Oct-95	790	9,100	12,000	23,000	6,500	AS
GW-61D	Apr-93	670	690	690	750	54	BOS/BR
	Jan-95	630	650	640	660	20	AS
	Oct-95	600	610	620	620	10	TOS

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.BLE 2-26

Summary of Specific Conductance Profile Data

Olin Corporation
Wilmington, MA Facility

Well Location	Survey Date	Range of Conductance Above Well Screen		Range of Conductance Within Well Screen		Magnitude and Location of Conductance Spike	
		Minimum (umhos/cm)	Maximum (umhos/cm)	Minimum (umhos/cm)	Maximum (umhos/cm)	Maximum Increase in Conductance Between Intervals (umhos/cm)	Location of Spike(1)
GW-61BR	Apr-93	420	1,400	1,400	1,500	300	AS
	Jan-95	420	1,100	1,100	1,100	250	AS
	Oct-95	360	990	990	1,000	230	AS
GW-62BR	Apr-93	4,000	13,000	13,000	13,000	12,000	AS
	Jan-95	2,400	6,400	6,100	14,000	4,800	TOS
	Oct-95	6,800	10,000	12,000	18,000	6,000	MOS/BR
GW-62BRD	Apr-93	2,900	3,400	3,300	3,700	530	AS
	Jan-95	1,400	1,400	1,400	1,400	38	AS
	Oct-95	1,400	1,400	1,500	1,500	57	AS
GW-62D	Apr-93	350	380	360	490	46	BR
	Jan-95	330	400	420	440	29	AS
	Oct-95	330	490	580	1,600	460	AS
GW-64D	Apr-93	490	700	720	2,600	650	BOS/BR
	Jan-95	550	1,200	1,400	2,700	430	BOS/BR
	Oct-95	670	1,700	1,900	2,900	740	AS
GW-65BR	Oct-95	2,700	3,200	990	2,600	180	AS
GW-65D	Jan-95	330	400	430	490	35	AS
	Oct-95	320	350	380	460	28	AS
GW-67D	Jan-95	650	1,000	1,000	1,300	120	AS
GW-67D	Oct-95	650	850	920	1,300	160	TOS
GW-68BR	Apr-93	130	170	160	19,000	14,000	BOS
	Jan-95	420	420	420	28,000	17,000	BOS
	Oct-95	840	1,400	1,400	28,000	15,000	BOS
GW-69D	Apr-93	3,500	3,500	3,500	18,000	9,100	MOS
	Jan-95	840	2,600	3,200	15,000	3,200	MOS
	Oct-95	1,700	4,700	5,800	15,000	3,700	MOS
GW-70D	Jan-95	1,000	15,000	16,000	28,000	5,000	AS
	Oct-95	480	11,000	14,000	28,000	10,000	AS
GW-74D	Jan-95	550	560	550	650	14	BOS
	Oct-95	580	620	630	640	35	AS
GW-80BR	Oct-95	930	980	890	1,200	103	BOS
GW-80D	Oct-95	1,300	1,400	1,400	1,500	168	BOS
GW-81BR	Oct-95	420	420	410	570	630	BOS
GW-81D	Oct-95	na	na	60	1,000	150	BOS

(1) Location of Conductance Spike (maximum increase in conductance between measurement intervals)

AS: Above well screen
TOS: Top of well screen
MOS: Middle of well screen
BOS: Bottom of well screen
BR: Above bedrock interface
TOS/BR: Top of well screen/above bedrock interface
BOS/BR: Bottom of well screen/above bedrock interface

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TABLE 2-27

Terrain Conductivity Survey Summary

Olin Corporation
Wilmington, MA Facility

Line Number	Line Location	Data Range (mmhos/m) 10 H Low	10 H High	10 V Low	10 V High	20 V Low	20 V High	20 H Low	20 H High	Anomalous Data Range (feet)	Depth Range Reading	Possible Cause
TC-1	Site	2	35	2	35	1	27	1	36	100-250	10H, 10V, 20V, 20H	Dense Layer
										550-700	10H, 10V, 20V, 20H	Dense Layer
TC-2	WBV	2	8	3	8	1	7	3	10	none	none	
TC-3	WBV	2	16	2	11	2	15	3	14	300	20V	Cultural Interference/Dense Layer
										350	10V	Groundwater Quality
										400	20H	Groundwater Quality
										1000-1100	10H, 10V, 20V, 20H	Cultural Interference
TC-4	WBV	3	18	3	19	4	12	4	18	0	10V	Groundwater Quality
										200	20V	Groundwater Quality
										300-700	10H, 10V, 20V, 20H	Groundwater Quality
										950	20H	Culturual/ Topographic
TC-5	WBV	7	11	5	10	4	14	6	12	150-350	20V	Groundwater Quality
										250-500	10H, 20H	Groundwater Quality
										600-850	10H	Surface Water
TC-6	WBV	5	12	4	11	3	15	5	14	200-600	10H, 20H	Groundwater Quality
										600-950	10H, 10V, 20V, 20H	Groundwater Quality
TC-7	WBV	4	13	4	9	2	7	4	11	300-700	10H	Surface Water
										750-1050	10H, 20H	Groundwater Quality
TC-8	WBV	3	13	5	16	6	8	4	11	500-600	10H, 10V, 20V, 20H	Cultural/Topographic
TC-9	WBV	1	64	3	78	2	145	0	76	0-700	10H, 10V, 20V, 20H	Cultural Interference -Canal
										700-800	10V	Cultural Interference -Canal
TC-10	SeBV	1	19	1	8	10	31	9	47	0-50	10H, 20H, 20V	Cultural Interference-Power Lines
										100-650	10V, 20H, 20V	Cultural Interference- Power Lines
TC-12	SeBV	1	14	4	26	5	11	0	13	300	20V	Cultural Interference-Power Lines
										600	20V	Cultural Interference-Power Lines
										850-950	10H, 10V, 20H	Cultural Interference-Power Lines

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TABLE 2-28

Summary of Inductance Logging Results

Olin Corporation
Wilmington, MA Facility

Well	Date Logged	Elevation Ground Surface ft msl	Elevation of Bedrock ft msl	Dense Layer Position			Inductance Log Conductivity		
				Depth (1) to Interface ft bgs	Elevation of Interface ft msl	Dense Layer Thickness feet (2)	Range above Dense Layer Interface mmho/m	Average (3) Background mmho/m	Range within Dense Layer mmho/m
GW-22D	2/27/97	85.6	49.2	26.5	59.1	9.9	15 to 55	17	55 to 190
GW-27D	2/27/97	88.4	57.6	25.5	62.9	5.3	15 to 70	55	70 to 190
GW-30DR	2/27/97	87.7	48.5	29.0	58.7	10.2	30 to 80	35	80 to 320
GW-34D	2/27/97	88.0	<57	NM	NM	NM	15 to >400	20	NM
GW-35D	3/10/97	88.1	53.1	30.0	58.1	5.0	10 to 100	20	100 to 490
GW-36	3/10/97	84.3	47.8	24.0	60.3	12.5	10 to 65	30	65 to 370
GW-37	2/27/97	81.8	54.8	23.5	58.3	3.5	5 to 85	50	80 to 280
GW-38	2/25/97	85.9	57.9	23.0	62.9	5.0	15 to 60	15	60 to 135
GW-42D	2/25/97	84.4	45.4	21.0	63.4	18.0	5 to 40	10	40 to 410
GW-43D	2/25/97	85.6	56.6	17.0	68.6	12.0	5 to 110	10	110 to 380
GW-44D	2/25/97	83.5	22.5	36.5	47.0	24.5	5 to 90	10	90 to 780
GW-44D	3/12/97	83.5	22.5	36.5	47.0	24.5	5 to 90	10	90 to 780
GW-45D	2/27/97	89.8	29.8	43.0	46.8	17.0	5 to 90	10	90 to 800
GW-50D	2/28/97	77.4	42.4	NM	NM	NM	15 to 85	20	NM
GW-55D	3/5/97	79.7	65.7	9.5	70.2	4.5	30 to 250	65	50 to 100
GW-58D	2/25/97	96.1	22.1	70.0	26.1	4.0	7 to 45	15	45 to 120
GW-59D	2/27/97	85.2	25.2	43.0	42.2	17.0	16 to 90	20	90 to 450
GW-69D	2/25/97	91.1	46.1	32.0	59.1	13.0	0 to 50	7.5	50 to 210
GW-70D	2/27/97	92.3	35.3	47.5	44.8	9.5	7 to 50	15	50 to 240
GW-82D	2/27/97	80.2	19.2	NP	NP	NP	5 to 30	25	NP
GW-83D	3/7/97	79.9	-36.1	102.0	-22.1	14.0	5 to 100	25	100 to 210
GW-84D	2/28/97	79.4	-20.6	NP	NP	NP	30 to 160	35	NP
GW-85D	3/4/97	79.1	-5.9	NP	NP	NP	20 to 85	25	NP
GW-86D	3/12/97	77.9	-7.1	NP	NP	NP	45 to 80	45	NP
GW-87D	3/12/97	78.3	-25.7	NP	NP	NP	0 to 30	10	NP

Notes:

NM = Dense layer may be present, but interface not identifiable on inductance log.

NP = Dense layer not present.

(1) Depth to interface based on change in conductivity slope as indicated on annotated logs in Appendix N.

(2) Thickness of dense layer calculated by subtracting bedrock elevation from interface elevation.

(3) Average background conductivity is minimum consistent conductivity above dense layer interface.

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TABLE 2-29. SUMMARY OF FIELD DATA COLLECTED DURING JANUARY, MAY, JULY AND OCTOBER 1995

Well ID	Date	Volume (gal)	Temp. (°C)	pH	S.C. (mS/cm)	D.O. (mg/L)	Eh (mV)	Fe(II) (mg/L)	Fe(tot) (mg/L)	Cr (VI) (mg/L)	Alkalinity (mg/L)*
GW-40S	January, 1995	20	10.5	6.15	0.323	6.0	449	0.020	0.050	<0.01	2.20
GW-40D	January, 1995	30	10.4	8.88	2.21	<0.1	254	0.030	0.120	0.01	160
GW-42S	January, 1995	20	11.4	4.89	0.213	0.80	60.6	3.52	3.89		
GW-42D	January, 1995	35	11.6	3.38	92.1	47.8	466	1250	1484	0.01	
GW-50S	January, 1995	12	9.40	5.76	3.30	0.20	405	0.010	0.020	<0.01	146
GW-50D	January, 1995	25	9.40	6.50	13.9	0.40	337	0.300	0.310	0.01	910
GW-62S	January, 1995	14	8.80	5.30	0.439	0.10	242	7.70	86.0	0.01	
GW-62D	January, 1995	36	9.40	6.08	0.463	<0.1	422	9.58	11.3	<0.01	
GW-58S	January, 1995	9.0	11.5	5.60	0.635	1.7	485	0.010	<0.01	<0.01	18.6
GW-58D	January, 1995	38	10.0	5.60	7.94	0.60	325			<0.01	137
GW-45S	January, 1995	15	11.9	5.47	0.552	0.40	420	<0.01	<0.01	<0.01	
GW-45D	January, 1995	38	10.5	3.72	53.9	43	425	1120	1370	0.01	
GW-36	January, 1995	22	10.8	3.62	80.6	28	425	2210	3010	0.01	
GW-64S	January, 1995	15	7.70	5.43	0.272	21	437	<0.01	0.050	<0.01	11.8
GW-64D	January, 1995	45	9.60	6.42	1.06	0.50	105	24.7	48.0	<0.01	120.7
GW-62BR	January, 1995	100	11.4	6.12	13.2	12	415	2.80	3.20		510
GW-79s	May, 1995	12	6.80	6.21	4.84	0.3	237	1.77	25.8	0.01	152
SW-16	May, 1995	0.79	11.9	6.32	2.06	10	383	0.020	0.010	0.01	20.9
SW-17	May, 1995	3.2	11.1	6.54	0.98	7.1	325	0.010	0.130	0.01	65.5
GW-78s	May, 1995	2.5	7.60	5.27	1.01	1.9	331	1.99	3.03	<0.01	39.0
SW-15	May, 1995	1.6	15.2	6.37	1.19	7.9	366	0.810	0.830	<0.01	54.5
GW-50s	May, 1995	9.5	7.60	5.45	3.44	0.40	331	0.030	0.040	<0.01	110
SW-11	May, 1995	2.0	17.2	6.02	0.49	11	321	0.030	0.66	<0.01	36.5
GW-76s	May, 1995	8.0	8.70	5.08	0.558	1.1	206	0.040	0.020	<0.01	65.5
SW-14	May, 1995	2.0	19.4	5.99	0.512	11	350	0.030	0.39	0.01	43.0
GW-77s	May, 1995	8.0	10.4	5.37	0.355	0.60	279	<0.01	<0.01	0.04	0.760
SW-12	May, 1995	2.0	18.4	5.85	0.305	11	281	0.170	1.20	0.06	20.0
GW-42s	May, 1995	9.0	9.10	4.73	0.221	0.20	196	2.05	3.95	<0.01	15.5
GW-56s	May, 1995	20	7.20	4.60	494	0.80	409	0.030	0.040	<0.01	
GW-8	May, 1995	6.0	7.90	5.47	2.24	0.70	373	0.690	0.730	0.01	33.0
SW-18	May, 1995	2.0	11.3	3.70	0.437	3.6	401	0.480	0.730	<0.01	
GW-42s	July, 1995	11	14.5	5.35	0.427	<0.1	9.30	11.2	22.9		
SW-12	July, 1995		21.1	6.62	0.892	<0.1	120	0.650	1.10		83.5
SW-14	July, 1995		26.8	7.30	0.885	8.7	4.27	0.290	0.010		101
GW-77s	July, 1995	9.0	16.3	6.03	0.337	<0.1	64.3	0.610	0.640		47.0
GW-76s	July, 1995	7.0	17.0	6.08	0.513	<0.1	290	0.480	0.560		34.0
SW-17	July, 1995		23.6	7.35	2.44	0.80	258	0.070	0.480		264
78s	July, 1995	2.0	13.3	5.48	1.07	<0.1	316	8.70	11.8		27.0
SW-16	July, 1995		27.4	7.12	2.13	12	345	0.540	0.170		1900
GW-79s	July, 1995	7.0	12.9	6.52	5.32	<0.1	215	2.50	2.50		235
GW-50s	July, 1995	9.0	10.6	6.02	1.95	<0.1	423	0.040	0.080		45.0
GW-8	July, 1995	5.0	11.8	5.78	2.86	<0.1	305	2.50	3.28		52.0
56s	July, 1995	8.0	11.0	6.81	0.682	<0.1	393	0.120	0.880		7.00

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TABLE 2-29 (cont.)

Well ID	Date	Volume (gal)	Temp. (°C)	pH	S.C. (mS/cm)	D.O. (mg/L)	Eh (mV)	Fe(II) (mg/L)	Fe(tot) (mg/L)	Cr (VI) (mg/L)	Alkalinity (mg/L)[a]
SW-14	October, 1995		5.80	6.27	0.391	7.6	352	0.080	0.290	n/a	36.0
GW-77s	October, 1995	8.0	16.8	5.78	0.348	0.20	343	0.050	0.060	0.06	36.0
SW-12	October, 1995		6.20	5.31	0.196	<0.1	389	0.260	1.00	n/a	4.00
GW-42s	October, 1995	3.0	16.1	5.37	0.351	<0.1	4.66	15.0	16.2	n/a	24.0
GW-76s	October, 1995	5.0	13.9	6.03	1.03	0.50	436	0.090	0.110	n/a	103
SW-17	October, 1995		9.90	6.67	1.99		371	1.26	1.50	n/a	192
GW-78s	October, 1995	3.0	13.1	5.38	1.54	1.7	314	10.8	12.5	n/a	29.0
SW-16	October, 1995		12.5	6.10	2.12	7.6	324	8.15	16.4	n/a	13.0
GW-79s	October, 1995	9.0	12.9	6.38	4.65	0.20	301	10.3	12.1	n/a	190
GW-50s	October, 1995	8.0	12.0	6.02	0.912	0.10	399	0.020	0.100	n/a	56.0
GW-80s	October, 1995	9.0	19.1	6.40	1.06	<0.1	53.7	70.0	70.0	<0.01	391
GW-80d	October, 1995	30	14.9	6.49	0.646	<0.1	54.7	30.0	37.0	<0.01	325
GW-80br	October, 1995	362	12.9	6.35	0.175	<0.1	92.7	24.0	27.0	<0.01	412
GW-81d	October, 1995	15	15.5	10.7	0.183	3.9	266	<0.01	<0.01	n/a	102
GW-81br	October, 1995	52	18.5	9.29	0.420	4.1	259	0.010	0.010	<0.01	56.0
GW-65br	October, 1995	303	13.4	11.9	2.84	0.80	246	0.010	0.040	<0.01	490
GW-64s	October, 1995	3.0	11.2	6.05	0.383	0.20	294	1.22	1.53	0.09 [b]	45.0
GW-64d	October, 1995	34	10.1	6.67	1.70	<0.1	125	40.0	44.0	0.01	115
GW-62s	October, 1995	10	12.7	5.98	0.486	<0.1	242	8.15	16.4	<0.01	92.0
GW-62d	October, 1995	35	10.2	6.00	0.579	<0.1	305	0.010	0.020	<0.01	56.0
GW-58s	October, 1995	5.0	12.0	5.82	0.513	0.10	341	<0.01	<0.01	n/a	28.0
GW-58d	October, 1995	31	11.2	5.51	9.01	<0.1	356	36.0	43.0	<0.01	104
GW-62br	October, 1995	165	11.9	6.27	12.2	1.4	335	6.20	7.25	<0.01	416
GW-44s	October, 1995	10	13.6	6.28	0.101	<0.1	352	0.050	0.070	<0.01	25.0
GW-44d	October, 1995	30	9.80	3.80	67.8	<0.1	431	151	1875	<0.01	n/a
GW-45s	October, 1995	9.0	14.1	5.57	0.558	<0.1	362	0.320	0.330	<0.01	1.00
GW-45d	October, 1995	26	11.2	3.97	57.5	0.10	431	478	1370	<0.01	n/a
GW-42s	October, 1995	9.0	16.1	5.37	0.351	<0.1	2.41	13.8	16.2	<0.01	25.0
GW-42d	October, 1995	21	11.6	3.57	97.7	0.10	461	1390	1590	<0.01	n/a
GW-43s	October, 1995	12	15.8	5.88	1.69	0.10	387	0.120	0.120	0.01	76.0
GW-43d	October, 1995	15	12.3	4.20	34.7	<0.1	395	166	290	<0.01	n/a
GW-50s	October, 1995	8.0	12.0	6.02	0.912	0.10	399	<0.01	0.050	n/a	54.0
GW-50d	October, 1995	22	9.70	6.47	13.2	<0.1	330	0.430	0.430	n/a	460
GW-40s	October, 1995	6.0	13.4	4.95	0.200	7.5	346	<0.01	0.010	n/a	7.00
GW-40d	October, 1995	20	10.2	8.16	2.55	0.10	255	<0.01	<0.01	n/a	199

[a] Alkalinity values represented as $CaCO_3$.

[b] Turbid without color.

n/a = Not enough material available to complete analysis.

Table 2-30 . Water composition for monitoring well GW-42D used in experimental studies.

Analyte	Units	Concentration
Aluminum	mg/L	2200
Arsenic	mg/L	0.069
Barium	mg/L	0.087
Calcium	mg/L	635
Chromium(III)	mg/L	4050
Fe(II)	mg/L	1590
Fe(III)	mg/L	600
Magnesium	mg/L	1300
Manganese	mg/L	640
Potassium	mg/L	82
Silicon	mg/L	175
Sodium	mg/L	23,500
Chloride	mg/L	23,500
Nitrate	mg/L as N	18
Nitrite	mg/L as N	1.1
Ammonia	mg/L as N	9.1
Phosphorus	mg/L as P	109
Sulfate	mg/L	78,000
pH	s.u.	3.36
Dissolved Oxygen	mg/L	<0.1
Temperature	°C	17.1

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Table 2-31
Conditions and Results for Chromium(III) Partitioning Experiments

Experiment	Solid (g)	Solution (ml)	Final pH	Final Cr(III) (mg/L)
		50X Dilution - Initial pH = 3.27		
A-34	15	30	4.09	3.05
A-35	10	35	4.00	7.86
A-36	4	40	3.91	31.62
A-37	2	40	3.82	45.51
A-38	1	40	3.72	50.97
A-39	0.5	40	3.61	57.65
A-40	0.25	40	3.51	57.76
A-41	0.15	40	3.45	60.57
A-42	0	40	3.39	60.41
		100X Dilution - Initial pH = 4.05		
A-17	10	35	4.23	3.92
A-18	4	40	4.19	13.52
A-19	2	40	4.13	21.50
A-20	1	40	4.09	25.45
A-21	0.5	40	4.05	27.73
A-22	0.25	40	4.02	29.24
A-23	15	30	4.25	1.58
A-24	0	40	4.03	29.87
A-25	6	35	4.16	7.30
		200X Dilution - Initial pH = 4.23		
A-1	10	35	4.49	0.46
A-2	4	40	4.39	2.19
A-3	2	40	4.33	6.21
A-4	1	40	4.28	9.98
A-5	0.5	40	4.24	12.09
A-6	0.25	40	4.20	13.49
A-7	0.12	40	4.18	14.18
A-8	0	40	4.14	15.02

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Table 2-31
Conditions and Results for Chromium(III) Partitioning Experiments

Experiment	Solid (g)	Solution (ml)	Final pH	Final Cr(III) (mg/L)
		500X Dilution - Initial pH = 4.42		
A-9	10	35	4.56	0.12
A-10	5	40	4.46	0.25
A-11	2	40	4.42	0.77
A-12	1	40	4.44	0.73
A-13	0.5	40	4.39	3.62
A-14	0.25	40	4.38	4.56
A-15	0.15	40	4.36	5.15
A-16	0	40	4.34	5.92
		1000X Dilution - Initial pH = 4.40		
A-26	10	35	4.68	0.06
A-27	4	40	4.48	0.13
A-28	2	40	4.34	0.30
A-29	1	40	4.32	0.72
A-30	0.5	40	4.31	1.65
A-31	0.25	40	4.31	2.28
A-32	0.15	40	4.31	2.69
A-33	0	40	4.30	3.23

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TABLE 2-32 COMPARISON BETWEEN COMPOSITION OF GROUNDWATER SAMPLES AND GROUNDWATER BLANK SAMPLES

(All units are mg/L)

	GW-83-D		GW-87-D	
	Initial	Post-equilibration[a]	Initial	Post-equilibration[a]
Aluminum	20.3	14.8	0.05 U	0.07
Calcium	363	469	324	341
Chromium	0.076	0.058	0.001 U	0.001 U
Iron	1970	2030	21.4	16.1
Magnesium	591	627	64.2	95.9
Manganese	187	195	4.66	6.99
Sodium	5360	5750	380	564
Bicarbonate Alkalinity(as $CaCO_3$)	26	20 U	224	215
Carbonate Alkalinity(as $CaCO_3$)	20 U	20 U	20 U	20 U
Chloride	4900	5100	620	510
Sulfate	19000	19000	1800	1600
Ammonia	1500	1800	53	40
Nitrate +Nitrite (as N)	1 U[b]	1 U[b]	0.2 U	0.2 U

[a] Composition of groundwater after it had been subjected to the Kd adsorption test in the absence of any soil

[b] Detection limit raised due to matrix interference.

TABLE 2-33 TESTING MATRIX FOR ANOXIC K_d TESTS

Solid ID	GW ID	Notes / Solid: Water Ratio	Solid Mass (g)	GW Volume (mL)
--	GW83D	Groundwater Only	0	1000
GW86I	GW83D	1:1	500.1	500
GW86I	GW83D	1:3	250	750
GW86I	GW83D	1:9	99.8	900
GW86I	GW83D	1:19	50.1	950
GW84S	GW83D	1:1	500	500
GW84S	GW83D	1:3	250	750
GW84S	GW83D	1:9	100.2	900
GW84S	GW83D	1:19	49.9	950
--	GW87D	Groundwater Only	0	1000
GW86I	GW87D	1:1	500	500
GW86I	GW87D	1:3	250.1	750
GW86I	GW87D	1:9	100	900
GW86I	GW87D	1:19	50.1	950
GW84S	GW87D	1:1	499.9	500
GW84S	GW87D	1:3	250	750
GW84S	GW87D	1:9	100	900
GW84S	GW87D	1:19	50.1	950
GW84S	DI water	Soil Blank		
GW86I	DI water	Soil Blank		
--	DI water	Equipment Blank		

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TABLE 2-34 PTI LAB RESULTS FOR OLIN ANOXIC K_d STUDY

Solid ID	GW ID	Notes	Ratio (Solid:GW)	pH (s.u)	Dissolved Oxygen (mg/L)	Specific Conductance (mmhos/cm)
	GW-83-D	GW-83-D, initial		4.87	0.0	36.5
GW-86-M	GW-83-D		1:1	5.84	0.0	33.1
GW-86-M	GW-83-D		1:3	5.60	0.0	35.3
GW-86-M	GW-83-D		1:9	5.68	0.0	36.2
GW-86-M	GW-83-D		1:19	5.37	0.0	36.5
GW-84-S	GW-83-D		1:1	4.96	0.0	32.0
GW-84-S	GW-83-D		1:3	5.18	0.0	34.9
GW-84-S	GW-83-D		1:9	5.15	0.0	35.7
GW-84-S	GW-83-D		1:19	5.08	0.0	35.9
--	GW-83-D	Groundwater Blank		5.26	0.0	36.3
	GW-87-D	GW-87-D, initial		7.47	0.0	4.67
GW-86-M	GW-87-D		1:1	7.29	0.0	4.02
GW-86-M	GW-87-D		1:3	7.52	0.0	4.38
GW-86-M	GW-87-D		1:9	7.18	0.0	4.57
GW-86-M	GW-87-D		1:19	7.14	0.0	4.59
GW-84-S	GW-87-D		1:1	7.28	0.0	3.95
GW-84-S	GW-87-D		1:3	7.01	0.0	4.33
GW-84-S	GW-87-D		1:9	7.08	0.0	4.50
GW-84-S	GW-87-D		1:19	6.99	0.0	4.55
--	GW-87-D	Groundwater Blank		7.16	0.0	4.57
GW-84-S	DI water	Soil Blank		6.62	0.0	0.10
GW-86-M	DI water	Soil Blank		6.73	0.0	0.05
--	DI water	Equipment Blank		5.49	4.3	0.03

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TABLE 2-35 . TOTAL COMPOSITIONS OF AQUIFER MATERIALS USED IN ANOXIC K_d EXPERIMENTS

Aquifer Material ID	Aluminum (mg/kg)	Chromium (mg/kg)	Iron (mg/kg)	Manganese (mg/kg)	Ammonia (mg/kg as N)	Sulfate (mg/kg)	Total Organic Carbon (%)	Moisture Content (%)[a]
GW86M	3,660	6.6	5,040	49	1.05	6.1	0.05 U	21.0
GW84S	2,910	5.4	3,400	40	0.3 U	8.1	0.05 U	17.0
Typical sedimentary rock composition[b]	4,000-80,000	11-90	4,000-50,000	800-1,000	-- [c]	240-2,400[d]	-- [c]	-- [c]

U = Undetected; value represents the detection limit.

[a] Average of triplicate results.

[b] Mason and Moore 1982.

[c] Not reported.

[d] Total sulfur abundance.

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TABLE 2-36 . ANALYTICAL RESULTS FOR OLIN ANOXIC K_d STUDY

(All units are mg/L unless otherwise noted)

Solid ID	GW ID	Solid Mass (g)	GW Volume (mL)	Notes / Solid: Water Ratio	Aluminum	Calcium	Chromium	Iron	Magnesium	Manganese
--	GW83D	0	1000	Groundwater Only	14.8	469	0.058	2,030	627	195
GW86I	GW83D	500.1	500	1:1	7.46	448	0.056	1,820	550	172
GW86I	GW83D	250	750	1:3	12.7	461	0.058	1,970	594	188
GW86I	GW83D	99.8	900	1:9	14.4	462	0.066	2,010	601	192
GW86I	GW83D	50.1	950	1:19	15.6	456	0.064	1,990	596	191
GW84S	GW83D	500	500	1:1	12.5	450	0.046	1,550	488	158
GW84S	GW83D	250	750	1:3	12.6	458	0.055	1,820	554	179
GW84S	GW83D	100.2	900	1:9	14.2	460	0.061	1,940	583	188
GW84S	GW83D	49.9	950	1:19	14.5	466	0.062	1,990	597	192
--	GW87D	0	1000	Groundwater Only	0.07	341	0.001 U	16.1	95.9	6.99
GW86I	GW87D	500	500	1:1	6.27	291	0.014	11.5	83.2	5.51
GW86I	GW87D	250.1	750	1:3	0.05 U	313	0.001 U	1.56	86.6	6.15
GW86I	GW87D	100	900	1:9	0.05 U	322	0.002	19.2	89.2	6.53
GW86I	GW87D	50.1	950	1:19	0.05 U	348	0.001 U	22.3	97.0	7.08
GW84S	GW87D	499.9	500	1:1	0.05 U	317	0.001 U	0.084	79.8	5.80
GW84S	GW87D	250	750	1:3	0.05 U	332	0.013	0.071	89.4	6.57
GW84S	GW87D	100	900	1:9	0.05 U	341	0.001 U	1.95	93.8	6.94
GW84S	GW87D	50.1	950	1:19	0.05 U	342	0.001 U	8.66	94.8	6.99
GW84S	DI water			Soil Blank	0.343	2.77	0.002	0.50	0.545	0.042
GW86I	DI water			Soil Blank	8.54	1.21	0.021	11.5	1.96	0.089
--	DI water			Equipment Blank	0.05 U	0.05 U	0.001 U	0.054	0.028	0.005

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TABLE 2-36 (cont.)

Solid ID	GW ID	Notes / Solid: Water Ratio	Sodium	Bicarbonate Alkalinity (as $CaCO_3$)	Carbonate Alkalinity (as $CaCO_3$)	Chloride	Sulfate	Ammonia	Nitrate + Nitrite (as N)
--	GW83D	Groundwater Blank	5,750	20 U	20 U	5,100	19,000	1,800	1 Ua
GW86I	GW83D	1:1	4,930	20 U	20 U	5,300	19,000	1,600	1 U[a]
GW86I	GW83D	1:3	5,360	20 U	20 U	4,800	19,000	1,600	1 U[a]
GW86I	GW83D	1:9	5,420	20 U	20 U	5,000	20,000	1,800	0.2 U
GW86I	GW83D	1:19	5,370	20 U	20 U	4,900	21,000	1,700	0.2 U
GW84S	GW83D	1:1	4,320	20 U	20 U	4,600	18,000	1,500	1 U[a]
GW84S	GW83D	1:3	4,950	20 U	20 U	5,000	19,000	1,800	1 U[a]
GW84S	GW83D	1:9	5,260	20 U	20 U	5,600	20,000	1,800	0.3
GW84S	GW83D	1:19	5,390	20 U	20 U	5,000	20,000	1,700	1 U[a]
--	GW87D	Groundwater Blank	564	215	20 U	510	1,600	40	0.2 U
GW86I	GW87D	1:1	477	130	20 U	610	1,500	33	0.2 U
GW86I	GW87D	1:3	507	182	20 U	550	1,500	40	0.2 U
GW86I	GW87D	1:9	524	205	20 U	2,200	2,000	43	0.2 U
GW86I	GW87D	1:19	568	212	20 U	2,000	1,700	43	0.2 U
GW84S	GW87D	1:1	487	173	20 U	400	1,600	25	0.5
GW84S	GW87D	1:3	528	200	20 U	570	1,800	35	0.3
GW84S	GW87D	1:9	552	210	20 U	530	1,500	37	0.6
GW84S	GW87D	1:19	558	212	20 U	520	1,500	36	0.2 U
GW84S	DI water	Soil Blank	10.9	20 U	20 U	14	8.1	0.06	0.7
GW86I	DI water	Soil Blank	8.89	20 U	20 U	9.3	6.4	0.17	0.2 U
--	DI water	Equipment Blank	0.19	20 U	20 U	0.3	0.5	0.05 U	0.2 U

U = Undetected; value represents the detection limit.

[a] Detection limit raised due to matrix interference.

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TABLE 2-37 K_d VALUES FOR OLIN ANOXIC ADSORPTION TESTS

Solid ID	GW ID	Ratio (Solid:Water)	Calculated Chromium K_d (L/kg)	Calculated Iron K_d (L/kg)	Calculated Sulfate K_d (L/kg)	Calculated Ammonia K_d (L/kg)	Calculated Aluminum K_d (L/kg)
GW86I	GW83D	1:1	0.0357	0.115	0 [a]	0.125	0.984
GW86I	GW83D	1:3	0 [a]	0.0914	0 [a]	0.375	0.496
GW86I	GW83D	1:9	0 [a]	0.0897	0 [a]	0 [a]	0.251
GW86I	GW83D	1:19	0 [a]	0.381	0 [a]	1.12	0 [a]
GW84S	GW83D	1:1	0.261	0.310	0.0556	0.2	0.184
GW84S	GW83D	1:3	0.164	0.346	0 [a]	0 [a]	0.524
GW84S	GW83D	1:9	0 [a]	0.417	0 [a]	0 [a]	0.380
GW84S	GW83D	1:19	0 [a]	0.383	0 [a]	1.12	0.394
GW86I	GW87D	1:1	0 [a]	0.400	0.0667	0.212	0 [a]
GW86I	GW87D	1:3	0 [a]	28.0	0.200	0 [a]	1.20
GW86I	GW87D	1:9	0 [a]	0 [a]	0 [a]	0 [a]	3.60
GW86I	GW87D	1:19	0 [a]	0 [a]	0 [a]	0 [a]	7.58
GW84S	GW87D	1:1	0 [a]	191	0 [a]	0.600	0.400
GW84S	GW87D	1:3	0 [a]	677	0 [a]	0.429	1.20
GW84S	GW87D	1:9	0 [a]	65.3	0.600	0.730	3.60
GW84S	GW87D	1:19	0 [a]	16.3	1.26	2.11	7.58

[a] Concentration increased during anoxic adsorption test

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TABLE 2-38

Results of April Sampling Event

Olin Corporation
Wilmington, MA Facility

MP-1 Port	Elevation (feet amsl)	Hexavalent Chromium (method 6010)	Hexavalent Chromium (method 7196)	Chromium	Iron	Magnesium	Sodium	Chloride	Sulfate	Total Nitrate-Nitrite	Ammonia	Aluminum	Calcium
18	79.9		< 0.010	< 0.015	< 0.025	5.4	84	47	1200	3.9	2.6	< 0.10	600
17	77.4		< 0.010	< 0.015	0.73	1.2	4.9	35	1300	3.1	1.3	0.52	2.0
16	74.9		< 0.010	< 0.015	< 0.025	22.0	220	42	1500	2.1	8.2	< 0.10	550
14	70.9		< 0.010	< 0.015	1.8	16	200	68	820	4.8	50	< 0.10	240
13	69.4		< 0.010	< 0.015	0.20	7.3	72	32	360	7.0	43	< 0.10	100
12	67.9		< 0.010	< 0.015	< 0.025	4.9	55	30	180	8.1	34	< 0.10	100
11	66.4		< 0.010	< 0.015	< 0.025	3.9	35	25	170	7.5	31	< 0.10	100
10	64.9		< 0.010	< 0.015	< 0.025	4.4	42	27	140	7.4	33	< 0.10	100
8	61.9		< 0.010	< 0.015	< 0.025	4.4	49	42	330	7.5	30	< 0.10	130
5	57.4		< 0.010	2.5	5.7	96	830	900	5300	2.9	220	78	260
4	54.9	12		400	190	900	9300	6400	42000	7.6	6.3	1200	420
2	49.9	97		1900	2100	1200	19000	13000	64000	2.5	5.9	1500	420
1	47.4	150		2200	2800	1500	25000	17000	74000	2.1	7.1	1800	420

Notes:
amsl = above mean sea level
Concentrations in milligrams per liter

US EPA ARCHIVE DOCUMENT

TABLE 2-39

Results of May Sampling Event

Olin Corporation
Wilmington, MA Facility

MP-1 Port	Elevation (feet amsl)	Hexavalent Chromium (method 6010)	Hexavalent Chromium (method 7196)	Chromium	Iron	Magnesium	Sodium	Chloride	Sulfate	Total Nitrate-Nitrite	Ammonia	Aluminum	Calcium
18	79.9		< 0.01	< 0.015	< 0.025	4	72	21	1400	2.3	1.5	< 0.10	600
17	77.4		< 0.01	< 0.015	< 0.025	4.1	66	17	1400	2	0.98	< 0.10	590
16	74.9		< 0.01	< 0.015	< 0.025	15	180	26	1400	3.4	6.7	< 0.10	560
14	70.9		< 0.01	< 0.015	0.6	13	190	52	590	7.1	32	< 0.10	130
13	69.4		< 0.01	< 0.015	< 0.025	6.5	68	28	320	6.5	36	< 0.10	120
12	67.9		< 0.01	< 0.015	< 0.025	3.9	46	22	280	9.4	36	< 0.10	130
11	66.4		< 0.01	< 0.015	< 0.025	3.7	34	21	240	9.8	31	< 0.10	130
10	64.9		< 0.01	< 0.015	< 0.025	3.6	39	21	240	9.8	32	< 0.10	120
8	61.9	< 0.15		0.033	0.062	3.9	49	28	230	10	29	< 0.10	120
7	60.4	< 0.15		< 0.015	< 0.025	3.6	33	27	370	8.4	27	< 0.10	210
6	58.9	< 0.15		0.029	0.79	9.6	85	55	720	6.9	64	0.51	230
5	57.4	< 0.15	< 0.01	3.5	6.5	150	800	8300	4800	3.5	620	110	440
4	54.9	7	< 0.025	350	190	1100	8900	3900	31000	8	850	1300	530
3	52.4	28.00	< 0.05	1400	1800	1200	16000	14000	59000	3.5	170	1800	550
3 DUP	52.4		< 0.05	1400	1800	1200	15000	13000	59000	3.7	370	1700	540
2	49.9	42	< 0.05	1800	2300	1400	19000	69000	72000	3.1	230	1700	550
1	47.4	70	< 0.05	2100	3400	1800	23000	91000	73000	2	170	2100	460

Notes:
amsl = above mean sea level
Concentrations in milligrams per liter

US EPA ARCHIVE DOCUMENT

TABLE 2-39

Results of May Sampling Event

Olin Corporation
Wilmington, MA Facility

MP-2 Port	Elevation (feet amsl)	Hexavalent Chromium (method 6010)	Hexavalent Chromium (method 7196)	Chromium	Iron	Magnesium	Sodium	Chloride	Sulfate	Total Nitrate-Nitrite	Ammonia	Aluminum	Calcium
17	78.64		< 0.01	0.028	38	7	250	190	390	0.058	23	< 0.10	11
16	76.14		< 0.01	0.05	33	4.7	220	150	430	0.069	28	< 0.10	9.7
15	73.64		< 0.01	0.15	15	5.5	270	140	570	0.2	20	0.15	13
14	72.14		< 0.01	0.14	6.1	2.9	130	100	200	0.084	15	0.21	11
13	70.64		< 0.01	0.21	4.7	2.9	89	75	160	0.19	9.7	0.21	11
12	69.14		< 0.01	0.12	3.8	2.2	36	81	33	0.11	7.9	0.15	10
11	66.64		< 0.01	0.24	4.6	3	37	86	26	0.1	6.8	0.28	12
10	64.14		< 0.01	0.17	4.3	3.3	39	79	44	0.21	7.2	0.29	12
9	61.64		< 0.01	0.23	2.1	1.9	45	49	100		12	0.26	8.6
8	60.14		< 0.01	1.5	3	2.5	53	50	100	0.17	13	1.4	8.6
7	58.64		< 0.01	1.2	2.6	2.4	74	55	190	0.13	28	0.76	7.1
6	57.14	1.2	< 0.01	18	44	48	700	500	2500	0.066	320	39	120
4	54.14	34	< 1	1600	1100	770	15000	11000	52000	1.8	160	1200	390
3	51.64	54	< 1	2400	1000	850	18000	14000	62000	2.7	210	1100	340
2	49.14	72	< 1	3300	1100	1100	22000	16000	71000	3.3	390	1500	410
1	46.64	89	< 1	4700	1600	940	24000	17000	77000	2.1	140	1600	440

Notes:
amsl = above mean sea level
Concentrations in milligrams per liter

US EPA ARCHIVE DOCUMENT

TABLE 2-39

Results of May Sampling Event

Olin Corporation
Wilmington, MA Facility

MP-3 Port	Elevation (feet amsl)	Hexavalent Chromium (method 6010)	Hexavalent Chromium (method 7196)	Chromium	Iron	Magnesium	Sodium	Chloride	Sulfate	Total Nitrate-Nitrite	Ammonia	Aluminum	Calcium
21	77		< 0.01	< 0.015	0.14	0.2	69	22	59	1	2.1	0.27	1.0
20	75.5		< 0.01	< 0.015	0.22	0.88	97	39	120	0.7	3.4	0.17	4.0
19	74		< 0.01	< 0.015	0.34	0.91	140	48	170	1.4	6.8	0.15	3.6
18	72.5		< 0.01	< 0.015	0.081	1	62	35	81	0.52	3.9	< 0.10	3.8
17	69		< 0.01	< 0.015	< 0.025	1.5	46	31	53	0.7	0.82	< 0.10	10
16	65.5		< 0.01	< 0.015	< 0.025	1.8	53	37	59	1.4	1.1	< 0.10	11
15	62		< 0.01	< 0.015	< 0.025	1.7	64	37	88	1.4	2.9	< 0.10	7.7
14	58.5		< 0.01	< 0.015	< 0.025	2	63	36	84	1.5	2	< 0.10	9.5
13	56		< 0.01	< 0.015	0.081	1.1	50	33	72	1.5	4.6	< 0.10	3.5
12	54.5		< 0.01	< 0.015	< 0.025	1	50	39	64	1.5	8	< 0.10	4.7
11	53		< 0.01	< 0.015	< 0.025	2.4	80	78	120	1.1	24	< 0.10	9.6
10	51.5		< 0.01	0.028	0.035	3.4	87	110	160	1.2	45	< 0.10	12
9	50		< 0.01	0.075	0.17	5.4	120	150	260	0.93	60	0.22	19
8	48.5		< 0.01	0.23	1.2	11	210	240	560	0.9	130	1.5	34
7	47		< 0.01	3	11	79	1100	900	3900	2.1	910	54	220
6	45.5		< 0.01	4.4	11	100	1400	1100	6900	2.7	1200	95	260
5	43		< 0.01	14	20	170	1600	1500	7100	3.8	1400	200	300
4	39.5	3.6	< 0.01	53	75	340	2900	1900	12000	6.6	2	450	440
3	35	21	< 0.025	290	520	600	6800	3400	24000	8.8	34	930	460
2	30.5	47	< 0.05	830	1800	830	12000	5000	38000	6.1	29	1400	530
1	25	79	< 0.05	1100	1800	930	12000	12000	48000	5.1	310	1500	520

Notes:
amsl = above mean sea level
Concentrations in milligrams per liter

TABLE 2-40

Multilevel Piezometer Field Data

Olin Corporation
Wilmington, MA Facility

MP-1 Port	Depth (feet)	Elevation (feet amsl)	pH (S.U.)	Specific Conductivity (umhos/cm)	Eh (mV)	Temperature (deg C)	Dissolved Oxygen (mg/L)
18	5	79.9	6.64	2,360	264.6	11.3	0.50
17	7.5	77.4	6.53	2,290	142.9	11.4	0.22
16	10	74.9	6.82	2,690	205.0	10.7	0.38
14	14	70.9	7.21	1,760	-20.7	10.5	0.33
13	15.5	69.4	7.63	1,082	131.7	9.8	0.08
12	17	67.9	7.62	955	145.2	9.7	0.08
11	18.5	66.4	7.58	899	147.2	9.5	0.08
10	20	64.9	7.56	910	149.6	9.5	0.07
8	23	61.9	7.36	843	92.4	10.7	0.33
7	24.5	60.4	7.25	1,122	218.5	13.5	0.39
6	26	58.9	6.05	1,849	133.9	13.6	0.90
5	27.5	57.4	3.96	9,900	351.3	11.6	0.32
4	30	54.9	3.46	45,300	312.8	14.0	0.95
3	32.5	52.4	3.68	70,200	234.1	11.7	0.33
2	35	49.9	3.65	70,900	182.5	12.6	0.47
1	37.5	47.4	3.76	90,200	213.2	13.1	0.37

Notes:
amsl = above mean sea level
S.U. = standard units
umhos/cm = micromhos per centimeter
mV = millivolts
deg C = degrees Celcius
mg/L = milligrams per liter

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TABLE 2-40

Multilevel Piezometer Field Data

Olin Corporation
Wilmington, MA Facility

MP-2 Port	Depth (feet)	Elevation (feet amsl)	pH (S.U.)	Specific Conductivity (umhos/cm)	Eh (mV)	Temperature (deg C)	Dissolved Oxygen (mg/L)
17	5.5	78.64	5.93	1,719	-12.8	11.9	0.31
16	8	76.14	5.86	1,309	-76.5	11.3	
15	10.5	73.64	5.43	1,730	51.8	11.2	0.27
14	12	72.14	5.297	737	91	10.7	
13	13.5	70.64	5.11	699	92.3	11	0.24
12	15	69.14	5.181	330	-77.3	10.7	
11	17.5	66.64	4.88	387	116	11.7	0.2
10	20	64.14	4.91	402	177.3	11.8	0.21
9	22.5	61.64	4.9	423	193.9	13.1	0.28
8	24	60.14	4.87	443	213.8	12.2	0.22
7	25.5	58.64	5.02	693	198.9	12.4	0.22
6	27	57.14	4.3	6,040	107.7	12.6	0.25
4	30	54.14	3.69	74,000	209	13.6	0.41
3	32.5	51.64	3.5	87,500	261.9	12.6	0.4
2	35	49.14	3.46	96,300	263.2	12.3	0.22
1	37.5	46.64	3.39	102,600	248.1	12.5	0.29

Notes:
amsl = above mean sea level
S.U. = standard units
umhos/cm = micromhos per centimeter
mV = millivolts
deg C = degrees Celcius
mg/L = milligrams per liter

US EPA ARCHIVE DOCUMENT

TABLE 2-40

Multilevel Piezometer Field Data

Olin Corporation
Wilmington, MA Facility

MP-3 Port	Depth (feet)	Elevation (feet amsl)	pH (S.U.)	Specific Conductivity (umhos/cm)	Eh (mV)	Temperature (deg C)	Dissolved Oxygen (mg/L)
21	13.5	77	6.61	334	133.8	10.4	2.59
20	15	75.5	6.06	408	126.6	10.5	
19	16.5	74	6.1	688	122.2	10.7	0.79
18	18	72.5	6.08	368	149.6	11.1	
17	21.5	69	6.45	287	143.6	11.7	2.16
16	25	65.5	6.304	288	151.1	11.7	
15	28.5	62	6.07	405	165.8	12.5	0.27
14	32	58.5	6.11	300	162.1	12.6	0.22
13	34.5	56	5.636	282	176	11.2	
12	36	54.5	6.09	375	170.2	11.6	0.28
11	37.5	53	5.69	561	199.7	11	
10	39	51.5	5.68	925	194.2	11.2	0.03
9	40.5	50	5.21	1,183	225.9	10.8	
8	42	48.5	5.15	2,310	162.3	10.9	0.29
7	43.5	47	4.56	11,650	171.3	11.1	0.35
6	45	45.5	4.43	15,410	239.8	11.6	0.23
5	47.5	43	4.27	19,080	220.7	11.3	0.24
4	51	39.5	4.05	25,800	170.6	12.2	0.62
3	55.5	35	3.8	27,400	287.4	12.8	1.66
2	60	30.5	3.71	60,600	249.7	11.5	0.2
1	65.5	25	3.75	51,000	218.3	14.1	0.43

Notes:
amsl = above mean sea level
S.U. = standard units
umhos/cm = micromhos per centimeter
mV = millivolts
deg C = degrees Celcius
mg/L = milligrams per liter

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TABLE 2-41

Field Hach Analysis Results

Olin Corporation
Wilmington, MA Facility

MP-1 Port	Depth (feet)	Elevation (feet amsl)	Total Iron	Ferrous Iron	Percent Ferrous Iron	Ferric Iron	Hexavalent Chromium
18	5	79.9	< 0.01	< 0.01		< 0.01	< 0.00
17	7.5	77.4	< 0.01	< 0.01		< 0.01	< 0.00
16	10	74.9	< 0.01	< 0.01		< 0.01	< 0.00
14	14	70.9	0.47	0.06	12.77%	0.41	< 0.00
13	15.5	69.4	< 0.01	< 0.01		< 0.01	< 0.00
12	17	67.9	< 0.01	< 0.01		< 0.01	< 0.00
11	18.5	66.4	< 0.01	< 0.01		< 0.01	< 0.00
10	20	64.9	< 0.01	< 0.01		< 0.01	< 0.00
8	23	61.9	< 0.01	< 0.01		< 0.01	< 0.00
7	24.5	60.4	< 0.01	< 0.01		< 0.01	< 0.00
6	26	58.9	0.65	0.30	46.15%	0.35	< 0.00
5	27.5	57.4	6.3	6.8	107.94%	< 0.01	< 0.00
4	30	54.9	196	195	99.49%	1.00	< 0.00
3	32.5	52.4	1980	1880	94.95%	100	< 0.00
2	35	49.9	2490	2150	86.35%	340	< 0.00
1	37.5	47.4	3400	2700	79.41%	700	< 0.00

Notes:
amsl = above mean sea level
Concentrations in milligrams per liter

US EPA ARCHIVE DOCUMENT

TABLE 2-41

Field Hach Analysis Results

Olin Corporation
Wilmington, MA Facility

MP-2 Port	Depth (feet)	Elevation (feet amsl)	Total Iron	Ferrous Iron	Percent Ferrous Iron	Ferric Iron	Hexavalent Chromium
17	5.5	78.64	18	36	200.00%	< 0.01	< 0.00
16	8	76.14	18.5	12.2	65.95%	6.30	< 0.00
15	10.5	73.64	10.6	6.9	65.09%	3.70	< 0.00
14	12	72.14	6.2	6.0	96.77%	0.20	< 0.00
13	13.5	70.64	4.2	3.7	88.10%	0.50	< 0.00
12	15	69.14	3.4	2.9	85.29%	0.50	< 0.00
11	17.5	66.64	4.1	3.8	92.68%	0.30	< 0.00
10	20	64.14	2.0	1.8	90.00%	0.20	< 0.00
9	22.5	61.64	2.0	1.9	95.00%	0.10	< 0.00
8	24	60.14	1.6	1.4	87.50%	0.20	< 0.00
7	25.5	58.64	1.67	1.62	97.01%	0.05	< 0.00
6	27	57.14	60	36	60.00%	24	< 0.00
4	30	54.14	3200	2930	91.56%	270	< 0.00
3	32.5	51.64	1410	1000	70.92%	410	< 0.00
2	35	49.14	1260	1190	94.44%	70	< 0.00
1	37.5	46.64	2100	900	42.86%	1200	< 0.00

Notes:
amsl = above mean sea level
Concentrations in milligrams per liter

US EPA ARCHIVE DOCUMENT

TABLE 2-41

Field Hach Analysis Results

Olin Corporation
Wilmington, MA Facility

MP-3 Port	Depth (feet)	Elevation (feet amsl)	Total Iron	Ferrous Iron	Percent Ferrous Iron	Ferric Iron	Hexavalent Chromium
21	13.5	77	0.01	< 0.01		0.01	< 0.00
20	15	75.5	0.07	0.06	85.71%	0.01	< 0.00
19	16.5	74	0.30	0.26	86.67%	0.04	< 0.00
18	18	72.5	0.01	< 0.01		0.01	< 0.00
17	21.5	69	< 0.01	< 0.01		< 0.01	< 0.00
16	25	65.5	< 0.01	< 0.01		< 0.01	< 0.00
15	28.5	62	< 0.01	< 0.01		< 0.01	< 0.00
14	32	58.5	< 0.01	< 0.01		< 0.01	< 0.00
13	34.5	56	0.03	0.02	66.67%	0.01	< 0.00
12	36	54.5	< 0.01	< 0.01		< 0.01	< 0.00
11	37.5	53	< 0.01	< 0.01		< 0.01	< 0.00
10	39	51.5	< 0.01	< 0.01		< 0.01	< 0.00
9	40.5	50	0.13	0.09	69.23%	0.04	< 0.00
8	42	48.5	1.09	1.00	91.74%	0.09	< 0.00
7	43.5	47	11.2	10.9	97.32%	0.30	< 0.00
6	45	45.5	11.0	11.1	100.91%	< 0.01	< 0.00
5	47.5	43	21.8	20.1	92.20%	1.70	< 0.00
4	51	39.5	70	66	94.29%	4.00	< 0.00
3	55.5	35	580	510	87.93%	70	< 0.00
2	60	30.5	1610	1230	76.40%	380	< 0.00
1	65.5	25	1900	1620	85.26%	280	< 0.00

Notes:
amsl = above mean sea level
Concentrations in milligrams per liter

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TABLE 2-42

Measured Groundwater Elevation in Multilevel Piezometers, May 1996

Olin Corporation
Wilmington, MA Facility

Piezometer	Port	Elevation of Port (feet amsl)	Water Elevation (feet amsl)	Specific Gravity (g/mL)	Corrected Water Elevation (feet amsl)
MP-1	3	52.4	80.66	1.02	81.22
MP-1	13	69.4	81.27	1.00	81.27
MP-1	17	77.4	81.31	0.997	81.29
MP-2	2	49.14	78.82	1.08	81.20
MP-2	10	64.14	81.06	1.00	81.06
MP-2	16	76.14	81.06	1.00	81.06
MP-3	2	30.5	79.43	1.07	82.86
MP-3	13	56.0	80.69	1.00	80.69
MP-3	19	74.0	80.73	1.00	80.73

Notes:
amsl = above mean sea level
g/mL = grams per milliliter

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Table 2-43 Summary of Detections - 1995 Laboratory Analytical Results for Ditch System Surface Water (units in mg/L).

Location	Date	Al	As	Ba	Br	Ca	Cl	Cr	Cr (VI)	Fe	Mg	Mn	NO_2^-	NO_3^-	NH_4^+	K	Na	SO_4^{-2}	S^{2}
SW-11	Feb-95	0.23	<0.005	0.057	2.3	31	66	<0.015	<0.015	4.3	4.8	0.35	<0.05	0.33	35	3	72	200	<1
	May-95	<0.10	<0.005	0.013	<1	15	82	<0.015	<0.015	0.52	2.7	0.098	<0.05	0.53	7	2.0	60	55	<1
	Jul-95	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
	Oct-95	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
SW-12	Feb-95	<0.10	<0.005	0.017	2	15	79	<0.015	<0.015	0.59	2.1	0.16	<0.05	0.23	0.39	1.4	37	20	<1
	May-95	<0.10	<0.005	0.015	<1	13	69	<0.015	<0.015	0.80	2.1	0.062	<0.05	<0.05	0.09	1.7	37	11	<2
	Jul-95	0.22	<0.005	0.023	<1	28	190	<0.015	<0.015	nd	3.7	0.26	<0.05	0.46	1.3	2.4	160	52	<1
	Oct-95	0.31	0.010	0.022	<1	7.9	37	<0.015	<0.015	4.8	1.3	0.51	<0.05	0.58	<0.05	4.7	27	25	<1
SW-14	Feb-95	0.11	<0.005	0.01	2	20	40	<0.015	<0.015	1.3	1.9	0.18	<0.05	0.38	0.12	1.1	31	28	<1
	May-95	<0.10	<0.005	0.011	<1	20	88	<0.015	<0.015	0.46	2.8	0.059	<0.05	0.77	1.7	1.7	70	46	<1
	Jul-95	<0.10	<0.005	0.022	<1	40	180	<0.015	<0.015	0.36	3.3	0.094	0.063	2.1	1.1	2.5	160	54	<1
	Oct-95	<0.10	<0.005	0.009	<1	9.7	72	<0.015	<0.015	0.25	0.81	0.013	<0.2	0.41	0.08	3	59	28	<1
SW-15	Feb-95	<0.10	<0.005	0.015	2	30	130	<0.015	<0.015	0.12	2.9	0.24	<0.05	2.8	15	1.8	110	160	<2
	May-95	<0.10	<0.005	0.016	<1	50	120	<0.015	<0.015	0.081	4.2	0.24	<0.05	2.8	28	1.8	120	270	<2
	Jul-95	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
	Oct-95	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
SW-16	Feb-95	2.4	<0.005	0.028	2.4	290	67	0.035	<0.015	0.15	4.8	0.39	<0.05	11	48	2.4	77	870	<1
	May-95	<0.10	<0.005	0.016	<1	250	69	<0.015	<0.015	0.048	5.4	0.25	<0.05	6.7	58	2.6	66	870	3
	Jul-95	<0.10	<0.005	0.024	<1	280	82	<0.015	<0.015	0.14	5.7	0.14	<0.05	2.3	72	2.9	90	990	9
	Oct-95	<0.10	<0.005	0.021	<10	290	78	<0.015	<0.015	<0.02	5.9	0.42	<0.05	4.2	97	3.8	93	1000	<1
SW-17	Feb-95	<0.10	<0.005	0.016	2	25	160	<0.015	<0.015	0.38	2.6	0.19	<0.05	2.5	12	1.6	110	140	<1
	May-95	<0.10	<0.005	0.013	<1	32	100	<0.015	<0.015	0.091	3.9	0.089	<0.05	2.2	25	1.8	82	190	<1
	Jul-95	<0.10	<0.005	0.043	<1	130	150	<0.015	<0.015	0.48	8.5	0.38	0.056	0.68	150	3.0	130	650	<2
	Oct-95	0.14	0.009	0.047	10	120	160	0.017	<0.015	4.1	7.1	0.80	<0.05	6.7	170	4.6	150	510	<1
Detection Limits		0.10	0.005	0.005	1.0	0.05	2.0	0.015	0.015	0.025	0.05	0.005	0.05	0.05	0.05	1.0	0.10		1.0

ns - no sample collected.

Elements BDL or not analyzed for during 1995 due to non-detects in previous sampling: Sb, Be, Cd, Co, Cu, Hg, Ni, PO4, Pb, Se, Ag, Th, V, Zn.

Table 2-44 Summary of 1995 Field Analytical Results for Ditch System Surface Water.

Location	Date Sampled	pH (s.u.)	Eh (mV)	alkalinity (mg/L)	DO (mg/L)	Fe(II) (mg/L)	Total Fe (mg/L)	Fe(III)[1] (mg/L)	SC (umhos)
SW-11	Feb-95	5.86	-5	103	7.5	ns	ns	ns	696
	May-95	6.02	321	36.5	10.9	0.03	0.66	0.63	490
	Jul-95	ns	ns	ns	ns	ns	ns	ns	ns
	Oct-95	ns	ns	ns	ns	ns	ns	ns	ns
SW-12	Feb-95	5.42	156	28	5.8	ns	ns	ns	354
	May-95	5.85	281	20	11.4	0.17	1.2	1.03	305
	Jul-95	6.62	120	83.5	0	0.65	1.1	0.45	892
	Oct-95	5.31	389	4	0	0.26	1	0.74	196
SW-14	Feb-95	5.48	-110	47	3.9	ns	ns	ns	276
	May-95	5.99	350	43	11.4	0.03	0.39	0.36	512
	Jul-95	7.3	4	101	8.7	0.29	0.01	na	886
	Oct-95	6.27	352	36	7.6	0.08	0.29	0.21	391
SW-15	Feb-95	6.4	96	64	ns	ns	ns	ns	816
	May-95	6.37	366	54.5	7.9	0.81	0.83	0.02	1190
	Jul-95	ns	ns	ns	ns	ns	ns	ns	ns
	Oct-95	ns	ns	ns	ns	ns	ns	ns	ns
SW-16	Feb-95	5.05	150	12	6.1	ns	ns	ns	1814
	May-95	6.32	383	20.9	10.3	0.02	0.01	na	2060
	Jul-95	7.12	345	1900	12.4	0.54	0.17	na	2130
	Oct-95	6.1	324	13	7.6	8.15	16.4	8.25	2120
SW-17	Feb-95	6.41	49	76	8.6	ns	ns	ns	749
	May-95	6.54	325	65.5	7.1	0.01	0.13	0.12	980
	Jul-95	7.35	258	264	0.8	0.07	0.48	0.41	2440
	Oct-95	6.67	371	192	ns	1.26	1.5	0.24	1990
Detection limits					0.1	0.01	0.01		

ns- not sampled.
na- not applicable.
1-Fe(III) by difference.

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Table 2-45 Summary of Detections - 1995 Laboratory Analytical Results for Ditch System Shallow Groundwater (all units in mg/L).

Location	Date	Al	As	Ba	Ca	Cl	Cr	Cr (VI)	Fe	Mg	Mn	NO_2^-	NO_3^-	NH_4^+	K	Na	SO_4^{-2}	S^{-2}
GW-42s	Feb-95	0.44	<0.005	0.029	7.9	49	<0.015	<0.015	3	1.7	0.43	<0.05	<0.05	4.3	1.4	22	15	<1
	May-95	0.47	<0.005	0.029	8.1	45	<0.015	<0.015	4.2	2.1	0.38	<0.05	<0.05	3.9	1.3	18	8.6	3
	Jul-95	0.55	<0.005	0.044	7.1	98	<0.015	<0.015	20	2.4	1.2	<0.05	0.078	8.7	1.8	44	6	<1
	Oct-95	0.38	<0.005	0.031	4.7	89	<0.015	<0.015	15	1.6	0.85	<0.05	<0.05	5	3	45	6	<2
GW-50s	Feb-95	<0.1	<0.005	0.017	200	250	<0.015	<0.015	<0.02	37	5.6	<0.05	4.3	110	10	310	1100	<1
	May-95	<0.1	<0.005	0.013	150	280	<0.015	<0.015	0.032	34	4.1	<0.05	5.7	140	11	310	1200	<1
	Jul-95	0.044	<0.005	0.009	61	140	<0.015	<0.015	<0.02	13	1.5	<0.05	5.4	86	6.2	170	560	<2
	Oct-95	<0.1	<0.005	0.015	12	75	<0.015	<0.015	0.068	2.8	0.37	<0.05	0.82	68	3.1	74	200	<1
GW-76s	Feb-95	<0.1	<0.005	0.045	27	60	0.026	<0.015	1.3	2.2	0.45	0.058	4.7	2.3	0.89	50	51	44
	May-95	<0.1	<0.005	0.025	20	25	<0.015	<0.015	0.036	1.7	0.26	<0.05	2.4	22	0.83	36	140	3
	Jul-95	<0.1	<0.005	0.065	14	91	<0.015	<0.015	0.98	1.6	0.34	<0.05	0.14	14	0.90	56	38	<1
	Oct-95	<0.1	<0.005	0.16	65	34	<0.015	<0.015	0.19	6.0	0.55	<0.05	1.3	92	3	50	350	<1
GW-77s	Feb-95	0.2	<0.005	0.018	27	52	0.029	<0.015	0.59	3.4	0.3	<0.05	0.7	0.4	1.6	32	35	<2
	May-95	<0.1	<0.005	0.015	28	47	0.038	<0.015	0.29	4.2	0.20	<0.05	0.71	0.32	1.9	27	36	<1
	Jul-95	1.4	<0.005	0.019	27	45	0.023	<0.015	0.88	3.3	0.24	<0.05	0.59	0.44	2.3	34	33	<1
	Oct-95	0.20	<0.005	0.015	27	50	0.028	<0.015	0.33	3.0	0.21	<0.05	0.37	0.31	3	35	35	6
GW-78s	Feb-95	0.4	<0.005	0.01	110	49	0.13	<0.015	4	4.6	1.1	<0.05	<0.05	45	1.6	43	470	<1
	May-95	0.28	<0.005	0.015	75	24	0.097	<0.015	3.4	3.4	0.68	<0.05	<0.05	52	1.9	26	370	<2
	Jul-95	0.65	<0.005	0.013	88	36	0.088	0.35	9.2	3.6	0.71	<0.05	0.056	39	2.5	34	370	<1
	Oct-95	1.1	0.008	0.016	160	83	0.22	<0.015	5.9	5.9	0.93	<0.05	<0.05	80	3	64	610	<2
GW-79s	Feb-95	<0.1	<0.005	0.016	320	330	0.017	<0.015	39	19	2.9	<0.05	3.1	220	8.7	350	1900	<2
	May-95	<0.1	<0.005	0.011	350	280	<0.015	<0.015	28	18	2.0	<0.05	3.1	250	6.7	310	1900	3
	Jul-95	0.32	<0.005	0.014	380	240	0.023	<0.015	6.7	13	1.2	0.063	8.5	310	6.1	320	2000	<2
	Oct-95	<0.1	<0.005	0.018	420	230	<0.015	<0.015	9.9	13	1.5	<0.05	2.3	380	7	310	2000	<1
Detection Limits		0.10	0.005	0.005	0.05	2.0	0.015	0.015	0.025	0.05	0.005	0.05	0.05	0.1	1.0	0.10	1	1

Elements BDL or not analyzed for during 1995 due to non-detects in previous sampling: Sb, Br, Be, Cd, Co, Cu, Hg, Ni, PO4, Pb, Se, Ag, Th, V, Zn.

Table 2-46 Summary of 1995 Field Analytical Results for Ditch System Shallow Groundwater.

Location	Date Sampled	pH	Eh (mV)	alkalinity (mg/L)	DO (mg/L)	Cr(VI) (mg/L)	Fe(II)[1] (mg/L)	Fe(III)[1] (mg/L)	Total Fe* (mg/L)	SC (umhos)
GW-42S	Feb-95	4.66	-146	26	1.2	ns	3.52	0.37	3.89	226
	May-95	4.73	196	15.5	0.2	0	2.05	1.9	3.95	221
	Jul-95	5.24	9	-	0	ns	11.2	11.7	22.9	427
	Oct-95	4.95	2	25	0	ns	15	1.2	16.2	351
GW-50S	Feb-95	5.84	248	47	3.8	0	0.01	0.01	0.02	3046
	May-95	5.45	331	110	0.4	0	0.03	0.01	0.04	3440
	Jul-95	6.02	423	45	0	ns	0.04	0.04	0.08	1950
	Oct-95	6.02	399	54	0.1	ns	0.02	0.08	0.01	912
GW-76S	Feb-95	6.03	160	75	2.4	ns	-	-	-	615
	May-95	5.08	206	65.5	1.1	0	0.04	-	0.02	558
	Jul-95	6.08	290	34	0	ns	0.48	0.08	0.56	513
	Oct-95	6.03	436	103	0.5	ns	0.09	0.02	0.11	1030
GW-77S	Feb-95	5.35	-62	64	0.9	ns	-	-	-	349
	May-95	5.37	279	0.76	0.6	0.04	0	0	0	355
	Jul-95	6.03	64	47	0	ns	0.61	0.03	0.64	337
	Oct-95	5.78	343	36	0.2	ns	0.05	0.01	0.06	348
GW-78S	Feb-95	5.2	-49	-	3.8	ns	-	-	-	1051
	May-95	5.27	331	39	1.9	0	1.99	1.04	3.03	1010
	Jul-95	5.48	316	27	0	ns	8.7	3.1	11.8	1071
	Oct-95	5.38	314	29	1.7	ns	10.8	1.7	12.5	1540
GW-79S	Feb-95	6.26	-138	159	1.2	ns	-	-	-	4710
	May-95	6.21	237	152	0.3	0.01	1.77	24.03	25.8	4840
	Jul-95	6.52	215	235	0	ns	2.5	0	2.5	5320
	Oct-95	6.38	301	190	0.2	ns	10.25	1.85	12.1	4650
Detection Limits					0.01	0.01	0.01	n.a.	0.01	

n.a.= not applicable

[1]Field Iron

*Total iron from sum of Fe^{+2} and Fe^{+3}.

Data from filtered (0.45um) samples.

ns=not sampled

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Table 2-47Chemistry of 1996 South Ditch Surface Water Samples.

Parameter	SD-1 (mg/L)	SD-2 (mg/L)	SD-3 (mg/L)	SD-4 (mg/L)
Aluminum	**0.24**	**0.26**	**0.24**	**0.24**
Antimony	<0.008	<0.008	<0.008	<0.008
Arsenic	<0.008	<0.008	<0.008	<0.008
Barium	**0.042**	**0.043**	**0.035**	**0.037**
Beryllium	<0.005	<0.005	<0.005	<0.005
Cadmium	<0.01	<0.01	<0.01	<0.01
Calcium	**27**	**30**	**30**	**32**
Chromium (Hexavalent)	<0.01	<0.01	<0.01	<0.01
Chromium (Total)	<0.015	<0.015	<0.015	<0.015
Cobalt	<0.03	<0.03	<0.03	<0.03
Copper	<0.025	<0.025	<0.025	<0.025
Iron	**0.28**	**0.27**	**0.12**	**0.094**
Lead	<0.005	<0.005	<0.005	<0.005
Magnesium	**2.7**	**2.8**	**2.7**	**2.7**
Manganese	**0.27**	**0.28**	**0.27**	**0.30**
Mercury	<0.2	<0.2	<0.2	<0.2
Nickel	<0.04	<0.04	<0.04	<0.04
Potassium	**1.8**	**2.2**	**1.7**	**2.0**
Selenium	<0.01	<0.01	<0.01	<0.01
Silver	<0.015	<0.015	<0.015	<0.015
Sodium	**57**	**58**	**58**	**55**
Thallium	<0.015	<0.015	<0.015	<0.015
Vanadium	<0.025	<0.025	<0.025	<0.025
Zinc	**0.044**	**0.044**	**0.034**	**0.037**
Chloride	**77**	**75**	**80**	**73**
Nitrate+Nitrite as N	**1.2**	**1.3**	**1.7**	**2.1**
Sulfate	**110**	**120**	**130**	**130**

< less than detection limit

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Table 2-48 Total (unfiltered) and Dissolved (filtered) Chromium in Paired Surface Water and Groundwater Locations (1995).

Surface Water Location	Date	Cr (total) (mg/l)	Cr (filtered) (mg/l)	Groundwater Location	Cr (total) (mg/l)	Cr (dissolved) (mg/l)
SW-11	Feb. '95	<0.015	<0.015	GW-76-S	**0.04**	<0.015
	May '95	<0.015	<0.015		<0.015	<0.015
	July '95	ns	ns		<0.015	<0.015
	Oct. '95	ns	ns		**0.025**	<0.015
SW-12	Feb. '95	<0.015	<0.015	GW-42-S	<0.015	<0.015
	May '95	<0.015	<0.015		<0.015	<0.015
	July '95	<0.015	<0.015		<0.015	<0.015
	Oct. '95	<0.015	<0.015		<0.015	<0.015
SW-14	Feb. '95	<0.015	<0.015	GW-77-S	**0.033**	**0.029**
	May '95	<0.015	<0.015		**0.039**	**0.038**
	July '95	<0.015	<0.015		**0.054**	**0.023**
	Oct. '95	<0.015	<0.015		**0.037**	**0.028**
SW-15	Feb. '95	<0.015	<0.015	GW-50-S	<0.015	<0.015
	May '95	**0.023**	**0.015**		<0.015	<0.015
	July '95	ns	ns		<0.015	<0.015
	Oct. '95	ns	ns		<0.015	<0.015
SW-16	Feb. '95	**0.042**	**0.035**	GW-79-S	**0.45**	**0.017**
	May '95	<0.015	<0.015		**0.02**	<0.015
	July '95	<0.015	<0.015		<0.015	**0.023**
	Oct. '95	<0.015	<0.015		**0.019**	<0.015
SW-17	Feb. '95	<0.015	<0.015	GW-78-S	**1.9**	**0.13**
	May '95	<0.015	<0.015		**0.89**	**0.097**
	July '95	<0.015	<0.015		**0.37**	**0.088**
	Oct. '95	**0.016**	**0.017**		**0.25**	**0.22**

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Table 2-49 Chemistry of South Ditch Central Pond (SW-16) (Sampled April 1996).

Parameter (filtered)	Value (mg/L)	Parameter (unfiltered)	Value (mg/L)
Aluminum, Dissolved	<0.10	Aluminum, Total	**0.84**
Antimony, Dissolved	<0.008	Antimony, Total	<0.008
Arsenic, Dissolved	<0.008	Arsenic, Total	<0.008
Barium, Dissolved	**0.020**	Barium, Total	**0.020**
Beryllium, Dissolved	**0.005**	Beryllium, Total	<0.005
Cadmium, Dissolved	<0.10	Cadmium, Total	<0.01
Calcium, Dissolved	**190**	Calcium, Total	**190**
Chromium, Dissolved	<0.015	Chromium, Total	**0.020**
Cobalt, Dissolved	<0.030	Cobalt, Total	<0.03
Copper, Dissolved	<0.025	Copper, Total	<0.025
Iron, Dissolved	<0.025	Iron, Total	**0.082**
Lead, Dissolved	<0.005	Lead, Total	<0.005
Magnesium, Dissolved	**3.3**	Magnesium, Total	**3.1**
Manganese, Dissolved	**0.24**	Manganese, Total	**0.23**
Mercury, Dissolved	<0.20	Mercury, Total	<0.2
Nickel, Dissolved	<0.04	Nickel, Total	<0.04
Potassium, Dissolved	**2.0**	Potassium, Total	**2.0**
Selenium, Dissolved	<0.01	Selenium, Total	<0.01
Silver, Dissolved	<0.015	Silver, Total	<0.015
Sodium, Dissolved	**46**	Sodium, Total	**46**
Thallium, Dissolved	<0.015	Thallium, Total	<0.015
Vanadium, Dissolved	<0.025	Vanadium, Total	<0.025
Zinc, Dissolved	<0.025	Zinc, Total	**0.025**
Chromium, Hexavalent	<0.01		
Chloride, Dissolved	**42**		
Nitrate+Nitrite as N	**6.8**		
Sulfate, Dissolved	**630**		

< less than detection limit

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Table 2-50 Chemistry of Flocculent from Off-Property West Ditch and South Ditch Locations (Units in mg/kg).

Parameter	WF-1	RP-1	SED-11,17
Aluminum	77,000	70,000 (53,000)*	31,000
Antimony	<60	<50	na
Arsenic	<60	<50	54
Barium	4600	32	74
Beryllium	6.1	6.7	na
Cadmium	<1.2	2.8	na
Calcium	2700	950	10,000
Chromium	2500	35,000 (26,000)*	2800
Cobalt	<3.6	15	na
Copper	25	270	na
Iron	26,000	180,000 (130,000)*	120,000
Lead	<24	<190	66
Magnesium	380	1100	1900
Manganese	46	85	210
Nickel	8.8	18	na
Potassium	2800	560	2300
Silicon	1200	6200	810
Silver	<1.8	<1.5	<950
Sodium	8700	400	3000
Vanadium	11	81	na
Zinc	3400	110	3300
Chloride	ISV	210	na
Sulfate	ISV	740	na

ISV: Not Analyzed (inadequate sample volume).
*duplicate analysis
na- analysis not requested.

Table 2-51 Chromium Concentrations In Flocculent Collected From South Ditch in April 1996.

Sample	Total Chromium (mg/kg)
Floc - 1	19,000
Floc - 2	7400
Floc - 3	18,000
Floc - 4	930
Floc - 5	5200

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Table 2-52 PHREEQC Saturation Indices* and Calculated Precipitated Mass from Surface Water/Groundwater Mixing. (all units in terms of mass per liter of mixed fluid)

	Phase						
Sample Locations	$Cr(OH)_{3(am)}$	$Fe(OH)_3$ ferrihydrite	$Al(OH)_{3(am)}$	$Al(OH)_3$ (Gibbsite)	$Al_4(OH)_{10}SO_4$ (Basaluminite)	$AlOHSO_4$ (Jubanite)	$BaSO_4$ (Barite)
SW-12	nd	1.69	nd	nd	nd	nd	nd
GW-42s	nd	1.07	-2.4	-0.6	0.14	-1.27	-0.7
1:1 Mix	nd	0.73	-2.8	-1.1	-2.66**	-1.7	-1
Precipitated phase (moles)		**4.28E-05**			**1.17E-06**		
Precipitated phase (mg)		**4.6**			**0.4**		
Adsorbed Phases (mg)	Ba:	3.10E-05					
	Ca:	0.0074					
	Mn:	0.0012					
	SO4:	1.9					
Total Flocculent mass*** (mg)		**6.9**					
SW-14	nd	1.52	nd	nd	nd	nd	-0.7
GW-77s	-0.07	0.53	-0.5	1.2	3.9	-1.5	nd
1:1 Mix	-12	1.4	-1.1	0.7	2.8	-2	-1
Precipitated phase (moles)		5.20E-06		**3.30E-06**			
Precipitated phase (mg)		**0.6**		**0.26**			
Adsorbed Phase (mg)	Ba:	8.40E-05					
	Ca:	0.13					
	Mn:	0.02					
	SO4:	0.4					
Total Flocculent Mass*** (mg)		**1.41**					
SW-17	0.7	2.4	-0.8	0.9	3.8	-2.1	0.86
GW-78s	-0.12	1.3	-0.6	1.1	6.3	0.5	nd
1:1 Mix	0.85	2.6	-0.2	1.6	6.9	-0.5	0.6
Precipitated phase (moles)	**1.90E-06**	**8.90E-05**			**5.60E-06**		**1.30E-07**
Precipitated phase (mg)	**0.2**	**9.5**			**2.1**		**0.03**
Adsorbed Phases (mg)	Ba:	1.20E-06					
	Ca:	0.08					
	Mn:	7.20E-04					
	SO4:	6.3					
Total Flocculent Mass*** (mg)		**11.8**					

Total mass of flocculent in SW-12/GW-42: **6.9 mg/L** of mixed fluid
Total mass of flocculent in SW-14/GW-77: **1.41 mg/L** of mixed fluid
Total mass of flocculent in SW-17/GW-78: **11.8 mg/L** of mixed fluid

Total mass of All flocculent produced: **20 mg/L** of mixed fluid

nd- analyte not detected so saturation indices not calculated.
*Saturation Indices > 0 indicate supersaturation; SI < 0 indicate undersaturation.
**Precipitation of basaluminite occurred after equilibration of solution with ferrihydrite and increase in solution pH.
***Total flocculent mass is the sum of all precipitated phases and adsorbed phases.

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TABLE 3-1

Monthly Precipitation at Butters Row Pump Station

Olin Corporation
Wilmington, MA Facility

	1992 (in/month)	1993 (in/month)	1994 (in/month)	1995 (in/month)	1996 (in/month)
January	3.00	2.00*	3.30*	4.10*	6.80*
February	2.15*	4.21*	3.00*	1.91*	3.30*
March	4.00*	4.10*	5.65*	1.88*	3.10*
April	2.70	nd	1.56	2.00	4.80*
May	3.40	0.63	5.65	2.60	2.97
June	2.85	1.70	0.84	2.31	1.32
July	2.63	2.10	2.65	2.50	6.50
August	5.60	1.80	4.75	0.90	1.55
September	3.30	5.50	5.20	2.80	6.32
October	2.11	5.05	0.50	6.10	12.10
November	3.97	2.80	3.86	5.85*	2.69
December	5.92*	5.66*	5.61	nd	5.55*
Total (in/yr)	41.63	>35.55	42.57	>32.95	57.00

Source: The Wilmington Water Department
* = Includes snowfall at 1" snow = 0.1 inches rainfall

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TABLE 3-2

Summary of Bedrock Characteristics

Olin Corporation
Wilmington, MA Facility

Description of Rock Types in Study Area	Observed Open Fracture Characteristics	Hydrogeologic Characteristics	Weathering/Alteration	Location of Bedrock Type (see Figure 2-3)
Andover Granite (ag) The composition and texture ranges from medium-grained granite to granitic mylonites with a groundmass of granulated and recrystallized quartz and feldspar or a mildly porphyroclastic texture consisting of fractured, and sericitized feldspar clasts in a groundmass of granulated quartz and feldspar.	Moderately to strongly fractured in upper 5 feet. Discrete fractures decrease with depth.	Water Yield: GW-65BR: > 1 gpm Recharge Rate: GW-65BR: 0.15 ft/min	At GW-65D, the feldspars making up the granitic mylonite have been altered to clays (kaolinization) and the mica has decomposed	The granitic mylonites were observed in the core from well GW-65D and in outcrops along Presidential Way, north of the site.
Gabbro-Diorite Normal (gdn) The normal gabbro-diorite has uniform, equigranular texture of mafic minerals and feldspar. The major consistuents of the gabbro-diorite are hornblende, biotite, and plagioclase feldspar. Where granitic veins or some degree of cataclasis are present, the rock exhibits mild foliation or banding.	Moderately to strongly fractured in most areas. Few fractures recorded at wells GW-3, GW-6, GW-27, GW-47, and GW-51. Mainly subvertical fractures, frequency decreases with depth.	Water Yield: BR-1: > 1 gpm Recharge Rate: BR-1: > 1 gpm	Slightly to moderate oxidation at GW-35 & GW-38. Slightly weathered at GW-47 and GW-51D.	Normal gabbro-diorites form the low-lying outcrops in the vicinity of the site including the outcrops north of the South Ditch and those exposed at the easterm boundary of the site near well cluster GW-51.
Gabbro-Diorite Cataclastic (GDC) The Cataclastic Gabbro-Diorites are similar to mylonites, but exhibit less developed granulation textures and features. In areas adjacent to fault zones, the cataclastic gabbro-diorite is altered to a hornblende-biotite schist with fractures parallel and normal to the foliation.	Moderately to strongly fractured in most areas. Mainly subvertical fractures, frequency decreases with depth.	Transmissivity GW-61D: 0.035 sqft/day	Hydrothermal alteration has filled most fractures with chlorite, sulfide minerals, hematite, and epidote. In areas near fault zones feldspars are sericitized.	On-property, the cataclastic gabbro-diorite forms the topographically lower terrain beneath the central portion of the site and the South Ditch. Off-property, the cataclastic gabbro-diorite underlies the gently sloping areas east and west of Main Street.

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TABLE 3-2

Summary of Bedrock Characteristics

Olin Corporation
Wilmington, MA Facility

Description of Rock Types in Study Area	Observed Open Fracture Characteristics	Hydrogeologic Characteristics	Weathering/Alteration	Location of Bedrock Type (see Figure 2-3)
Gabbro-Diorite Granite Intrusives (GDGI) Composistionally similar to the normal gabbro-diorite, but with alternating bands of mafic minerals and feldpar. In places with greater granitic veins the rock exhibits mild foliation.	Weakly to moderately fractured at GW-46D and GW-75D.		Slightly weathered fracture surfaces.	On-property, gabbro-diorite granite intrusives form the topographically higher terrain beneath the Calcium Sulfate Landfill. Offsite GDCI bedrock underlies the hills south and south west of the site, such as Cook Avenue and is exposed along Jewel Drive and Main Street.
Unidentified Mylonites (UM) Mylonites are generally fine-grained rocks that formed from coarser-grained rocks being crushed together (granulation). The two types of unidentified mylonites are: mafic and siliceous. **Mafic mylonites** formed from the gabbro-diorite and have a groundmass of cryptocrystalline calcite, feldspar, and mafic minerals that exhibit mildly porphyroclastic textures, strong fluxion structures, and mylonite banding. **Siliceous mylonites** originate from the volcaniclastics/arkosic rock are intensely deformed to a point where they are ultramylonites (minerals crushed together and altered). These rocks have a groundmass of cryptocrystalline calcite and feldspar that also exhibit mildly *porphyroclastic textures, strong fluxion* structures, and mylonite banding.	**Mafic mylonites** Moderately to strongly fractured, the fracture frequency greater in upper 10 feet of bedrock. Little fracturing at GW-40,42,and 81. silceous mylonites **Siliceous mylonites** Moderately to strongly fractured.	**Mafic mylonites** <u>Transmissitvity</u> GW-62BR= 2.3 sqft/day <u>Transmissivity</u> GW-68=0.76 sqft/day **Siliceous mylonites**	**Mafic mylonites** Slightly weathered bedrock surface at GW-40D. Most fractures filled with chlorite, sulfide minerals, and clay. Some open fractures present due to dissolution of calcite. **Siliceous mylonites** Weathering has created a thick weathered bedrock or saprolite on top of more competent bedrock. Fractures are filled with chlorite, sulfide minerals, and calcite. Some of open fractures due to dissolution of calcite.	**Mafic mylonites** Off-property, mafic mylonite underlies the area beween Jewel Drive and the Olin Site and the area along the eastern edge of the Maple Meadow Brook wetlands. **Siliceous mylonites** Thick weathered zones of a saprolite composed of chlorite-rich clayey silt were observed at wells GW-82, These mylonites occur within or adjacent to the Bloody Bluff Fault Zone beneath the Maple Meadow wetlands and its associated drainage system.

Source: Smith Technology Corporation. May 1995.
Conestoga-Rovers & Associates. June 1993. Comprehensive Site Assessment, Phase II Field Investigation Report, Olin Corporation, Wilmington, MA.

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TABLE 3-3

Summary of Groundwater Users

Olin Corporation
Wilmington, MA Facility

Owner/Location	Well Name	Type of Use	Formation	Depth or Open Interval	Average Pumping Rate
Olin Corporation	IW-11	remediation	S&G		12,000 gpd (1)
	IW-12	remediation	S&G		12,000 gpd (1)
	IW-13	remediation	S&G		12,000 gpd (1)
Altron, Inc.	B1	industrial	S&G	30 ft	190,000 gpd (2) permitted
	B3	industrial	S&G	20 to 25 ft	190,000 gpd (2) permitted
Town of Wilmington	Butters Row No. 1	municipal supply	S&G	39 to 52 ft	1 Mgd permitted
	Butters Row No. 2	municipal supply	S&G	36 to 46 ft	1 Mgd permitted
	Chestnut St No. 1	municipal supply	S&G	40 to 55 ft	1 Mgd (3) permitted
	Chestnut St No. 1A/2	municipal supply	S&G	40 to 55 ft	1 Mgd (3) permitted
	Town Park	municipal supply	S&G	39 ft	0.5 Mgd permitted
Map 24 Lot 54	na	domestic supply	Bedrock	375 ft	not measured
Map 24 Lot 63	na	domestic supply	Bedrock	680 ft	not measured
Map 24 Lot 64	na	domestic supply	Bedrock	unknown	not measured
Map 24 Lot 65	na	domestic supply	Bedrock	260 ft	not measured
Map 24 Lot 66	na	domestic supply	Bedrock	600 ft	not measured
Map 24 Lot 72A	na	domestic supply	Bedrock	600 ft	not measured
Map 24 Lot 87A	na	domestic supply	Bedrock	705 ft	not measured
Map 24 Lot 94	na	domestic supply	Bedrock	465 ft	not measured
Map 24 Lot 116	na	domestic supply	Bedrock	unknown	not measured
Map 24 Lot 117	na	domestic supply	Bedrock	unknown	not measured
Map 25 Lot 3	na	domestic supply	Bedrock	300 ft	not measured
Map 25 Lot 4	na	domestic supply	Bedrock	90 ft	not measured
Map 25 Lot 6	na	unused*	S&G	9 ft	none
Map 25 Lot 7	na	domestic supply*	S&G	17 ft	not measured
Map 26 Lot 7A	na	unused*	S&G	22 ft	none
Map 25 Lot 8	inside	domestic supply*	S&G	14 ft	not measured
Map 25 Lot 8	outside	irrigation*	S&G	20 ft	not measured
Map 25 Lot 9	na	unknown	S&G	unknown	not measured
Map 25 Lot 9	na	unknown	S&G	unknown	not measured
Map 25 Lot 11	na	unused*	S&G	7 ft	none
Map 25 Lot 12	na	unused	S&G	unknown	none

Information about domestic wells provided verbally by homeowners, where known; formation designation based on well depth or best estimate due to well location; for sources of information on other wells, see text.

(1), (2), and (3) represent combined totals for (1) the three interceptor wells (2) both Altron wells, and (3) the two Chestnut St wells.

* Wells abandoned in Spring 1997, as of June 6, 1997.

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TABLE 4-1

Soil Concentrations at Background Sample Locations - Summary Statistics

Olin Corporation
Wilmington, MA Facility

Analyte	Frequency of Detection	Minimum SQL	Maximum SQL	Minimum Detected Concentration	Maximum Detected Concentration	Median of all Samples*	MADEP Soil Background Value**
SVOC (ug/kg)							
Benzo(b)fluoranthene	2 / 7	330	430	58	62	60	NA
Fluoranthene	2 / 7	330	430	47	66	57	NA
Phenanthrene	1 / 7	330	430	43	43	43	NA
Pyrene	2 / 7	330	430	47	65	56	NA
Metals (mg/kg)							
Aluminum	2 / 2			6,100	7,900	7,000	13,000
Antimony	ND						1.4
Arsenic	2 / 2			6.2	7.1	6.7	17
Barium	2 / 2			11	22	17	45
Beryllium	ND						0.4
Cadmium	ND						2
Calcium	7 / 7			125	2,000	620	NA
Chromium	2 / 2			14	16	15	29
Cobalt	2 / 2			2.4	3.7	3.1	4.4
Copper	2 / 2			5.1	6.4	5.8	38
Iron	2 / 2			9,200	12,000	11,000	17,000
Lead	1 / 2	10	10	11	11	8	99
Magnesium	2 / 2			2,400	3,000	2,700	4,900
Manganese	2 / 2			100	150	125	300
Mercury	ND						0.3
Nickel	2 / 2			5.5	6.5	6	17
Potassium	7 / 7			120	1,400	260	NA
Selenium	ND						0.5
Silver	ND						0.6
Sodium	7 / 7			22.5	130	29	NA
Thallium	ND						0.6
Vanadium	2 / 2			12	16	14	29
Zinc	2 / 2			16	21	19	116

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TABLE 4-1

Soil Concentrations at Background Sample Locations - Summary Statistics

Olin Corporation
Wilmington, MA Facility

Analyte	Frequency of Detection	Minimum SQL	Maximum SQL	Minimum Detected Concentration	Maximum Detected Concentration	Median of all Samples*	MADEP Soil Background Value**
Wet Chemistry (mg/kg)							
Nitrogen-Ammonia as N	4 / 5	8	8	17	37	26	NA
Sulfate	1 / 5	20	80	30	30	< 40	NA

Duplicate samples were averaged with their original samples prior to calculation of statistics.
* For PAHs, the median was determined from detected concentrations only, due to the high reporting limits and low frequencies of detection.
** Background soil concentrations for non-urban locations published by MADEP (1995), which represent the 90th percentile values from the collected data set. These values are presented as background concentrations because site-specific background samples may not be sufficient for conducting statistical analyses. If number of samples is greater than or equal to 5, site-specific background information is used, if available.
ND = Not detected above the reporting limit in any samples.
NA = Not applicable/Not available
SQL = Sample quantitation limit
ug/kg = micrograms per kilogram
mg/kg = milligrams per kilogram
Source: ABB Environmental Services Inc. - Appendices R and S

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TABLE 4-2

Surface Water Concentrations at Background Sample Locations - Summary Statistics

Olin Corporation
Wilmington, MA Facility

Analyte	Frequency of Detection*	Minimum SQL	Maximum SQL	Minimum Detected Concentration	Maximum Detected Concentration	Median of all Samples **
VOC (ug/l)						
1,1,1-Trichloroethane	1 / 5	5	5	4	4	<5
Tetrachloroethene	1 / 5	5	5	4	4	<5
Toluene	1 / 5	5	5	13	13	<5
Xylene	1 / 5	5	5	19	19	<5
Metals (mg/l)						
Aluminum	1 / 5	0.1	0.1	0.37	0.37	<0.1
Barium	5 / 5			0.01	0.034	0.018
Calcium	5 / 5			9.9	28	18
Iron	5 / 5			0.16	1.8	0.235
Magnesium	5 / 5			2.1	3.4	2.7
Manganese	5 / 5			0.01	0.1	0.042
Potassium	5 / 5			1.2	3.3	2.4
Sodium	5 / 5			32	58	44
Zinc	2 / 5	0.025	0.025	0.031	0.048	<0.025
Wet Chemistry (mg/l)						
Chloride	4 / 4			68	110	71
Hardness, CaCO3	4 / 4			35	87	56
Solids - Filterable Residue	4 / 4			150	280	180
Sulfate	4 / 4			19	24	21

Duplicate samples were averaged with their original samples prior to calculation of statistics.

* Nine additional surface water samples (SW005XXBKX through SW013XXBKX) were collected and analyzed for pesticides only; however, no pesticides were detected in these background samples.

** The median represents the median value of all sample results, including non-detects, for which the reporting limit was used as the concentration value for non-detects.

SQL = sample quantitation limit

ug/l = micrograms per liter

mg/l = milligrams per liter

Source: ABB Environmental Services Inc. - Appendices R and S

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TABLE 4-3

Sediment Concentrations at Background Sample Locations - Summary Statistics

Olin Corporation
Wilmington, MA Facility

Analyte	Frequency of Detection	Range of SQLs	Minimum Detected Concentration	Maximum Detected Concentration	Median of all Samples*
VOCs (ug/kg)					
1,1,1-Trichloroethane	2/5	9 - 15	8.8	19	<14
2-Butanone	1/5	27 - 44	130	130	<42
Acetone	2/5	27 - 44	11	190	<42
Methylene Chloride	2/5	23 - 29	12	13	<23
Tetrachloroethene	4/5	12 - 12	6	25	12
Xylene	2/5	12 - 29	4	9	<12
SVOCs (ug/kg)					
Benzo(a)Pyrene	1/4	530 - 960	420	420	<668
Benzo(b)fluoranthene	1/4	530 - 790	750	750	572
Chrysene	1/4	530 - 790	510	510	<960
Fluoranthene	1/4	530 - 790	860	860	<668
Pyrene	1/4	530 - 790	750	750	<668
bis(2-ethylhexyl)phthalate	3/5	760 - 960	315	2,000	572
Pesticides (ug/kg)					
4,4'-DDD	10/14	5 - 9.6	2.8	260	7.6
4,4'-DDE	8/14	5 - 9.6	2.8	460	<8.5
4,4'-DDT	3/14	5 - 12	8.1	31	8.5
Alpha-chlordane	1/14	2.6 - 9.5	5.6	5.6	<4.4
Dieldrin	2/14	2.9 - 18	17	27	<9.2
Gamma-chlordane	1/14	2.6 - 9.5	5.3	5.3	<4.4

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TABLE 4-3

Sediment Concentrations at Background Sample Locations - Summary Statistics

Olin Corporation
Wilmington, MA Facility

Analyte	Frequency of Detection	Range of SQLs	Minimum Detected Concentration	Maximum Detected Concentration	Median of all Samples*
Metals (mg/kg)					
Aluminum	5/5	NR	1,100	12,000	6,300
Arsenic	5/5	NR	6.9	44	8.5
Barium	5/5	NR	8.2	45	32.5
Calcium	5/5	NR	1,300	4,100	2,100
Chromium (VI)	4/5	0.5 - 0.5	0.53	1.2	0.53
Chromium, Total	5/5	NR	11	19.5	13
Cobalt	2/5	4.9 - 7.2	5.1	6.7	6.7
Copper	4/5	5.7 - 5.7	15	33	21
Iron	5/5	NR	4,000	14,000	6,400
Lead	5/5	NR	11	89	26.5
Magnesium	5/5	NR	220	3,200	1,200
Manganese	5/5	NR	55	680	128
Mercury	3/5	0.14 - 0.27	0.27	0.54	0.27
Nickel	2/5	7.8 - 9.6	11	15.5	<9.6
Potassium	4/5	100 - 100	270	805	490
Sodium	5/5	NR	70	290	114
Thallium	1/5	2.5 - 3.8	3.6	3.6	<3.4
Vanadium	5/5	NR	8.9	26	16
Zinc	5/5	NR	18	130	61.5
Other (mg/kg)					
Solids-Total Residue (TS) (wt%)	15/15	NR	18	69	39
Total Organic Carbon	11/11	NA	15,000	380,000	66,000

Duplicate samples were averaged with their original samples prior to calculation of statistics.
PAH data for SD001XXBKX were not included in summary statistics
* The median represents the median value of all sample results, including non-detects, for which the reporting limit was used as the concentration value for non-detects.
SQL = sample quantitation limit
ug/kg = micrograms per kilogram
mg/kg = milligrams per kilogram
Source: ABB Environmental Services Inc. - Appendices R and S

US EPA ARCHIVE DOCUMENT

TABLE 4-4

Groundwater Concentrations at Background Sample Locations - Summary Statistics

Olin Corporation
Wilmington, MA Facility

Analyte	Frequency of Detection	Minimum Detected Concentration	Maximum Detected Concentration	Median of all Samples *
VOCs (ug/l)				
1,3,5-Trimethylbenzene	1 / 13	0.02	0.02	< 0.07
Acetone	2 / 7	8	12	< 15
Chlorobenzene	1 / 21	1	1	< 0.05
Chloroform	3 / 21	0.53	4	< 0.16
cis-1,2-Dichloroethene	1 / 9	2	2	< 0.2
Methylene Chloride	13 / 21	0.27	1.7	0.6
Tetrachloroethene (PCE)	2 / 21	0.1	0.16	< 0.04
Toluene	1 / 20	0.23	0.23	< 0.13
Trichloroethene (TCE)	2 / 21	2.7	5	< 0.1
SVOCs (ug/l)				
1,2-Dichlorobenzene	13 / 19	43	93	< 68
Naphthalene	1 / 21	0.26	0.26	< 10
Metals (mg/l)				
Aluminum	1 / 26	0.14	0.14	0.12
Barium	10 / 26	0.006	0.026	0.025
Calcium	27 / 28	7.53	96	29
Copper	13 / 31	0.01	0.133	< 0.025
Iron	19 / 31	0.041	6.6	0.088
Lead	4 / 27	0.005	0.009	< 0.005
Magnesium	27 / 28	1.28	10	4.8
Manganese	15 / 23	0.043	0.97	0.16
Potassium	18 / 18	0.55	3.3	2.6
Sodium	42 / 42	4.8	175	33.8
Zinc	8 / 26	0.03	0.182	< 0.025

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TABLE 4-4

Groundwater Concentrations at Background Sample Locations - Summary Statistics

Olin Corporation
Wilmington, MA Facility

Analyte	Frequency of Detection	Minimum Detected Concentration	Maximum Detected Concentration	Median of all Samples *
Inorganics (mg/l)				
Chloride	79 / 79	3.7	235	75
Nitrate as N	38 / 42	0.19	6.1	0.52
Nitrite as N	3 / 17	0.005	0.012	< 0.005
Nitrogen, Ammonia	26 / 76	0.08	0.54	< 0.1
Sulfate as SO4	77 / 77	9.4	55	20

* The median represents the median value of all sample results, including non-detects, for which the reporting limit was used as the concentration value for non-detects.
ug/l = micrograms per liter
mg/l = milligrams per liter
Note: Sample locations and dates for groundwater are presented in Appendix.
Source: ABB Environmental Services Inc. - Appendices R and S
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TABLE 4-5

Summary of Drum Area Analytical Results

Olin Corporation
Wilmington, MA Facility

Parameters	Drum Area A (1)			Drum Area B (2)				Buried Debris Area
	Waste Material		Subsurface Soil	Waste Material		Subsurface Soil		Subsurface Soil
	Max Result	Max Location	Max Result (BH09)	Max Result	Max Location	Max Result	Max Location	Max Result (TP-19)
Volatile Organics (ppm)								
2,4,4-Trimethyl-1-Pentene	360 E	OW-249-A	3.3	-	-	-	-	-
2,4,4-Trimethyl-2-Pentene	93	OW-249-A	0.91	-	-	-	-	-
2-Butanone (MEK)	0.099	TP-6-SN2	-	0.0034 J	TP-21-SN7	0.001 J	BH06	0.0016 J
2-Hexanone	3	OW-249-C	0.061	-	-	-	-	-
4-Methyl-2-Pentanone (MIBK)	3	OW-249-C	-	1.5 J	OW-249-D	-	-	-
Acetone	11 B	OW-249-B	-	690 B	OW-249-D	-	-	-
Benzene	0.035	TP-6-SN2	-	3.8	OW-249-D	-	-	-
Carbon Disulfide	3.4 B	OW-249-C	-	-	-	-	-	-
Ethylbenzene	0.9	OW-249-C	-	0.32	OW-249-D	-	-	0.0019
Toluene	1	OW-249-A	0.001 J	13	OW-249-D	0.0003 J	TP-21-SN8	0.0005 J
Xylenes, total	1.1 B	OW-249-A	-	1.7	OW-249-D	-	-	0.0011
Semivolatiles (ppm)								
1,2,3-Trichlorobenzene	-	-	-	1.4 J	OW-249-D	-	-	-
1,2-Dichlorobenzene	-	-	-	4.7 J	OW-249-D	-	-	-
1,4-Dichlorobenzene	-	-	-	5.6 J	OW-249-D	-	-	-
2,4-Dimethlyphenol	-	-	-	3.5 J	OW-249-D	-	-	-
2-Methylphenol (o-Cresol)	-	-	-	8 J	OW-249-D	-	-	-
2-Methylphenol (p-Cresol)	-	-	-	8.8	TP-21-SN7	-	-	-
bis(2-EthylHexyl)phthalate	87 B	OW-249-A	-	2.5	TP-21-SN7	1,100 J	TP-21-SN8	-
Butylbenzylphthalate	1.1	OW-249-B	-			0.8 J	TP-21-SN8	-
Di-n-butylphthalate	3.1	OW-249-C	-	-	-	-	-	-
Di-n-octylphthalate	0.2 J	OW-249-B	-	-	-	-	-	-
Indeno (1,2,3-cd) pyrene	31	OW-249-A	-	-	-	-	-	-
Isophorone	2.1	OW-249-B	-	-	-	-	-	-
N-Nitroso-di-n-propylamine	-	-	-	-	-	-	-	1.6 J
N-Nitrosodiphenylamine (1)	21,000	TP-8-SN4	-	1.5	TP-21-SN7	-	-	-
Naphthalene	-	-	-	5.7	TP-21-SN7	-	-	-
Phenol	1.0 J	OW-249-C	-	510	OW-249-D	-	-	5.3 J

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TABLE 4-5

Summary of Drum Area Analytical Results

Olin Corporation
Wilmington, MA Facility

Parameters	Drum Area A (1)			Drum Area B (2)				Buried Debris Area
	Waste Material		Subsurface Soil	Waste Material		Subsurface Soil		Subsurface Soil
	Max Result	Max Location	Max Result (BH09)	Max Result	Max Location	Max Result	Max Location	Max Result (TP-19)
Pesticides(ppm)								
Alpha-Chlordane	2	OW-249-C	-	-	-	-	-	-
Toxaphene	4	OW-249-C	-	-	-	-	-	-
Metals(ppm)								
Arsenic	7.5	OW-249-C	13	1.4	OW-249-D	16	BH06	4.6
Cadmium	5.1	OW-249-C	1.2	2.6	OW-249-D	1.2	BH06	4.8
Calcium	61,000	OW-249-B	-	5,000	TP-21-SN7	160,000 J	TP-21-SN8	1,200
Chromium	90	TP-8-SN4	27	24	TP-21-SN7	110	TP-21-SN8	28
Cobalt	8.7	OW-249-C	5.2	-	-	7.2	BH06	1.7
Copper	57	OW-249-C	10	18	OW-249-D	14	BH06	5.6
Iron	94,000	OW-249-C	15000	40,000	TP-21-SN7	13,000	BH06	6,800
Lead	51	OW-249-B	-	41	OW-249-D	-	-	-
Manganese	460	OW-249-C	76	110	TP-21-SN7	250	BH06	44
Mercury	0.24	TP-8-SN4	-	-	-	0.91	TP-21-SN8	0.13
Nickel	30	OW-249-C	12	25	OW-249-D	18	BH06	4.7
Potassium	16,000	TP-8-SN3	1300	220	OW-249-D	2,100	BH06	260
Sodium	4,800	TP-6-SN2	140	8,600	OW-249-D	160	TP-21-SN8	250
Vanadium	7	TP-6-SN2	18	35	OW-249-D	18	BH06	13
Zinc	220	TP-6-SN2	27	70	OW-249-D	38 B	TP-21-SN8	310
Inorganic (ppm)								
Ammonia	2,100	TP-6-SN2	8.4	100	TP-21-SN7	47	TP-21-SN8	490
Chloride	25,000	TP-8-SN4	-	220	TP-21-SN7	88	BH06	260
Sulfate	5,600	TP-8-SN4	210	350	TP-21-SN7	29,000	TP-21-SN8	360
Physical Properties								
Flash Point (deg.C)	65	OW-249-A	-	65	OW-249-D	-	-	-

Notes:
(1) Drum Area A waste samples include locations TP6-SN2, TP8-SN3, TP8-SN4, TP8-SN5, OW-249A, OW-249B, and OW-249C
(2) Drum Area B waste samples include locations TP-21-SN7 and OW-249D; subsurface soil samples include TP-21-SN8 and BH-06
ppm = parts per million
Shaded sample locations represent additional waste characterization samples used to update CSA (CRA, 1993) results.
Source: Smith Technology Coporation (Project No. 00-7074-0102)
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T E 4-6

Summary of Analytical Results for Oil and Groundwater at Plant B

Olin Corporation
Wilmington, MA Facility

Parameters	Conc. Range Oil CRA, 1992	IW-11 Conc. Range Oil/Groundwater 1988-92	IW-11 Conc. Range Groundwater 1988-92	Conc. in Groundwater 1996-97	IW-12 Conc. Range Oil/Groundwater CRA, 1990	IW-12 Conc. Range Groundwater 1988-90	IW-12 Conc. in Groundwater 1996-97	IW-13 Conc. Range Oil/Groundwater CRA, 1992	IW-13 Conc. Range Groundwater 1988-90	IW-13 Conc. in Groundwater 1996-97
Semivolatile Organics (ppm)										
Benzoic Acid	41	0.006	- -	- -	- -	- -	- -	- -	- -	- -
bis(2-EthylHexyl)phthalate	690,000	0.27-710	0.065-0.39	0.03	19-130	1.1-20	0.002	18-25	0.078-0.7	0.002
Di-n-butylphthalate	- -	0.004	0.001	0.006	- -	- -	0.001	- -	- -	- -
Di-n-octylphthalate	4.5	0.18-6.4	- -	- -	0.005	- -	- -	0.64-0.67	0.002-0.031	- -
Fluorene	13	0.019	- -	- -	- -	- -	- -	- -	- -	- -
Indeno (1,2,3-cd) pyrene	- -	1.4	- -	- -	- -	- -	- -	- -	- -	- -
2-Methylnaphthalene	- -	0.087	- -	- -	- -	- -	0.003	- -	- -	- -
N-Nitrosodi-n-propylamine	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -
N-Nitrosodiphenylamine	15,000	0.48-110	0.8-1.4	0.95	0.89-19	0.13-0.16	0.15	0.5-0.66	0.17-0.3	0.094
Naphthalene	13	0.046	- -	- -	- -	- -	- -	- -	- -	- -
Phenanthrene	26	0.006	- -	- -	- -	- -	- -	- -	- -	- -
Phenols	- -	- -	- -	- -	- -	- -	- -	- -	- -	0.005
Pyrene	11	- -	- -	- -	- -	- -	- -	- -	- -	- -
Volatile Organics (ppm)										
2-Hexanone	- -	- -	- -	- -	- -	- -	2.0	- -	- -	- -
2,4,4-Trimethyl-1-Pentene	34,000	1.2-700	0.31-0.94	0.45	0.89-4.8	0.34-0.54	0.56	5.7-6.9	0.074-0.16	0.022
2,4,4-Trimethyl-2-Pentene	5,600	0.46-810	0.17-0.36	0.12	0.42-2.1	0.12-0.17	0.12	1.9-2.2	0.03-0.047	0.005
Acetone	- -	0.66	- -	0.26	- -	- -	- -	- -	- -	- -
Ethylbenzene	12	0.027	- -	- -	- -	- -	0.047	- -	- -	- -
Styrene	2.1	- -	- -	- -	- -	- -	- -	- -	- -	- -
Toluene	3.7	0.018	- -	- -	- -	- -	- -	- -	- -	- -
Xylenes, Total	- -	0.039	- -	0.008	- -	- -	0.039	- -	- -	- -
Inorganics (ppm)										
Ammonia	11	4.7-12	12-100	4.99	5.6-5.9	5.8-18	3.8	98-99	100-120	42.3
Cloride	49	4.8-240	36-88	28.9	60-73	68-100	41	98-110	55-170	25.8
Chromium	- -	14	- -	- -	- -	- -	- -	- -	- -	- -
Sulfate	140	83-340	2.5-88	42.4	44-52	53-90	31.3	250-300	190-380	159

Notes:
- - : Not analyzed or not detected
ppm = parts per million
Source: Appendix L, CSA (CRA, 1993)
Phase I Literature Survey, GTI, May 1988

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Summary of Surface Soil Analytical Results

Olin Corporation
Wilmington, MA Facility

Major Chemicals	Maximum (1) Background Concentration	Frequency (2) No. Locations Detected	Frequency (2) Total No. Locations	Minimum Result	Maximum Result	Maximum Sample Location
Volatiles (ppb)						
1,1,1-Trichloroethane	**	26	60	2	**230**	AREA 1-4
2,4,4-Trimethyl-1-pentene	**	7	60	0.8	**300 J**	SWMU 27
2,4,4-Trimethyl-2-pentene	**	3	60	1 J	**39 J**	SWMU 27
2-Butanone (MEK)	**	3	60	1 J	**4 J**	LAKE POLY-3
2-Hexanone	**	0	60	ND (10)	ND (50)	- -
Acetone	**	42	60	5 J	**93 J**	SWMU 27
Bromoform	**	0	60	ND (5)	ND (16)	- -
Chloroform	**	0	60	ND (5)	ND (16)	- -
Ethylbenzene	**	0	60	ND (5)	ND (16)	- -
Methylene Chloride	**	13	60	2 J	**47 J**	SWMU 27
Tetrachloroethene (PCE)	**	3	60	1 J	**73 J**	SWMU 27
Toluene	**	14	60	0.6 J	**15 J**	SWMU 27
Xylenes, Total	**	1	60	ND (5)	**2**	LAKE POLY-3
Semivolatiles (ppb)						
4-Bromophenyl-phenylether	**	0	45	ND (350)	ND (160,000)	- -
4-Chlorophenyl-phenylether	**	0	47	ND (330)	ND (160,000)	- -
Benzoic Acid	**	16	48	62 J	**1,800 Jj**	AREA8-4
Bis(2-ethylhexyl)phthalate	**	34	40	28 JB	**5,500,000 J**	SWMU 27
Butylbenzylphthalate	**	6	47	29	**2,600**	SWMU 27
Di-n-butylphthalate	**	30	40	9 JB	**10,000J**	SWMU 27
Di-n-octylphthalate	**	6	47	12 J	**4,700 J**	SWMU 27
Dibenzofuran	**	2	47	16 J	**39,000 Jj**	A8CW-1
Indeno(1,2,3-cd)pyrene	**	12	47	31 J	**24,000 Jj**	A8CW-1
N-nitrosodiphenylamine (1)	**	14	47	59 J	**210,000**	LAKE POLY-1
Naphthalene	**	7	47	8 J	**530,000**	A8CW-1
Phenanthrene	**	23	47	11 J	**1,000,000**	A8CW-1
Phenols	**	3	48	47	**2,400**	DRMB-(COMP)
Pyrene	65	26	47	11 J	**320,000**	A8CW-1
Inorganics (ppm)						
Aluminum	7,900	34	34	1,700	**59,000**	SWMU 33
Arsenic	7.1	32	34	ND (0.90)	**30.9**	DRMA(COMPB)
Barium	22	34	34	3.6	**47**	SWMU 30

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T. .E 4-7

Summary of Surface Soil Analytical Results

Olin Corporation
Wilmington, MA Facility

Major Chemicals	Maximum (1) Background Concentration	Frequency (2) No. Locations Detected	Frequency (2) Total No. Locations	Minimum Result	Maximum Result	Maximum Sample Location
Inorganics - cntd. (ppm)						
Calcium	2,000	34	34	61.1	**53,000**	AREA 08
Chromium	16	34	34	3.0	**5,000**	SWMU 33
Cobalt	3.7	34	34	ND (0.21)	**45**	SWMU 33
Copper	6.4	34	34	1.1 B	**35**	SWMU 30
Iron	12,000	34	34	1,200	**100,000**	SWMU 33
Manganese	150	34	34	1.7 B	**530**	AREA 01
Potassium	1,400	34	34	46.3 BE	**1,840**	DRMA(COMPB)
Sodium	130	34	34	32	**680**	SWMU 33
Ammonia	**	39	39	14	**670 J**	SWMU 27
Chloride	**	7	14	ND (40)	**560 J**	SWMU 33
Sulfate	30	34	34	4.2 J	**28,000 J**	AREA 08
Pesticides / PCBs (ppb)						
4,4'-DDD	**	16	47	0.15 Jj	**39 J**	AREA 04
4,4'-DDT	**	29	47	1.4 J	**1,700 J**	SWMU 30
Aldrin	**	7	47	0.098 J	**3.0 J**	SWMU26(COMP)
Alpha-BHC	**	7	47	0.20 Jj	**220 J**	SWMU 27
Alpha-Chlordane	**	9	47	0.795	**52**	DRMB(COMP)
Beta-BHC	**	1	47	ND (1.8)	**0.13 Jj**	AREA8-2
Dieldrin	**	13	47	0.040 J	**6.9**	DRMA(COMPB)
Endosulfan II	**	2	47	ND (3.5)	**340 J**	SWMU 30
Gamma-BHC (Lindane)	**	16	47	0.085 J	**170**	DRMB-(COMP)
Heptachlor	**	3	47	0.34 Jj	**0.87 J**	DRMA(COMPB)
Methoxychlor	**	0	47	ND (18)	ND (330)	- -
PCB-1016	**	1	13	ND (160)	**980 J**	SWMU 33
Toxaphene	**	0	47	ND (35)	ND (1,000)	- -

Notes:
ppb = parts per billion; ppm = parts per million
(1) Source: ABB Environmental Services Inc. - Appendices R and S
(2) Frequency of total locations and number of locations with concentrations above the detection limit.
ND (20) = Compound concentration below the detection limit of 20.
** = Parameter not detected in background soil samples.
Shaded sample locations indicate Supplemental Phase II Investigation location
Source: Smith Technology Corporation (Project No. 00-7074-0102)
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TABLE 4-8

Summary of Subsurface Soil Analytical Results

Olin Corporation
Wilmington, MA Facility

Major Chemicals	Maximum (1) Background Concentration	Frequency (2) No. Locations Detected	Frequency (2) Total No. Locations	Minimum Result	Maximum Results	Maximum Sample Location
Volatiles (ppb)						
1,1,1-Trichloroethane	**	0	45	ND (0.7)	ND (700)	--
2,4,4-Trimethyl-1-pentene	**	34	42	ND (0.0013)	**340,000**	LPB-1 (6-8)
2,4,4-Trimethyl-2-pentene	**	24	42	ND (0.0013)	**210,000**	LPB-1 (6-8)
2-Butanone (MEK)	**	18	45	0.85	**490 J**	BH-01
2-Hexanone	**	11	45	1.0 J	**3,800**	BH-15
Acetone	**	12	45	2.2	**17,000**	BH-01
Bromoform	**	0	45	ND (0.7)	ND (700)	--
Chloroform	**	4	45	1 J	**7 J**	BH-26
Ethylbenzene	**	6	45	1.9	**610**	LPB-1(6-8)
Methylene Chloride	**	7	45	1.4	**2,000**	BH-01
Tetrachloroethene (PCE)	**	7	45	0.7	**23 J**	LPB-1(6-8)
Toluene	**	28	45	0.3 J	**4,800**	BH-15
Xylenes, Total	**	4	45	0.9	**220**	LPB-1 (6-8)
Semivolatiles (ppb)						
4-Bromophenyl-phenylether	**	1	2	ND (400)	**1,100**	LPB-1 (6-8)
4-Chlorophenyl-phenylether	**	1	44	ND (12)	**2,200**	LPB-1 (6-8)
Benzoic Acid	**	0	41	ND (60)	ND (6,100)	--
Bis(2-ethylhexyl)phthalate	**	30	44	ND (12)	**6,700,000**	BH-38
Butylbenzylphthalate	**	9	43	ND (12)	**2,200**	BH-12
Di-n-butylphthalate	**	3	44	ND (12)	**32,000**	BH-12
Di-n-octylphthalate	**	19	44	ND (12)	**880 J**	TP-21-SN8
Dibenzofuran	**	3	44	ND (12)	**1,400**	LPB-1 (6-8)
Indeno(1,2,3-cd)pyrene	**	2	44	ND (12)	**960**	BH-28
N-nitrosodiphenylamine (1)	**	15	44	ND (12)	**3,400,000**	BH-12
Naphthalene	**	2	44	ND (12)	**720**	LPB-1 (6-8)
Phenanthrene	**	6	44	ND (12)	**690**	LPB-1 (6-8)
Phenols	**	6	43	55 J	**5,300 J**	TP-19-SN6
Pyrene	65	8	44	ND (12)	**200**	LPB-1 (6-8)
Inorganics (ppm)						
Aluminum	7,900	43	43	460	**10,000**	BH-05&-06
Arsenic	7.1	42	43	0.9	**21**	BH-03
Barium	22	43	43	2.8	**90**	TP-19-SN6

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TABLE 4-8

Summary of Subsurface Soil Analytical Results

Olin Corporation
Wilmington, MA Facility

Major Chemicals	Maximum (1) Background Concentration	Frequency (2) No. Locations Detected	Frequency (2) Total No. Locations	Minimum Result	Maximum Results	Maximum Sample Location
Inorganics - cntd. (ppm)						
Calcium	2,000	43	43	150	**160,000 J**	TP-21-SN8
Chromium	16	43	43	4.2	**17,000**	LPB-1 (6-8)
Cobalt	3.7	33	43	ND (1.5)	**7.2**	BH-06
Copper	6.4	38	43	ND (2.5)	**47**	BH-04
Iron	12,000	43	43	580	**15,000**	BH-09
Manganese	150	43	43	7.6	**340**	BH-12
Potassium	1,400	43	43	130	**2,100**	BH-06
Sodium	130	43	43	21	**440**	BH-18
Ammonia	37	37	43	ND (8)	**10,000**	LPB-1 (6-8)
Chloride	**	20	43	ND (40)	**360**	TP-1-SN1
Sulfate	30	32	45	ND (20)	**33,000 J**	BH-04
Pesticides / PCBs (ppb)						
4,4'-DDD	**	1	41	ND (0.1)	**40**	BH-12
4,4'-DDT	**	0	41	ND (0.1)	ND (48)	- -
Aldrin	**	1	41	ND (0.1)	**32**	BH-12
Alpha-BHC	**	1	41	ND (0.05)	**24**	BH-12
Alpha-Chlordane	**	0	41	ND (0.5)	ND (240)	- -
Beta-BHC	**	0	41	ND (0.05)	ND (24)	- -
Dieldrin	**	0	41	ND (0.1)	ND (48)	- -
Endosulfan II	**	0	41	ND (0.1)	ND (48)	- -
Gamma-BHC (Lindane)	**	1	41	ND (0.05)	**48**	BH-03
Heptachlor	**	0	41	ND (0.05)	ND (24)	- -
Methoxychlor	**	0	41	ND (1)	ND (240)	- -
PCB-1016	**	0	41	ND (0.5)	ND (240)	- -
Toxaphene	**	0	41	ND (1)	ND (480)	- -

Notes:
ppb = parts per billion; ppm = parts per million
(1) Source: ABB Environmental Services Inc. - Appendices R and S
(2) Frequency of total locations and number of locations with concentrations above the detection limit.
ND (20) = Compound concentration below the detection limit of 20.
** = Parameter not detected in background soil samples.
Shaded sample locations indicate Supplemental Phase II Investigation location
Source: Smith Technology Corporation (Project No. 00-7074-0102)
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TABLE 4-9

Summary of Sediment Analytical Results

Olin Corporation
Wilmington, MA Facility

Major Chemicals	Maximum (1) Background Concentration	Frequency (2) No. Locations Detected	Frequency (2) Total No. Locations	Minimum Result	Maximum Results	Maximum Sample Location
Volatiles (ppb)						
1,1,1-Trichloroethane	19	3	30	3	**47,000**	SW-06
2,4,4-Trimethyl-1-pentene	**	23	30	2	**28,000**	SW-13
2,4,4-Trimethyl-2-pentene	**	21	30	2	**9,400**	SW-13
2-Butanone (MEK)	130	6	30	12	**280**	SW-25
2-Hexanone	**	2	30	ND (15)	**36**	SW-08
Acetone	190	20	30	7	**1,700 J**	SW-08
Bromoform	**	3	30	3	**140**	SW-17
Chloroform	**	3	30	3	**9**	SW-15
Ethylbenzene	**	5	30	3	**710 J**	SW-13
Methylene Chloride	13	11	30	4	**24 J**	SW-21
Tetrachloroethene (PCE)	25	4	30	2	**32 J**	POND
Toluene	**	15	30	2	**1,100 J**	SW-13
Xylenes, Total	9	7	30	2	**250 J**	SW-09
Semivolatiles (ppb)						
4-Bromo-phenyl phenylether	**	7	37	150	**3,000**	SW-07
4-Chlorophenyl-phenylether	**	6	37	58	**2,300 J**	POND
Benzoic Acid	**	10	36	85	**3,400 J**	SW-27
Bis(2-ethylhexyl)phthalate	2,000	35	37	82	**150,000,000**	SW-13
Butylbenzylphthalate	**	11	37	66	**160,000 J**	SW-13
Di-n-butylphthalate	**	16	37	16 J	**2,100,000**	SW-13
Di-n-octylphthalate	**	15	37	54	**24,000 J**	SW-09
Dibenzofuran	**	4	37	98	**5,900 J**	SW-13
Indeno(1,2,3-cd)pyrene	**	18	37	69	**13,000 J**	SW-09
N-nitrosodiphenylamine (1)	**	26	37	60	**6,200,000 J**	SW-13
Naphthalene	**	4	37	51 J	**2,200 J**	SW-13
Phenanthrene	**	23	37	54	**34,000**	SW-13
Phenols	**	10	37	69	**2,300**	SW-12
Pyrene	750	26	37	54	**9,100 J**	SW-13
Inorganics (ppm)						
Aluminum	12,000	40	40	570	**150,000**	SW-15
Arsenic	44	27	39	1.1	**440**	SW-27
Barium	45	33	40	3.6	**4,600 B**	FLOC WF-2
Calcium	4,100	40	40	250	**10,000**	SED-17,11
Chromium	19.5	45	45	5.4	**35,000 B**	FLOC RP-2
Cobalt	6.7	35	39	ND (1.5)	**39**	SW-25
Copper	33	39	39	2.2 B	**280**	SW-27
Iron	14,000	40	40	330	**180,000**	FLOC RP-2
Manganese	680	40	40	3.7	**1,900**	SW-27
Potassium	805	39	40	126	**2,800**	FLOC WF-2

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TABLE 4-9

Summary of Sediment Analytical Results

Olin Corporation
Wilmington, MA Facility

Major Chemicals	Maximum (1) Background Concentration	Frequency (2) No. Locations Detected	Frequency (2) Total No. Locations	Minimum Result	Maximum Results	Maximum Sample Location
Inorganics (ppm) - cntd.						
Sodium	290	40	40	28	**8,700**	FLOC WF-2
Ammonia	**	37	37	ND (8)	**2,300**	SED 17,11
Chloride	**	23	30	ND (40)	**1,400**	SW-16
Sulfate	**	29	30	ND (40)	**18,000**	SW-25
Pesticides / PCBs (ppb)						
Aldrin	**	4	37	ND (2)	**450**	SW-13
4,4'-DDD	260	2	37	ND (4)	**190**	SW-15
4,4'-DDT	31	4	37	ND (4)	**1,200**	SW-13
Alpha-BHC	**	1	37	ND (2)	**5.2 J**	SW-17
Alpha-Chlordane	5.6	3	37	ND (2)	**1,600**	SW-25
Beta-BHC	**	3	37	ND (2)	**460**	SW-13
Dieldrin	27	2	37	ND (4)	**7.2**	SW-21
Endosulfan II	**	0	37	ND (4)	ND (2,000)	--
Gamma-BHC (Lindane)	**	0	37	ND (2)	ND (900)	--
Heptachlor	**	3	37	0.59 J	**540**	SW-13
Methoxychlor	**	1	37	ND (20)	**290**	SW-07
PCB-1016	**	1	1	ND (2,300)	ND (2,300)	--
Toxaphene	**	0	37	ND (40)	ND (20,000)	--

Notes:
ppb = parts per billion; ppm = parts per million
(1) Source: ABB Environmental Services Inc. - Appendices R and S
(2) Frequency of total locations and number of location with concentrations above the detection limit.
ND (20) = Compound concentration below the detection limit of 20.
** = Parameter not detected in background sediment sample.
Shaded sample locations indicate Supplemental Phase II Investigation location
Source: Smith Technology Corporation (Project No. 00-7074-0102)

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TABLE 4-10

Summary of Surface Water Analytical Results

Olin Corporation
Wilmington, MA Facility

Major Chemicals	Maximum (1) Background Concentration	Frequency (2) No. Locations Detected	Frequency (2) Total No. Locations	Minimum Result	Maximum Results	Maximum Sample Location
Volatiles (ppb)						
1,1,1-Trichloroethane	4	7	30	1 J	**7**	SW-01
2,4,4-Trimethyl-1-pentene	**	16	30	2	**200**	SW-15
2,4,4-Trimethyl-2-pentene	**	13	30	1 j	**81**	SW-15
2-Butanone (MEK)	**	1	30	ND (15)	**18**	SW-17
2-Hexanone	**	4	30	1	**39**	SW-30
Acetone	**	7	30	1	**93**	SW-17
Bromoform	**	5	30	1 J	**7**	SW-16
Chloroform	**	2	30	1	**3**	SW-16
Ethylbenzene	**	5	30	1 J	**3**	SW-2
Methylene Chloride	**	7	30	1 J	**3**	SW-5
Tetrachloroethene (PCE)	4	0	30	ND (5)	ND (5)	- -
Toluene	13	11	30	2	**240**	SW-30
Xylenes, Total	19	5	30	ND (5)	**22**	SW-30
Semivolatiles (ppb)						
4-Bromophenyl-phenylether	**	0	30	ND (10)	ND (10)	- -
4-Chlorophenyl-phenylether	**	0	30	ND (10)	ND (10)	- -
Benzoic Acid	**	0	30	ND (50)	ND (50)	- -
Bis(2-ethylhexyl)phthalate	**	21	30	2 J	**74**	SW-26
Butylbenzylphthalate	**	0	30	ND (10)	ND (10)	- -
Di-n-butylphthalate	**	1	30	ND (10)	**1 J**	SW-13
Di-n-octylphthalate	**	4	30	1 J	**13**	SW-06
Dibenzofuran	**	0	30	ND (10)	ND (10)	- -
Indeno(1,2,3-cd)pyrene	**	1	30	ND (10)	**4 J**	SW-15
N-nitrosodiphenylamine (1)	**	9	30	1	**31**	SW-15
Naphthalene	**	0	30	ND (10)	ND (10)	- -
Phenanthrene	**	1	30	ND (10)	**12 J**	SW-15
Phenols	**	6	30	1 J	**3**	SW-15
Pyrene	**	2	30	1	**17 J**	SW-15

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TABLE 4-10

Summary of Surface Water Analytical Results

Olin Corporation
Wilmington, MA Facility

Major Chemicals	Maximum (1) Background Concentration	Frequency (2) No. Locations Detected	Total No. Locations	Minimum Result	Maximum Results	Maximum Sample Location
Inorganics (ppm)						
Aluminum	0.37	32	37	ND (0.10)	**59**	SW-15
Arsenic	**	13	37	ND (0.005)	**0.25**	SW-20
Barium	0.034	37	37	ND (0.005)	**0.072**	SW-11-95
Calcium	28	37	37	4	**280**	SW-16-95
Chromium	**	24	38	ND (0.015)	**12**	SW-16
Cobalt	**	5	31	ND (0.015)	**0.11**	SW-16
Copper	**	4	31	ND (0.025)	**0.12**	SW-16
Iron	1.8	36	38	0.048	**57**	SW-16
Manganese	0.1	37	37	ND (0.01)	**4.4**	SW-16
Potassium	3.3	37	37	0.45	**9.4**	SW-07
Sodium	58	37	37	7	**290**	SW-12
Ammonia	**	30	36	ND (0.05)	**380**	SW-16
Chloride	110	41	41	13	**590**	SW-16
Sulfate	24	41	41	11	**3,000 J**	SW-16
Pesticides / PCBs (ppb)						
Aldrin	**	0	30	ND (0.05)	ND (0.06)	- -
4,4'-DDD	**	0	30	ND (0.1)	ND (0.1)	- -
4,4'-DDT	**	0	30	ND (0.1)	ND (0.1)	- -
Alpha-BHC	**	1	30	ND (0.05)	**0.18**	SW-15
Alpha-Chlordane	**	0	30	ND (0.05)	ND (0.6)	- -
Beta-BHC	**	0	30	ND (0.05)	ND (0.06)	- -
Dieldrin	**	0	30	ND (0.1)	ND (0.1)	- -
Endosulfan II	**	0	30	ND (0.1)	ND (0.1)	- -
Gamma-BHC (Lindane)	**	1	30	ND (0.05)	**0.05**	SW-15
Heptachlor	**	0	30	ND (0.05)	ND (0.06)	- -
Methoxychlor	**	0	30	ND (0.5)	ND (0.6)	- -
PCB-1016	**	0	2	ND (0.5)	ND (0.5)	- -
Toxaphene	**	0	30	ND (1)	ND (1)	- -

Notes:
ppb = parts per billion; ppm = parts per million
(1) Source: ABB Environmental Services Inc. - Appendices R and S
(2) Frequency of total locations and number of locations with concentrations above the detection limit.
ND (20) = Compound concentration below the detection limit of 20.
** = Parameter not detected in background surface water samples.
Shaded sample locations indicate Supplemental Phase II Investigation location
Source: Smith Technology Corporation (Project No. 00-7074-0102)

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3LE 4-11

Summary of Shallow Groundwater Analytical Results

Olin Corporation
Wilmington, MA Facility

Major Chemicals	Maximum (1) Background Concentration	Shallow Groundwater (Off-Property) Frequency (2) No. Locations Detected	Total No. Locations	Minimum Result	Maximum Result	Maximum Sample Location	Shallow Groundwater (On-Property) Frequency (2) No. Locations Detected	Total No. Locations	Minimum Result	Maximum Result	Maximum Sample Location
Volatiles (ppb)											
1,1,1-Trichloroethane	**	2	32	1	6	GW-25	4	31	2 J	22	GW-27-S
2,4,4-Trimethyl-1-pentene	**	4	32	4 J	170	GW-76S	17	31	2 J	1,900	GW-34-S
2,4,4-Trimethyl-2-pentene	**	4	31	11 J	86	GW-25	14	31	0.7 J	720	GW-34-S
2-Butanone (MEK)	**	1	32	ND (15)	19	GW-80S	1	31	ND (10)	3	GW-29-S
2-Hexanone	**	0	32	ND (10)	ND (20)	- -	2	31	9 J	2,000	IW-12
Acetone	12	10	31	4 JB	1,800	GW-44-S	17	31	7	2,000	GW-29-S
Bromoform	**	3	32	6	9	GW-69-S	4	31	1	22	GW-27-S
Chloroform	4	1	32	1	1	GW-48-S	1	31	ND (5)	2	GW-27-S
Ethylbenzene	**	1	32	ND (5)	1,300	GW-80S	1	31	ND (5)	47	IW-12
Methylene Chloride	1.7	5	32	0.8 J	2	GW-42-S	6	31	1 J	6 J	IW-11
Tetrachloroethene (PCE)	0.16	0	32	ND (5)	ND (10)	- -	2	31	1 J	1	GW-27-S
Toluene	0.23	3	32	1 J	4,400	GW-80S	3	31	1 JB	10	GW-35-S
Xylenes, Total	**	1	31	ND (5)	2,800	GW-80S	3	31	1 J	39 J	IW-12
Semivolatiles (ppb)											
4-Bromophenyl-phenylether	**	0	32	ND (10)	ND (10)	- -	1	31	ND (10)	44	GW-27-S
4-Chlorophenyl-phenylether	**	1	32	4 J	7	GW-26	1	31	ND (10)	5 J	GW-27-S
Benzoic Acid	**	0	31	ND (50)	ND (50)	- -	6	31	1 J	20 J	GW-54-S
Bis(2-ethylhexyl)phthalate	**	6	32	1 J	64	GW-63-S	14	31	0.4 J	290	B-03
Butylbenzylphthalate	**	1	29	ND (10)	3 J	GW-80S	0	31	ND (10)	ND (200)	- -
Di-n-butylphthalate	**	7	32	0.2 JB	1 J	GW-80S	4	31	0.2 JB	6 JB	IW-11
Di-n-octylphthalate	**	0	32	ND (10)	ND (10)	- -	2	31	1 J	1 J	GW-12
Dibenzofuran	**	0	32	ND (10)	ND (10)	- -	2	31	1 J	2 J	GW-52-S
Indeno(1,2,3-cd)pyrene	**	0	32	ND (10)	ND (10)	- -	0	31	ND (10)	ND (200)	- -
N-nitrosodiphenylamine (1)	**	4	32	2 J	74	GW-26	17	30	1	1,600	IW-04
Naphthalene	0.26	1	32	ND (10)	4 J	GW-80S	0	31	ND (10)	ND (200)	- -
Phenanthrene	**	0	32	ND (10)	ND (10)	- -	0	31	ND (10)	ND (200)	- -
Phenols	**	0	32	ND (10)	ND (10)	- -	10	31	1 J	900	GW-35-S
Pyrene	**	0	31	ND (10)	ND (10)	- -	0	31	ND (10)	ND (200)	- -

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Summary of Shallow Groundwater Analytical Results

Olin Corporation
Wilmington, MA Facility

Major Chemicals	Maximum (1) Background Concentration	Shallow Groundwater (Off-Property) Frequency (2) No. Locations Detected	Total No. Locations	Minimum Result	Maximum Result	Maximum Sample Location	Shallow Groundwater (On-Property) Frequency (2) No. Locations Detected	Total No. Locations	Minimum Result	Maximum Result	Maximum Sample Location
Inorganics (ppm)											
Aluminum	0.14	11	32	ND (0.1)	17	GW-80S	23	31	0.044	5.8	GW-56-S
Arsenic	**	5	32	0.006	0.022	GW-65-S	3	29	0.008	0.011	GW-22-S
Barium	0.025	28	32	0.006	0.25	GW-80S	29	29	0.005	0.09	B-03
Calcium	29	32	32	0.006	200	GW-25	29	29	2.1	420	GW-79-S
Chromium	**	10	32	0.01	0.63	GW-60-S	10	32	0.015	1.9	GW-78-S
Cobalt	**	2	32	0.019	0.15	GW-65-S	7	26	0.018	0.2	GW-04
Copper	0.133	2	32	0.08	41	GW-42-S	1	26	ND (0.025)	0.049	GW-28-S
Iron	6.6	27	32	ND(0.025)	100	GW-80S	25	29	ND (0.025)	73	GW-55-S
Manganese	0.97	32	32	0.011	6.4	GW-25	29	29	0.023	6.4	GW-04
Potassium	3.3	27	32	0.64	9.8	GW-62-S	29	29	0.39	12	GW-55-S
Sodium	175	32	32	2.1	390	GW-25	29	29	1.3	410	GW-54-S
Ammonia	0.54	31	32	0.06	286	GW-43-S	33	33	0.12	610	GW-55-S
Chloride	235	32	32	2.8	440	GW-26	33	33	2.3	640	GW-55-S
Sulfate	55	32	32	4.1	1,830	GW-43-S	34	34	4.4	3,000	GW-55-S
Pesticides / PCBs (ppb)											
4,4'-DDD	**	0	28	ND (0.1)	ND (0.1)	- -	0	31	ND (0.1)	ND (10)	- -
4,4'-DDT	**	1	28	ND (0.1)	0.022 J	GW-76-S	1	31	ND (0.1)	0.22	GW-32-S
Aldrin	**	1	28	ND (0.05)	0.012 J	GW-76-S	2	31	0.065	0.077	IW-11
Alpha-BHC	**	0	28	ND (0.05)	ND (0.05)	- -	2	31	0.13	0.15	GW-35-S
Alpha-Chlordane	**	0	28	ND (50)	- -	- -	0	31	ND (0.05)	ND (50)	- -
Beta-BHC	**	0	28	ND (0.05)	ND (0.05)	- -	1	31	ND (0.05)	0.1	GW-53-S

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BLE 4-11

Summary of Shallow Groundwater Analytical Results

Olin Corporation
Wilmington, MA Facility

Major Chemicals	Maximum (1) Background Concentration	Shallow Groundwater (Off-Property) Frequency (2) No. Locations Detected	Total No. Locations	Minimum Result	Maximum Result	Maximum Sample Location	Shallow Groundwater (On-Property) Frequency (2) No. Locations Detected	Total No. Locations	Minimum Result	Maximum Result	Maximum Sample Location
Pesticides / PCBs (ppb)											
Dieldrin	**	0	28	ND (0.1)	ND (0.1)	- -	0	31	ND (0.1)	ND (10)	- -
Endosulfan II	**	0	28	ND (10)	ND (10)	- -	0	31	ND (0.1)	ND (10)	- -
Gamma-BHC (Lindane)	**	2	28	0.019	0.11	GW-25	1	31	ND (0.05)	0.003 J	GW-78-S
Heptachlor	**	0	28	ND (10)	ND (10)	- -	1	31	ND (0.05)	0.013 J	IW-11
Methoxychlor	**	0	28	ND (0.5)	ND (0.5)	- -	0	31	ND (0.5)	ND (50)	- -
PCB-1016	**	0	0	- -	- -	- -	1	4	ND (0.5)	1.6 J	GW-54-S
Toxaphene	**	0	28	ND (1)	ND (1)	- -	0	31	ND (1)	ND (100)	- -

Notes:
ppb = parts per billion; ppm = parts per million
- - : Not analyzed or not detected
(1) *Source: ABB Environmental Services Inc. - Appendices R and S*
(2) Frequency of total locations and number of locations with concentrations above the detection limit.
ND (20) = Compound concentration below the detection limit of 20.
** = Parameter not detected in background groundwater sample
Shaded sample locations indicate Supplemental Phase II Investigation location
Source: Smith Technology Corporation (Project No. 00-7074-0102)
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T. .E 4-12

Summary of Deep Groundwater and Dense Layer Analytical Results

Olin Corporation
Wilmington, MA Facility

Major Chemicals	Deep Groundwater					Dense Layer				
	Frequency (1) No. Locations Detected	Frequency (1) Total No. Locations	Minimum Result	Maximum Results	Maximum Sample Location	Frequency (1) No. Locations Detected	Frequency (1) Total No. Locations	Minimum Result	Maximum Result	Maximum Sample Location
Volatiles (ppb)										
1,1,1-Trichloroethane	3	45	0.3 J	4	GW-61-D	10	20	1 J	19	GW-37
2,4,4-Trimethyl-1-pentene	14	45	25	420	GW-54-D	6	20	2	130	GW-38
2,4,4-Trimethyl-2-pentene	12	45	1 J	140	GW-53-D	5	20	1	38	GW-38
2-Butanone (MEK)	8	45	1	1,200	GW-49-D	9	20	1	645	GW-42-D
2-Hexanone	4	45	37	120	GW-87-D	0	20	ND (10)	ND (200)	- -
Acetone	21	45	3	13,000	GW-06-D	19	20	18	920	GW-36
Bromoform	4	45	1	110	GW-56-D	15	20	1	750	GW-30-DR
Chloroform	4	45	4 J	5	GW-34-D	20	20	1	94	GW-36
Ethylbenzene	4	45	3	340	GW-80-D	8	20	1 J	7 J	GW-59-D
Methylene Chloride	5	45	0.9 JB	31 B	GW-80-D	10	20	3 J	20	GW-83-D
Tetrachloroethene (PCE)	4	45	1 J	5 J	GW-84-D	2	20	ND (5)	2 J	GW-83-D
Toluene	7	45	1	12,000	GW-49-D	20	20	1 J	170	GW-83-D
Xylenes, Total	4	45	1 J	1,100	GW-80-D	4	20	4 J	28	GW-59-D
Semivolatiles (ppb)										
4-Bromophenyl-phenylether	2	45	1 J	6 J	GW-19-D	9	20	1 J	34	GW-27-D
4-Chlorophenyl-phenylether	1	45	ND (10)	1 J	GW-33-D	3	20	2	15	GW-10-D
Benzoic Acid	5	43	1 J	31 J	GW-49-D	10	20	2 J	61	GW-59-D
Bis(2-ethylhexyl)phthalate	11	45	1 J	70	GW-31-D	8	20	0.2 JB	180	GW-27-D
Butylbenzylphthalate	0	42	ND (10)	ND (10)	- -	0	20	ND (10)	ND (10)	- -
Di-n-butylphthalate	8	45	0.3 JB	2 J	GW-19-D	3	20	0.3 JB	2 J	GW-43-D
Di-n-octylphthalate	1	45	ND (10)	18 j	GW-81-D	1	20	ND (10)	1 J	GW-59-D
Dibenzofuran	2	45	2 J	2 J	GW-19-D	3	20	1 J	2 J	GW-30-DR
Indeno(1,2,3-cd)pyrene	0	45	ND (10)	ND (10)	- -	0	20	ND (10)	ND (10)	- -
N-nitrosodiphenylamine (1)	10	45	2	670	GW-33-D	6	20	1 J	5 J	GW-43-D
Naphthalene	4	45	1 J	27	GW-80-D	18	20	0.2 J	88	GW-30-DR
Phenanthrene	0	45	ND (10)	ND (10)	- -	0	20	ND (10)	ND (10)	- -
Phenols	8	45	1	15	GW-49-D	19	20	2 J	1,600	GW-59-D
Pyrene	1	45	ND (10)	0.5 J	GW-86-D	0	20	ND (10)	ND (10)	- -
Inorganics (ppm)										
Aluminum	15	47	ND (0.1)	170	GW-34-D	22	23	ND (0.1)	2,500	GW-36
Arsenic	11	47	0.005	0.048	GW-52-D	10	23	0.005	1.2	MP-2 #01
Barium	41	47	0.005	0.082	MP-3 #15	20	23	0.006	0.052	GW-62-BR
Calcium	48	48	1	600	MP-1 #18	23	23	100	620	GW-36

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T. .E 4-12

Summary of Deep Groundwater and Dense Layer Analytical Results

Olin Corporation
Wilmington, MA Facility

Major Chemicals	Deep Groundwater					Dense Layer				
	Frequency (1) No. Locations Detected	Frequency (1) Total No. Locations	Minimum Result	Maximum Results	Maximum Sample Location	Frequency (1) No. Locations Detected	Frequency (1) Total No. Locations	Minimum Result	Maximum Result	Maximum Sample Location
Inorganics (ppm) - cntd.										
Chromium	13	48	0.016	18	MP-2 #06	23	23	0.021	4,700	MP-2 #01
Cobalt	19	47	0.016	0.45	MP-3 #07	23	23	0.038	12	MP-1 #01
Copper	7	47	0.036	1.3	GW-52-D	19	23	0.1	13	GW-42-D
Iron	42	47	ND (0.025)	70	GW-64-D	23	23	5.3	3,400	GW-30-DR*
Manganese	47	47	0.008	39.2	GW-84-D	23	23	9.3	620	MP-2 #02
Potassium	47	48	0.56	51.2	GW-84-D	23	23	1.6	140	GW-59-D
Sodium	48	48	4.9	1,500	GW-50-D	23	23	71.1	25,000	MP-1 #01
Ammonia	45	48	0.41	1,000	GW-50-D	23	23	2.4	12,000 J	GW-42-D
Chloride	48	48	2	1,700	GW-50-D	23	23	697	91,000	MP-1 #01
Sulfate	47	48	2	20,000 J	GW-50-D	23	23	610	87,000	GW-30-DR
Pesticides / PCBs (ppb)										
4,4'-DDD	0	40	ND (0.1)	ND (0.1)	- -	1	18	ND (0.1)	0.1	GW-69-D
4,4'-DDT	1	40	ND (0.1)	0.12	GW-49-D	1	18	ND (0.1)	0.1	GW-10-D
Aldrin	1	40	ND (0.05)	0.1 J	GW-53-D	0	18	ND (0.05)	ND (0.3)	- -
Alpha-BHC	6	40	0.05	0.13	GW-33-D	16	18	0.05	0.26	GW-37
Alpha-Chlordane	0	40	ND (0.5)	ND (0.5)	- -	0	18	ND (0.5)	ND (3)	- -
Beta-BHC	2	40	0.052	0.6	GW-19-D	4	18	0.059	0.12	GW-69-D
Dieldrin	0	40	ND (0.1)	ND (0.1)	- -	1	18	ND (0.1)	0.14	GW-38
Endosulfan II	0	39	ND (0.1)	ND (0.1)	- -	0	18	ND (0.1)	ND (0.5)	- -
Gamma-BHC (Lindane)	1	38	ND (0.05)	0.099	GW-53-D	5	18	0.058	0.13	GW-37
Heptachlor	1	39	ND (0.05)	0.05	GW-51-D	1	18	ND (0.05)	0.06 J	GW-38
Methoxychlor	0	39	ND (0.5)	ND (0.5)	- -	0	18	ND (0.5)	ND (10)	- -
PCB-1016	0	3	ND (0.5)	ND (6)	- -	0	4	ND (0.5)	ND (5)	- -
Toxaphene	0	39	ND (1)	ND (1)	- -	0	18	ND (0.05)	ND (5)	- -

Notes:
ppb = parts per billion; ppm = parts per million
- - : Not analyzed or not detected
GW-30-DR* = MP-1 #01 also showed 3,400 ppm for iron
(1) Frequency of total locations and number of locations with concentrations above the detection limit.
ND (20) = Compound concentration below the detection limit of 20.
Shaded sample locations indicate Supplemental Phase II Investigation location
Source: Smith Technology Corporation (Project No. 00-7074-0102)
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TABLE 4-13

Summary of Bedrock Groundwater Analytical Results

Olin Corporation
Wilmington, MA Facility

Major Chemicals	Bedrock Groundwater Frequency (1) No. Locations Detected	Total No. Locations	Minimum Result	Maximum Result	Maximum Sample Location
Volatiles (ppb)					
1,1,1-Trichloroethane	1	7	ND (5)	1,500	GW-80-BR
2,4,4-Trimethyl-1-pentene	0	7	ND (10)	ND (100)	- -
2,4,4-Trimethyl-2-pentene	0	7	ND (10)	ND (100)	- -
2-Butanone (MEK)	1	7	ND (15)	300	GW-80-BR
2-Hexanone	0	6	ND (15)	ND (15)	- -
Acetone	1	7	ND (10)	1 J	GW-68-BR
Bromoform	1	7	ND (5)	12 Jj	GW-80-BR
Chloroform	0	7	ND (5)	ND (50)	- -
Ethylbenzene	2	7	2 J	290	GW-80-BR
Methylene Chloride	3	7	2 J	220 B	GW-80-BR
Tetrachloroethene (PCE)	1	7	ND (5)	43 j	GW-80-BR
Toluene	2	7	2 J	15,000	GW-80-BR
Xylenes, Total	3	7	1 Jj	1,100	GW-80-BR
Semivolatiles (ppb)					
4-Bromophenyl-phenylether	0	7	ND (10)	ND (10)	- -
4-Chlorophenyl-phenylether	0	7	ND (10)	ND (10)	- -
Benzoic Acid	0	4	ND (50)	ND (50)	- -
Bis(2-ethylhexyl)phthalate	3	7	2 J	150	BR-01
Butylbenzylphthalate	0	7	ND (10)	ND (10)	- -
Di-n-butylphthalate	1	7	ND (10)	1 Jj	GW-81-BR
Di-n-octylphthalate	0	7	ND (10)	ND (10)	- -
Dibenzofuran	0	7	ND (10)	ND (10)	- -
Indeno(1,2,3-cd)pyrene	0	7	ND (10)	ND (10)	- -
N-nitrosodiphenylamine (1)	0	7	ND (10)	ND (10)	- -
Naphthalene	2	7	2 J	13	GW-80-BR
Phenanthrene	0	7	ND (10)	ND (10)	- -
Phenols	0	7	ND (10)	ND (10)	- -
Pyrene	0	7	ND (10)	ND (10)	- -
Inorganics (ppm)					
Aluminum	2	7	ND (0.10)	0.27	GW-81-BR
Arsenic	2	7	ND (0.005)	0.10	GW-80-BR
Barium	7	7	ND (0.2)	0.3	BR-01
Calcium	7	7	ND(5.0)	370	GW-62-BRD
Chromium	1	7	ND (0.010)	0.044	GW-62-BRD
Cobalt	0	7	ND (0.015)	ND (0.050)	- -
Copper	0	7	ND (0.025)	ND (0.025)	- -
Iron	5	7	ND (0.025)	29	GW-80-BR
Manganese	6	7	ND (0.01)	9.8	GW-80-BR
Potassium	7	7	3.8	340	BR-01
Sodium	7	7	15.3	510	GW-62-BRD
Ammonia	7	7	0.09	82	GW-62-BRD
Chloride	7	7	13	1,100	GW-62-BRD
Sulfate	6	7	4	2,600	GW-62-BRD

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TABLE 4-13

Summary of Bedrock Groundwater Analytical Results

Olin Corporation
Wilmington, MA Facility

Major Chemicals	Bedrock Groundwater				
	Frequency (1)				
	No. Locations Detected	Total No. Locations	Minimum Result	Maximum Result	Maximum Sample Location
Pesticides / PCBs (ppb)					
4,4'-DDD	0	7	ND (0.1)	ND (0.1)	- -
4,4'-DDT	0	7	ND (0.1)	ND (0.1)	- -
Aldrin	0	7	ND (0.05)	ND (0.05)	- -
Alpha-BHC	0	7	ND (0.05)	ND (0.05)	- -
Alpha-Chlordane	0	7	ND (0.05)	ND (0.5)	- -
Beta-BHC	2	7	ND (0.05)	0.063	GW-80-BR
Dieldrin	0	7	ND (0.1)	ND (0.1)	- -
Endosulfan II	0	7	ND (0.1)	ND (0.1)	- -
Gamma-BHC (Lindane)	0	7	ND (0.05)	ND (0.05)	- -
Heptachlor	1	7	ND (0.05)	0.05 j	GW-80-BR
Methoxychlor	0	7	ND (0.5)	ND (0.5)	- -
PCB-1016	0	9	ND (0.5)	ND (0.5)	- -
Toxaphene	0	7	ND (1)	ND (1)	- -

Notes:
ppb = parts per billion; ppm = parts per million
- - : Not analyzed or not detected
(1) Frequency of total locations and number of locations with concentrations above the detection limit.
ND (20) = Compound concentration below the detection limit of 20.
Shaded sample locations indicate Supplemental Phase II Investigation location
Source: Smith Technology Corporation (Project No. 00-7074-0102)

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TABLE 4-14

Summary of Selected Manufacturing Processes and Waste By-products

Olin Corporation
Wilmington, MA Facility

Manufactured Product	Waste By-Products																			
	Aluminum Hydroxide	Ammonium Chloride	Ammonium Sulfate	Sodium Chloride	Sodium Bromide	Sodium Hydroxide	Sodium Nitrate	Sodium Nitrite	Chrome Sulfate	Sodium Sulfate	Sulfuric Acid	HCL AQ	Process Oil	Urea	TMP	BEHP	Phenol	NNDPA	Benzonitrile	Formaldehyde / dimethyl-formaldyhyde
Opex		X		X				X					X							X
Kempore			X		X				X		X		X	X						
Kempore			X	X	X					X	X		X	X						
Phenolic Resins																	X			X
Wytox ADP	X					X									X					
Hydrazine			X	X						X										
Nitropore 5 PT				X			X												X	X
Witrol N								X		X								X		
Nitropore OT		X									X	X								

Source: Comprehensive Site Assessment, Conestoga Rivers Associates, 1993.

Notes:

HCL AQ = Hydrochloric Acid (aqueous)
TMP = Trimethylpentenes
BHEP = Bis(2-ethylhexyl)phthalate
NNDPA = N-Nitrosodiphenylamine

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TABLE 5-1

Calculation of Effective Diffusion Coefficients from Multilevel Piezometer Data

Olin Corporation
Wilmington, MA Facility

Location	Port	Distance (ft)	Parameter	Concentration in Lower Port (mg/l or umhos)	Concentration in Upper Port (mg/l or umhos)	Time (years)	Diffusion** Coefficient (cm^2/sec)
MP-1							
	4 to 5*	2.5	Cl	6400	900	25	1.70E-06
	4 to 5*	2.5	SO4	42000	5300	25	1.58E-06
	4 to 5*	2.5	Cr	400	2.5	25	4.89E-07
	4 to 5*	2.5	Na	9300	830	25	1.28E-06
	4 to 5	2.5	SO4	31000	4800	25	1.80E-06
	4 to 5	2.5	Cr	350	3.5	25	5.56E-07
	4 to 5	2.5	Na	8900	800	25	1.28E-06
	4 to 5	2.5	Sp. Con.	45300	9900	25	2.43E-06
	5 to 6	1.5	Cl	8300	55	25	1.82E-07
	5 to 6	1.5	SO4	4800	720	25	6.37E-07
	5 to 6	1.5	Cr	3.5	0.029	25	1.90E-07
	5 to 6	1.5	Na	800	85	25	5.01E-07
	5 to 6	1.5	NH3	620	64	25	4.93E-07
	5 to 6	1.5	Sp. Con.	9900	1849	25	7.66E-07
MP-2							
	4 to 6	3	Cl	11000	500	25	1.31E-06
	4 to 6	3	SO4	52000	2500	25	1.35E-06
	4 to 6	3	Cr	1600	18	25	8.27E-07
	4 to 6	3	Na	15000	700	25	1.33E-06
	4 to 6	3	Sp. Con.	74000	6040	25	1.75E-06
	6 to 7	1.5	Cl	500	55	25	5.19E-07
	6 to 7	1.5	SO4	2500	190	25	4.18E-07
	6 to 7	1.5	Cr	18	1.2	25	3.92E-07
	6 to 7	1.5	Na	700	74	25	5.01E-07
	6 to 7	1.5	Sp. Con.	6040	693	25	5.28E-07
MP-3							
	7 to 8	1.5	Cl	900	240	25	1.06E-06
	7 to 8	1.5	SO4	3900	560	25	6.13E-07
	7 to 8	1.5	Cr	3	0.23	25	4.24E-07
	7 to 8	1.5	Na	1100	210	25	7.66E-07
	7 to 8	1.5	NH3	910	130	25	6.13E-07
	7 to 8	1.5	Sp. Con.	11650	2310	25	8.00E-07

Notes:
* = Data from 4/96 sampling, all other data from 5/96 sampling
**Typical range for these parameters in porous media = 5.00E-06 to 5.00 E-08 cm^2/sec

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Particle Tracking Results
Olin Corporation: Wilmington, MA Facility

Particle Number	Well	Elevation at Well (feet msl)	Wv (%)	Travel Time (days)	Time Step Index	X Model Coordinate (feet)	Y Model Coordinate (feet)	Z Model Coordinate (feet msl)	Water Quality at Selected Point*
Scenario 1- Wet season with all municipal wells pumping at 5 yr. average rates, particles to Butters Row No. 1 and Chestnut St. No. 1									
1	BR1	60	2.50	28	e	2120	3951	75	s
2	BR1	60	2.71	35	e	2122	3854	73	s
3	BR1	60	3.68	33	e	2076	3776	79	s
4	BR1	60	0.91	54	e	2102	3997	75	s
5	BR1	60	1.39	37	e	2052	3798	79	s
6	BR1	60	2.84	28	e	2014	3781	79	s
7	BR1	60	0.99	105	e	1740	3840	79	b
8	BR1	60	1.44	121	e	1942	3599	78	s
9	BR1	60	2.87	68	e	2007	3656	77	s
10	BR1	53	4.72	38	e	2069	3724	79	s
11	BR1	53	4.68	63	e	2175	3773	72	s
12	BR1	53	4.54	42	e	2182	3912	75	s
13	BR1	53	3.47	108	e	2294	4000	64	s
14	BR1	53	3.32	189	e	2285	4087	64	s
15	BR1	53	3.57	319	e	1815	3454	78	s
16	BR1	53	3.73	145	e	1924	3532	78	s
17	BR1	53	4.60	65	e	2031	3641	77	s
18	BR1	38	4.72	133	e	2124	3608	72	s
19	BR1	38	4.68	60	2	2200	3779	37	100% GW-86M
20	BR1	38	4.54	120	4	2331	3834	37	100% GW-86M
21	BR1	38	3.47	150	5	2366	3970	31	100% GW-86M
22	BR1	38	3.32	270	9	2413	4040	22	100% GW-86M
23	BR1	38	3.57	400	e	1858	3405	78	s
24	BR1	38	3.73	228	e	1949	3461	76	s
25	BR1	38	4.60	148	e	2054	3540	75	s
26	BR1	30	1.99	240	8	2432	3803	-10	100% GW-87D
27	BR1	30	1.70	180	6	2318	3724	-1	48.1% GW-87D, 35.5% GW-86D, 16.4% GW-85D
28	BR1	30	2.58	330	11	2326	3525	20	50.6% GW-86M, 49.4% GW-85M
29	BR1	30	1.13	330	11	2495	3878	-14	100% GW-87D
30	BR1	30	0.46	3600	120	3295	3036	-16	100% GW-83D
31	BR1	30	1.99	120	4	2105	3611	18	67.4% GW-86M, 32.6% GW-85M
32	BR1	30	1.75	768	e	1961	3351	74	s
33	BR1	30	1.42	527	e	2074	3366	73	s
34	BR1	30	2.40	396	e	2085	3403	74	s

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TABLE 5-2

Particle Tracking Results
Olin Corporation: Wilmington, MA Facility

Particle Number	Well	Elevation at Well (feet msl)	Wv (%)	Travel Time (days)	Time Step Index	X Model Coordinate (feet)	Y Model Coordinate (feet)	Z Model Coordinate (feet msl)	Water Quality at Selected Point*
Scenario 1 - continued									
35	CH1	60	3.25	37	e	2047	2913	72	s
36	CH1	60	2.55	31	e	2077	2821	74	s
37	CH1	60	2.42	56	e	2161	2710	71	s
38	CH1	60	2.43	22	e	1913	2936	72	s
39	CH1	60	1.37	29	e	2007	2876	74	s
40	CH1	60	1.11	261	e	2208	2500	65	s
41	CH1	60	2.23	20	e	1812	2940	73	s
42	CH1	60	0.96	25	e	1781	2905	74	s
43	CH1	60	0.51	38	e	1973	2568	75	b
44	CH1	52	2.61	934	e	2786	2118	80	b
45	CH1	52	5.34	198	e	2382	2741	53	s
46	CH1	52	5.43	39	e	2106	2871	70	s
47	CH1	52	3.45	65	e	2017	3030	72	s
48	CH1	52	3.40	45	e	1847	3049	72	s
49	CH1	52	2.80	42	e	1743	3010	74	s
50	CH1	52	3.04	67	e	1682	3024	75	s
51	CH1	52	2.94	82	e	2093	2412	72	s
52	CH1	36	2.61	1792	e	3216	1081	83	b
53	CH1	36	5.34	240	8	2407	2742	23	100% GW-85M
54	CH1	36	5.43	823	e	2650	2906	59	s
55	CH1	36	3.45	439	e	2312	3144	52	s
56	CH1	36	3.40	170	e	1937	3212	72	s
57	CH1	36	2.80	117	e	1754	3156	75	s
58	CH1	36	3.04	146	e	1686	3141	76	s
59	CH1	36	2.94	1330	e	3050	1344	82	b
60	CH1	28	4.37	5250	175	3190	2912	-15	100% GW-83D
61	CH1	28	1.95	1050	35	2557	2951	-3	100% GW-85D
62	CH1	28	1.99	2504	e	3136	811	85	b
63	CH1	28	4.16	4650	155	3297	2917	-5	100% GW-83M
64	CH1	28	1.42	4860	162	3197	2903	-5	100% GW-83M
65	CH1	28	1.46	2281	e	3146	801	85	b
66	CH1	28	4.67	470	e	2023	3301	73	s
67	CH1	28	2.56	295	e	1922	3269	72	s
68	CH1	28	2.59	419	e	1989	3299	72	s

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TABLE 5-2

Particle Tracking Results
Olin Corporation: Wilmington, MA Facility

Particle Number	Well	Elevation at Well (feet msl)	Wv (%)	Travel Time (days)	Time Step Index	X Model Coordinate (feet)	Y Model Coordinate (feet)	Z Model Coordinate (feet msl)	Water Quality at Selected Point*
Scenario 2 - Wet season with Butters Row No. 1 pumping at 1 MGD (all other muncipal wells off), particles to Butters Row No. 1									
1	BR1	60	3.22	62	e	2204	4085	64	s
2	BR1	60	2.59	10	e	2119	3919	75	b
3	BR1	60	3.63	13	e	2083	3781	79	s
4	BR1	60	1.97	229	e	2187	4713	78	b
5	BR1	60	0.46	11	e	2035	3871	77	b
6	BR1	60	2.58	13	e	2009	3754	79	s
7	BR1	60	2.70	206	e	1656	4528	79	b
8	BR1	60	1.91	120	e	1521	3642	79	b
9	BR1	60	3.18	62	e	1904	3523	78	s
10	BR1	53	3.88	16	e	2065	3717	79	s
11	BR1	53	3.92	30	e	2192	3788	72	s
12	BR1	53	3.87	20	e	2192	3968	75	s
13	BR1	53	3.67	130	e	2401	4350	62	s
14	BR1	53	3.63	254	e	2129	4773	78	b
15	BR1	53	3.57	457	e	1093	4213	79	b
16	BR1	53	3.60	254	e	1716	3216	77	b
17	BR1	53	3.82	37	e	1969	3555	78	s
18	BR1	38	3.88	170	e	2141	3373	72	s
19	BR1	38	3.92	60	2	2315	3748	32	77.5% GW-86M, 22.5% GW-85M
20	BR1	38	3.87	90	3	2436	3968	29	100% GW-86M
21	BR1	38	3.67	305	e	2595	4391	76	b
22	BR1	38	3.63	377	e	2253	4900	63	b
23	BR1	38	3.57	610	e	1022	4333	79	b
24	BR1	38	3.60	454	e	1722	3040	74	b
25	BR1	38	3.82	96	e	1983	3415	76	s
26	BR1	30	2.71	90	3	2350	4181	-1	54.2% GW-65D, 45.8% GW-86M
27	BR1	30	1.40	120	4	2463	3884	-17	100% GW-87D
28	BR1	30	1.90	90	3	2274	3623	8	64.5% GW-86M, 35.5% GW-85M
29	BR1	30	2.40	1629	e	3333	5657	82	b
30	BR1	30	0.59	5489	e	4999	6133	85	b
31	BR1	30	1.42	60	2	2037	3536	15	61.9% GW-86M, 38.1% GW-85M
32	BR1	30	3.07	4109	e	4894	6138	85	b
33	BR1	30	2.00	1681	e	316	2776	81	b
34	BR1	30	2.38	714	e	1910	2909	72	b

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TABLE 5-2

Particle Tracking Results
Olin Corporation: Wilmington, MA Facility

Particle Number	Well	Elevation at Well (feet msl)	Wv (%)	Travel Time (days)	Time Step Index	X Model Coordinate (feet)	Y Model Coordinate (feet)	Z Model Coordinate (feet msl)	Water Quality at Selected Point*
Scenario 3 - Dry season with all municipal wells pumping at 5 yr. average rates, particles to Butters Row No. 1 and Chestnut St. No. 1									
1	BR1	60	3.82	33	e	2164	3878	73	s
2	BR1	60	4.05	19	e	2120	3872	73	s
3	BR1	60	5.13	22	e	2122	3822	73	s
4	BR1	60	1.69	44	e	2170	3896	73	s
5	BR1	60	2.15	26	e	2104	3837	73	s
6	BR1	60	3.82	34	e	2118	3764	72	s
7	BR1	60	0.82	111	e	1796	3776	72	b
8	BR1	60	1.57	91	e	2102	3627	72	s
9	BR1	60	3.52	61	e	2116	3673	72	s
10	BR1	53	4.74	44	e	2168	3734	72	s
11	BR1	53	4.97	31	e	2175	3813	73	s
12	BR1	53	4.80	64	e	2327	3841	52	s
13	BR1	53	3.23	85	e	2366	3925	53	s
14	BR1	53	2.92	86	e	2294	4024	64	s
15	BR1	53	2.94	324	e	2308	3374	69	s
16	BR1	53	3.16	245	e	2419	3452	69	s
17	BR1	53	4.49	79	e	2173	3642	72	s
18	BR1	38	4.74	189	e	2547	3608	71	s
19	BR1	38	4.97	30	1	2192	3819	37	s
20	BR1	38	4.80	60	2	2314	3851	29	100% GW-86M
21	BR1	38	3.23	90	3	2383	3917	31	100% GW-86M
22	BR1	38	2.92	120	4	2381	3949	21	100% GW-86M
23	BR1	38	2.94	508	e	2783	3290	59	s
24	BR1	38	3.16	333	e	2627	3383	63	s
25	BR1	38	4.49	120	4	2294	3586	37	59.2% GW-86M, 40.8% GW-85M
26	BR1	30	1.57	120	4	2446	3788	0	100% GW-86D
27	BR1	30	1.56	90	3	2339	3770	2	66.0% GW-86M, 19.2% GW-85M, 14.9% GW-84M
28	BR1	30	2.06	90	3	2316	3718	5	61.6% GW-86M, 22.1% GW-85M, 16.3% GW-84M
29	BR1	30	0.72	150	5	2456	3825	-16	100% GW-87D
30	BR1	30	0.72	120	4	2362	3703	-10	49.5% GW-87D, 34.4% GW-86D, 16.1% GW-85D
31	BR1	30	1.53	120	4	2336	3645	6	62.5% GW-86M, 37.5% GW-85M
32	BR1	30	0.64	210	7	2495	3856	-19	100% GW-87D
33	BR1	30	0.63	210	7	2338	3518	4	50.6% GW-85M, 49.4% GW-86M
34	BR1	30	1.49	150	5	2317	3574	11	56.6% GW-86M, 43.4% GW-85M

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TABLE 5-2

Particle Tracking Results
Olin Corporation: Wilmington, MA Facility

Particle Number	Well	Elevation at Well (feet msl)	Wv (%)	Travel Time (days)	Time Step Index	X Model Coordinate (feet)	Y Model Coordinate (feet)	Z Model Coordinate (feet msl)	Water Quality at Selected Point*
Scenario 3 - continued									
35	CH1	60	3.16	21	e	2050	2870	73	s
36	CH1	60	2.63	25	e	2094	2817	73	s
37	CH1	60	2.48	37	e	2157	2739	71	s
38	CH1	60	2.30	21	e	1981	2922	72	s
39	CH1	60	1.50	17	e	2012	2838	73	s
40	CH1	60	1.23	29	e	2114	2714	71	s
41	CH1	60	1.96	30	1	1917	2986	72	s
42	CH1	60	0.88	34	e	1902	2987	72	s
43	CH1	60	0.20	57	e	2152	2629	71	b
44	CH1	52	2.62	238	e	2682	2684	68	s
45	CH1	52	5.83	175	e	2580	2787	58	s
46	CH1	52	5.92	24	e	2105	2842	70	s
47	CH1	52	3.44	40	e	2070	2948	72	s
48	CH1	52	3.33	52	e	1987	3041	72	s
49	CH1	52	2.63	97	e	1893	3117	71	s
50	CH1	52	2.89	276	e	1933	3206	72	b
51	CH1	52	2.89	189	e	2522	2570	68	s
52	CH1	36	2.62	349	e	2944	2731	65	b
53	CH1	36	5.83	400	e	3061	2823	60	b
54	CH1	36	5.92	307	e	2863	2890	63	b
55	CH1	36	3.44	180	6	2512	2973	32	100% GW-85M
56	CH1	36	3.33	154	e	2334	3065	51	s
57	CH1	36	2.63	190	e	2112	3175	69	s
58	CH1	36	2.89	434	e	2261	3236	67	s
59	CH1	36	2.89	520	e	3249	2598	72	b
60	CH1	28	4.43	450	15	2506	3075	14	100% GW-83M
61	CH1	28	2.19	330	11	2563	2930	-3	100% GW-85D
62	CH1	28	2.03	360	12	2595	2801	2	100% GW-85M
63	CH1	28	4.12	540	18	2590	3053	-2	100% GW-85D
64	CH1	28	1.46	510	17	2580	3057	-1	100% GW-85D
65	CH1	28	1.21	1385	e	3495	2526	62	b
66	CH1	28	4.52	570	19	2589	3060	-3	100% GW-85D
67	CH1	28	2.37	360	12	2552	3096	19	100% GW-85M
68	CH1	28	2.22	360	12	2544	3097	17	100% GW-85M

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TABLE 5-2

Particle Tracking Results
Olin Corporation: Wilmington, MA Facility

Particle Number	Well	Elevation at Well (feet msl)	Wv (%)	Travel Time (days)	Time Step Index	X Model Coordinate (feet)	Y Model Coordinate (feet)	Z Model Coordinate (feet msl)	Water Quality at Selected Point*
Scenario 4 - Dry season with Butters Row No. 1 pumping at 1 MGD (all other muncipal wells off), particles to Butters Row No. 1									
1	BR1	60	3.35	30	e	2216	4053	64	s
2	BR1	60	2.97	9	e	2133	3892	72	s
3	BR1	60	3.35	9	e	2114	3826	72	s
4	BR1	60	2.56	69	e	2213	4264	64	s
5	BR1	60	0.88	9	e	2100	3866	72	s
6	BR1	60	2.83	18	e	2108	3718	72	s
7	BR1	60	2.94	322	e	2217	4534	58	b
8	BR1	60	2.34	267	e	1657	3152	73	b
9	BR1	60	3.11	95	e	2047	3389	73	s
10	BR1	53	4.14	22	e	2158	3709	72	s
11	BR1	53	4.28	12	e	2170	3836	72	s
12	BR1	53	4.22	26	e	2305	3962	53	s
13	BR1	53	3.85	54	e	2338	4172	53	s
14	BR1	53	3.75	134	e	2338	4391	53	s
15	BR1	53	3.62	1254	e	695	2726	74	b
16	BR1	53	3.66	540	18	2472	2924	40	s
17	BR1	53	4.01	120	e	2279	3357	71	s
18	BR1	38	4.14	174	e	2623	3454	68	s
19	BR1	38	4.28	111	e	2554	3672	71	s
20	BR1	38	4.22	60	2	2430	3913	24	100% GW-86M
21	BR1	38	3.85	30	1	2211	4166	25	51.7% GW-86M, 48.3% GW-65D
22	BR1	38	3.75	234	e	2569	4266	71	b
23	BR1	38	3.62	2771	e	763	1544	75	b
24	BR1	38	3.66	600	20	2477	2883	27	100% GW-85M
25	BR1	38	4.01	300	10	2760	3192	59	s
26	BR1	30	2.00	90	3	2491	4013	-2	63.0% GW-87D, 37.0% GW-86D
27	BR1	30	1.15	90	3	2498	3809	-15	100% GW-87D
28	BR1	30	1.51	60	2	2345	3699	4	69.0% GW-86M, 31.0% GW-85M
29	BR1	30	1.67	297	e	2923	3952	76	b
30	BR1	30	0.33	603	e	3120	3477	74	b
31	BR1	30	1.03	240	8	2638	3320	14	100% GW-85M
32	BR1	30	2.08	528	e	2935	3975	76	b
33	BR1	30	1.28	1088	e	1286	2529	70	b
34	BR1	30	1.61	360	12	2544	3085	13	100% GW-85M

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TABLE 5-2

Particle Tracking Results
Olin Corporation: Wilmington, MA Facility

Notes:

BR1 = Butters Row No. 1
CH1 = Chestnut Street No. 1
Wv = Percent contribution to well (volumetric weighting factor)
e = endpoint of flow line
s = shallow water from wetlands
b = water quality not affected by Disposal Site or wetlands
* = mixtures are distance-weighted averages

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TABLE 5-3. ESTIMATED SOLUTE CONCENTRATIONS AT BUTTERS ROW NO. 1 AND CHESTNUT STREET NO. 1 WELLS UNDER VARIOUS PUMPING AND SEASONALITY SCENARIOS
(all concentrations in mg/L, unless otherwise noted)

	All Production Wells Pumping						Butters Row No. 1 Pumping		Range of Historical Concentrations	
	Wet Season (Scenario 1)				Dry Season (Scenario 3)		Wet Season(2)	Dry Season(4)		
	Butters Row No. 1[a]		Chestnut Street No. 1[a]		Butters Row No. 1[b]	Chestnut Street No. 1[b]	Butters Row No. 1[c]	Butters Row No. 1[d]	Butters Row No. 1	Chestnut Street No. 1
Analyte	w/ GW-83D	w/ out GW-83D	w/ GW-83D	w/ out GW-83D						
Aluminum	0.32	0.19	1.4	0.19	0.19	0.20	0.19	0.20	0.20 - 0.20	0.20 - 0.20
Ammonia (mg/L as N)	9.7	3.3	65	4.3	2.6	15	2.5	1.5	1.4 - 9.4	0.12 - 4.2
Bicarbonate (as HCO_3)	53	52	45	41	49	60	49.0	47	26 - 71	27 - 80
Calcium	37	35	40	27	33	52	32	25	21 - 44	20 - 38
Chloride	110	93	280	81	89	130	90	79	70 - 140	44 - 126
Iron	15	9.1	57	5	9.1	6.4	7.0	6.1	4.8 - 7.3	1.1 - 1.9
Magnesium	10	8.3	22	6	7.5	13	7.4	5.9	5.0 - 9.8	5.0 - 8.1
Manganese	1.1	0.90	3.0	1.0	0.84	2.1	0.79	0.55	0.57 - 1.3	0.06 - 0.76
Potassium	6.0	5.5	9.4	4.9	5.4	8.2	4.7	5.2	4.0 - 6.0	3.3 - 5.0
Sodium	77	49	310	41	45	67	46	40	41 - 74	41 - 72
Sulfate	190	110	850	87	95	260	92	61	43 - 198	20 - 150
Total Dissolved Solids (estimated from Specific Conductance)	460	330	1600	290	300	590	310	270	311 - 517	279 - 410
Sum negative charge (meq/L)	-7.9	-5.8	-26	-4.8	-5.3	-10	-5.3	-4.3	--	--
Sum positive charge (meq/L)	7.4	5.3	25	4.3	4.9	8.2	4.8	4.0	--	--
Total charge (meq/L)	15	11	51	9.1	10	18	10.0	8.2	--	--
Charge imbalance	-3%	-4%	-4%	-5%	-4%	-10%	-5%	-4%	--	--

[a] Scenario 1 - All production wells pumping at the five year average rate during the wet season.
[b] Scenario 3 - All production wells pumping at the five year average rate during the dry season.
[c] Scenario 2 - Only Butters Row No. 1 pumping at capacity (1 Mgd) during the wet season.
[d] Scenario 4 - Only Butters Row No. 1 pumping at capacity (1 Mgd) during the dry season.

-- Not Applicable

TABLE 6-1

Properties with Abandoned Private Wells and/or Notice of Limitation with Respect to Groundwater In-Place or Planned

Olin Corporation: Wilmington, MA Facility

Property Tax Map Identifier (map and lot)
M-26/L-7A
M-26/L-5
M-26/L-4
M-26/L-3
M-25/L-12
M-25/L-11
M-25/L-10
M-25/L-9
M-25/L-8
M-25/L-7
M-25/L-6
M-25/L-5

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TABLE 6-2

Properties with In-Place or Planned Downgradient Property Status and Groundwater Management Plans

Olin Corporation: Wilmington, MA Facility

Property Tax Map Identifier (map and lot)
M-24/L-207
M-24/L-208
M-24/L-208B
M-24/L-209A
M-24/L-205
M-24/L-206
M-24/L-31A
M-24/L-31C
M-24/L-31D
M-24/L-33A
M-38/L-1
M-38/L-2
M-26/L-2

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TABLE 6-3

Summary of Human Health Risks for Current Land Use

Olin Corporation: Wilmington, MA Facility

Receptor	Exposure Medium	Exposure Point	Exposure Pathway	Cancer Risk ELCR	Non-cancer risk HI
On-Property Worker	Surface Soil	Sulfate Landfill	Ingestion	1E-07	0.002
			Dermal Contact	3E-07	0.003
			Fugitive Dust Inhalation	2E-09	0.0008
			Total:	4E-07	0.006
	Surface Soil	Entire Site (excluding Sulfate Landfill)	Ingestion	3E-07	0.003
			Dermal Contact	1E-06	0.006
			Fugitive Dust Inhalation	9E-08	0.0009
			Total:	1E-06	0.01
	Surface Water	On-Site Ditches	Ingestion	3E-08	0.0005
			Dermal Contact	4E-08	0.01
			Total:	7E-08	0.01
	Sediment	On-Site Ditches	Ingestion	4E-07	0.004
			Dermal Contact	5E-07	0.005
			Total:	9E-07	0.009
	Groundwater	Building Air	Inhalation	2E-11	0.007
			Total	3E-11	0.007
	Groundwater	Butter's Row Treatment Plant	Ingestion	NA	0.05
			Total	NA	0.05
			Total Receptor Risk:	**2E-06**	**0.09**

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TABLE 6-3

Summary of Human Health Risks for Current Land Use

Olin Corporation: Wilmington, MA Facility

Receptor	Exposure Medium	Exposure Point	Exposure Pathway	Cancer Risk ELCR	Non-cancer risk HI
Utility Worker	Surface Soil	Entire Site (excluding Sulfate Landfill)	Ingestion	2E-09	0.02
			Dermal Contact	7E-10	0.003
			Fugitive Dust Inhalation	5E-11	0.004
			Total:	3E-09	0.03
	Subsurface Soil	Entire Site (excluding Sulfate Landfill)	Ingestion	9E-10	0.006
			Dermal Contact	3E-10	0.002
			Fugitive Dust Inhalation	3E-11	0.003
			Total:	1E-09	0.01
			Total Receptor Risk:	**4E-09**	**0.04**
Off-Property Worker	Groundwater	Process Water	Inhalation	NC	0.8
			Dermal Contact	5E-09	0.02
			Total:	5E-09	0.8
	Groundwater	Building Air	Inhalation	2E-11	0.007
			Total:	2E-11	0.007
	Groundwater	Butter's Row Treatment Plant	Ingestion	NA	0.05
			Total:	NA	0.05
			Total Receptor Risk:	**5E-09**	**0.9**

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TABLE 6-3

Summary of Human Health Risks for Current Land Use

Olin Corporation: Wilmington, MA Facility

Receptor	Exposure Medium	Exposure Point	Exposure Pathway	Cancer Risk ELCR	Non-cancer risk HI
Neighborhood Resident - East Side	Surface Water	Off-Site East Ditch	Ingestion	1E-08	0.0004
			Dermal Contact	5E-08	0.05
			Total:	6E-08	0.05
	Sediment	Off-Site East Ditch	Ingestion	5E-07	0.01
			Dermal Contact	8E-07	0.02
			Total:	1E-06	0.03
	Groundwater	Butter's Row Treatment Plant	Ingestion	NA	0.4
			Total:	NA	0.4
			Total Receptor Risk:	**1E-06**	**0.5**
Neighborhood Resident - West Side	Surface Water	Off-Site West Ditch	Ingestion	8E-11	0.0009
			Dermal Contact	1E-09	0.01
			Total:	1E-09	0.01
	Sediment	Off-Site West Ditch	Ingestion	5E-08	0.006
			Dermal Contact	1E-07	0.03
			Total:	2E-07	0.04
	Groundwater	Butter's Row Treatment Plant	Ingestion	NA	0.4
			Total:	NA	0.4
			Total Receptor Risk:	**2E-07**	**0.4**

Notes:

Risk calculation spreadsheets for surface soil presented in Attachment 6.

Risk calculation spreadsheets for subsurface soil presented in Attachment 7.

Risk calculation spreadsheets for groundwater presented in Attachment 8.

Risk calculation spreadsheets for surface water presented in Attachment 9.

Risk calculation spreadsheets for sediment presented in Attachment 10.

HI = Hazard index

ELCR = Excess lifetime cancer risk

Total Receptor Risk is the sum of risks for each exposure medium to which the receptor is exposed.

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TABLE 6-4

Summary of Human Health Risks for Future Land Use

Olin Corporation: Wilmington, MA Facility

Receptor	Exposure Medium	Exposure Point	Exposure Pathway	Cancer Risk ELCR	Non-cancer risk HI
On-Property Worker (full-time, long-term)	Surface Soil	Sulfate Landfill	Ingestion	1E-06	0.02
			Dermal Contact	2E-06	0.03
			Fugitive Dust Inhalation	2E-08	0.007
			Total:	3E-06	0.06
	Surface Soil	Entire Site (excluding Sulfate Landfill)	Ingestion	2E-06	0.02
			Dermal Contact	5E-06	0.04
			Fugitive Dust Inhalation	3E-07	0.03
			Total:	7E-06	0.09
	Surface Water	On-Site Ditches	Ingestion	3E-08	0.0005
			Dermal Contact	4E-08	0.01
			Total:	7E-08	0.01
	Sediment	On-Site Ditches	Ingestion	4E-07	0.004
			Dermal Contact	5E-07	0.005
			Total:	9E-07	0.009
	Groundwater	Building Air	Inhalation	3E-09	0.1
			Total	3E-09	0.1
	Groundwater	Butter's Row Treatment Plant	Ingestion	NA	0.07
			Total	NA	0.07
			Total Receptor Risk:	**1E-05**	**0.3**

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TABLE 6-4

Summary of Human Health Risks for Future Land Use

Olin Corporation: Wilmington, MA Facility

Receptor	Exposure Medium	Exposure Point	Exposure Pathway	Cancer Risk ELCR	Non-cancer risk HI
Off-Property Worker	Groundwater	Process Water	Inhalation	NC	0.8
			Dermal Contact	5E-09	0.02
			Total:	5E-09	0.8
	Groundwater	Building Air	Inhalation	3E-09	0.1
			Total:	3E-09	0.1
	Groundwater	Butter's Row Treatment Plant	Ingestion	NA	0.07
			Total	NA	0.07
			Total Receptor Risk:	**8E-09**	**1**
Neighborhood Resident	Surface Soil	Sulfate Landfill	Ingestion	7E-08	0.002
			Dermal Contact	1E-07	0.003
			Total:	2E-07	0.005
	Surface Soil	Entire Site (excluding Sulfate Landfill)	Ingestion	1E-07	0.003
			Dermal Contact	4E-07	0.006
			Total:	5E-07	0.009
	Surface Water	All Ditches	Ingestion	1E-08	0.0006
			Dermal Contact	5E-08	0.04
			Total:	6E-08	0.04
	Sediment	All Ditches	Ingestion	4E-07	0.01
			Dermal Contact	8E-07	0.02
			Total:	1E-06	0.03

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TABLE 6-4

Summary of Human Health Risks for Future Land Use

Olin Corporation: Wilmington, MA Facility

Receptor	Exposure Medium	Exposure Point	Exposure Pathway	Cancer Risk ELCR	Non-cancer risk HI
	Groundwater	Butter's Row Treatment Plant	Ingestion	NA	0.5
			Total	NA	0.5
			Total Receptor Risk:	**2E-06**	**0.6**
Construction Worker	Surface Soil	Entire Site (excluding Sulfate Landfill)	Ingestion	4E-08	0.06
			Dermal Contact	2E-08	0.01
			Fugitive Dust Inhalation	1E-09	0.02
			Total:	6E-08	0.09
	Subsurface Soil	Entire Site (excluding Sulfate Landfill)	Ingestion	2E-08	0.03
			Dermal Contact	8E-09	0.008
			Fugitive Dust Inhalation	6E-10	0.01
			Total:	3E-08	0.05
			Total Receptor Risk:	**9E-08**	**0.1**
Utility Worker	Surface Soil	Entire Site (excluding Sulfate Landfill)	Ingestion	2E-09	0.02
			Dermal Contact	7E-10	0.003
			Fugitive Dust Inhalation	5E-11	0.004
			Total:	3E-09	0.03
	Subsurface Soil	Entire Site (excluding Sulfate Landfill)	Ingestion	9E-10	0.006
			Dermal Contact	3E-10	0.002
			Fugitive Dust Inhalation	3E-11	0.003
			Total:	1E-09	0.01
			Total Receptor Risk:	**4E-09**	**0.04**

Notes:

Risk calculation spreadsheets for surface soil presented in Attachment 6.

Risk calculation spreadsheets for subsurface soil presented in Attachment 7.

Risk calculation spreadsheets for groundwater presented in Attachment 8, risks shown here for future conditions are based on most conservative realistic modeling scenario.

Risk calculation spreadsheets for surface water presented in Attachment 9.

Risk calculation spreadsheets for sediment presented in Attachment 10.

Total Receptor Risk is the sum of risks for each exposure medium to which the receptor is exposed.

HI = Hazard index

ELCR = Excess lifetime cancer risk

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TABLE 6-5

Green Frog Risk Evaluation Summary

Stage II Environmental Risk Characterization
Olin Corporation: Wilmington, MA Facility

Media	Receptor	Assessment Endpoint	Measurement Endpoints	Potentially Significant Risk?
Surface Water / Sediment	Green frog	Reduction in resident amphibian population size	• Statistically significant (relative to reference location) laboratory toxicity of embryo African clawed frogs following 96-hr sediment elutriate exposures [A]	Yes (On-Property West Ditch)
			• Population model - 25% decrease in abundance presumed significant. [B]	Yes (On-Property West Ditch)
			• Field observations of presence/absence of amphibians [C]	No
			Comparison of published amphibian toxicity data [D] - to surface water data - to sediment data	Yes NA

WEIGHT OF EVIDENCE

Measurement Result	High Weight	Medium Weight	Low Weight
Yes, Strong		A,B	
Yes, Weak		D	
Indeterminate			
No, Weak	C		
No, Strong			

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TABLE 6-6

Green Heron Risk Evaluation Summary

Stage II Environmental Risk Characterization
Olin Corporation: Wilmington, MA Facility

Media	Receptor	Assessment Endpoint	Measurement Endpoints	Potentially Significant Risk?
Sediment/ Surface Water	Green heron	• Reduction in heron subpopulation size from food chain exposure	• Direct toxicity estimated by comparing published avian ingestion toxicity data to predicted dietary exposures based on measured prey (i.e., small mammal, crayfish and frog) tissue concentrations	No
		• Reduction in heron subpopulation from indirect impacts associated with decreased prey abundance	• Based on frog population modeling and measured laboratory toxicity. Fifty percent decrease in abundance of frog population presumed significant.	No

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TABLE 6-7

Terrestrial Wildlife Risk Evaluation Summary

Stage II Environmental Risk Characterization
Olin Corporation: Wilmington, MA Facility

Media	Receptor	Assessment Endpoint	Measurement Endpoints	Potentially Significant Risk
Surface Soil	Woodcock	• Reduction in woodcock subpopulation size from food chain exposure	• Direct toxicity estimated by comparing published avian ingestion toxicity data to predicted dietary exposures based on measured prey (i.e., earthworms) tissue concentrations following a 28-day laboratory exposure to surface soil from the site.	No
		• Reduction in woodcock subpopulation size from indirect impacts associated with decreased prey abundance	• Based on earthworm (*Eisenia foetida*) laboratory toxicity (i.e., LC_{50} and EC_{50} [growth and reproduction] following 14- and 21-day exposures, respectively). Fifty percent decrease in abundance of worm population presumed significant.	No
	Red fox	• Reduction of red fox subpopulation size from food chain exposure	• Direct toxicity estimated by comparing published mammalian ingestion toxicity data to predicted dietary exposures based on measured prey (i.e., small mammals) tissue concentrations	No

Figures

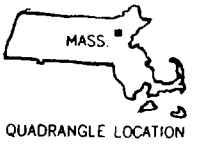
SMITH

Source: USGS Quadrangle Wilmington, MA 1965 (Photorevised 1979)

Smith Environmental Project No. 00-7074-0102

SCALE
0 2083 Ft.

NORTH



QUADRANGLE LOCATION

Figure 1-1
Property Location Map

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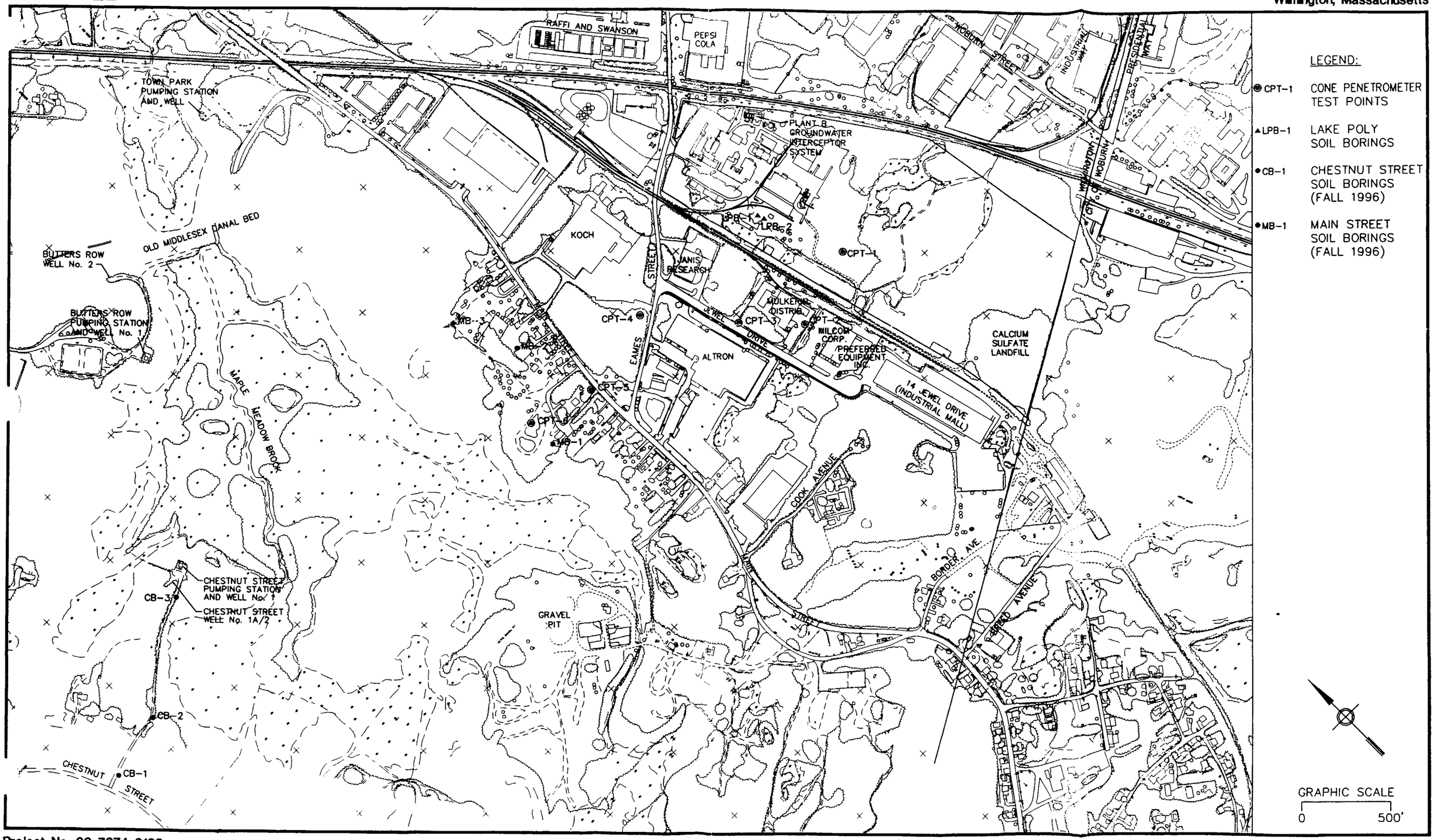
SMITH TECHNOLOGY CORPORATION

Olin Corporation
Wilmington, Massachusetts



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Project No. 00-7074-0102
May 30, 1997

Figure 2-1
Subsurface Soil Investigations

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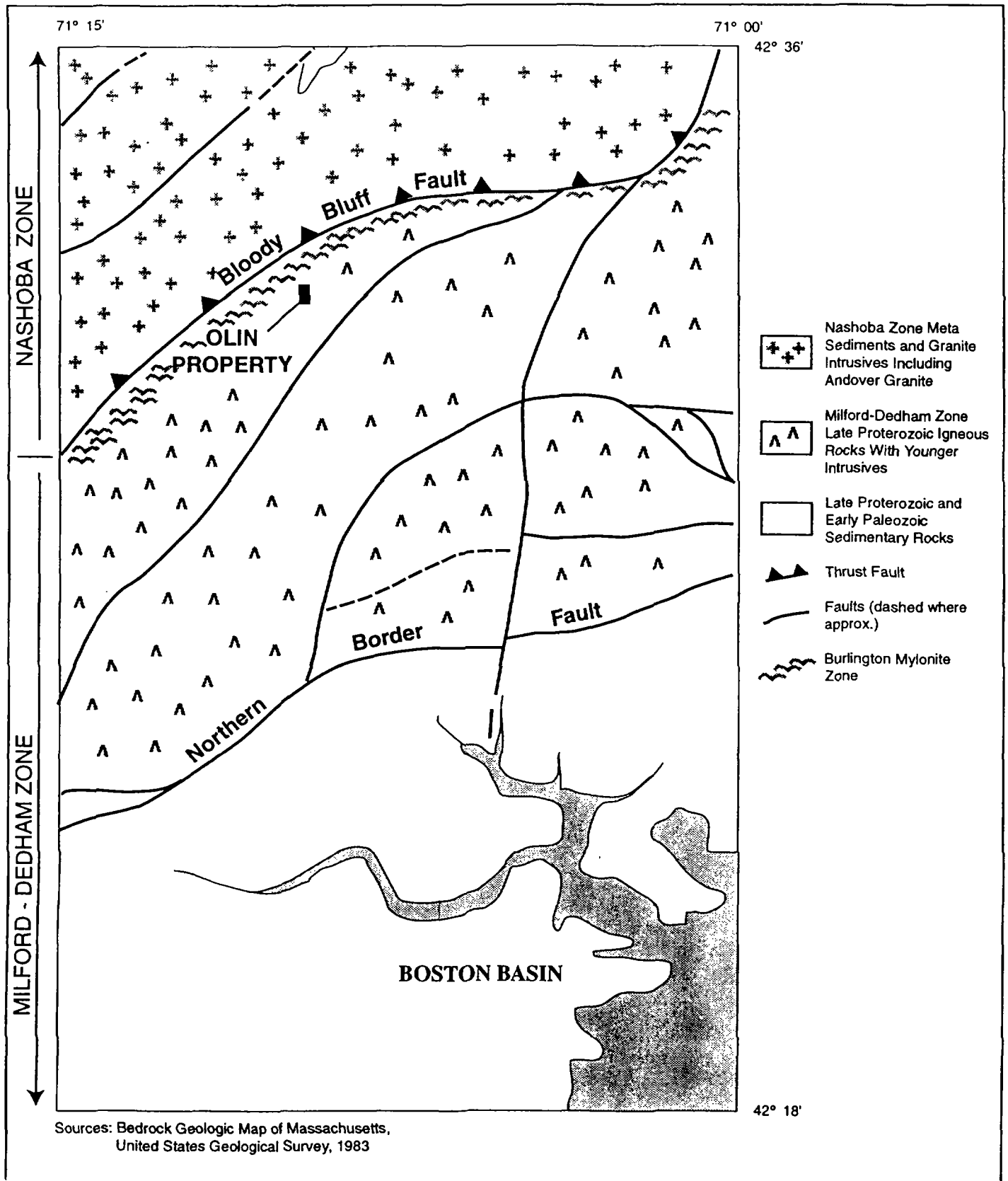


Sources: Bedrock Geologic Map of Massachusetts, United States Geological Survey, 1983

Smith Project No. 00-7074-0102

0 1 2 3 4 miles
SCALE

NORTH

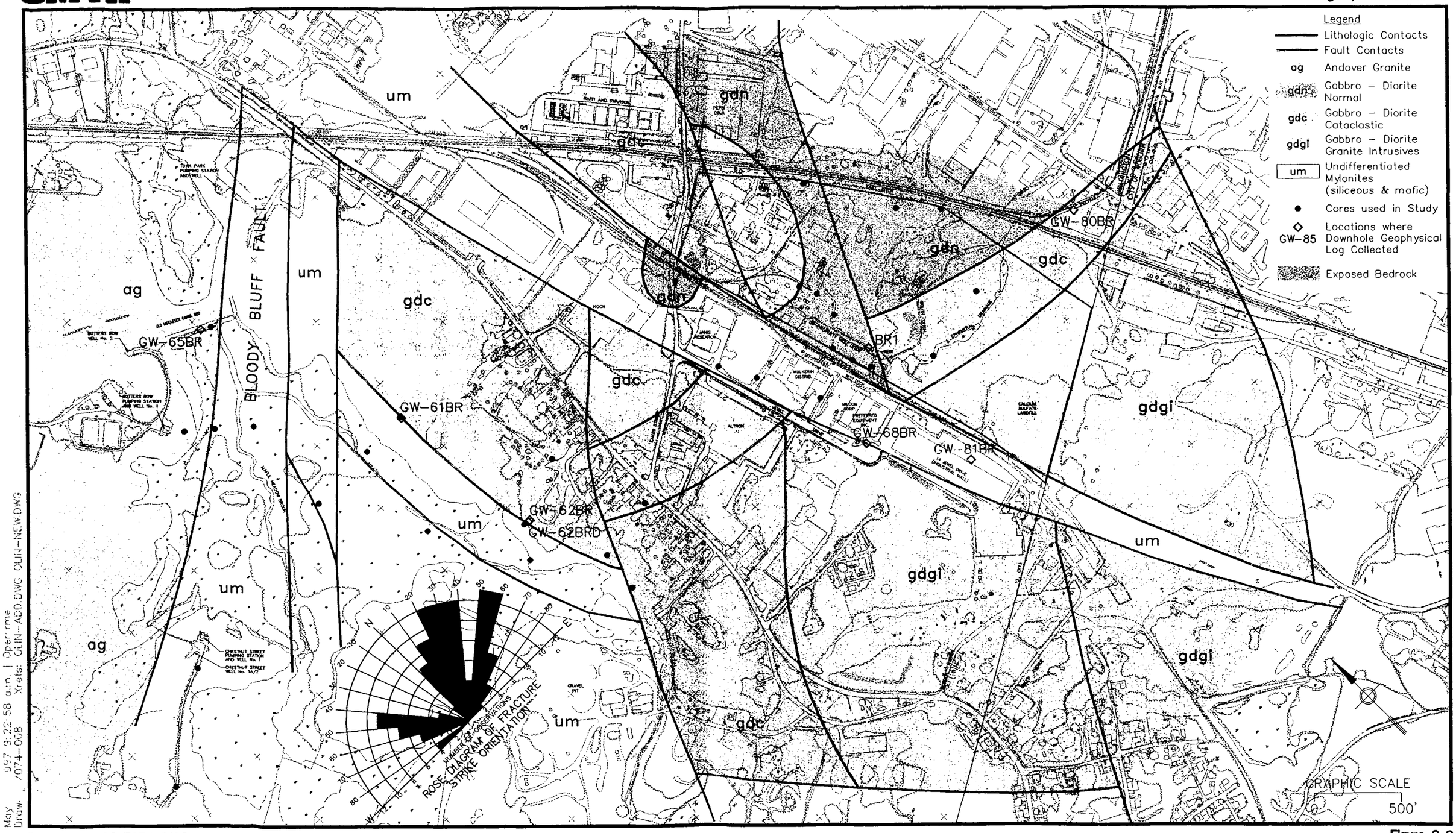
FIGURE 2-2

Regional Bedrock Geologic Map

US EPA ARCHIVE DOCUMENT

SMITH TECHNOLOGY CORPORATION

Olin Corporation
Wilmington, Massachusetts



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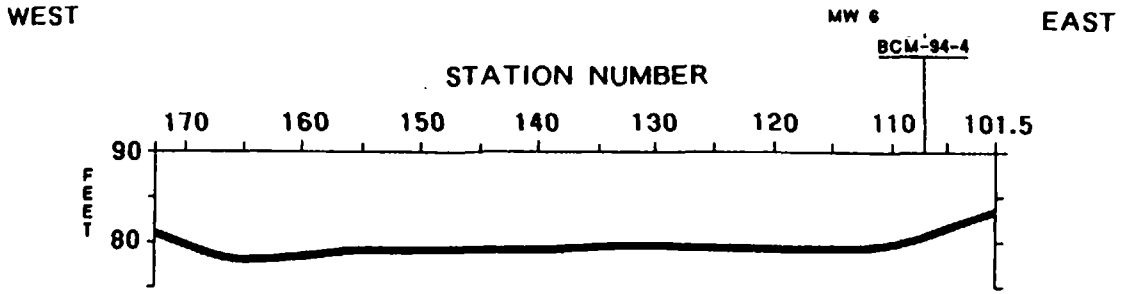
Project No. 00-7074-0102
May 30, 1997

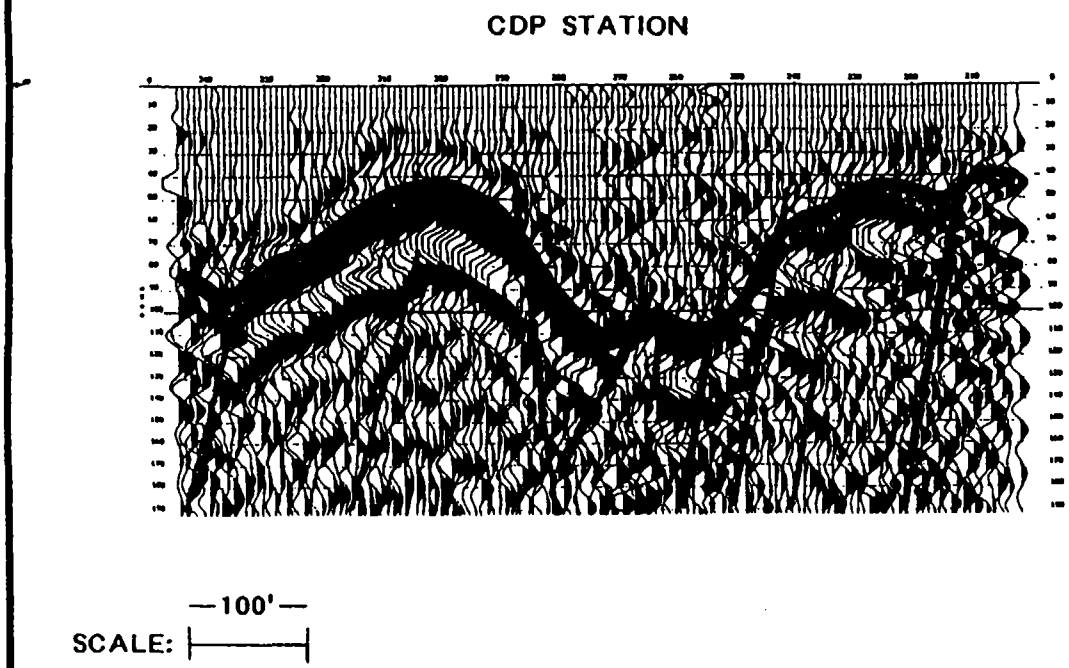
Figure 2-3
Bedrock Geologic Map

US EPA ARCHIVE DOCUMENT

US EPA ARCHIVE DOCUMENT



SURFACE ELEVATIONS



■ PRECAMBRIAN BEDROCK

RAYPATH INCORPORATED

AREA: WETLANDS AREA
LINE: BCM-94-3 DATE: 12-94
LOCATION: WILMINGTON, MA.
CLIENT: BCM ENGINEERS

GEOPHYSICISTS:
STEVEN J. KEENAN BRIAN L. STACHITUS

FIELD PARAMETERS

INSTRUMENTS: BISON
POLARITY: NORMAL
RECORD LENGTH: 192 MS
SAMPLE: .2 MS

SOURCE:
TYPE: SHOTGUN
S.P. INTERVAL: 10'
S.P. OFFSET: VARIABLE

CABLE: MARSH
GROUP INTERVAL: 10'
GEOPHONES: 40 HZ MARSH
SPREAD LENGTH: 130'

FIELD FILTER:
LOW CUT: 35 HZ
HI CUT: 1000 HZ
NOTCH: OUT

PROCESSING SEQUENCE

1. FREQUENCY FILTER: N/A
2. PRE-STACK F/K FILTER: N/A
3. TRACE EDIT
4. FIRST ARRIVAL MUTE: SPATIAL
5. DECONVOLUTION: N/A
6. CDP SORT
7. APPLICATION OF DATUM STATICS;
   DATUM= +84.1 FT VEL= 1200 FT/SEC
8. NMO CORRECTION
9. SURFACE CONSISTENT AUTOMATIC RESIDUAL STATICS
10. FINAL NMO CORRECTION
11. TRIM STATICS
12. CDP STACK; FOLD: 12
13. POST STACK F/K FILTER: N/A
14. MIGRATION: F/K
15. FREQUENCY FILTER:
16. TRACE SCALING: 180 MS AGC

PRINTER DISPLAY

DATE: 12/94
VERTICAL: 12.5 INCHES/SEC
HORIZONTAL: 25 TR/INCH

STACK

Figure 2-4
Example Seismic Profile

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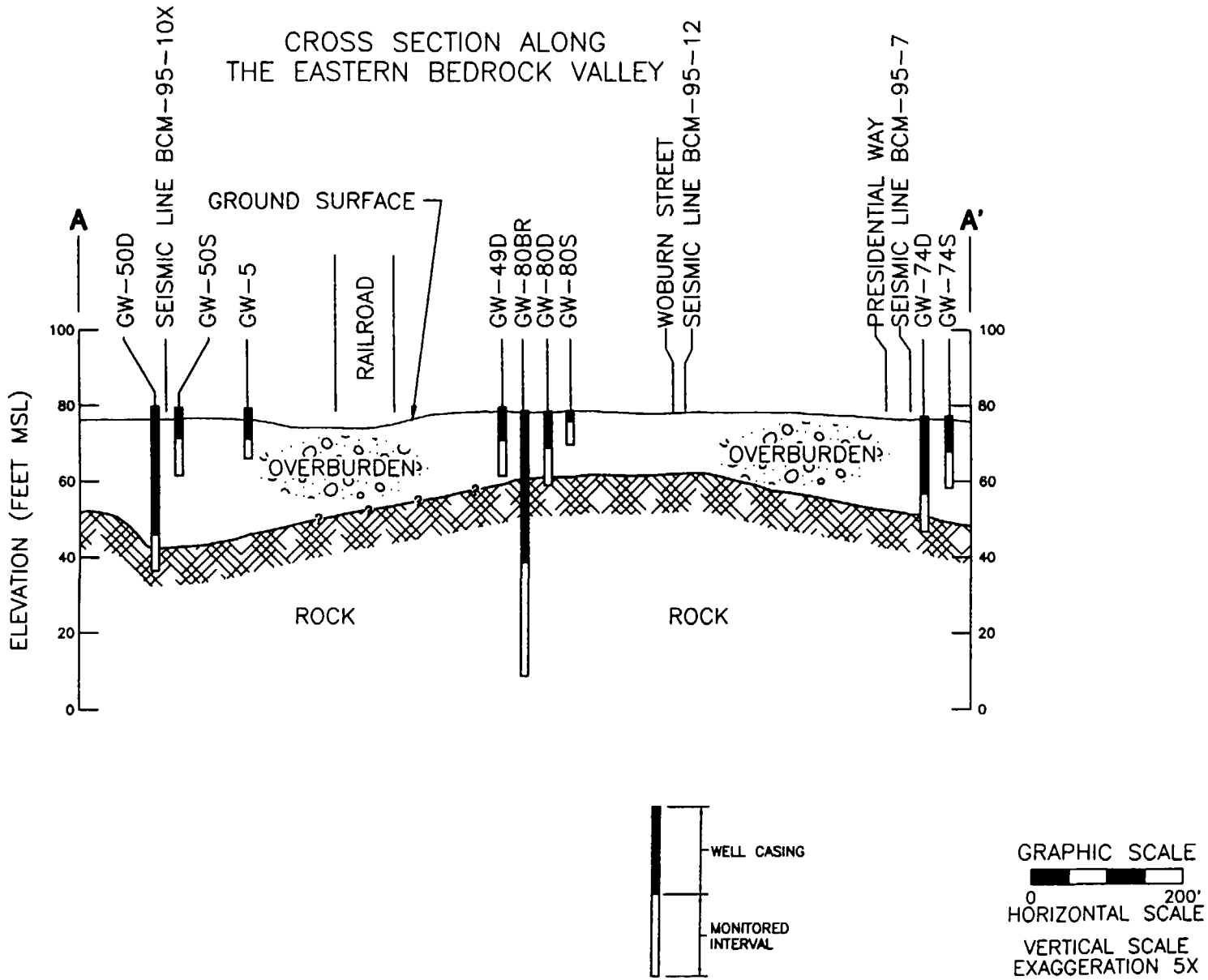
SMITH TECHNOLOGY CORPORATION

Olin Corporation
Wilmington, MA

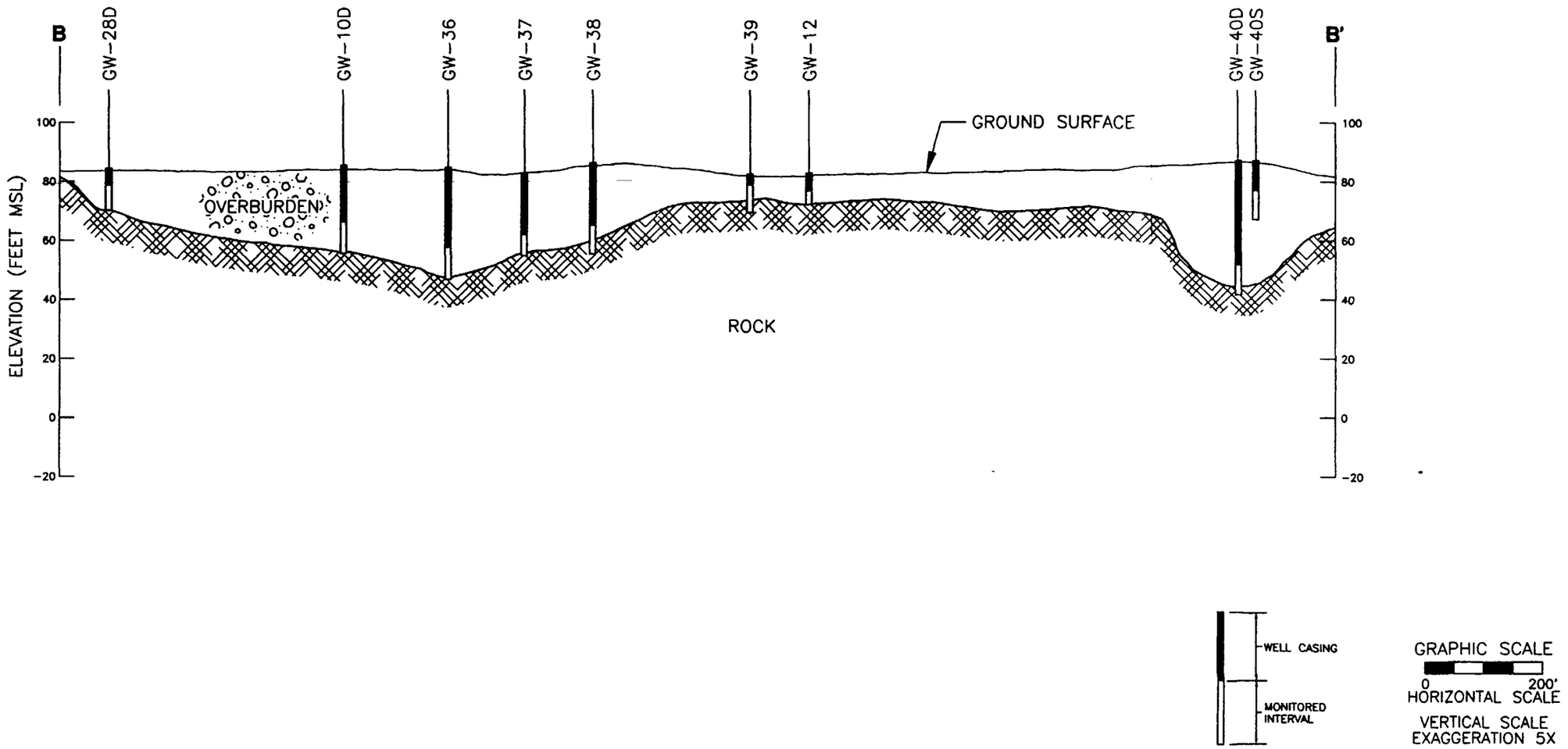


Drawing: 7074-015

Project No. 00-7074-0102
May 30, 1997

Figure 2-5
Cross-Section A-A', Eastern Bedrock Valley

CROSS SECTION ALONG
SEISMIC LINE BCM-94-8
VIEW FACING EAST

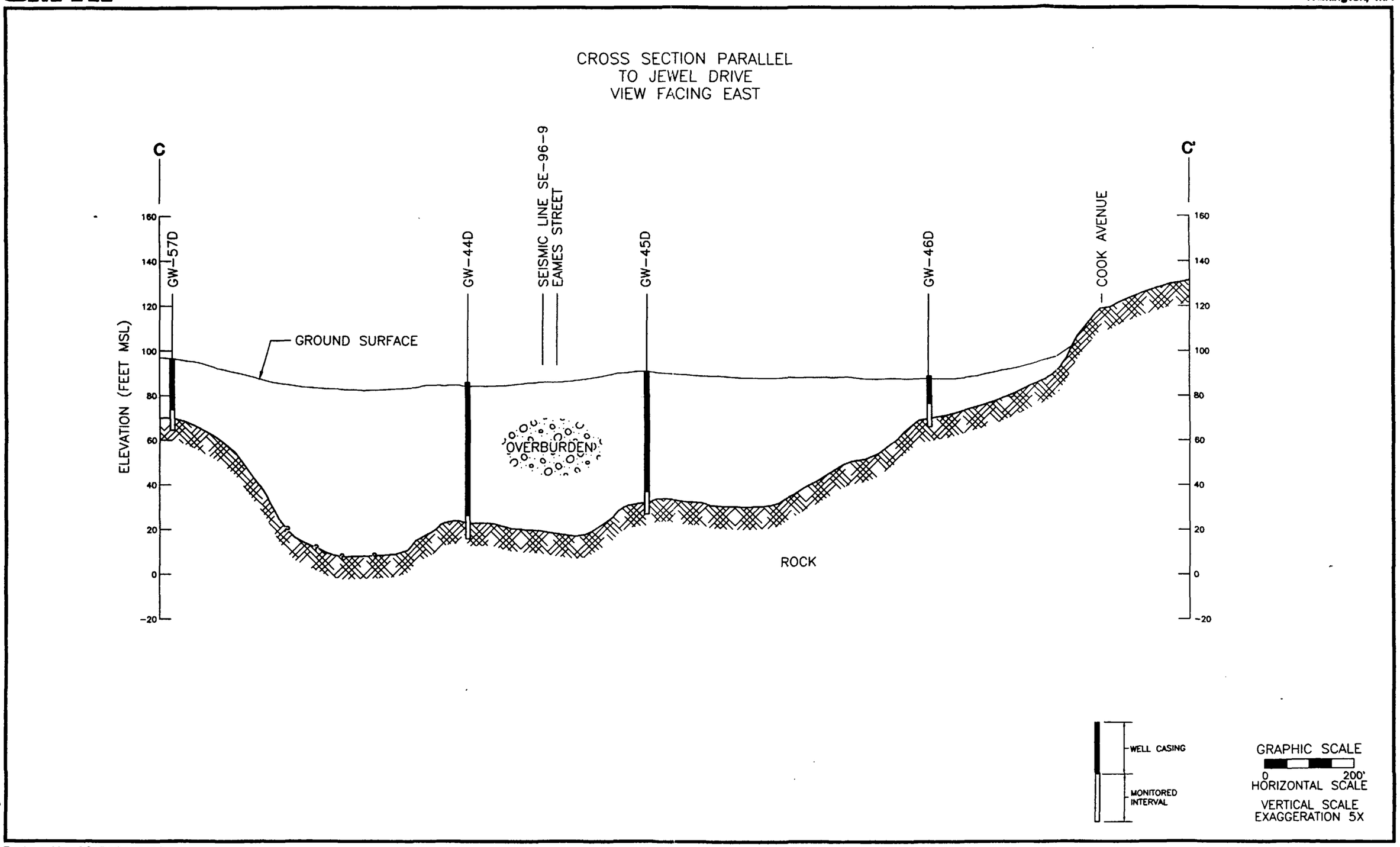


Drawing: 7074-016

Project No. 00-7074-0102
May 30, 1997

Figure 2-6
Cross-Section B-B', Southwestern Bedrock Valley

US EPA ARCHIVE DOCUMENT



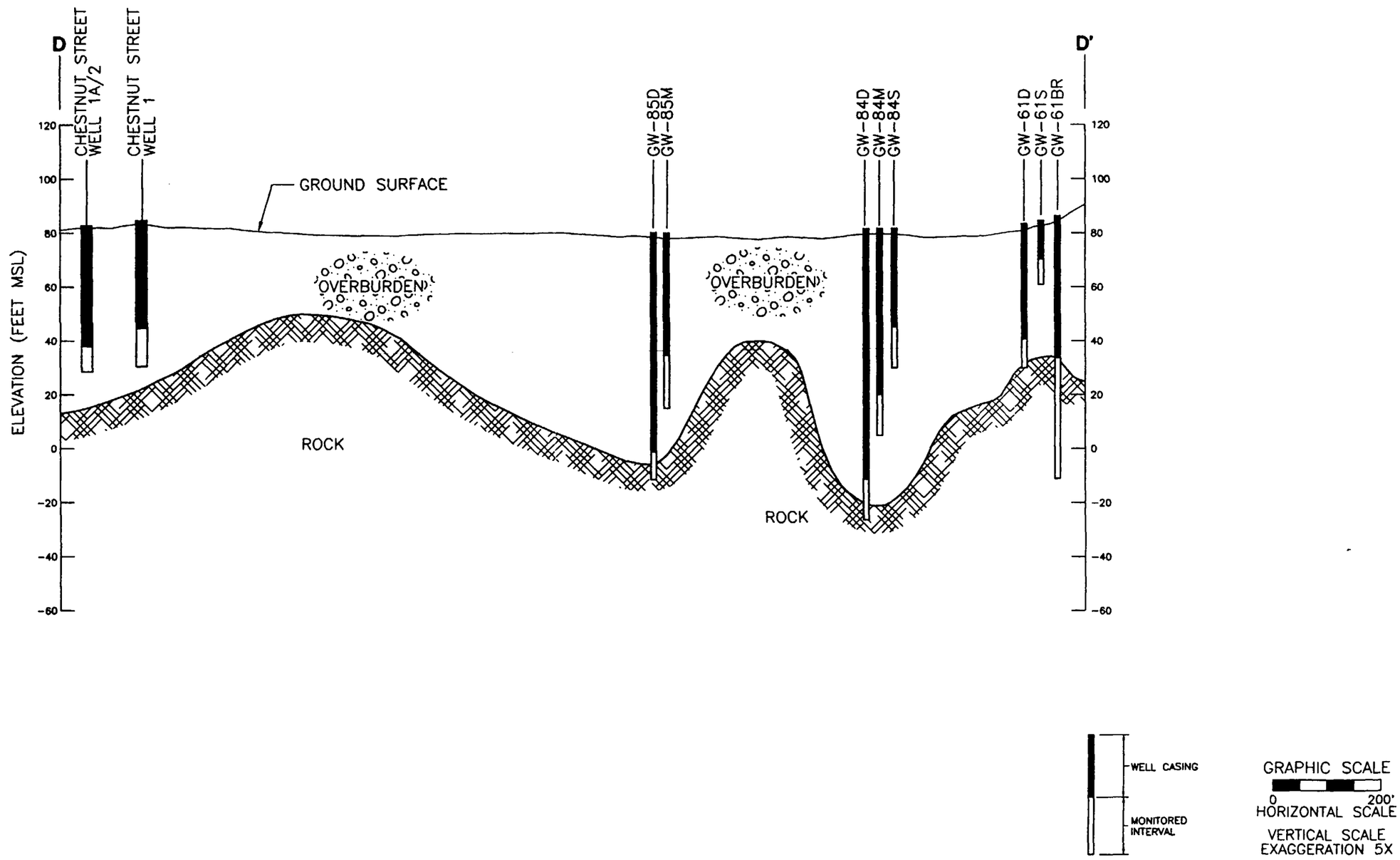
Drawing: 7074-017

Project No. 00-7074-0102
May 30, 1997

Figure 2-7
Cross-Section C-C', Western Bedrock Valley

US EPA ARCHIVE DOCUMENT

CROSS SECTION ALONG SEISMIC LINES
BCM-94-3 AND SE-95-3X
VIEW FACING NORTH



Drawing: 7074-018

Project No. 00-7074-0102
May 30, 1997

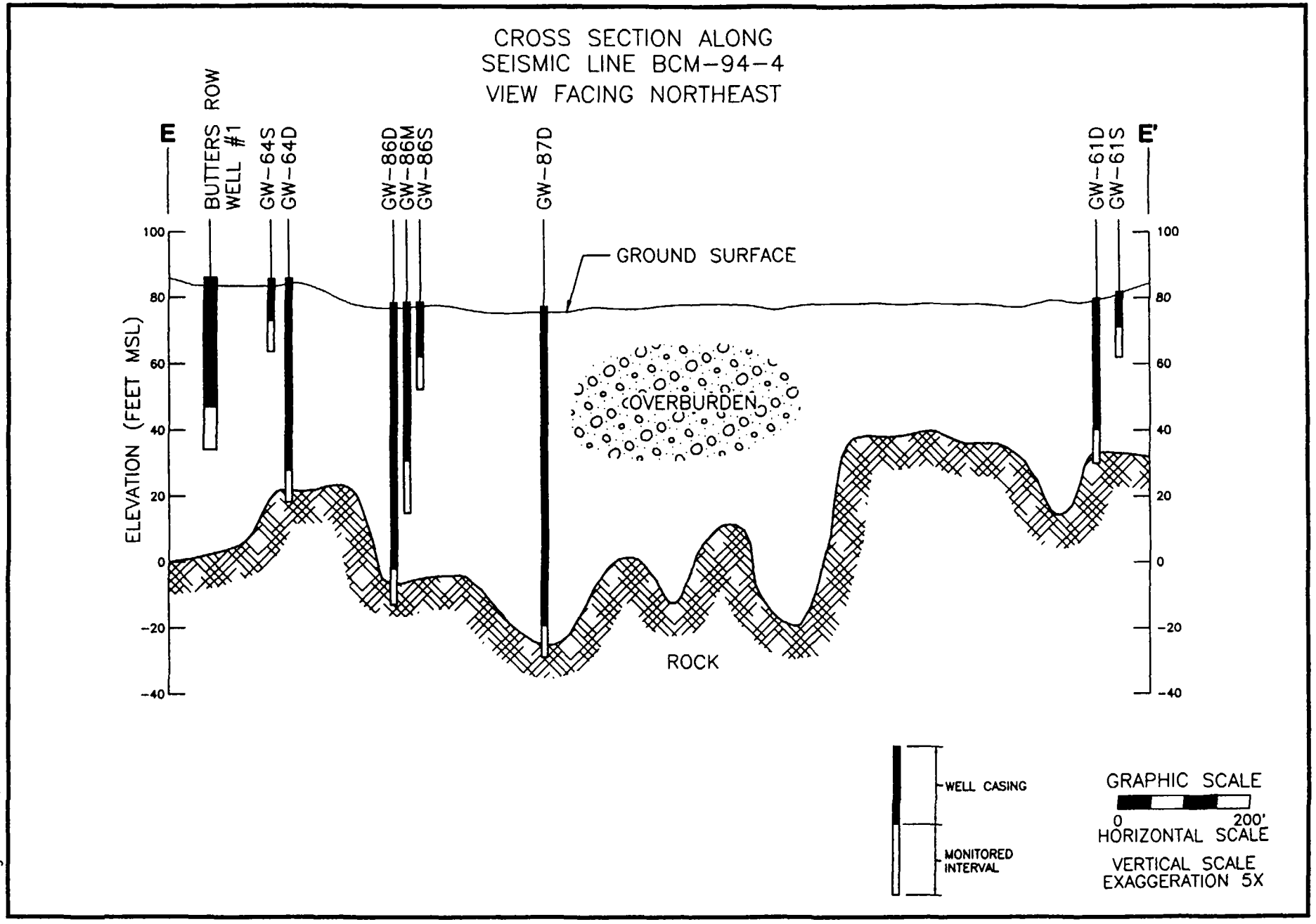
Figure 2-8
Cross-Section D-D'

US EPA ARCHIVE DOCUMENT

US EPA ARCHIVE DOCUMENT

SMITH TECHNOLOGY CORPORATION

Olin Corporation
Wilmington, MA



Drawing: 7074-013

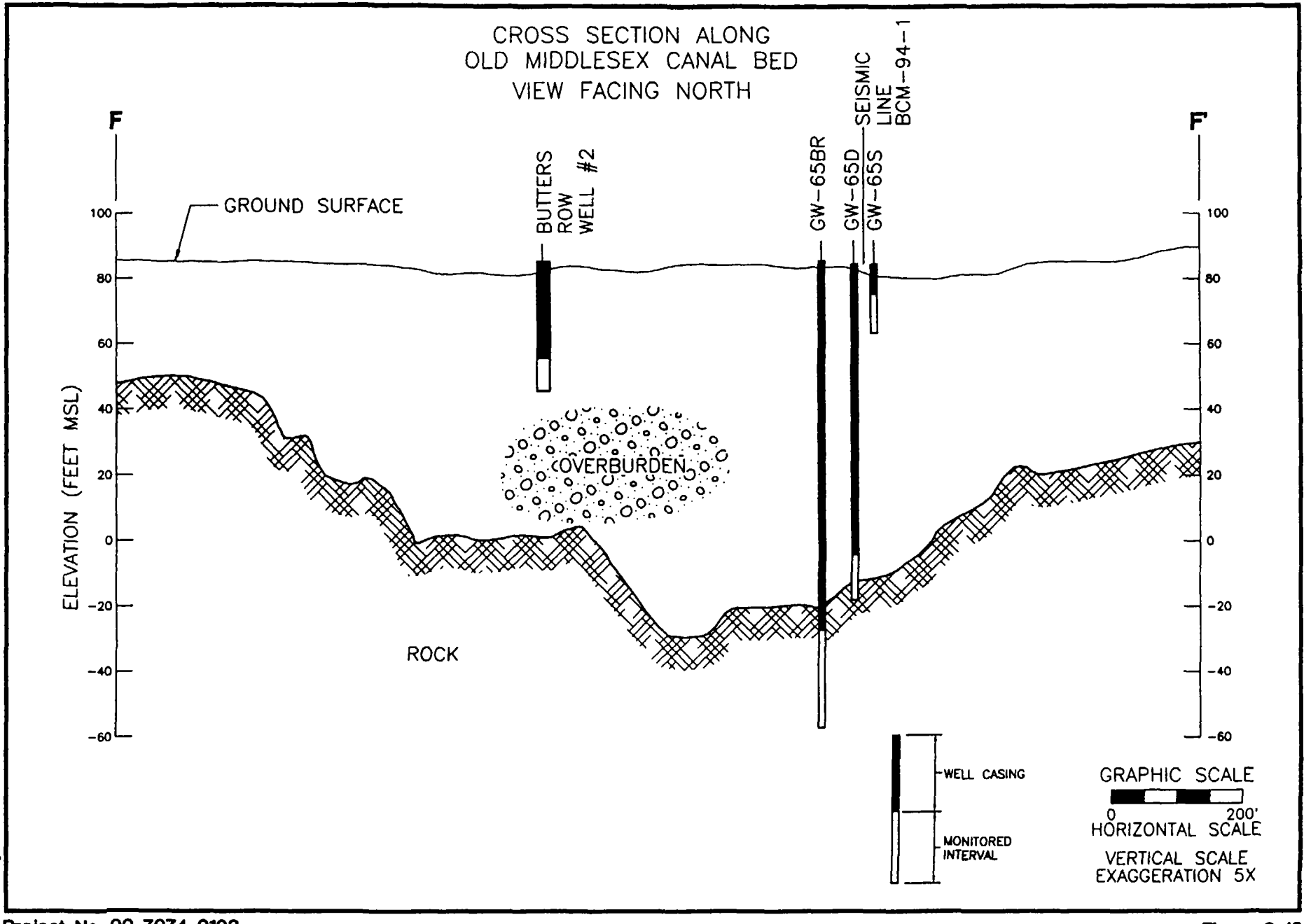
Project No. 00-7074-0102
May 30, 1997

Figure 2-9
Cross-Section E-E'

US EPA ARCHIVE DOCUMENT

SMITH TECHNOLOGY CORPORATION

Olin Corporation
Wilmington, MA



Drawing: 7074-019

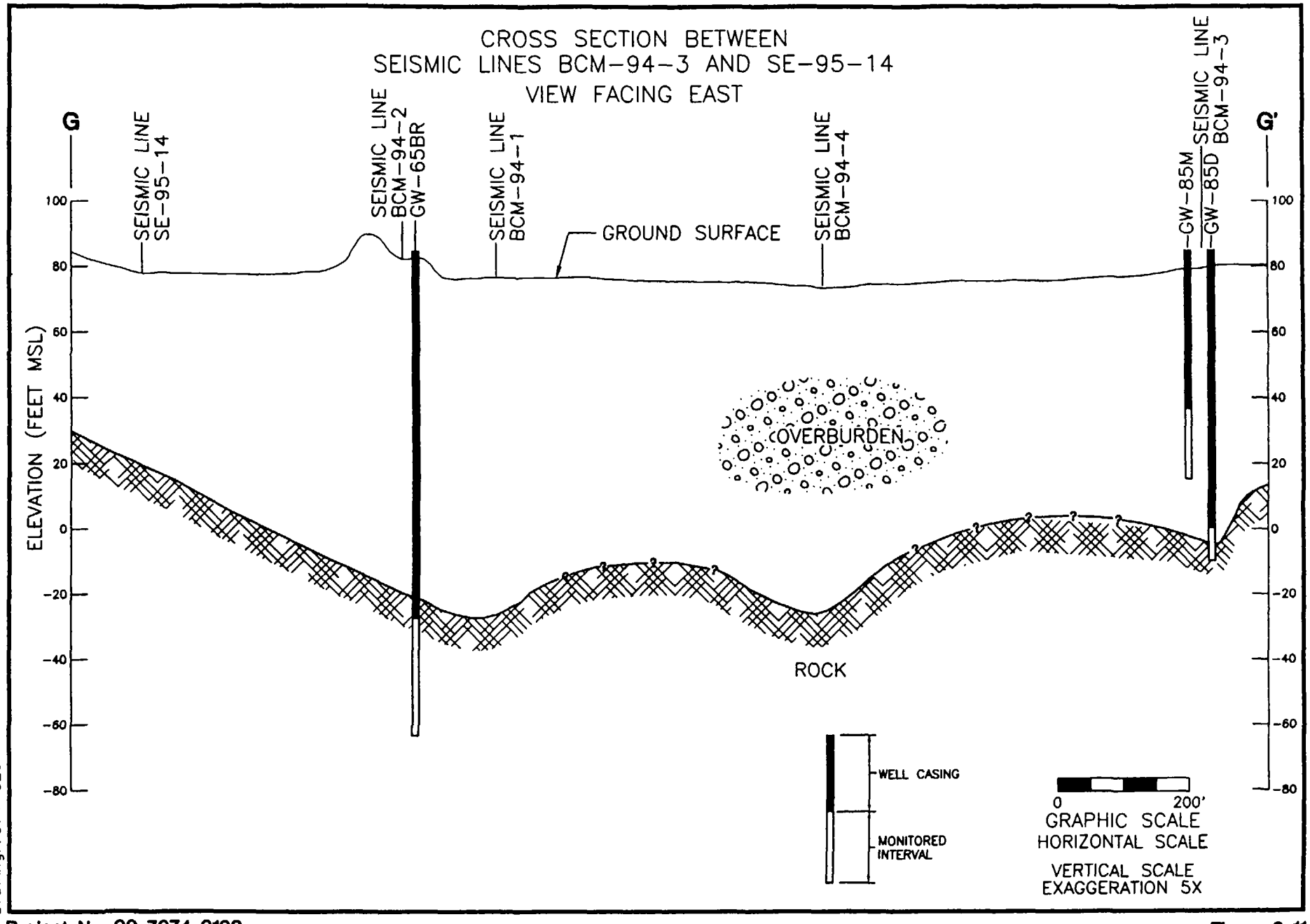
Project No. 00-7074-0102
May 30, 1997

Figure 2-10
Cross-Section F-F'

US EPA ARCHIVE DOCUMENT

SMITH TECHNOLOGY CORPORATION

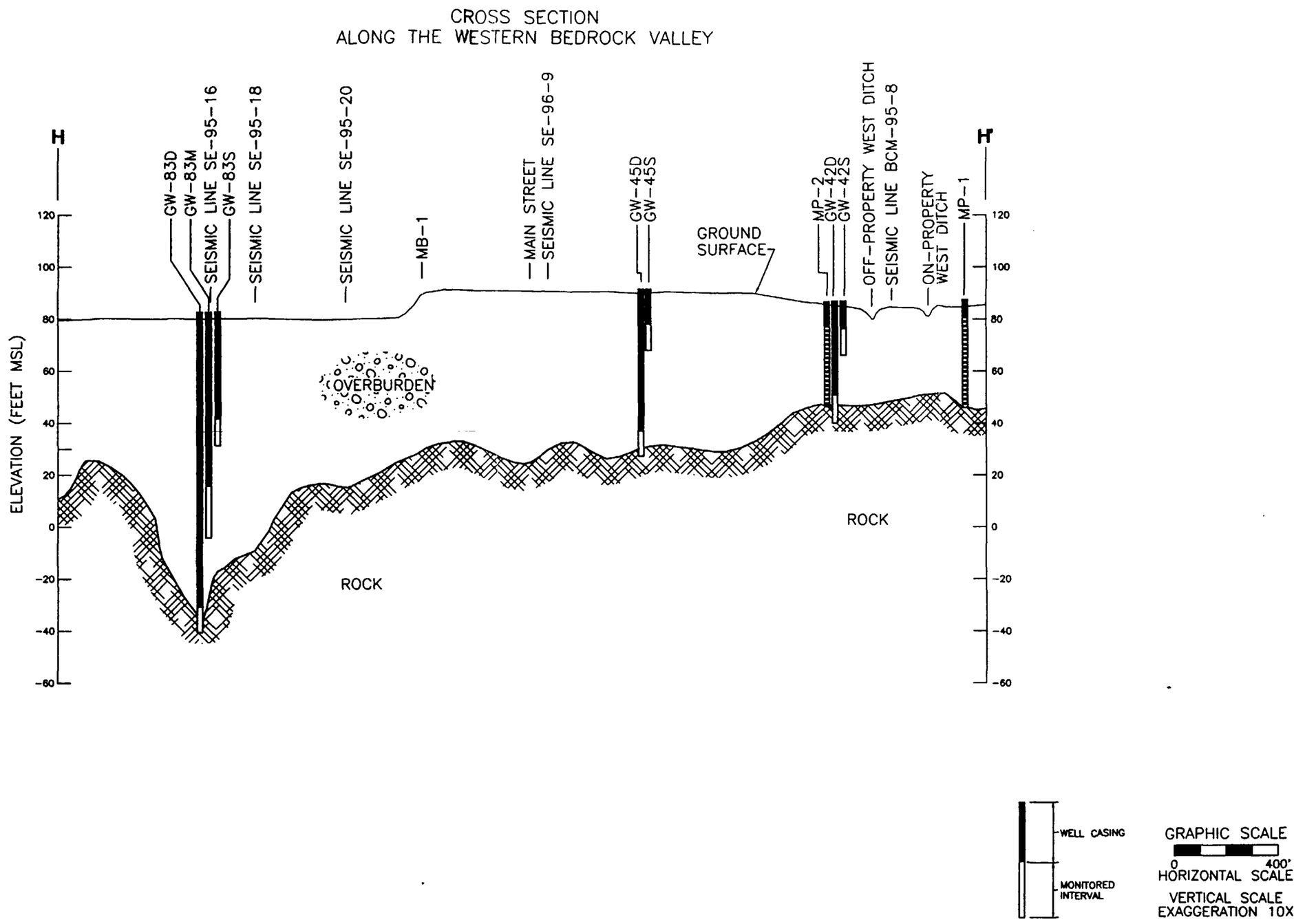
Olin Corporation
Wilmington, MA



Drawing: 7074-020

Project No. 00-7074-0102
May 30, 1997

Figure 2-11
Cross-Section G-G'



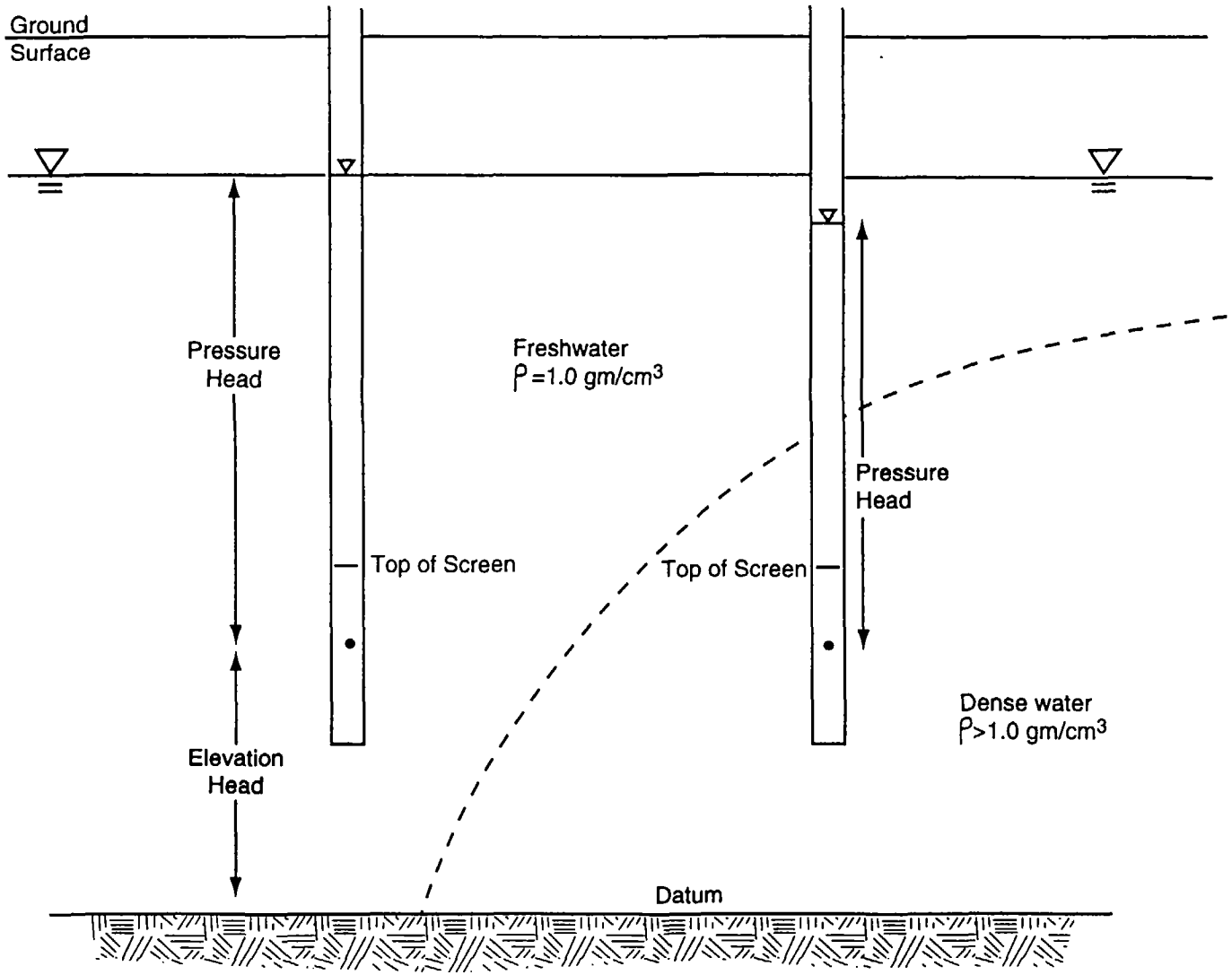
May 23, 1997 11:23:36 a.m. | Oper:RME
Drawing: 7074-021

Project No. 00-7074-0102
May 30, 1997

Figure 2-12
Cross-Section H-H'

US EPA ARCHIVE DOCUMENT

US EPA ARCHIVE DOCUMENT



Total Hydraulic Head = Elevation Head + Pressure Head

Smith Environmental Project No. 00-7074-0102

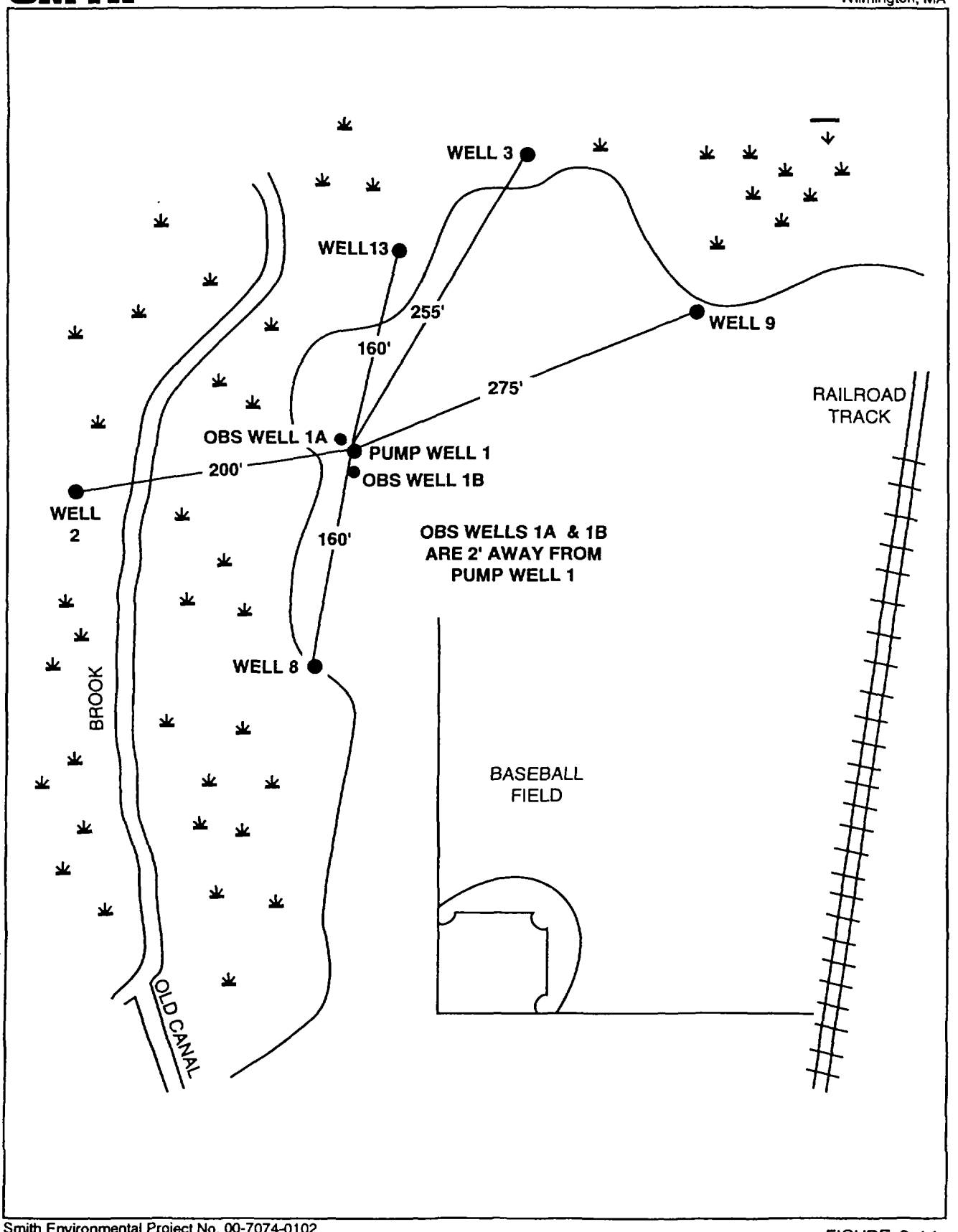
Not to Scale

Figure 2-13
Effect of Density on Water Levels in Wells

US EPA ARCHIVE DOCUMENT

SMITH

Olin Corporation
Wilmington, MA



Source: Wilmington Water Department (W&H, 1965)

Smith Environmental Project No. 00-7074-0102

SCALE 0 100 Ft.

NORTH

Topographic & Cultural Features NOT TO SCALE

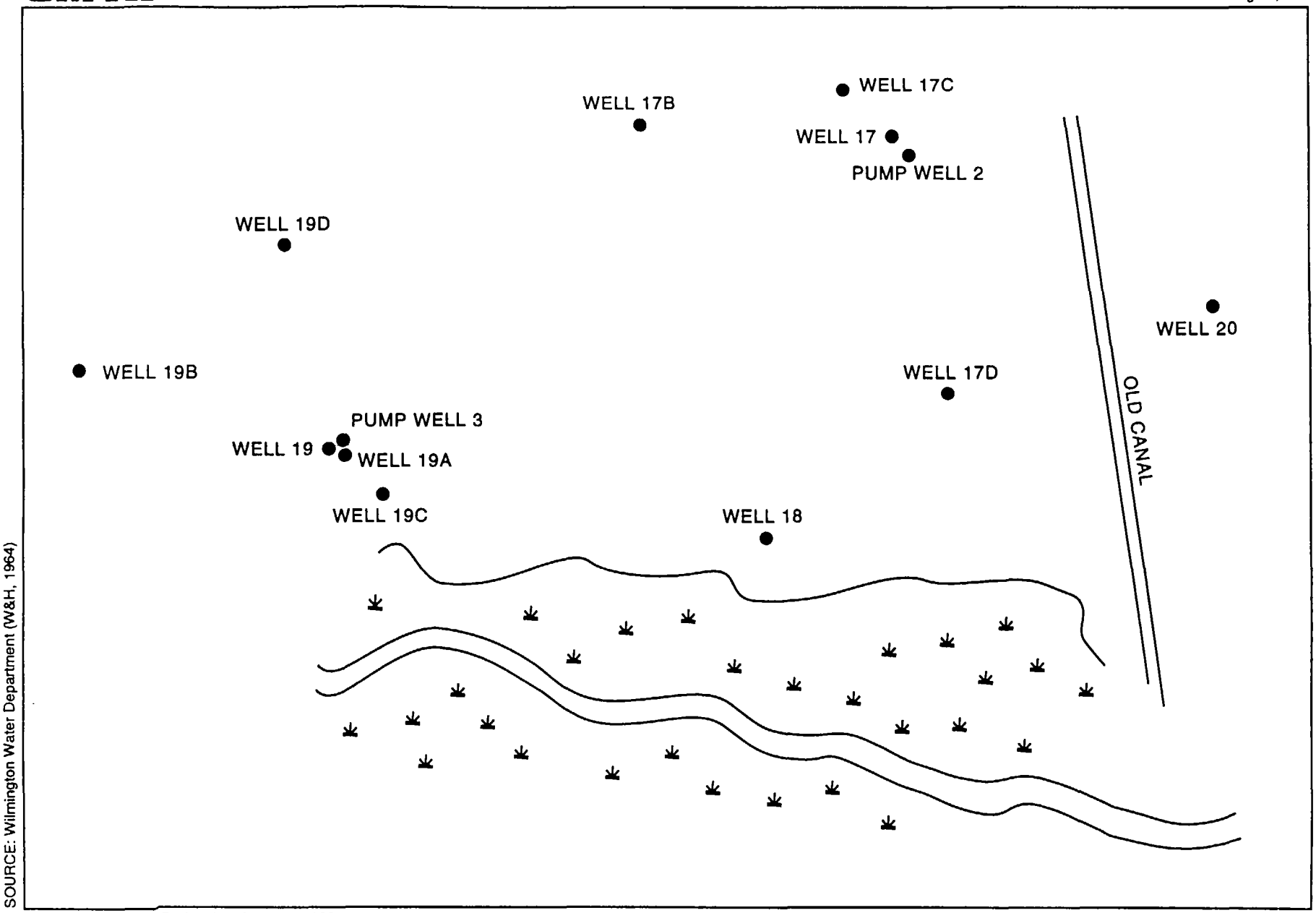
FIGURE 2-14

Town Park Well Locations

US EPA ARCHIVE DOCUMENT

SMITH

Olin Corporation
Wilmington, MA



SOURCE: Wilmington Water Department (W&H, 1964)

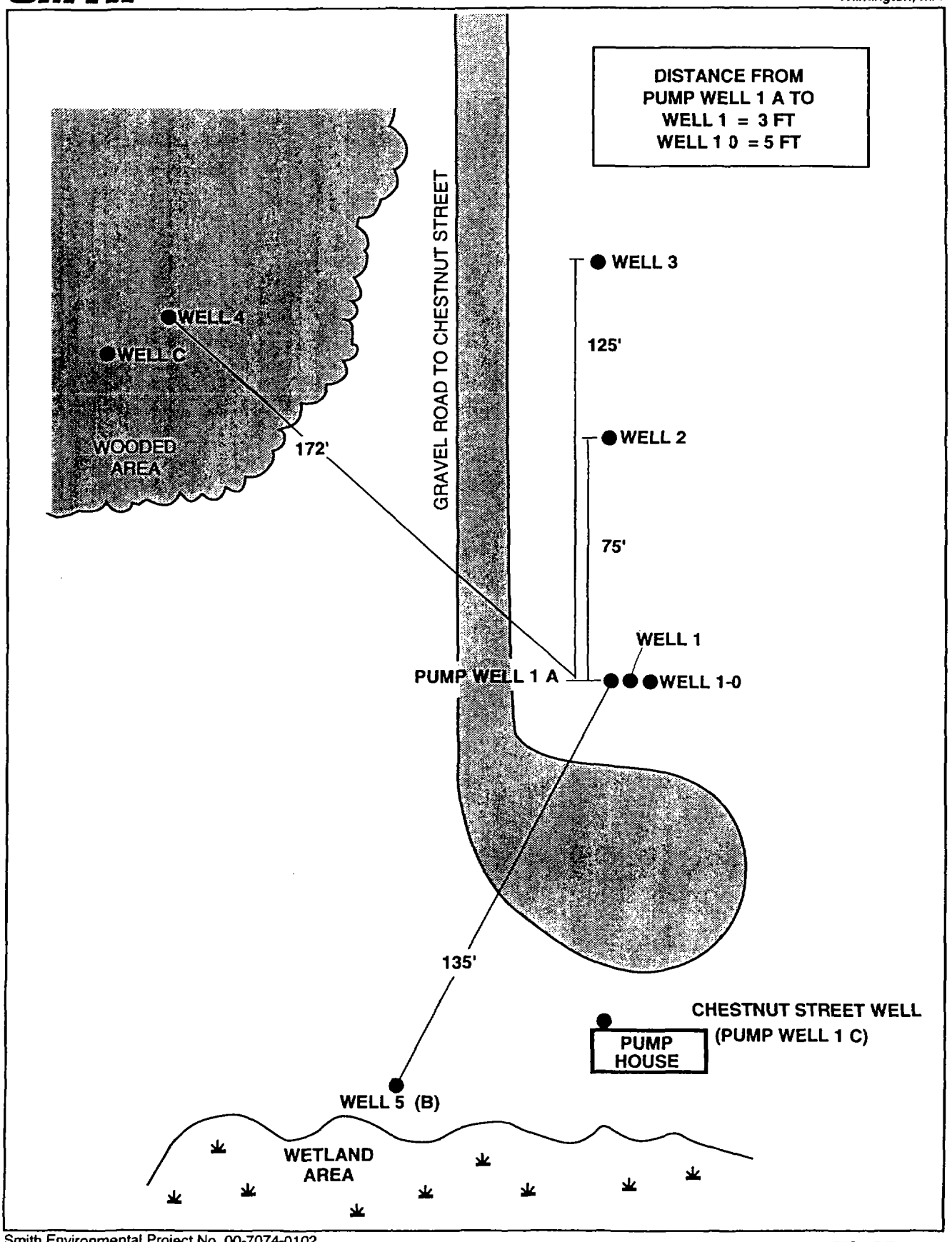
Smith Environmental Project No. 00-7074-0102

SCALE
0 100 Ft.

Topographic & Cultural Features NOT TO SCALE

NORTH

FIGURE 2-15
Butters Row Well Locations



Source: Wilmington Water Department (Dufresne - Henry, Inc., 1992)

Smith Environmental Project No. 00-7074-0102

SCALE 0 40 Ft.

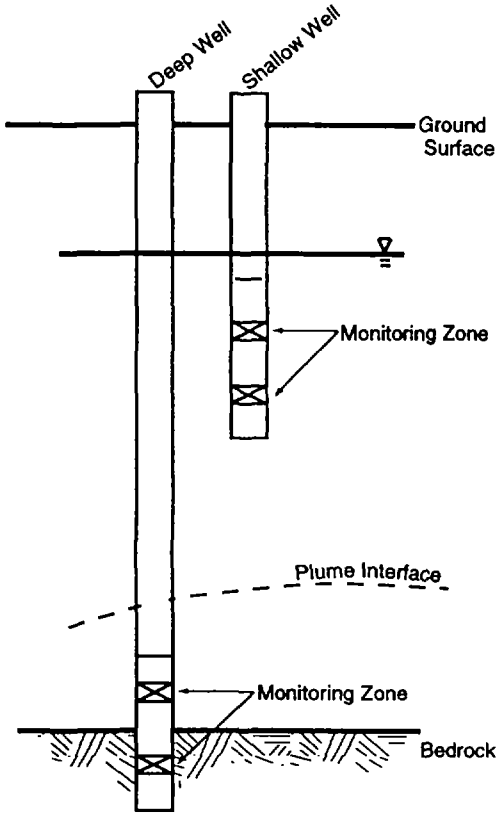
NORTH

Topographic & Cultural Features NOT TO SCALE

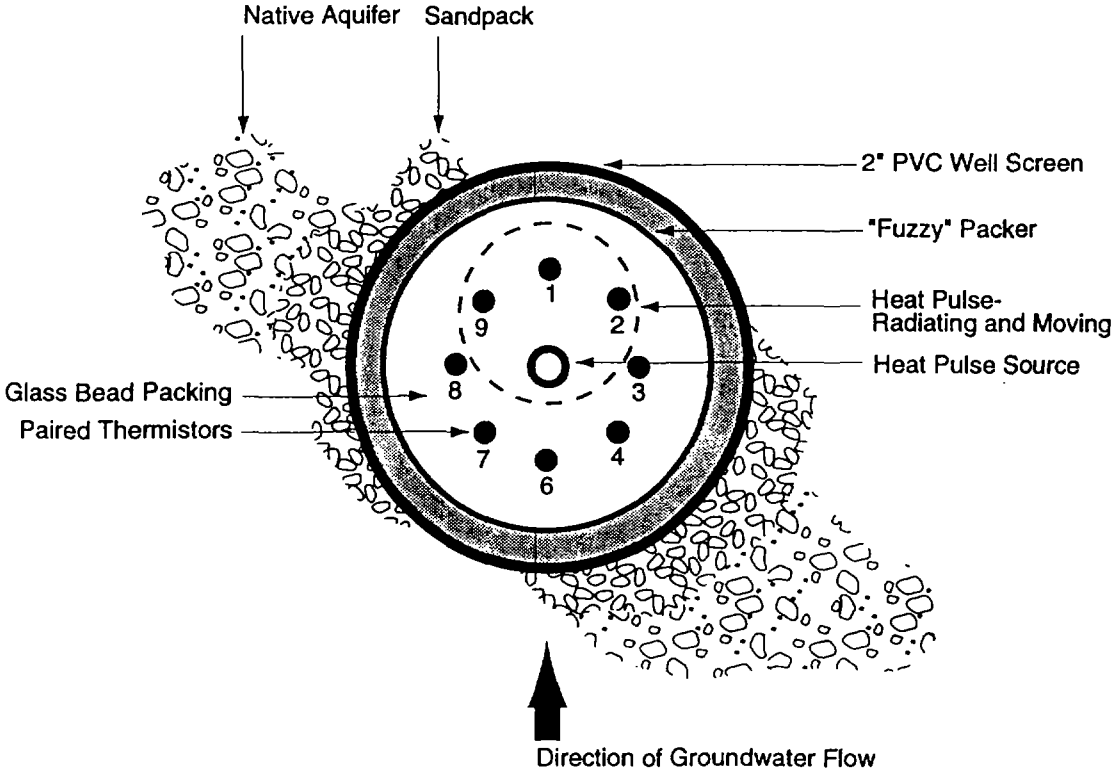
FIGURE 2-16
Chestnut Street Well Locations

US EPA ARCHIVE DOCUMENT

Typical Groundwater Flow Monitoring Zones



Heat-Pulse Flowmeter

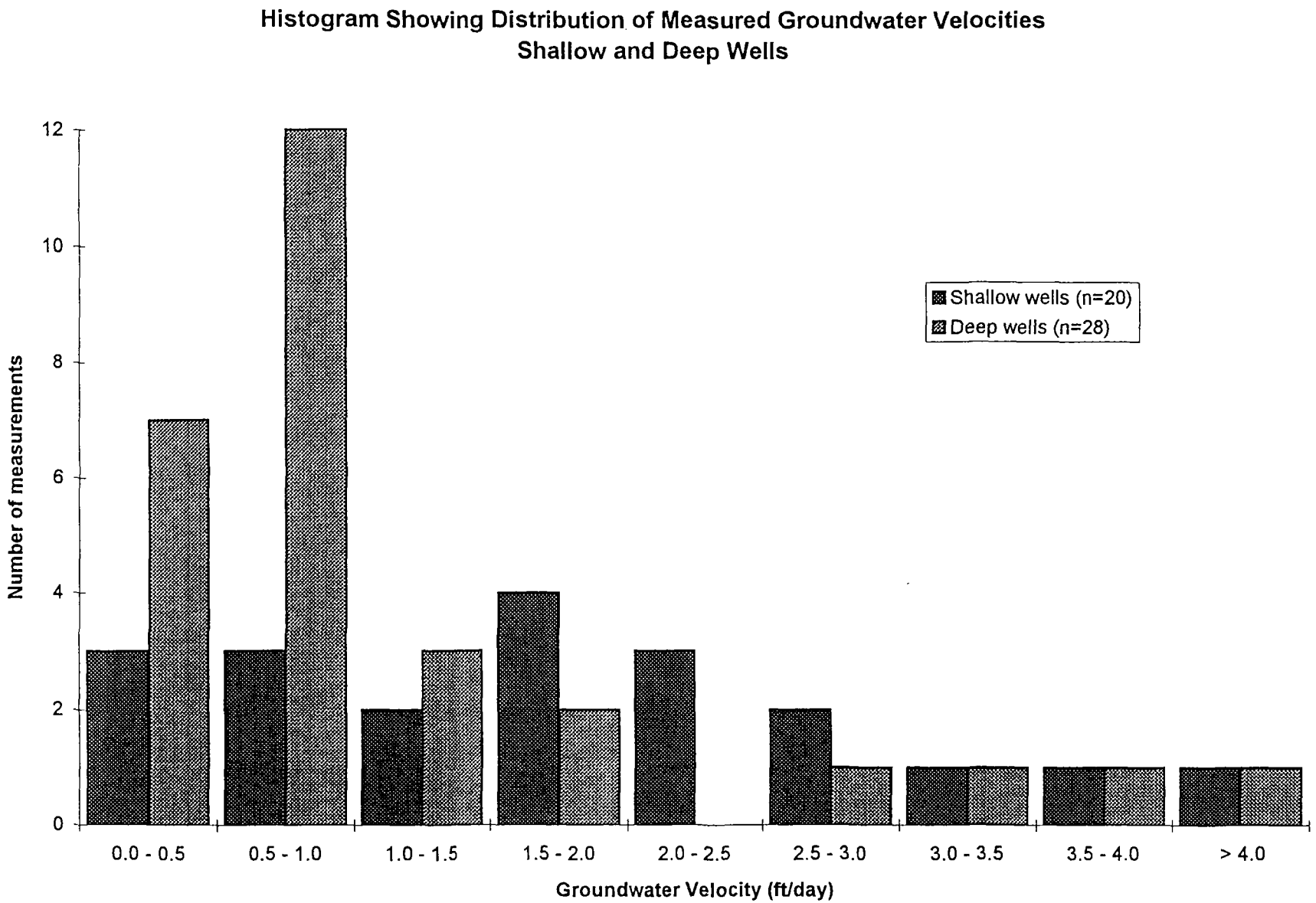


Smith Environmental Project No. 00-7074-0102
Not to Scale

Figure 2–17
Groundwater Flow Monitoring Schematics

US EPA ARCHIVE DOCUMENT

FIGU .. 2-18

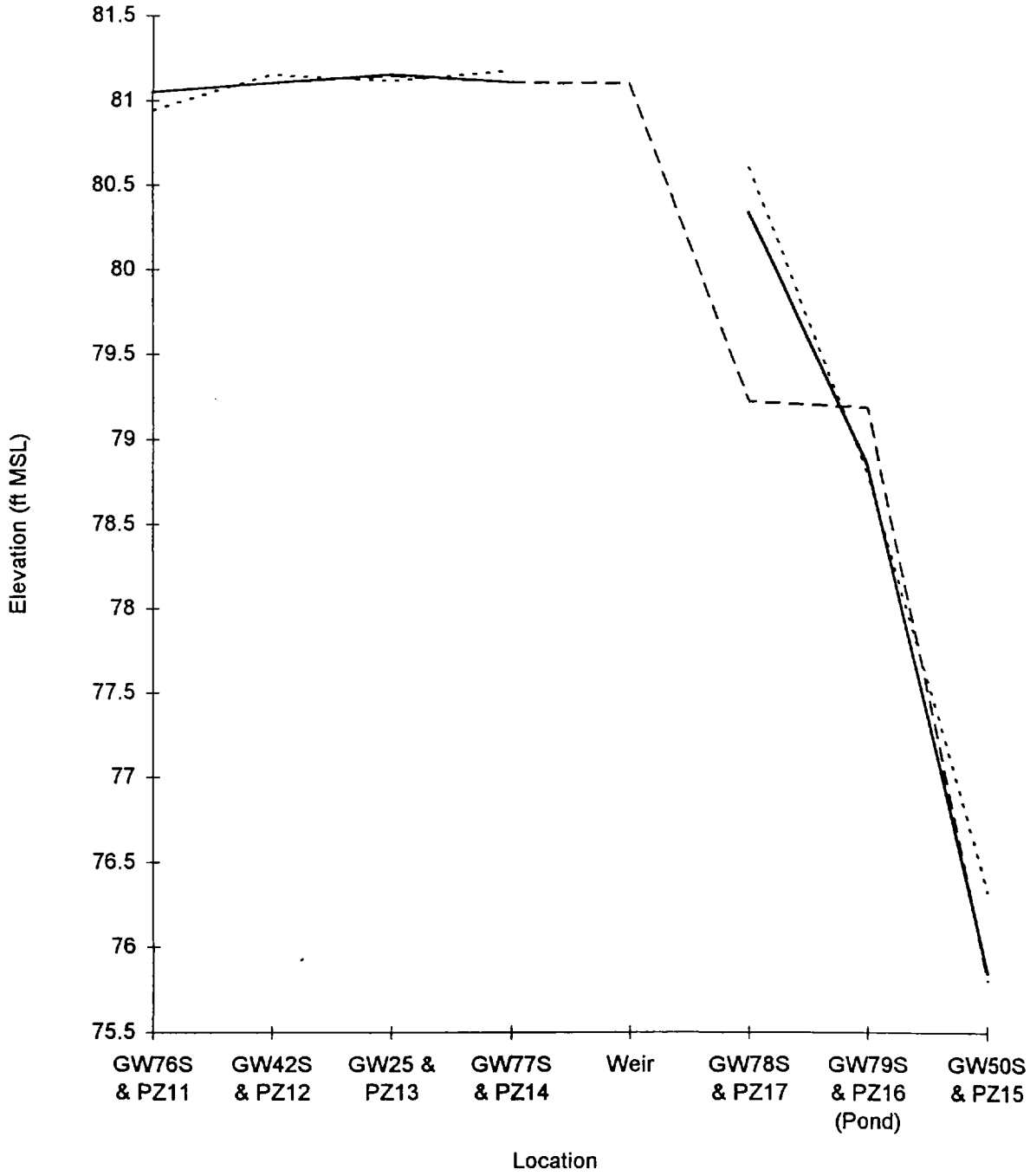


US EPA ARCHIVE DOCUMENT

FIGURE 2-19

Hydraulic Heads Near Ditch System - February 1995

Olin Corporation
Wilmington, MA Facility



Gaps in series indicate that no measurement was taken for respective date(s)

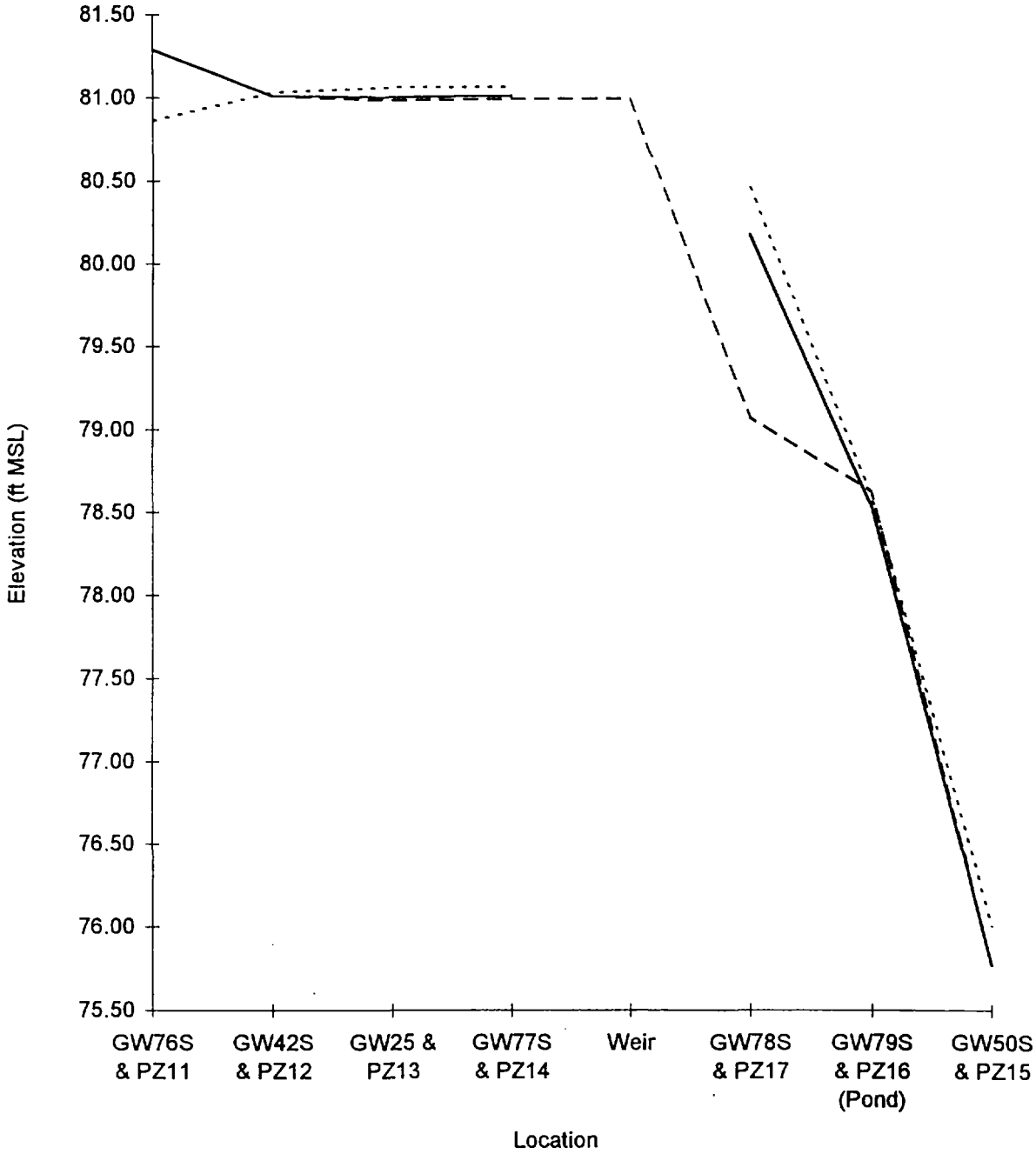
····· Groundwater in Well ——— Groundwater at Piezometer – – – Surface Water

US EPA ARCHIVE DOCUMENT

FIGURE 2-20

Hydraulic Heads Near Ditch System - May 1995

Olin Corporation
Wilmington, MA Facility



Gaps in series indicate that no measurement was taken for respective date(s)

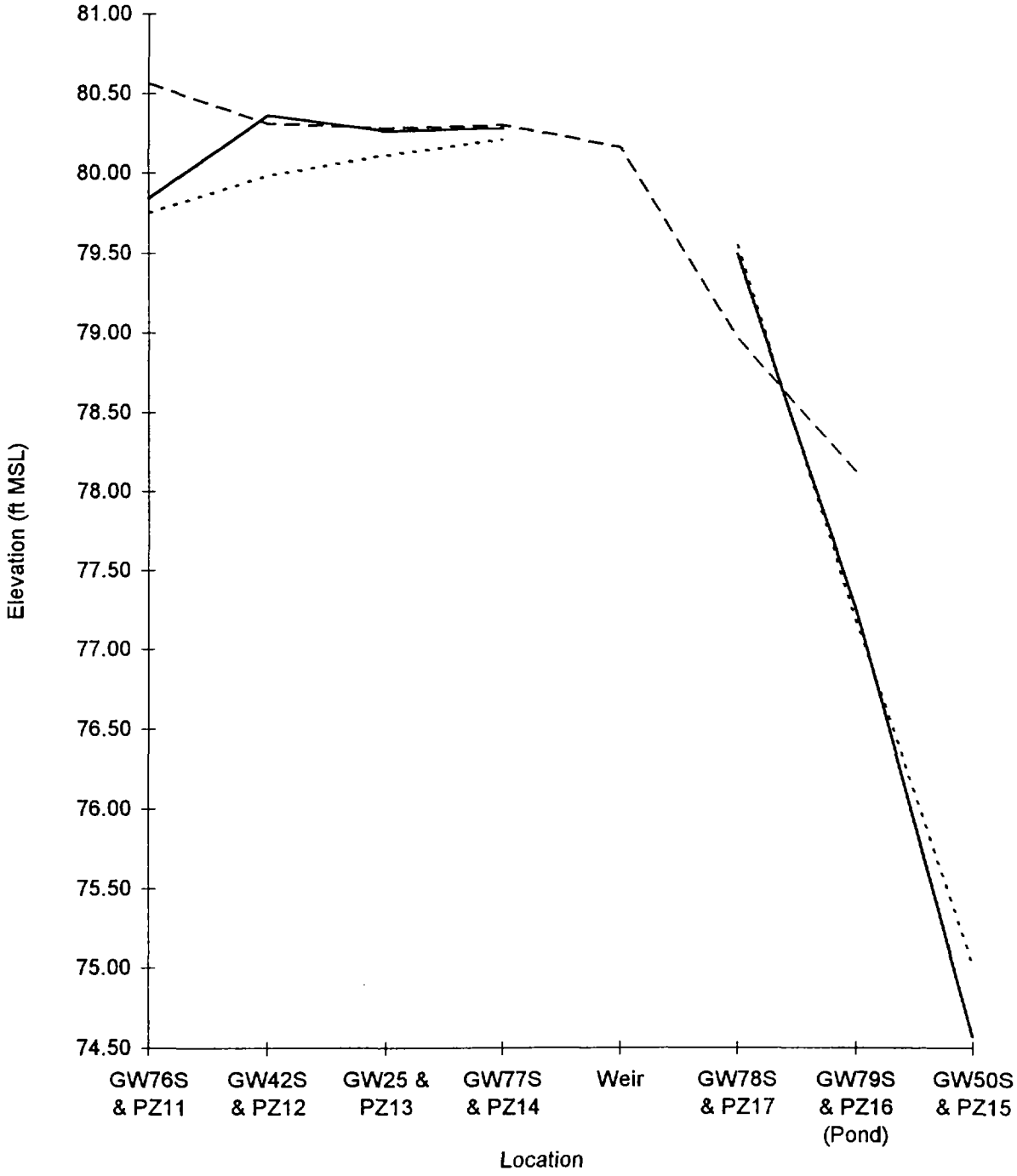
Groundwater in Well — Groundwater at Piezometer — Surface Water

US EPA ARCHIVE DOCUMENT

FIGURE 2-21

Hydraulic Heads Near Ditch System - July 1995

Olin Corporation
Wilmington, MA Facility



Gaps in series indicate that no measurement was taken for respective date(s)

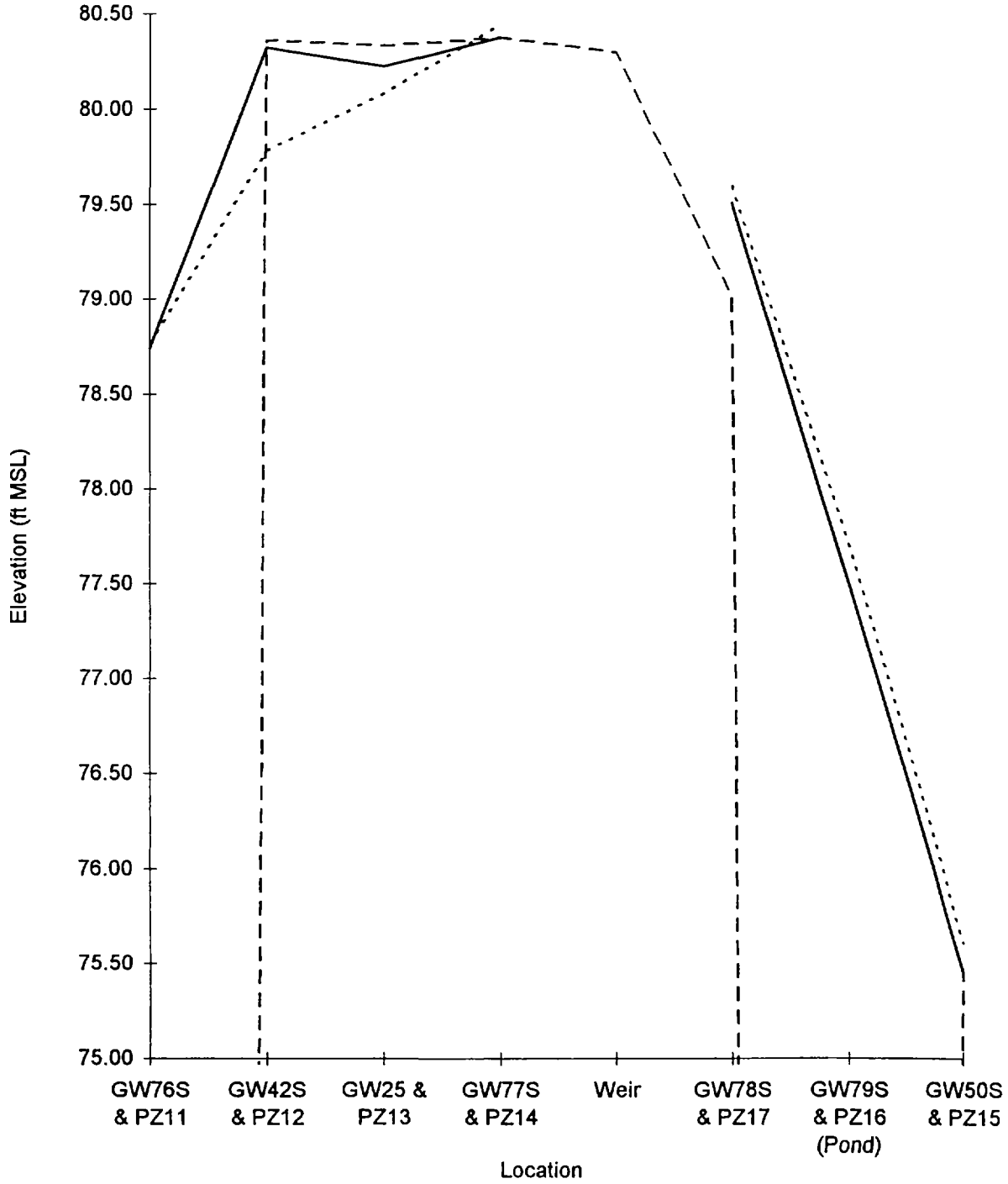
Groundwater in Well — Groundwater at Piezometer — — — Surface Water

US EPA ARCHIVE DOCUMENT

FIGURE 2-22

Hydraulic Heads Near Ditch System - October 1995

Olin Corporation
Wilmington, MA Facility



Gaps in series indicate that no measurement was taken for respective date(s)

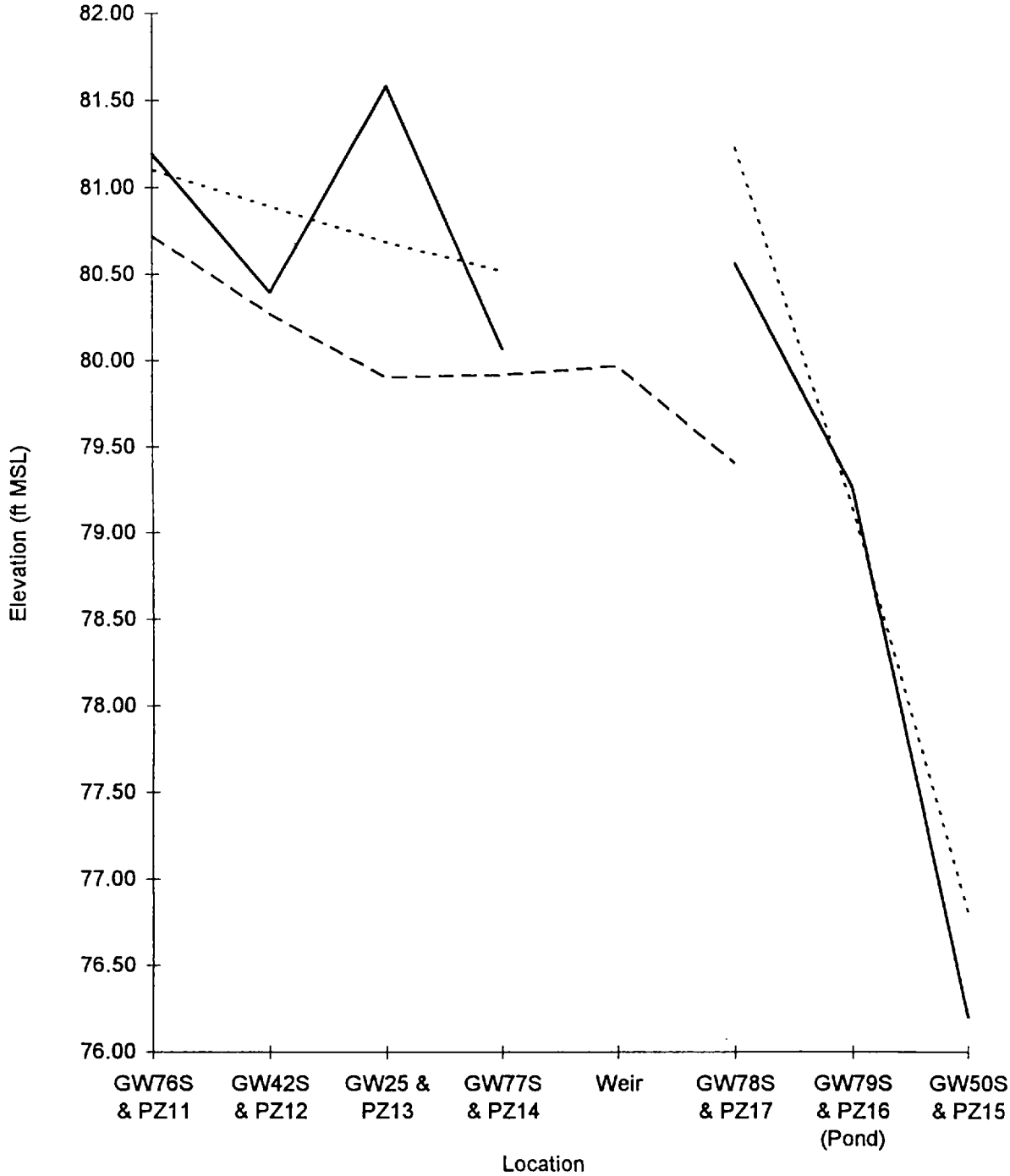
- - - - - - Groundwater in Well ——— Groundwater at Piezometer — — — Surface Water

US EPA ARCHIVE DOCUMENT

FIGURE 2-23

Hydraulic Heads Near Ditch System - January 1996

Olin Corporation
Wilmington, MA Facility



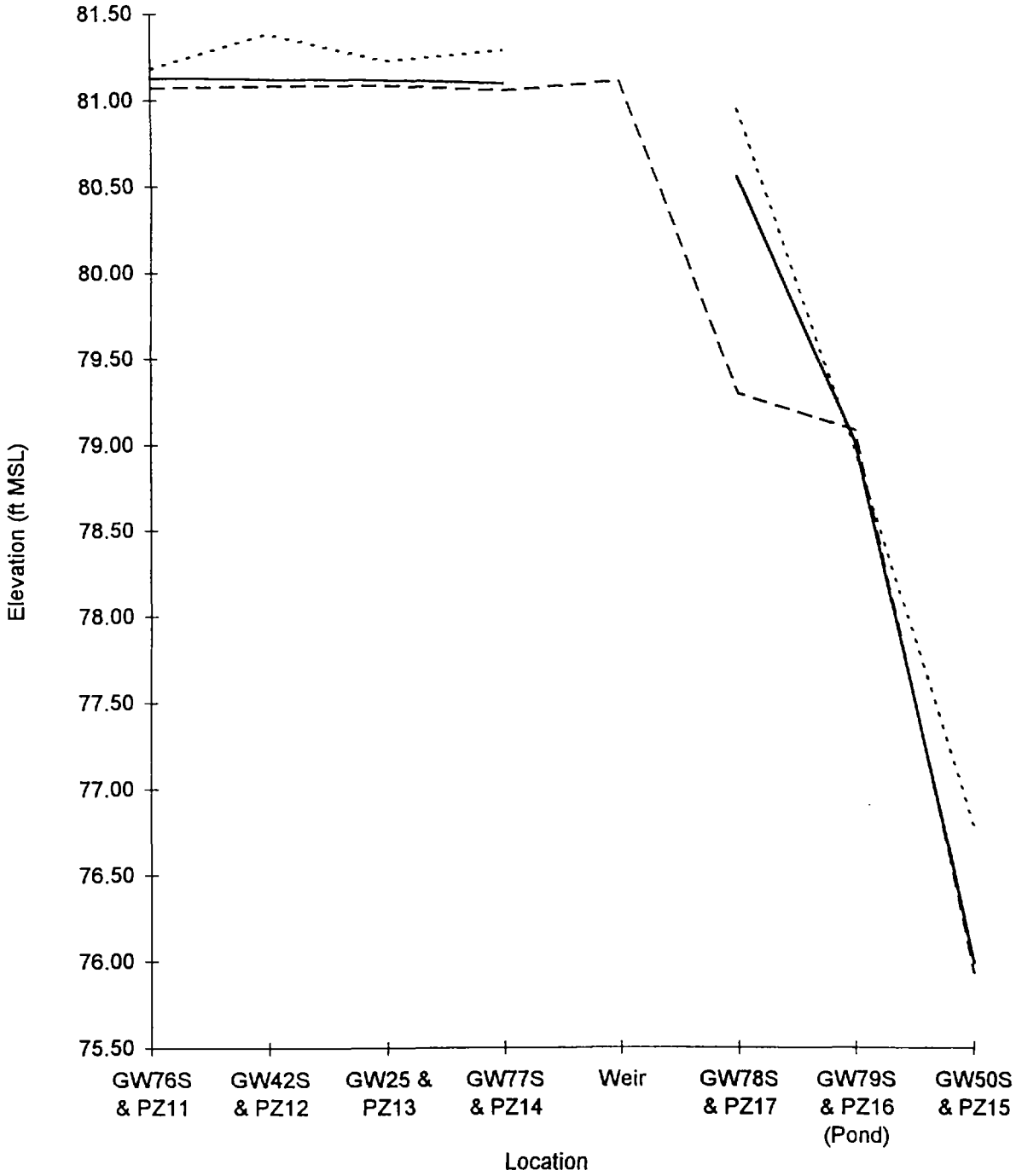
Gaps in series indicate that no measurement was taken for respective date(s)

- - - - - - Groundwater in Well ——— Groundwater at Piezometer — — — Surface Water

FIGURE 2-24

Hydraulic Heads Near Ditch System - May 1996

Olin Corporation
Wilmington, MA Facility



Gaps in series indicate that no measurement was taken for respective date(s)

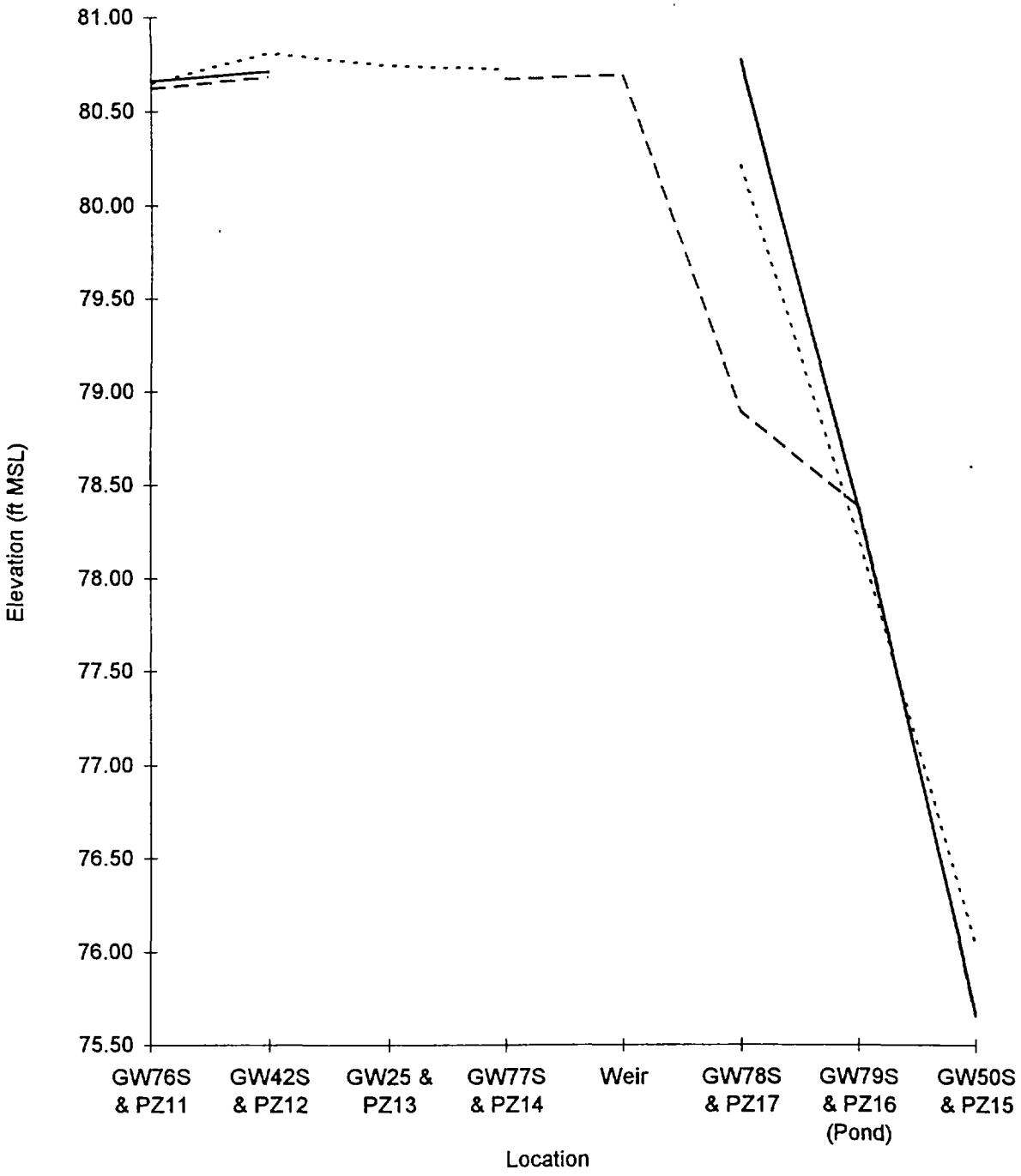
- - - - - - Groundwater in Well ——— Groundwater at Piezometer — — — Surface Water

US EPA ARCHIVE DOCUMENT

FIGURE 2-25

Hydraulic Heads Near Ditch System - July 1996

Olin Corporation
Wilmington, MA Facility



Gaps in series indicate that no measurement was taken for respective date(s)

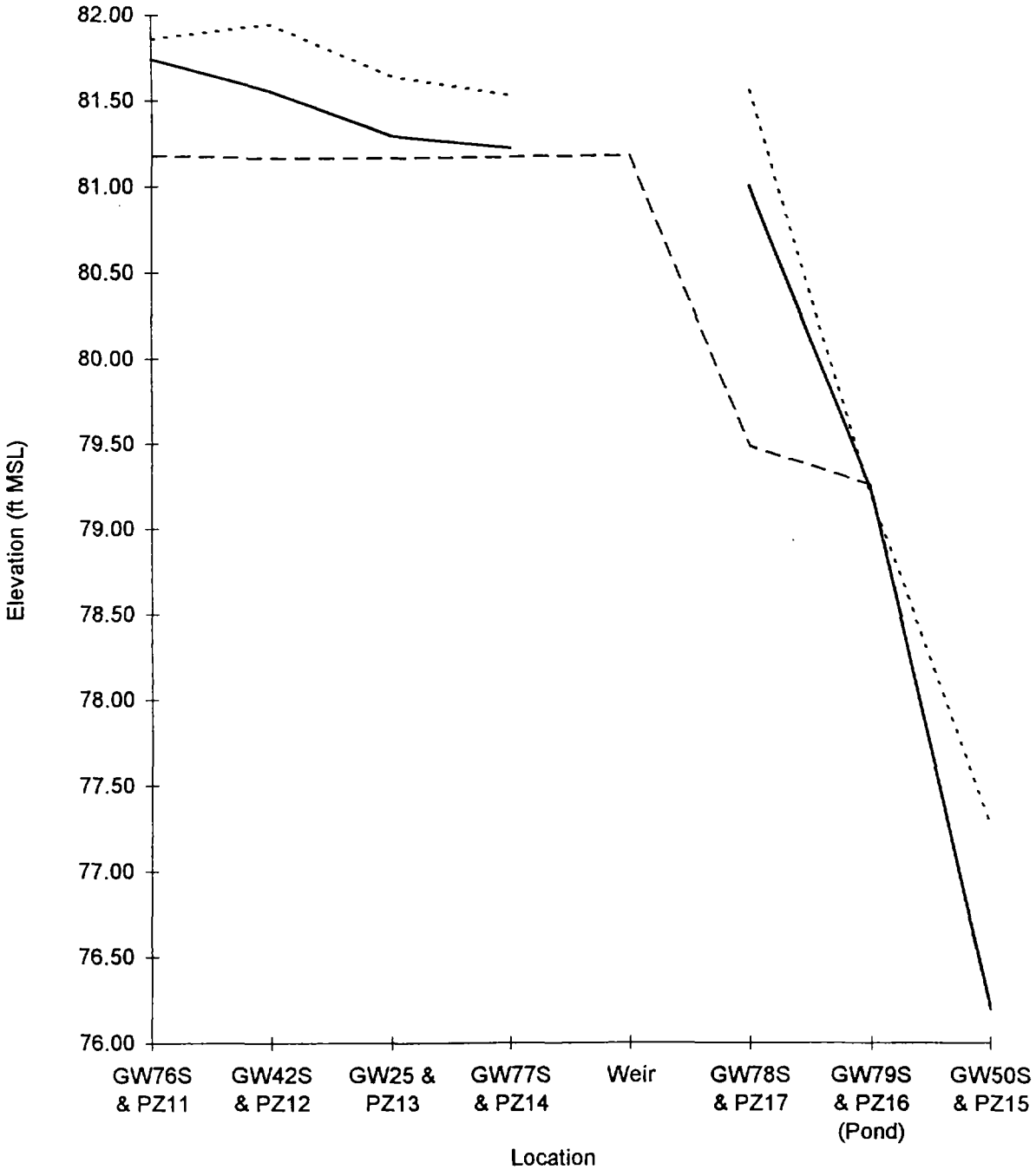
Groundwater in Well — Groundwater at Piezometer — Surface Water

US EPA ARCHIVE DOCUMENT

FIGURE 2-26

Hydraulic Heads Near Ditch System - October 1996

Olin Corporation
Wilmington, MA Facility



Gaps in series indicate that no measurement was taken for respective date(s)

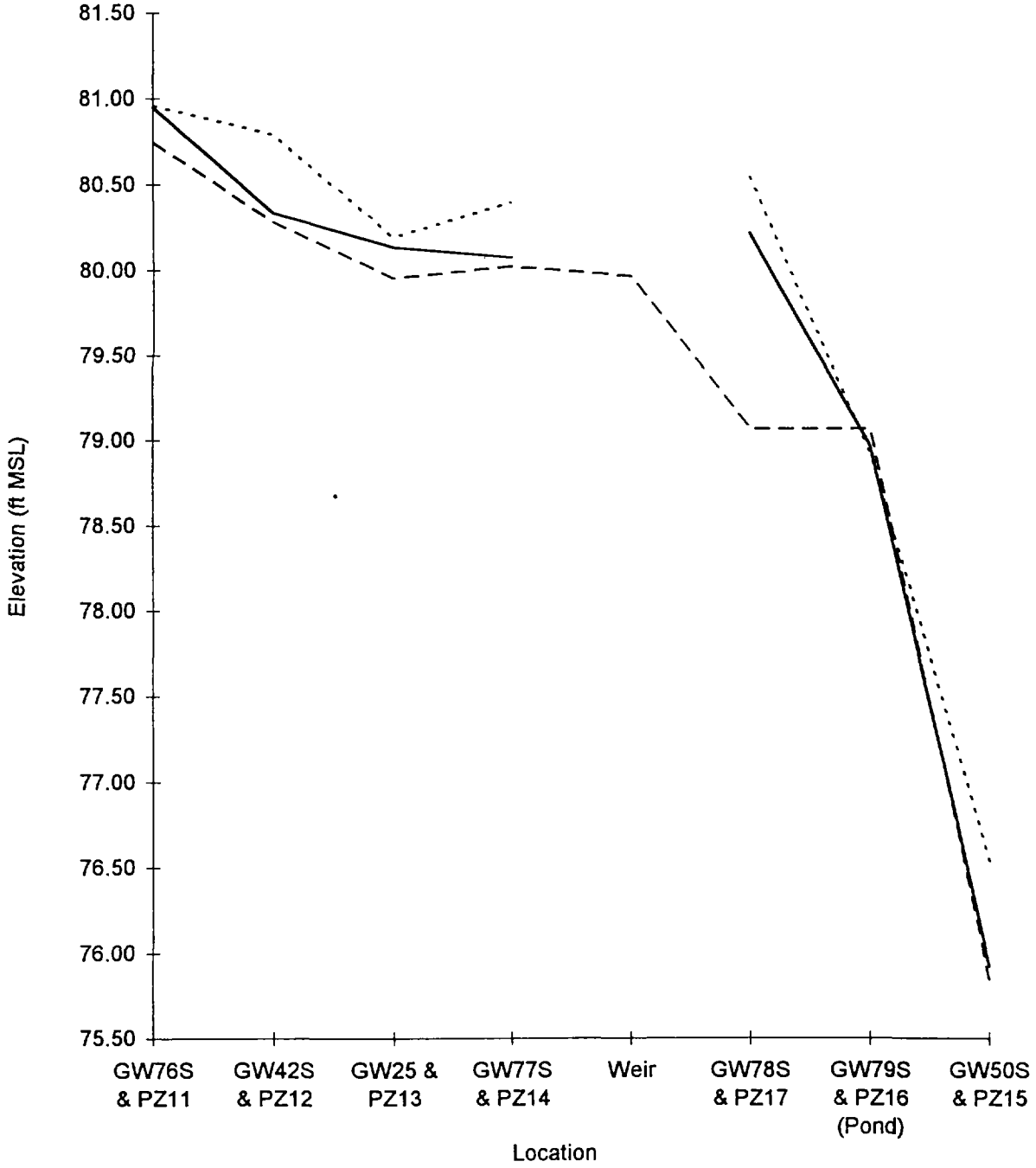
Groundwater in Well — Groundwater at Piezometer — Surface Water

US EPA ARCHIVE DOCUMENT

FIGURE 2-27

Hydraulic Heads Near Ditch System - January 1997

Olin Corporation
Wilmington, MA Facility



Gaps in series indicate that no measurement was taken for respective date(s)

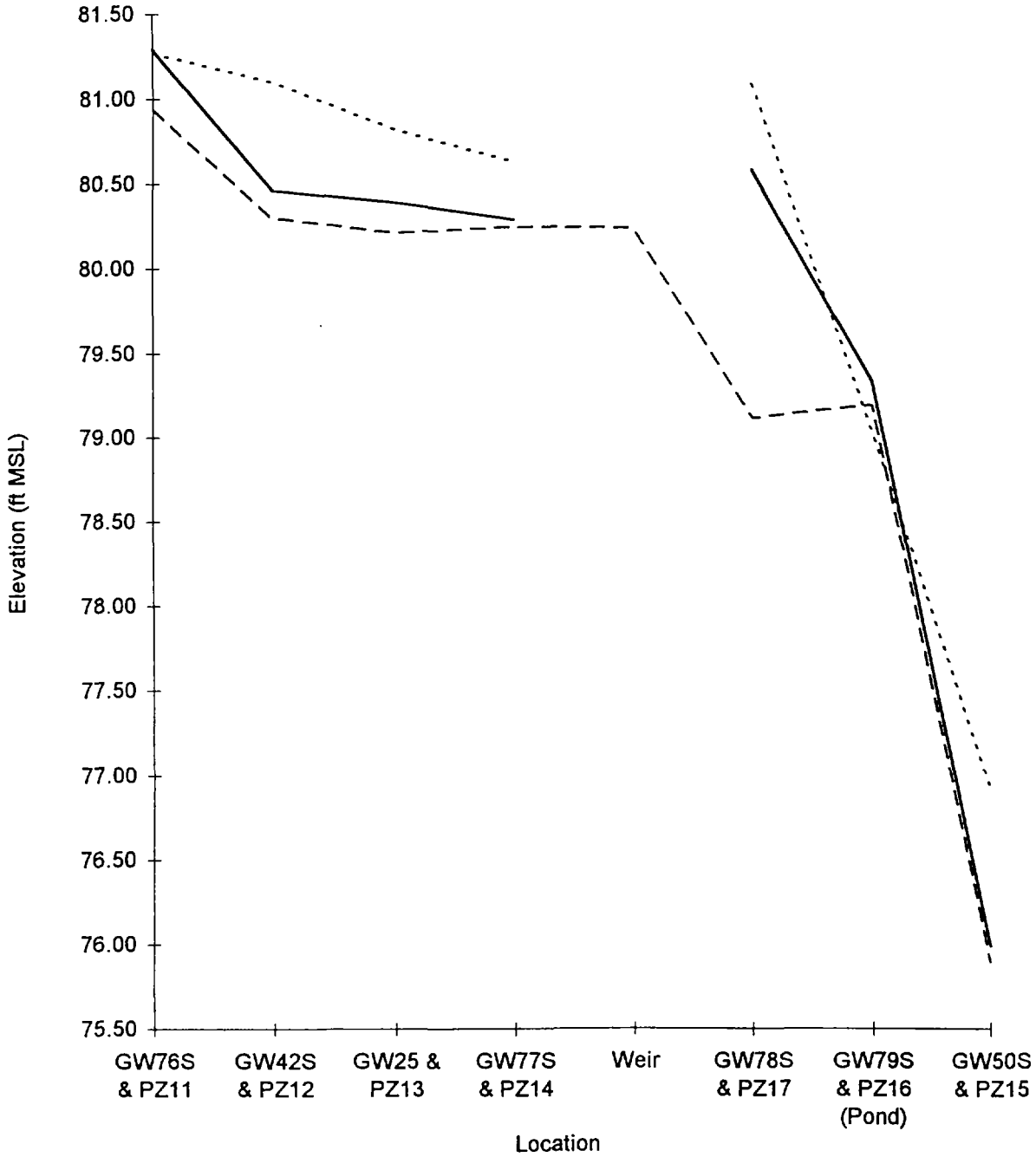
- - - - - - Groundwater in Well ——— Groundwater at Piezometer — — — Surface Water

US EPA ARCHIVE DOCUMENT

FIGURE 2-28

Hydraulic Heads Near Ditch System - April 1997

Olin Corporation
Wilmington, MA Facility



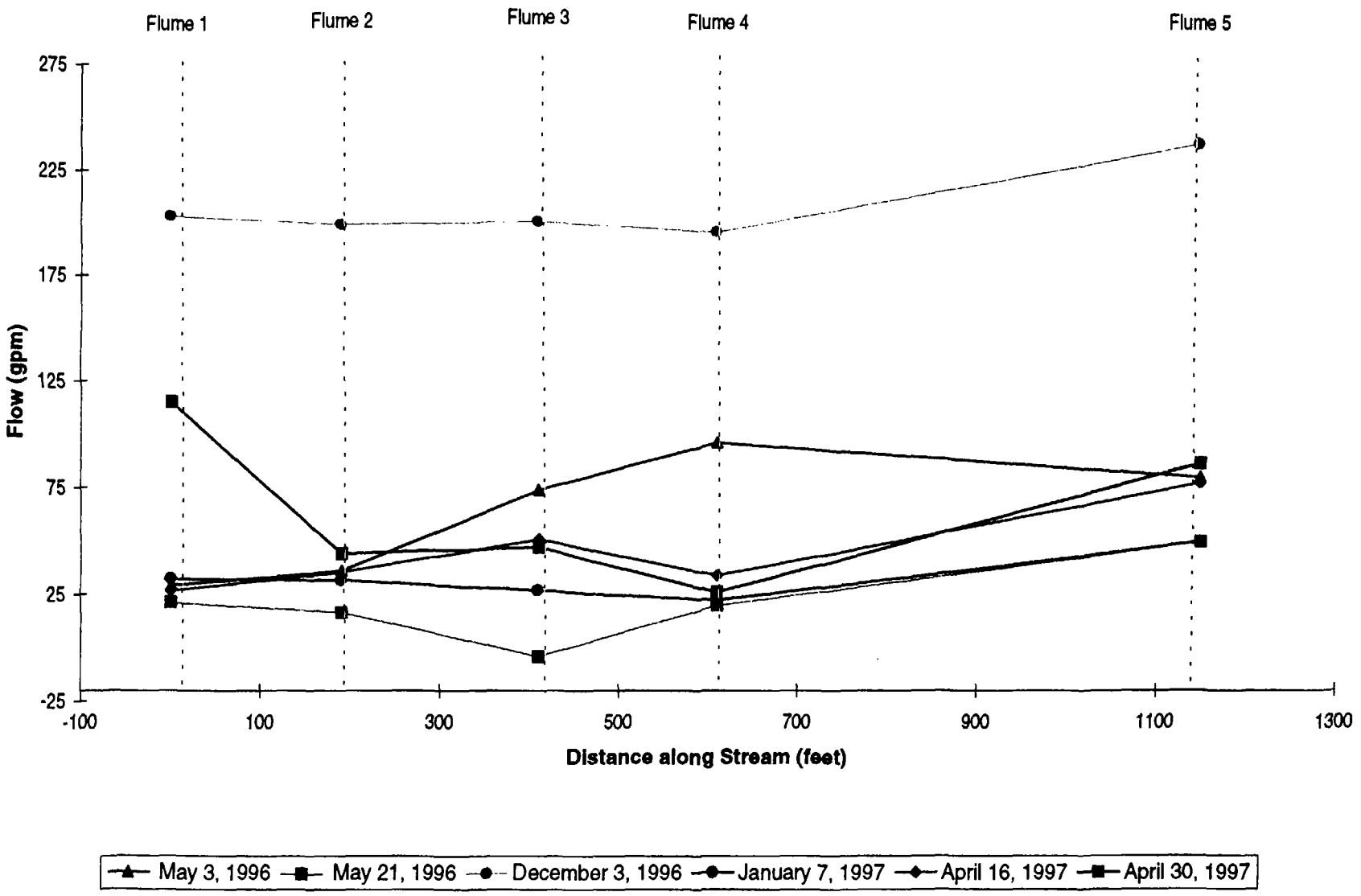
Gaps in series indicate that no measurement was taken for respective date(s)

Groundwater in Well — Groundwater at Piezometer — Surface Water

US EPA ARCHIVE DOCUMENT

FIGURE 2-29

Changes in Flow Along South Ditch
Olin Corporation: Wilmington, MA Facility



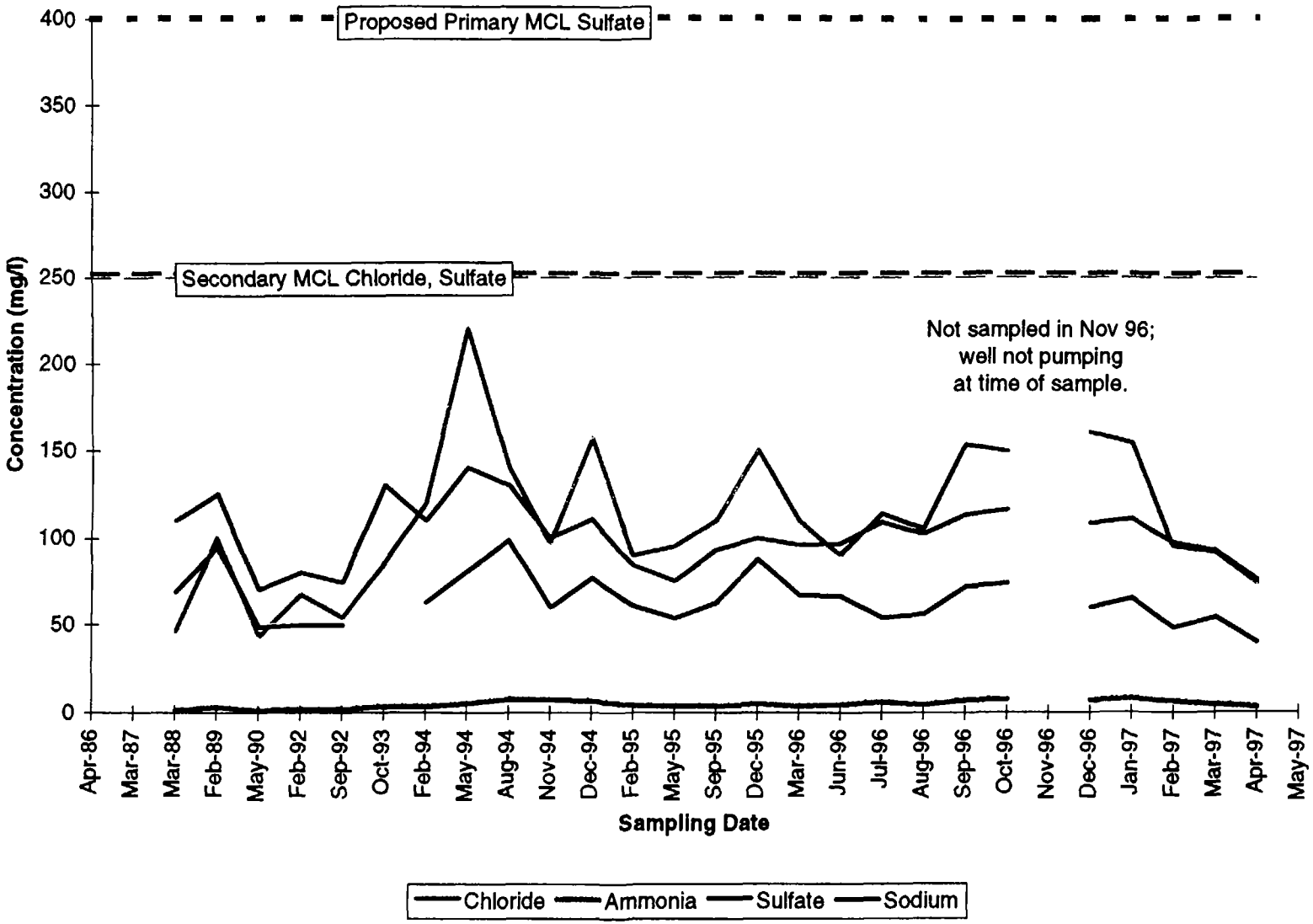
US EPA ARCHIVE DOCUMENT

US EPA ARCHIVE DOCUMENT

FIGURE 2-30

Concentrations of Indicator Parameters in Butters Row Well No. 1

Olin Corporation: Wilmington, MA Facility



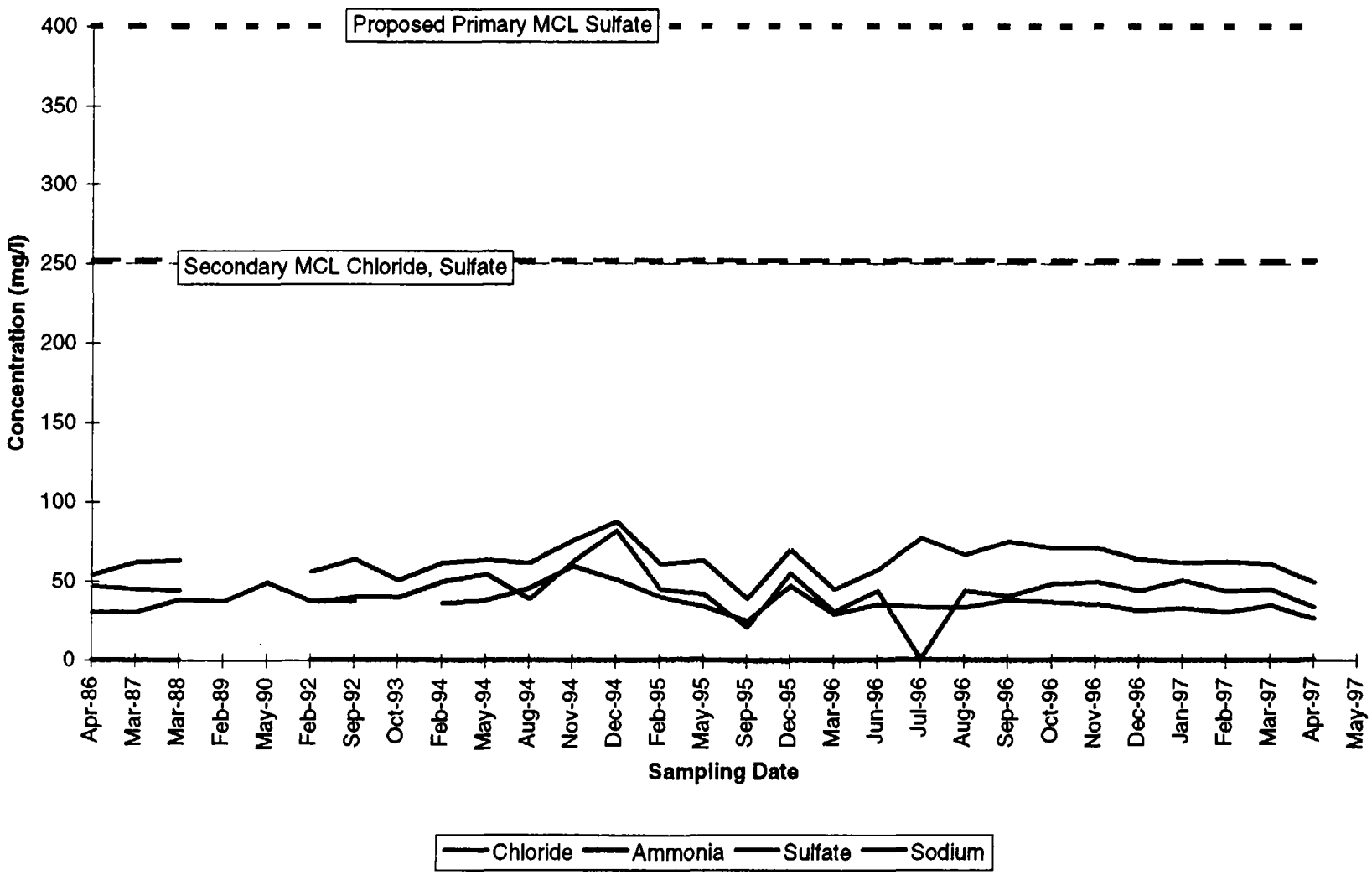
Data gaps indicate data not available except where noted otherwise.

US EPA ARCHIVE DOCUMENT

FIGURE 2-31

Concentrations of Indicator Parameters in Butters Row Well No. 2

Olin Corporation: Wilmington, MA Facility



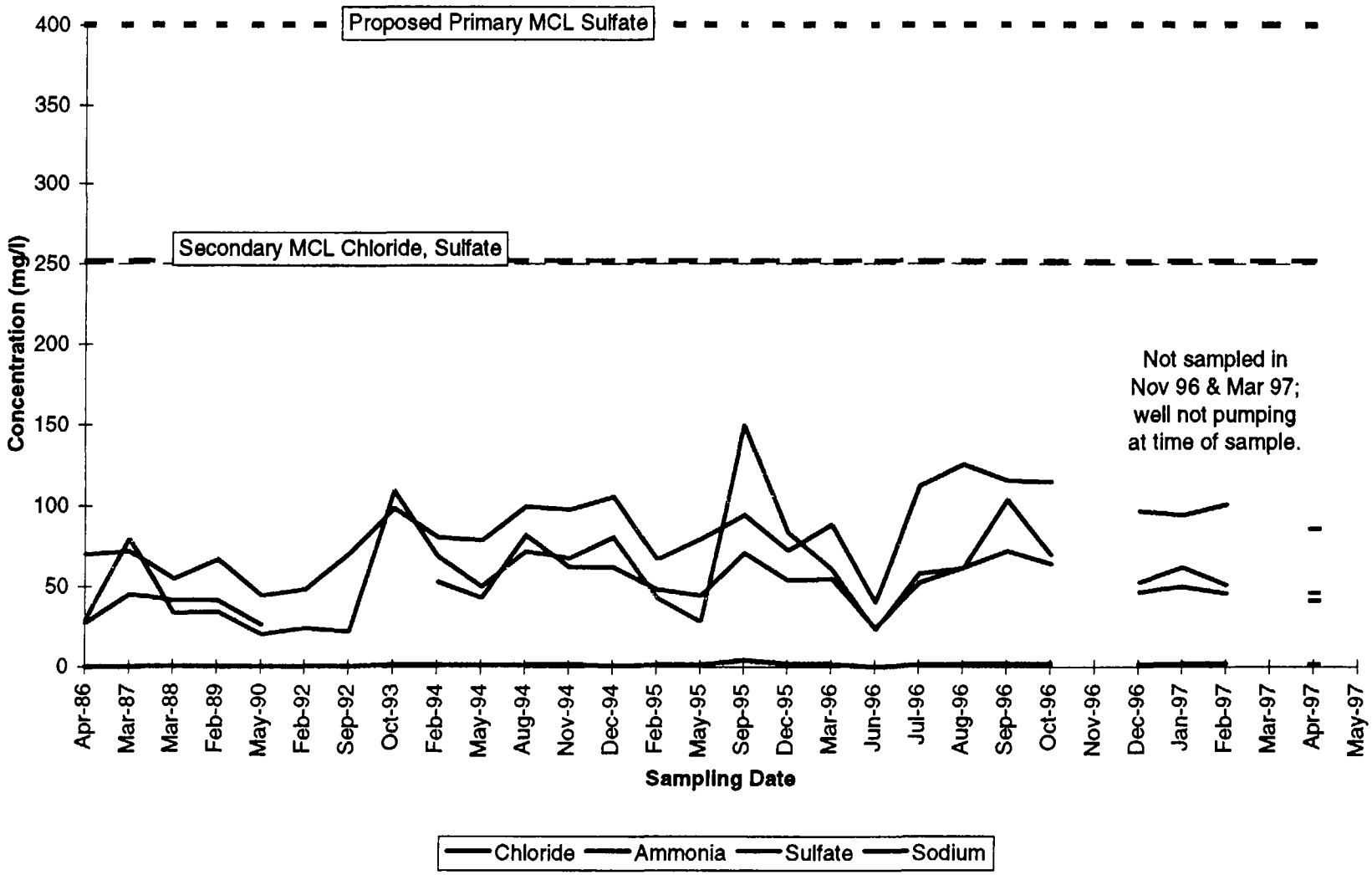
Data gaps indicate data not available except where noted otherwise.

US EPA ARCHIVE DOCUMENT

FIGURE 2-32

Concentrations of Indicator Parameters in Chestnut Street Well No. 1

Olin Corporation: Wilmington, MA Facility



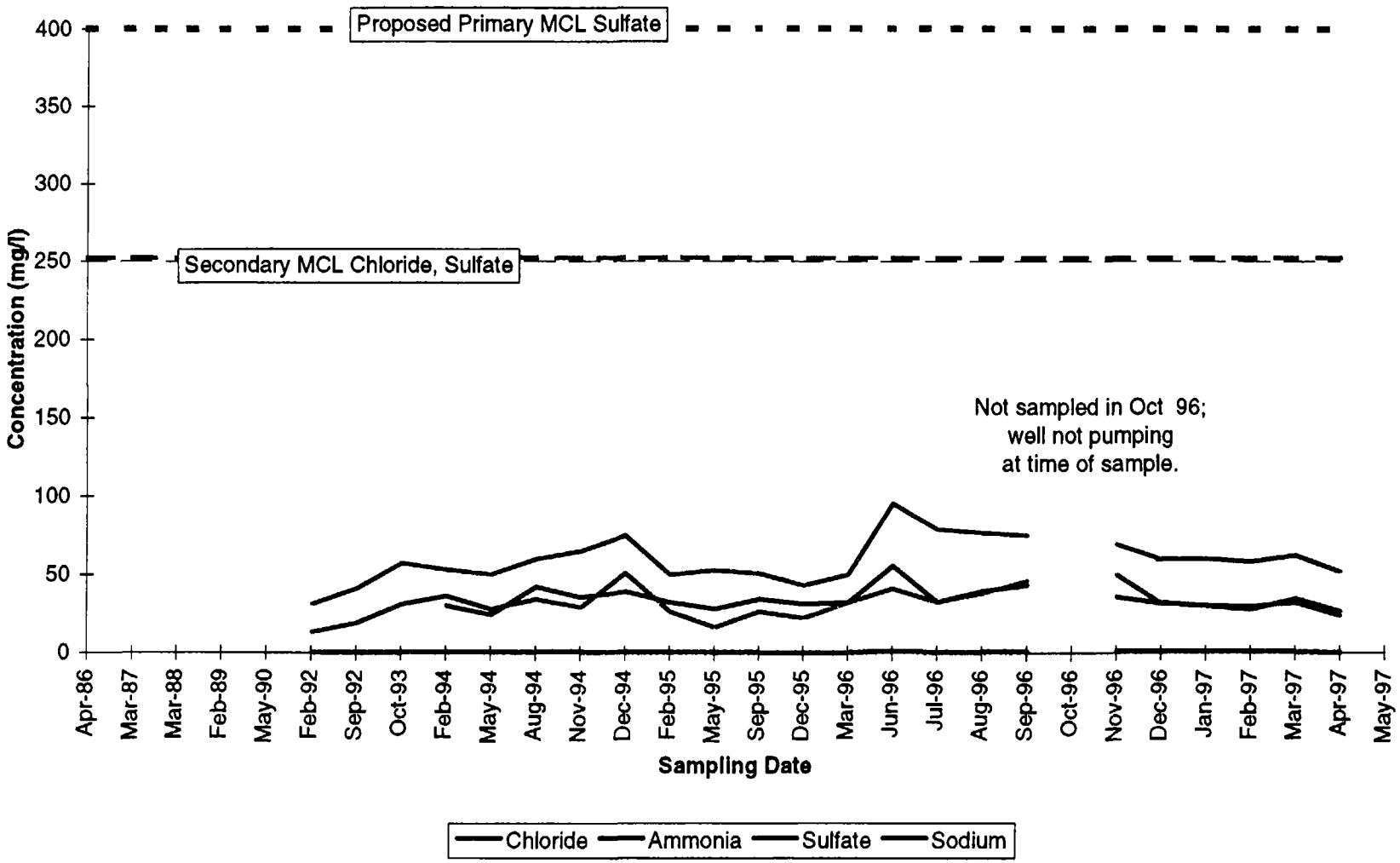
Data gaps indicate data not available except where noted otherwise.

US EPA ARCHIVE DOCUMENT

FIGURE 2-33

Concentrations of Indicator Parameters in Chestnut Street Well No. 1A/2

Olin Corporation: Wilmington, MA Facility



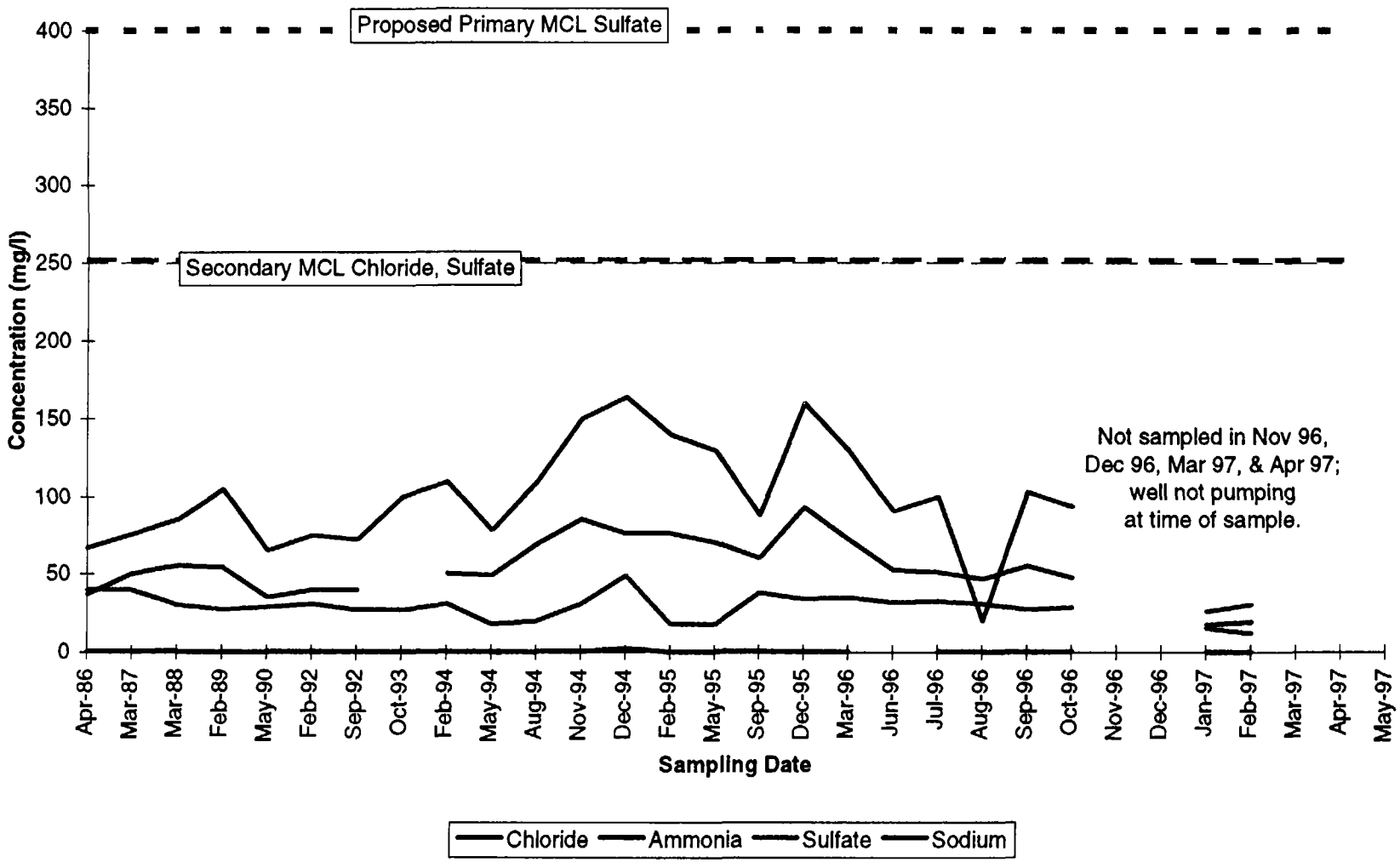
Data gaps indicate data not available except where noted otherwise.

US EPA ARCHIVE DOCUMENT

FIGURE 2-34

Concentrations of Indicator Parameters in Town Park Well

Olin Corporation: Wilmington, MA Facility



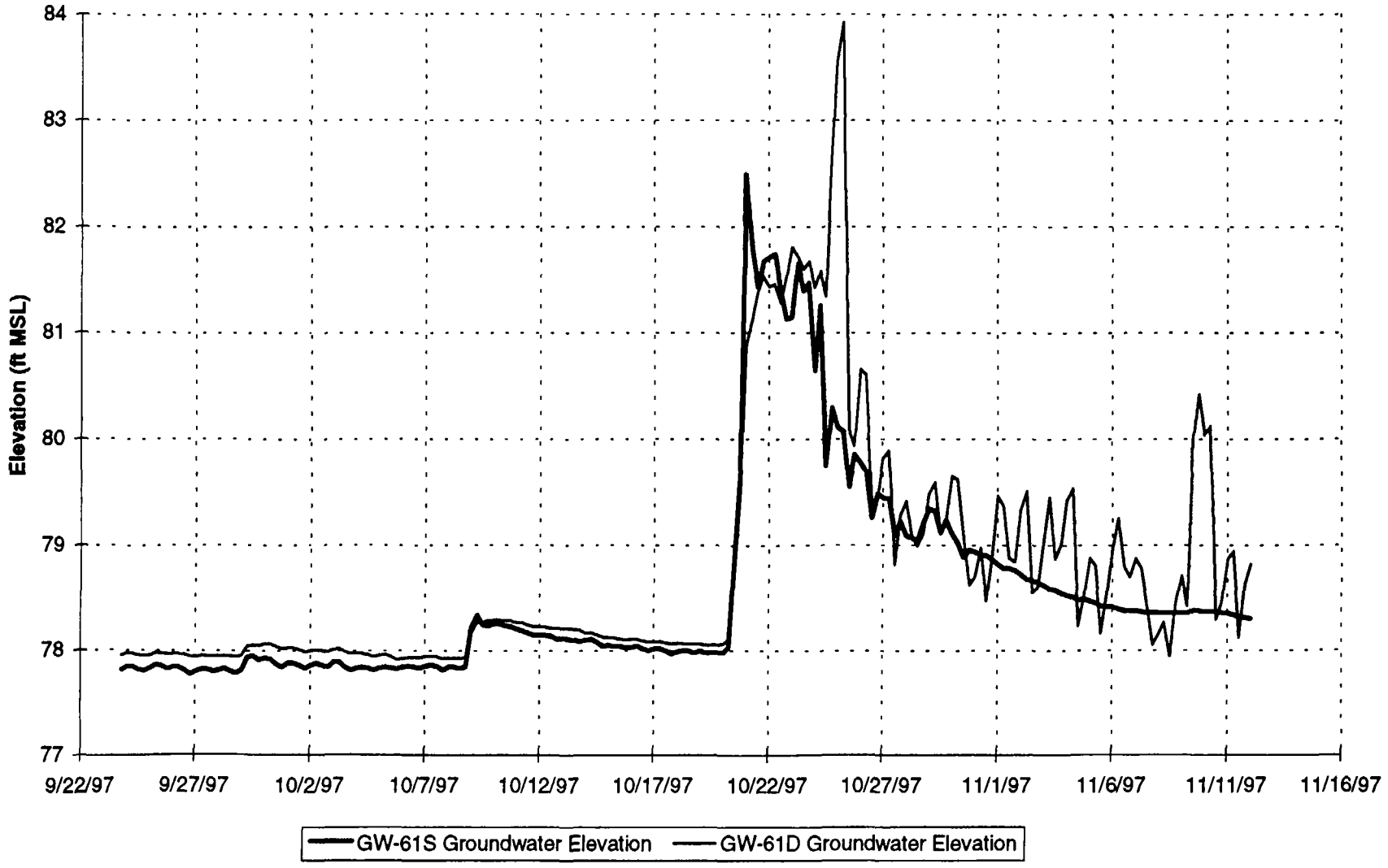
Data gaps indicate data not available except where noted otherwise.

US EPA ARCHIVE DOCUMENT

FIGURE 2-35

Groundwater Level Fluctuations at GW-61 Cluster

Olin Corporation: Wilmington, MA Facility

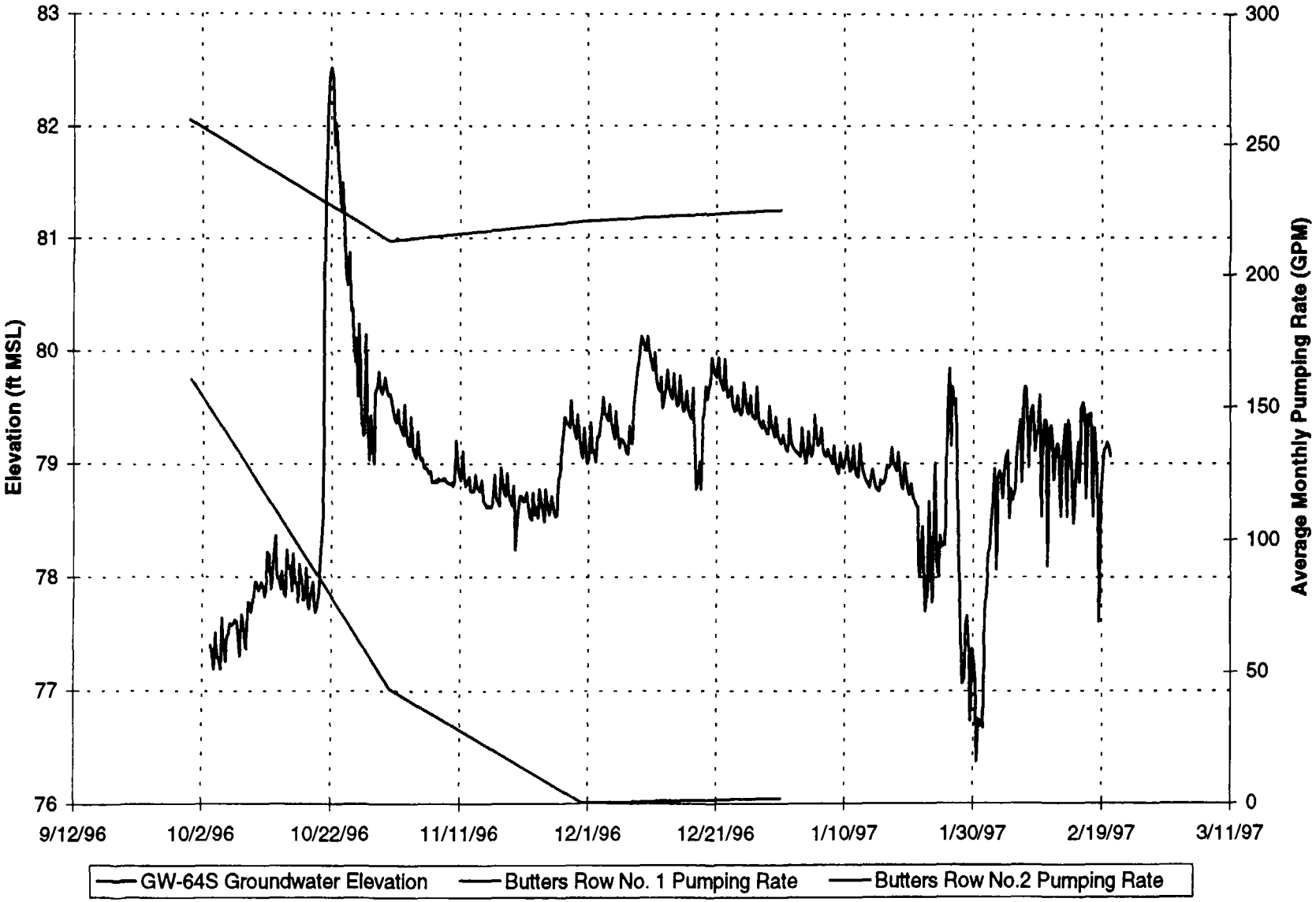


US EPA ARCHIVE DOCUMENT

FIGURE 2-36

Groundwater Level Fluctuations at GW-64S and Pumping Rates of Nearby Town Wells

Olin Corporation: Wilmington, MA Facility

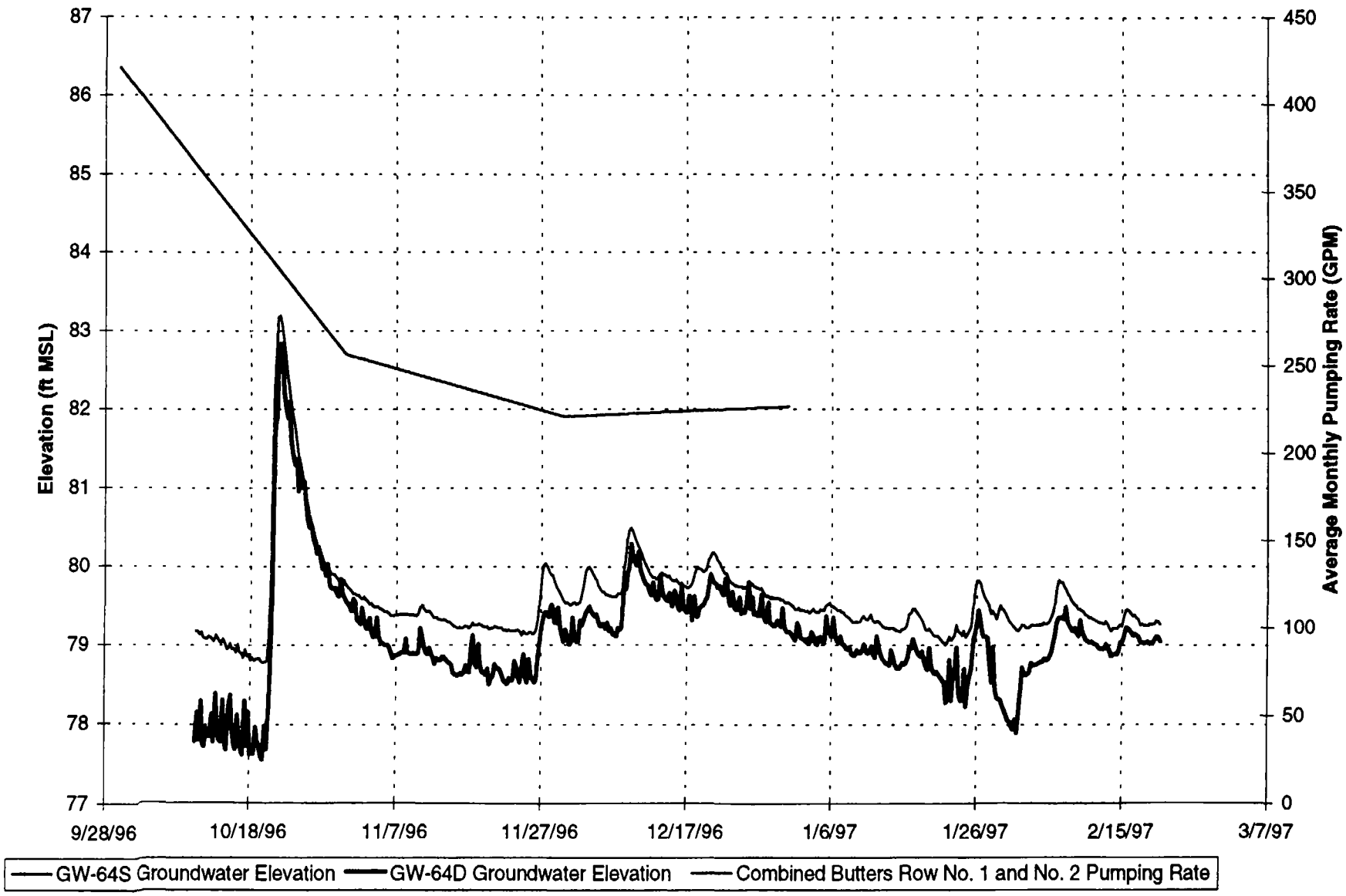


US EPA ARCHIVE DOCUMENT

FIGURE 2-37

Groundwater Level Flucuations at GW-65 Cluster and Pumping Rates of Nearby Town Wells

Olin Corporation: Wilmington, MA Facility

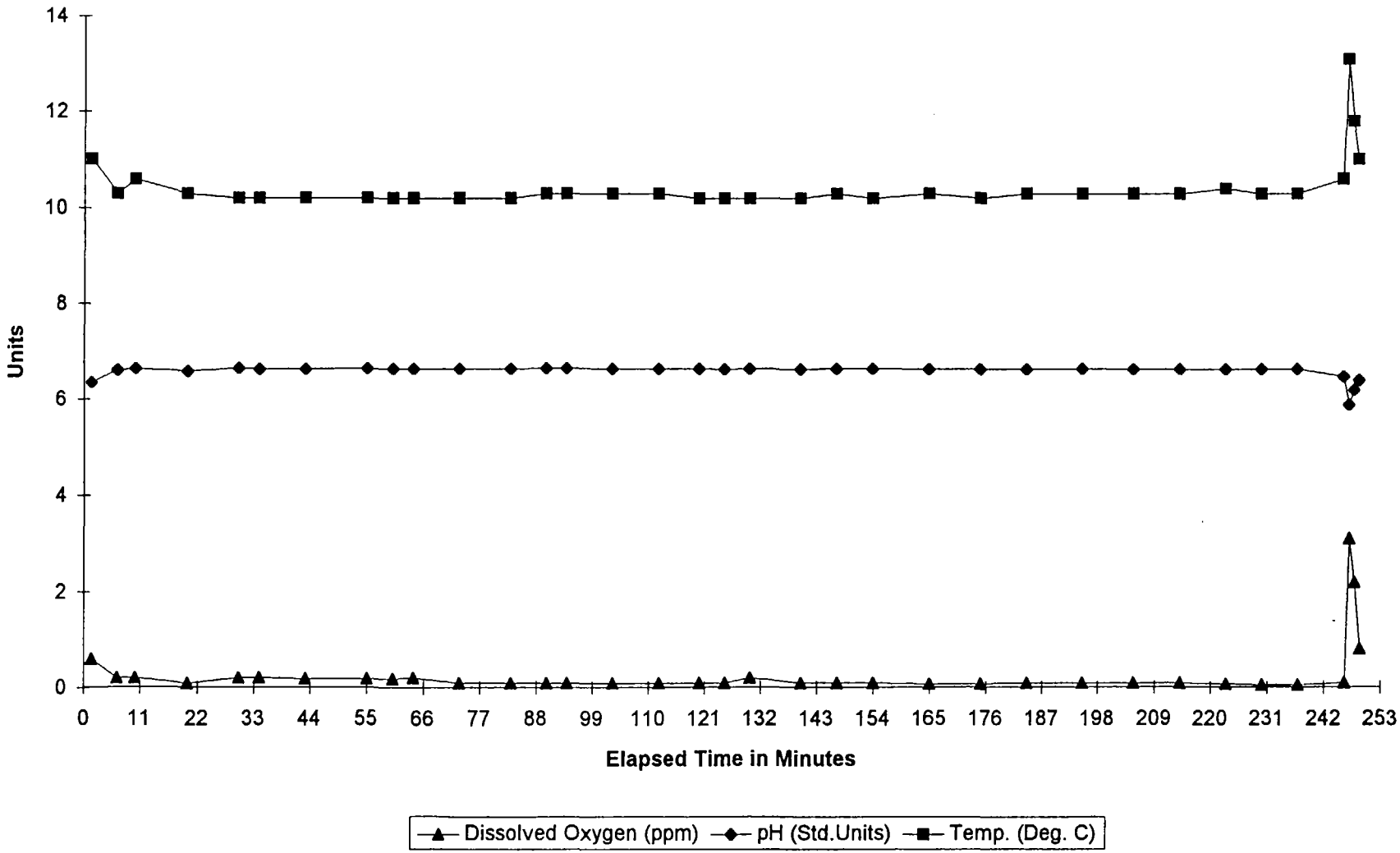


US EPA ARCHIVE DOCUMENT

FIGURE 2-38

Time Series Sampling Test - GW-64D Field Parameters

Olin Corporation: Wilmington, MA Facility



US EPA ARCHIVE DOCUMENT

FIGURE 2-39

Time Series Sampling Test - GW-64D
Chemical Concentration vs. Gallons Pumped

Olin Corporation: Wilmington, MA Facility

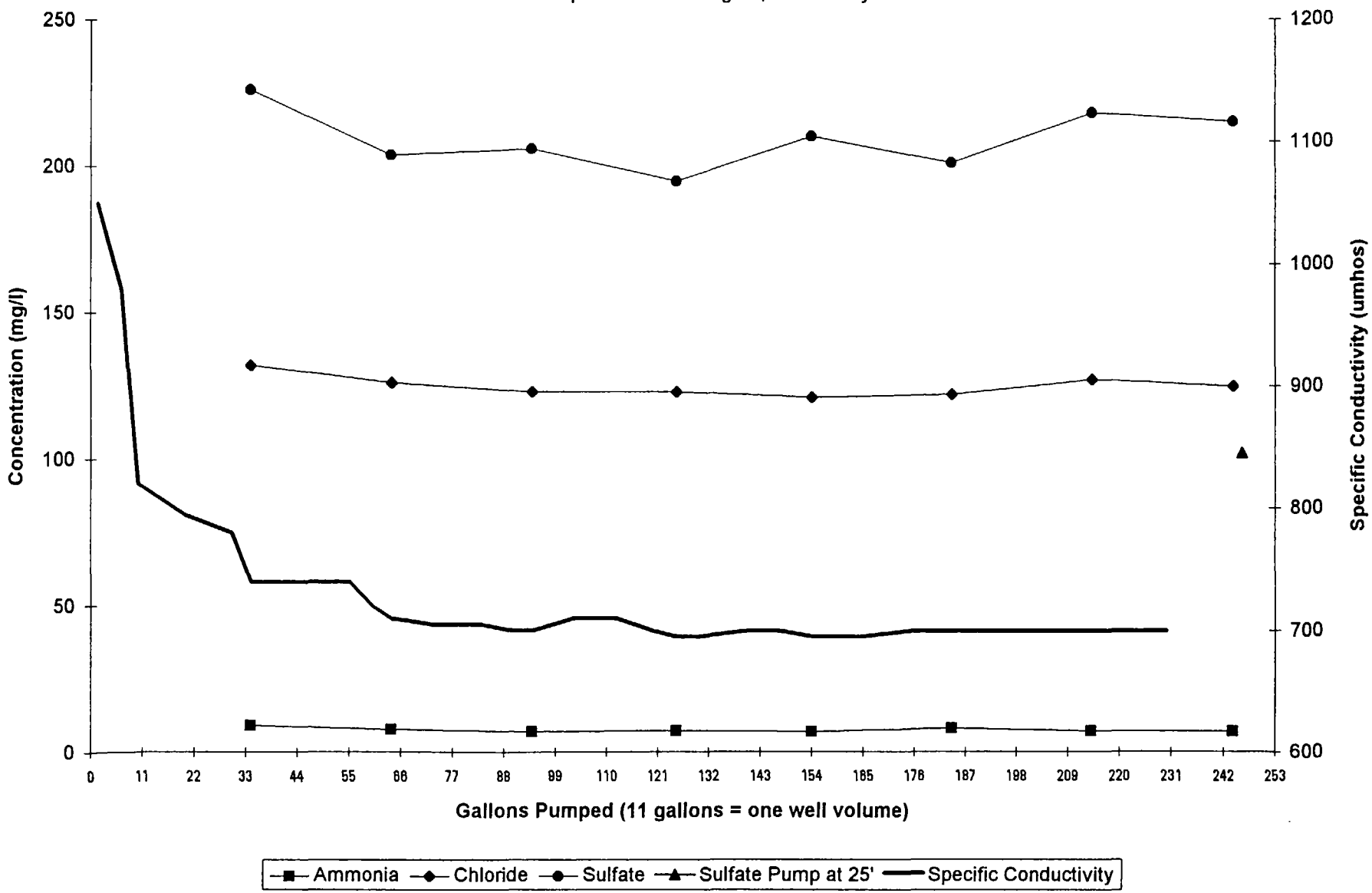
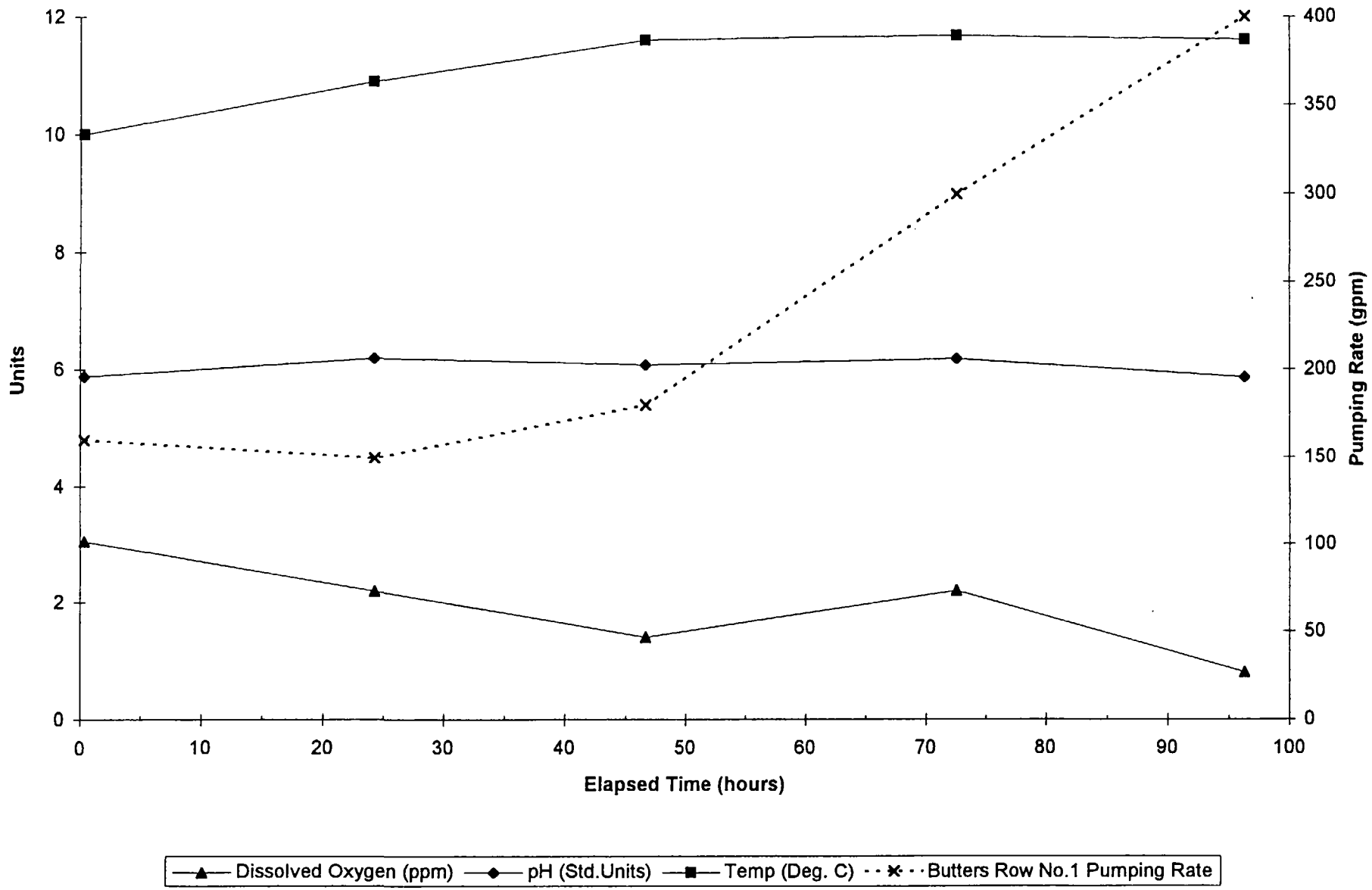


FIGURE 2-40

Time Series Sampling Test - Butters Row No. 1 Field Parameters

Olin Corporation: Wilmington, MA Facility

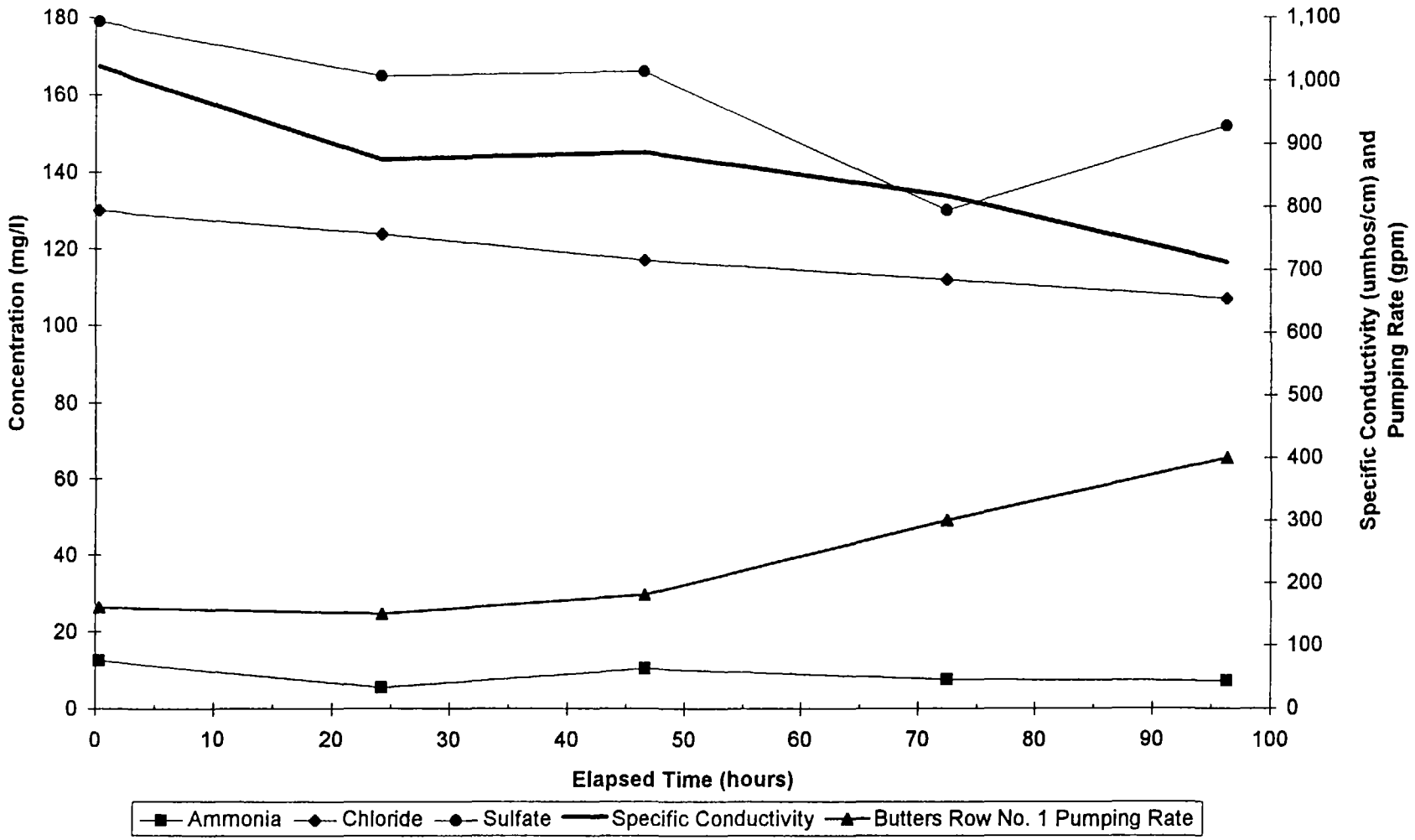


US EPA ARCHIVE DOCUMENT

FIGURE 2-41

Time Series Sampling Test- Butters Row No. 1
Chemical Concentration Over Time

Olin Corporation: Wilmington, MA Facility



Well off for approximately three weeks prior to start of the test (Oct. 22, 1996).

US EPA ARCHIVE DOCUMENT

US EPA ARCHIVE DOCUMENT

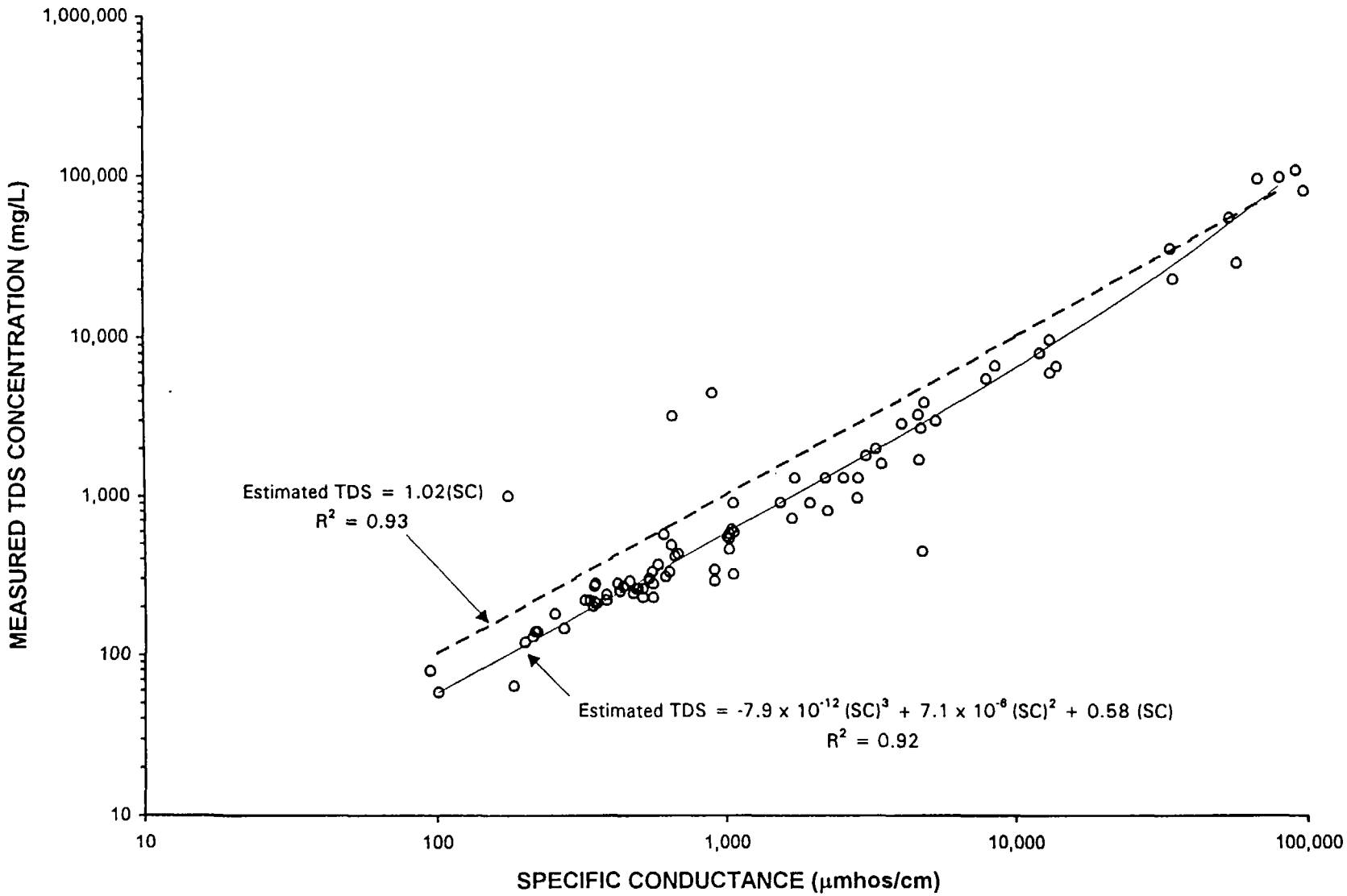


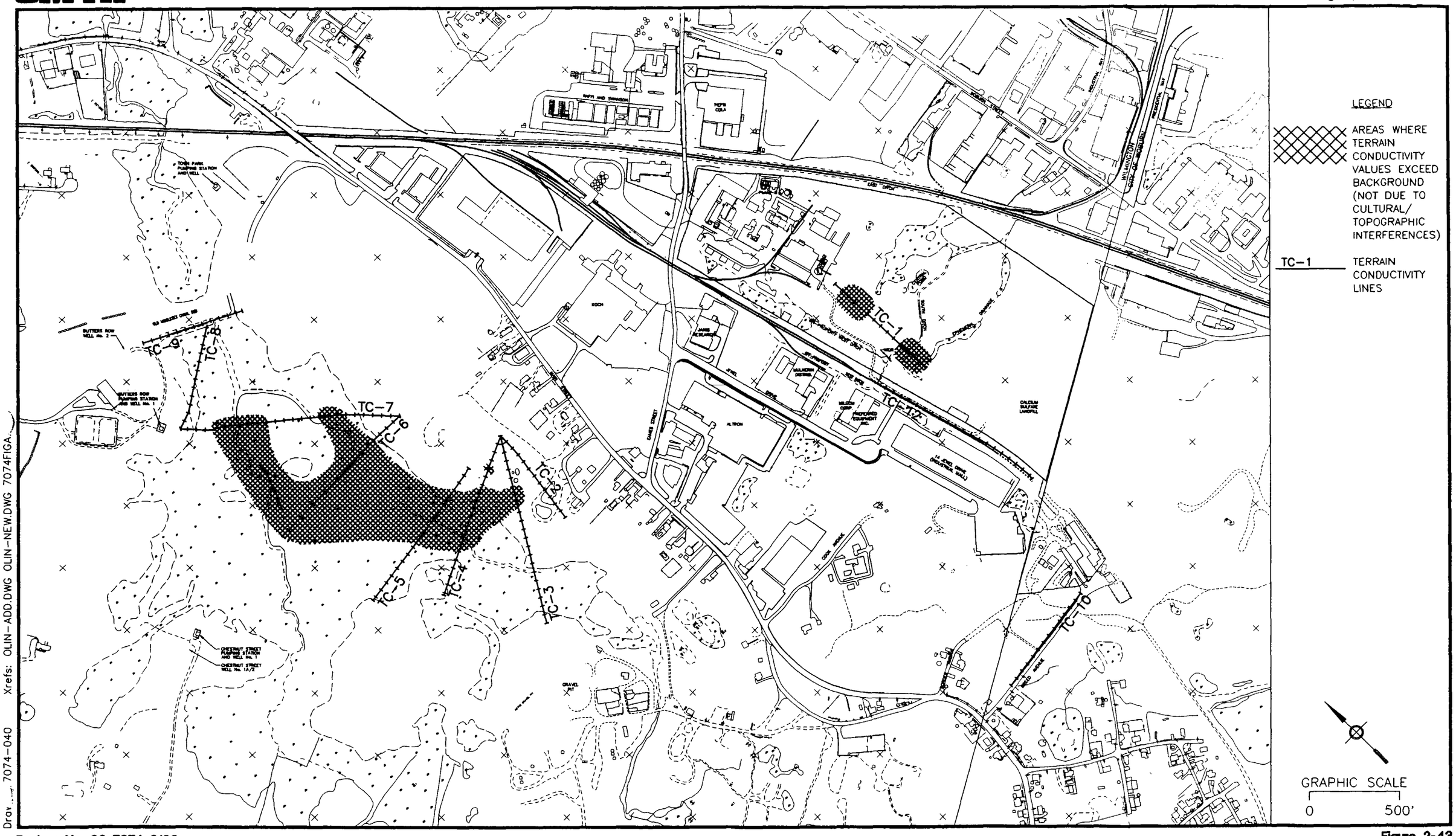
Figure 2-42 Measured TDS concentrations and specific conductance values in site groundwaters.

g:\common\report\0297data\GW_F2.XLS SCvTDSm

US EPA ARCHIVE DOCUMENT

SMITH TECHNOLOGY CORPORATION

Olin Corporation
Wilmington, Massachusetts

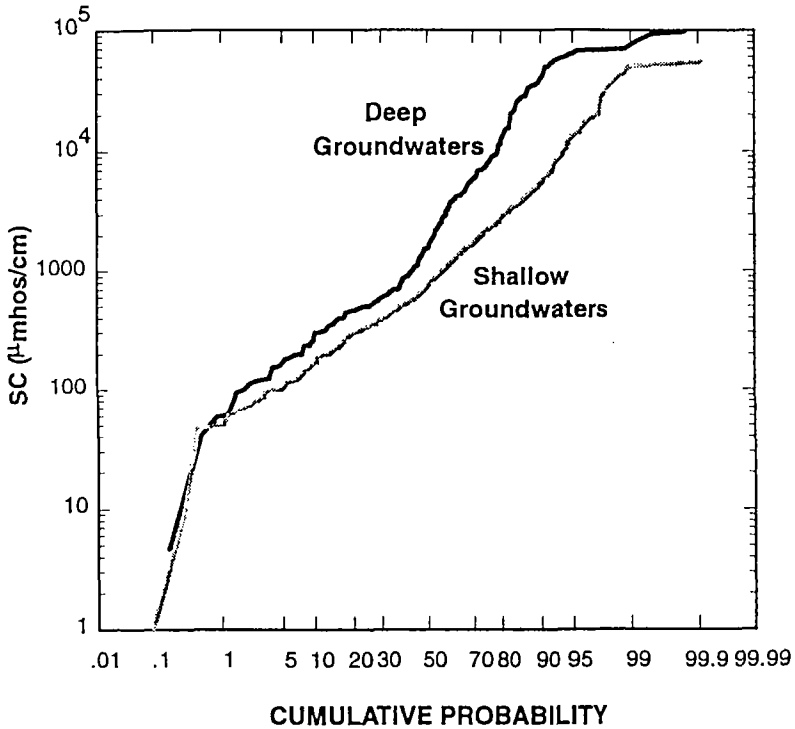


Drav.: 7074-040 Xrefs: OLIN-ADD.DWG OLIN-NEW.DWG 7074FIGA

Project No. 00-7074-0102
June 20, 1997

Figure 2-43
Terrain Conductivity Anomalies

US EPA ARCHIVE DOCUMENT



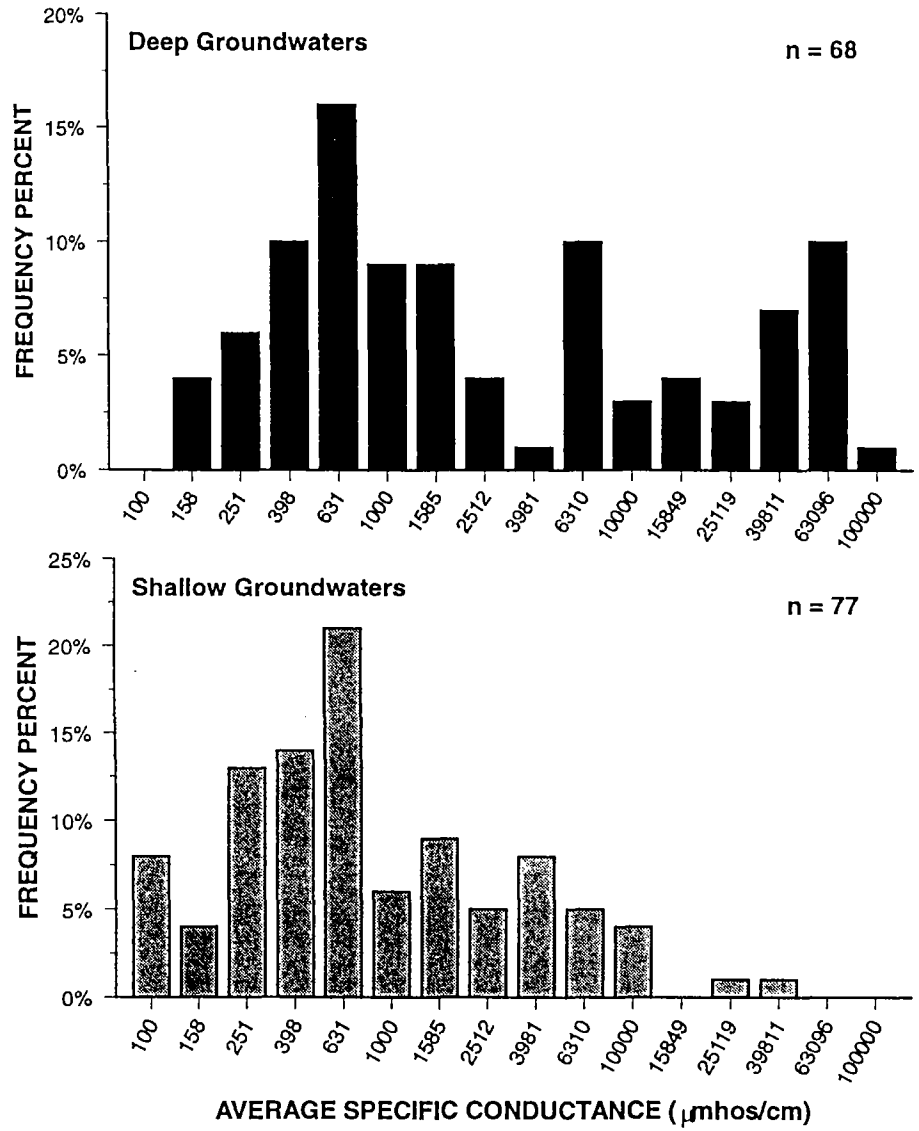


Figure 2-44 Distribution of average groundwater specific conductance values at each well.

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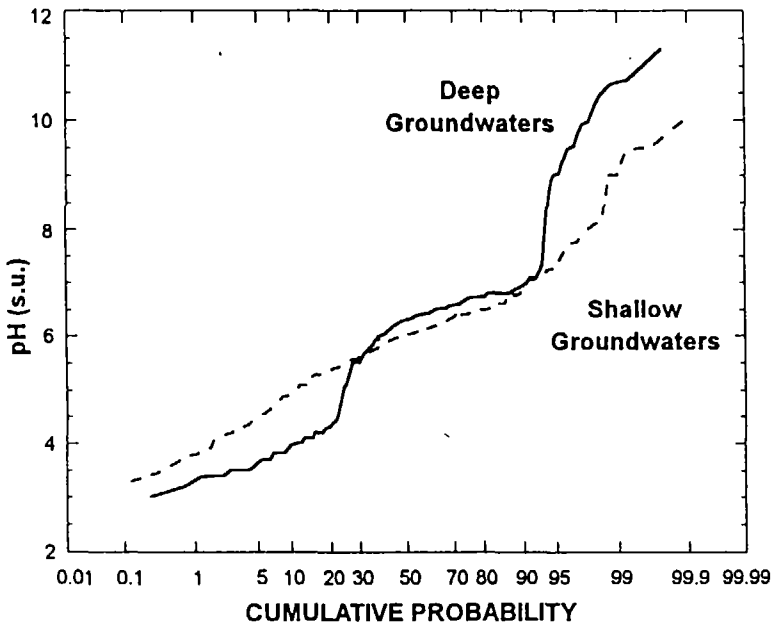

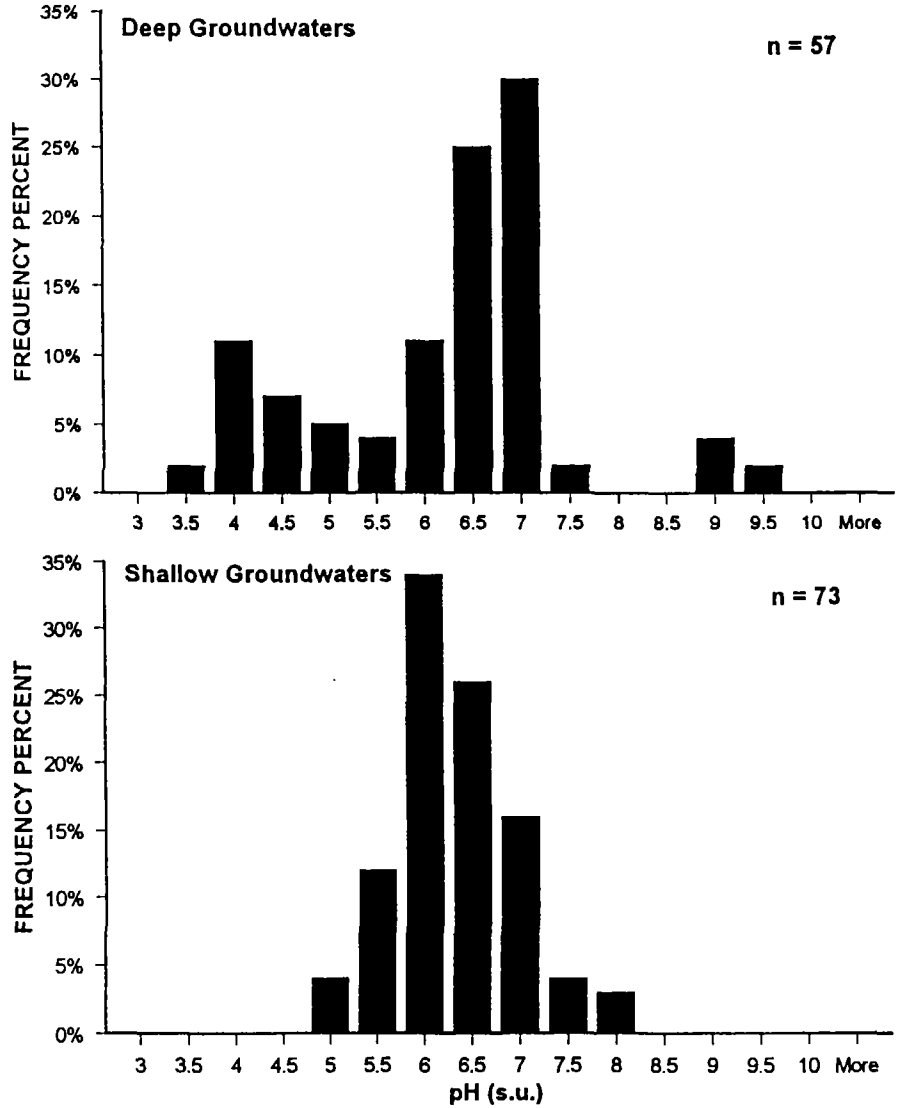

Figure 2-45 Distribution of average groundwater pH values at each well.

US EPA ARCHIVE DOCUMENT

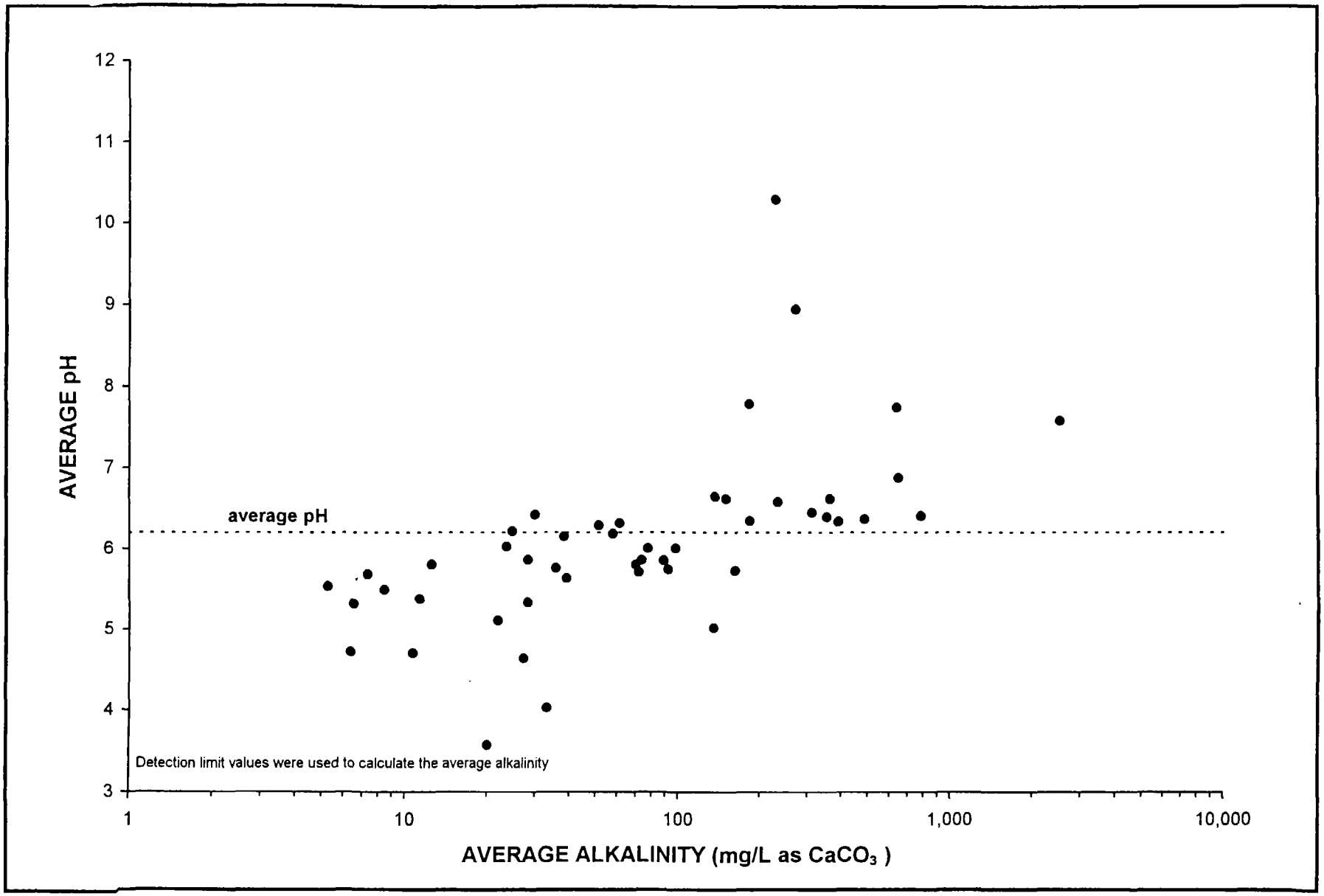

Figure 2-46 Average alkalinity and pH at each well.

g:\common\c692\report\ALKAVGS.XLS Chart1

Figure 2-47

Titration Curve for a Dense Layer

Sample from GW-42D used to Determine Total Acidity

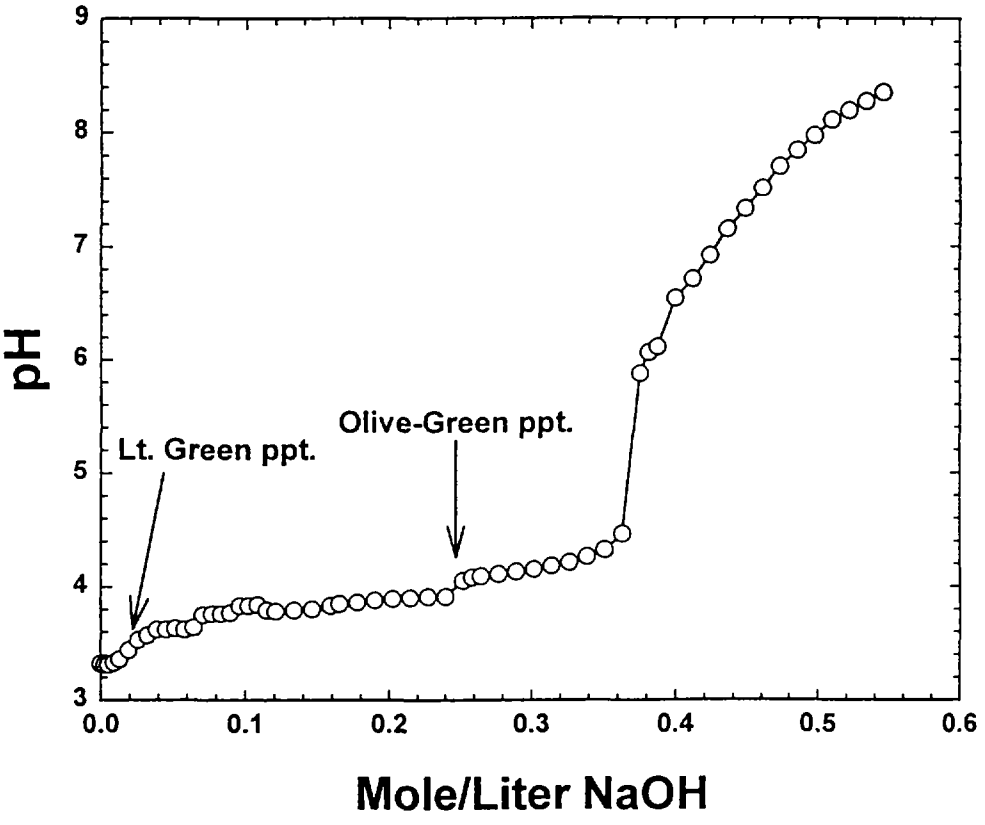

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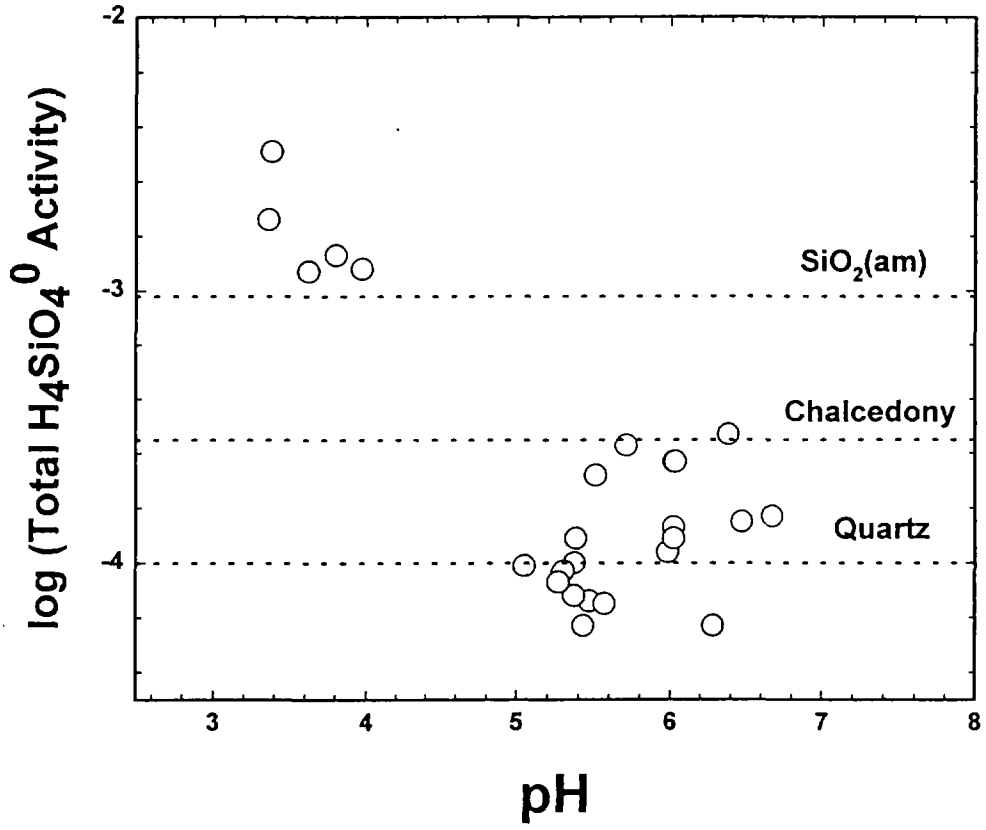
Figure 2-48

Concentrations of Silicic Acid as a Function of pH

Compared to Solubilities of Common Solubility Controls



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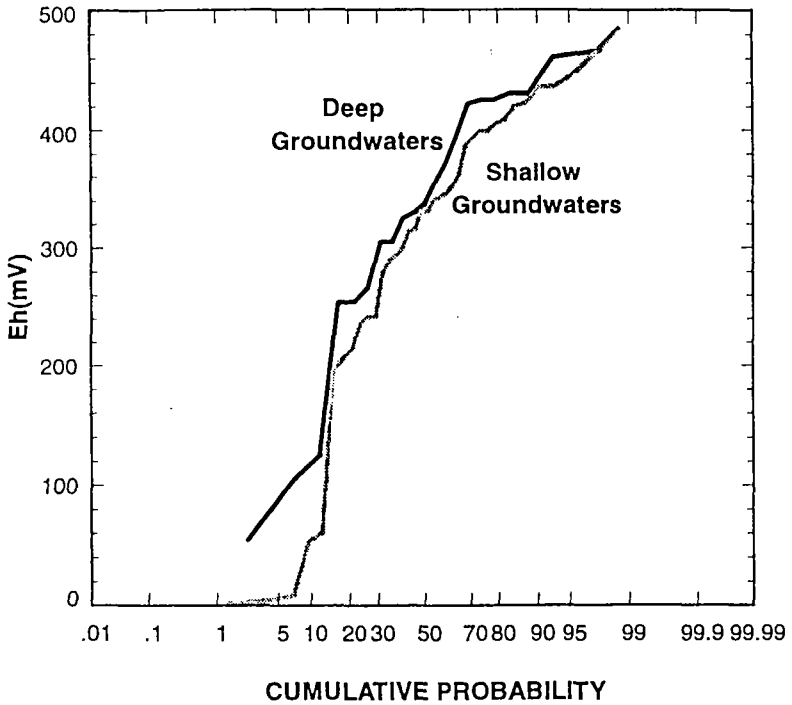

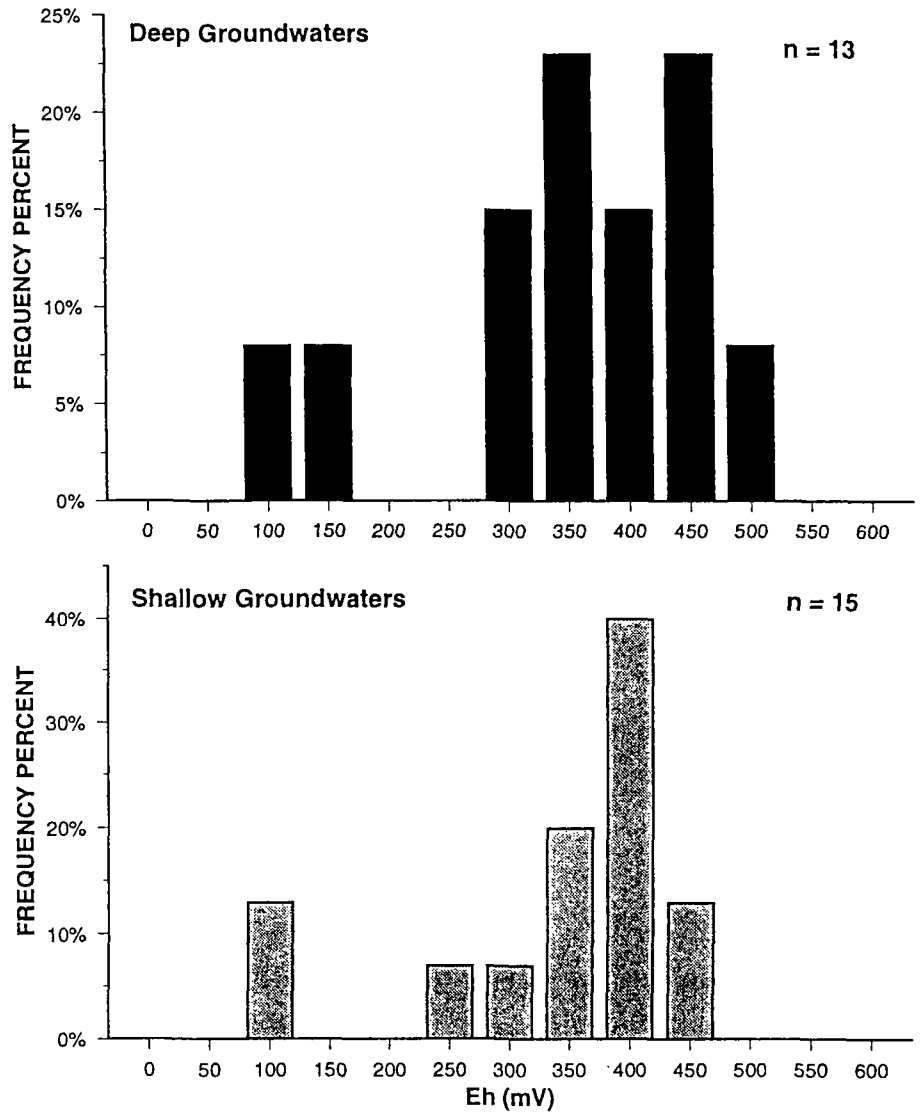

Figure 2-49 Distribution of average groundwater Eh values at each well.

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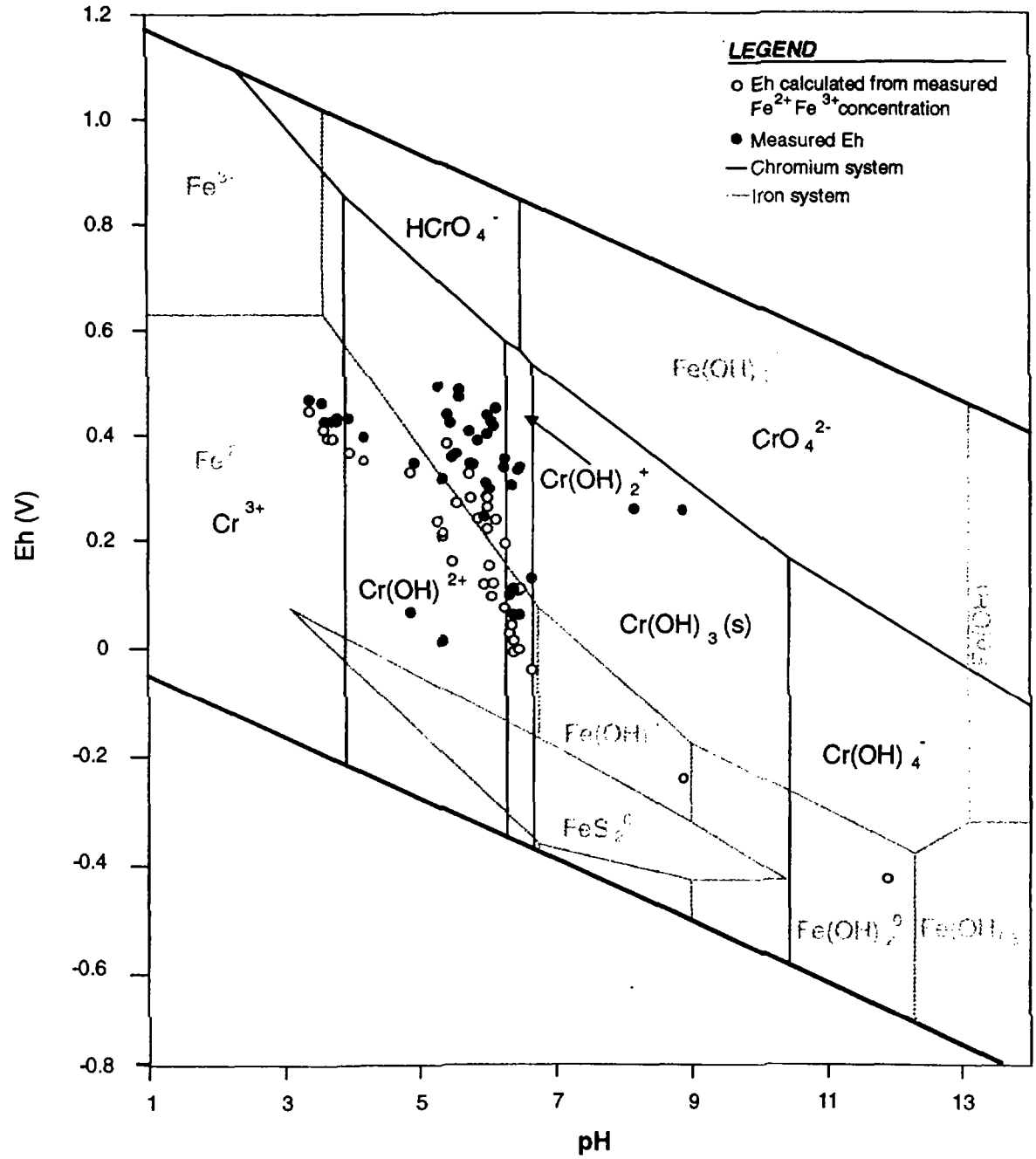

Figure 2-50 Eh/pH diagram showing the iron and chromium systems.

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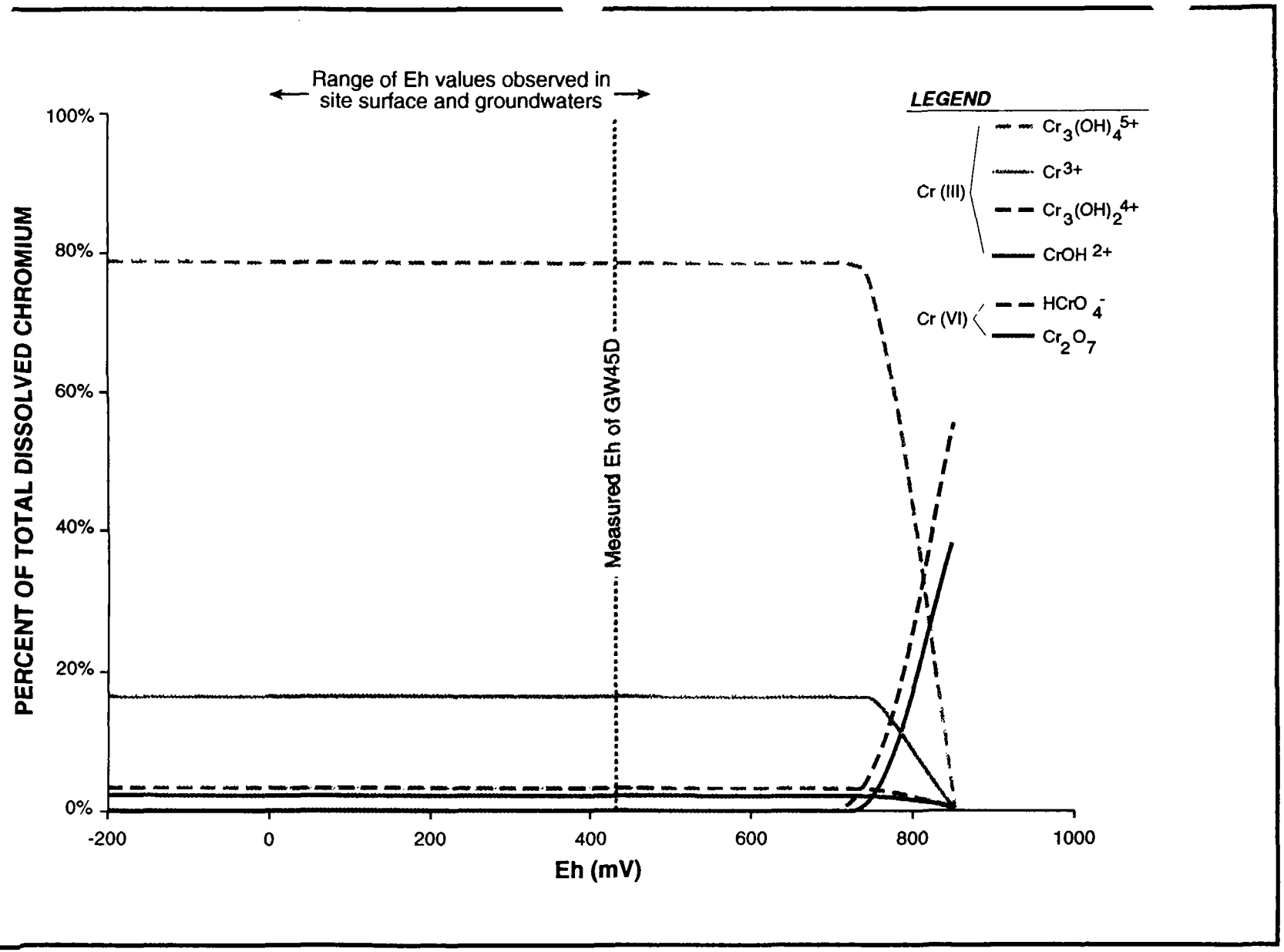

Figure 2-51 Chemical speciation of dissolved chromium in groundwaters collected from GW-45-d during October 1995.

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US EPA ARCHIVE DOCUMENT

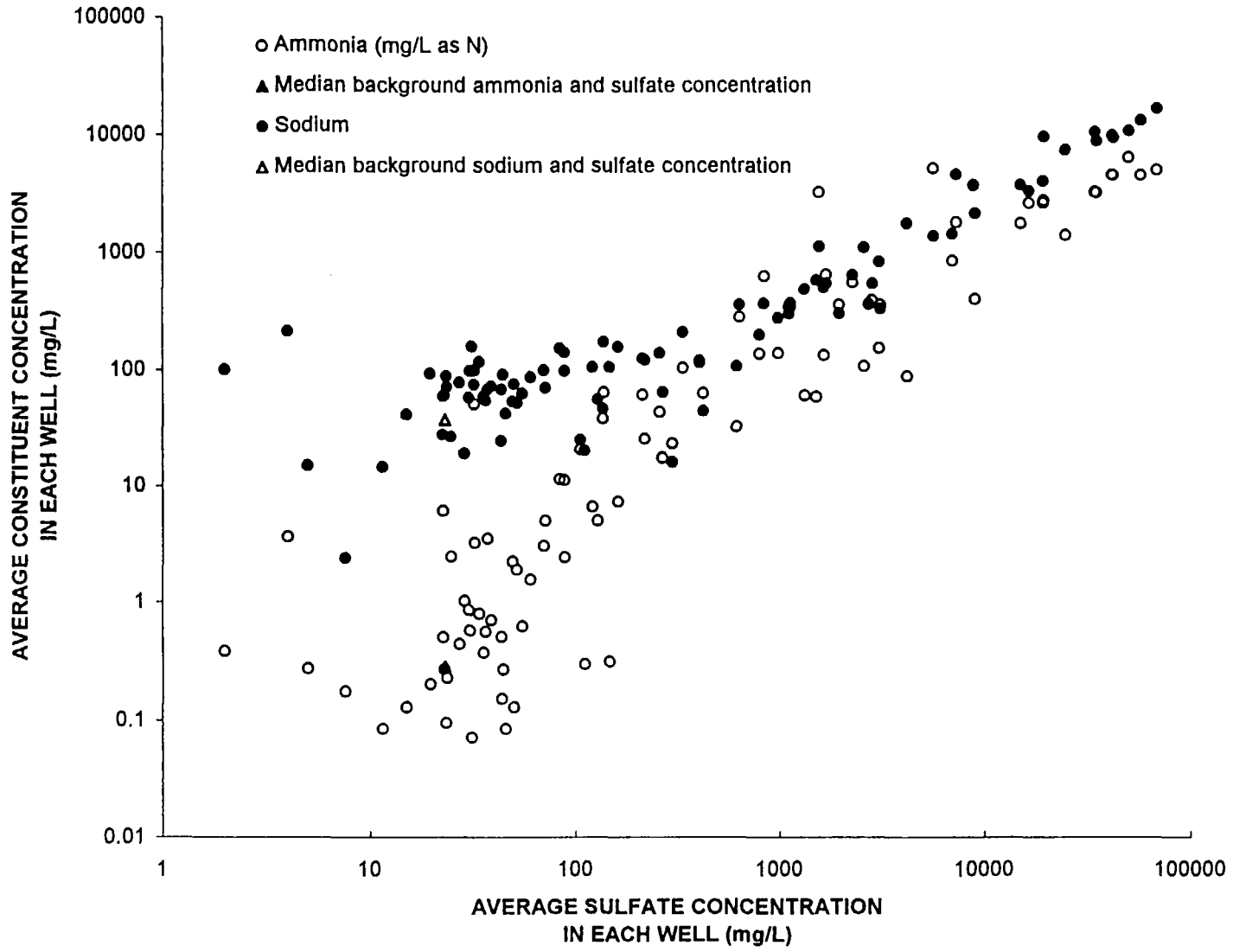

Figure 2-52 Average ammonia, sodium, and sulfate concentration in site groundwaters.

g:\commonreport\0297data\MOST_GW2.XLS Chart8

US EPA ARCHIVE DOCUMENT

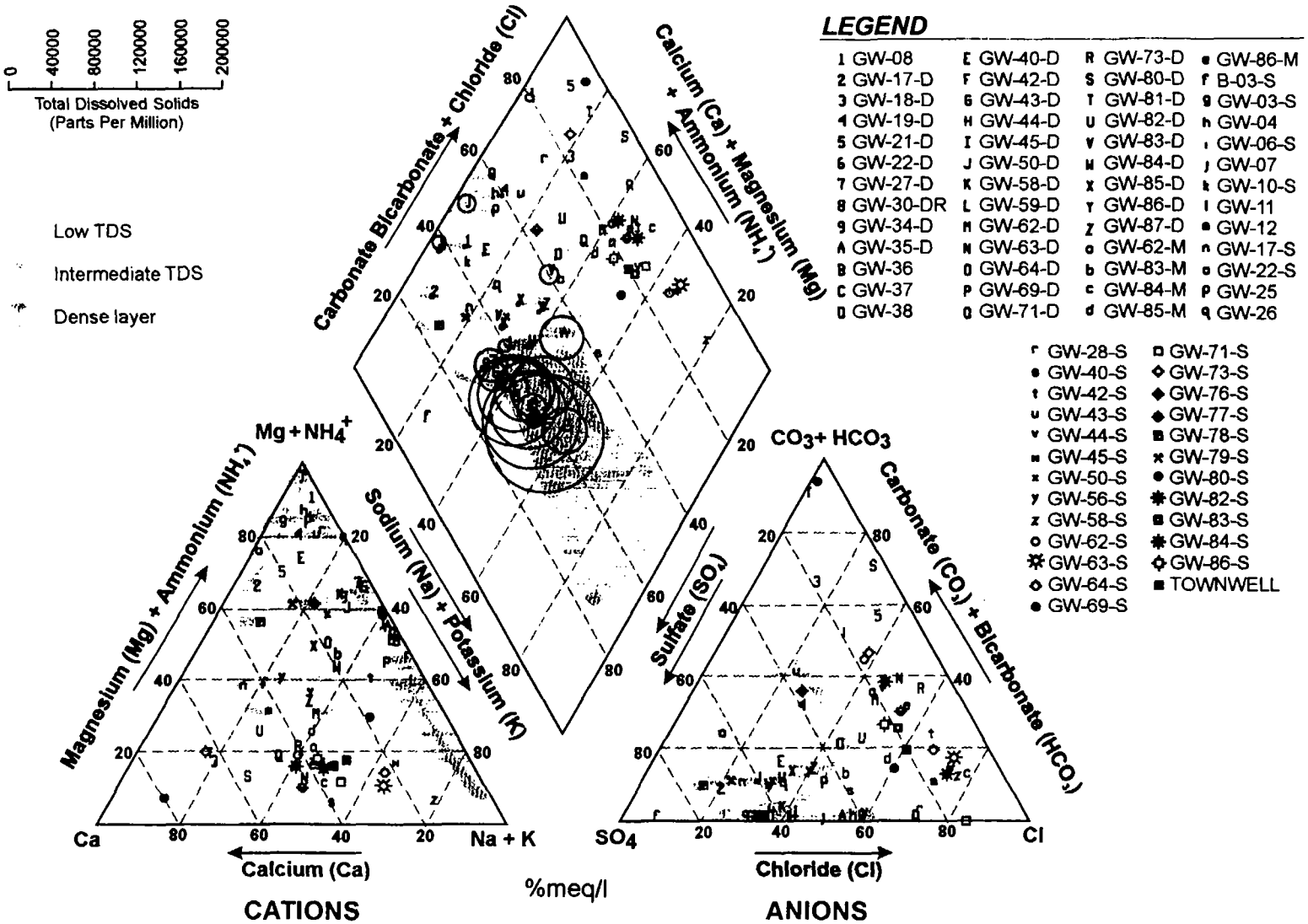

Figure 2-53 Modified Piper diagram showing the average major ion composition of each well.

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US EPA ARCHIVE DOCUMENT

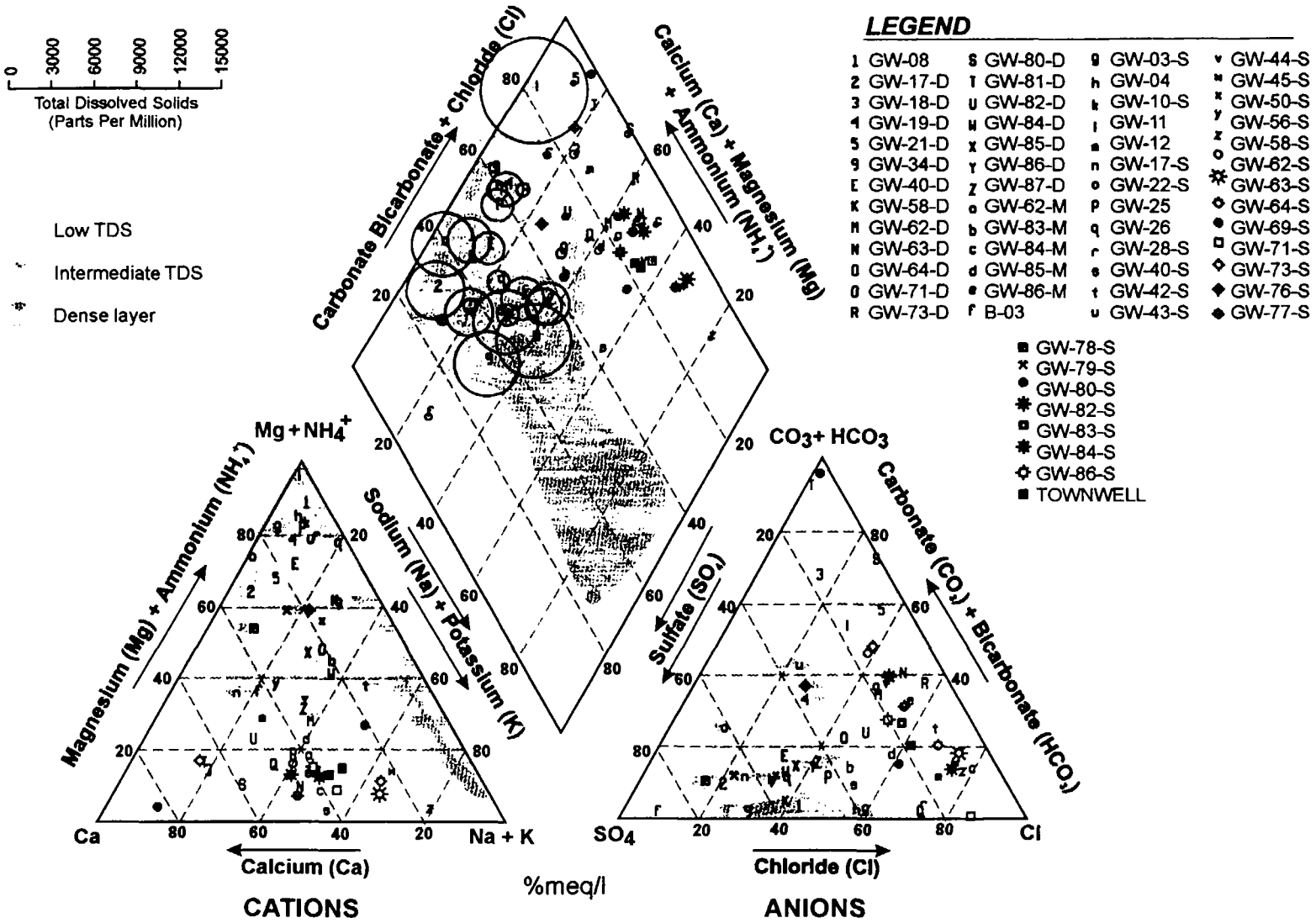

Figure 2-54 Modified Piper diagram showing the average major ion concentration of wells with TDS concentrations <10,000 mg/L.

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US EPA ARCHIVE DOCUMENT

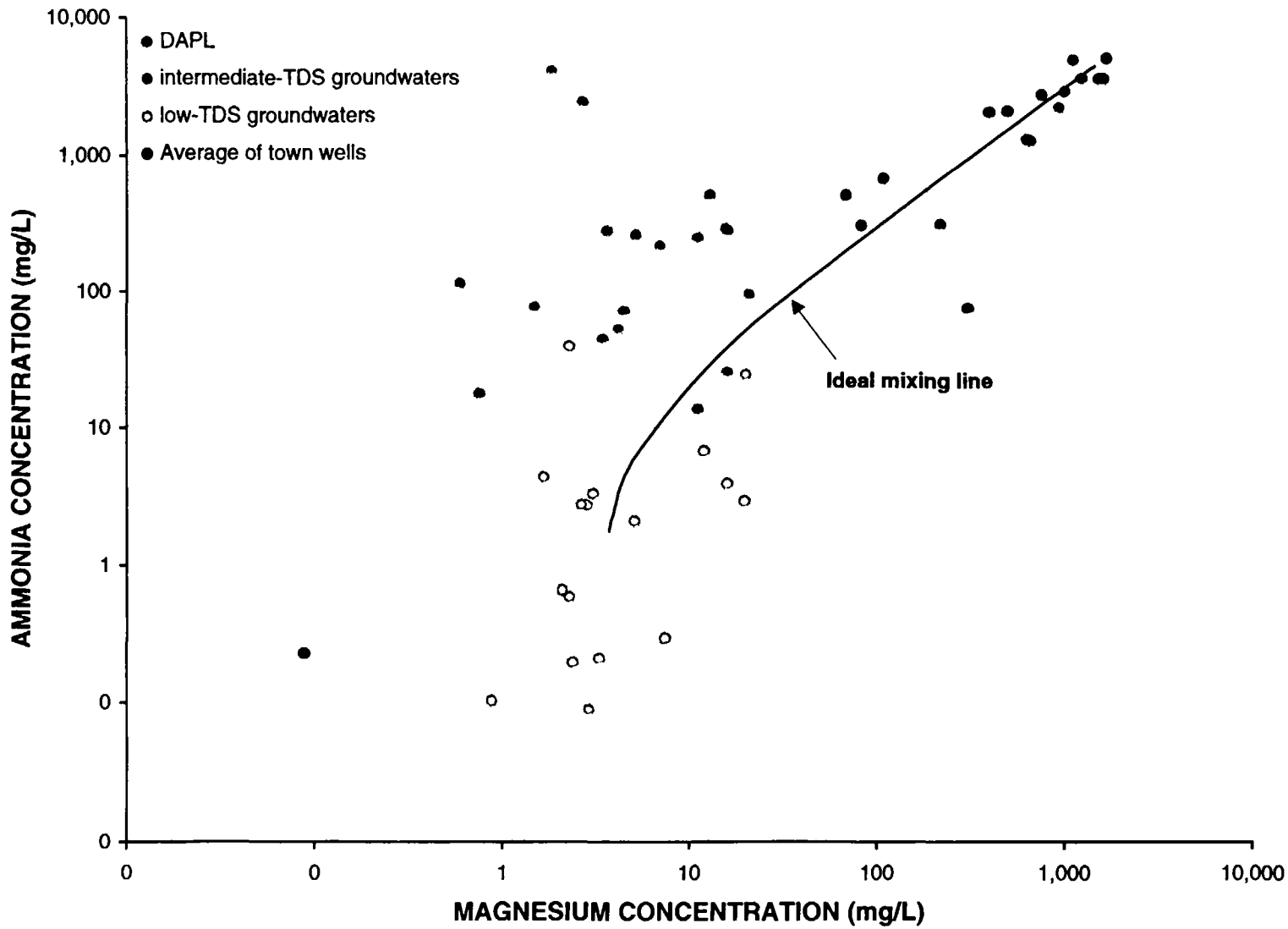

Figure 2-55 Comparison between average ammonia and magnesium concentrations in wells included in the modified Piper diagrams.

g:\common\c692\report\Mgvsnh4.xls[e] Chart1

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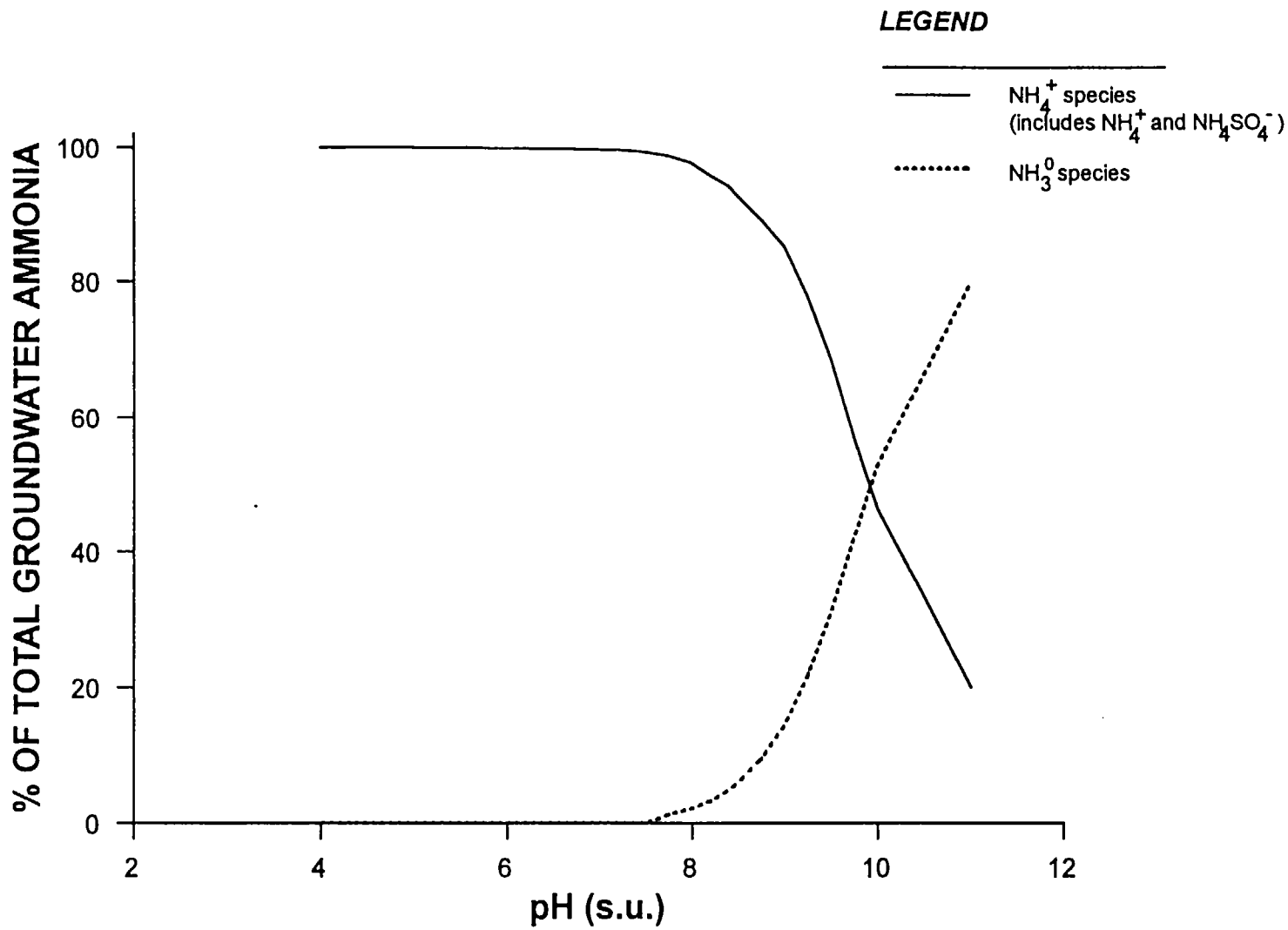

Figure 2-56 Ammonia speciation in well GW-45-d groundwater, assuming a hypothetical increase in pH from 4 to 11.

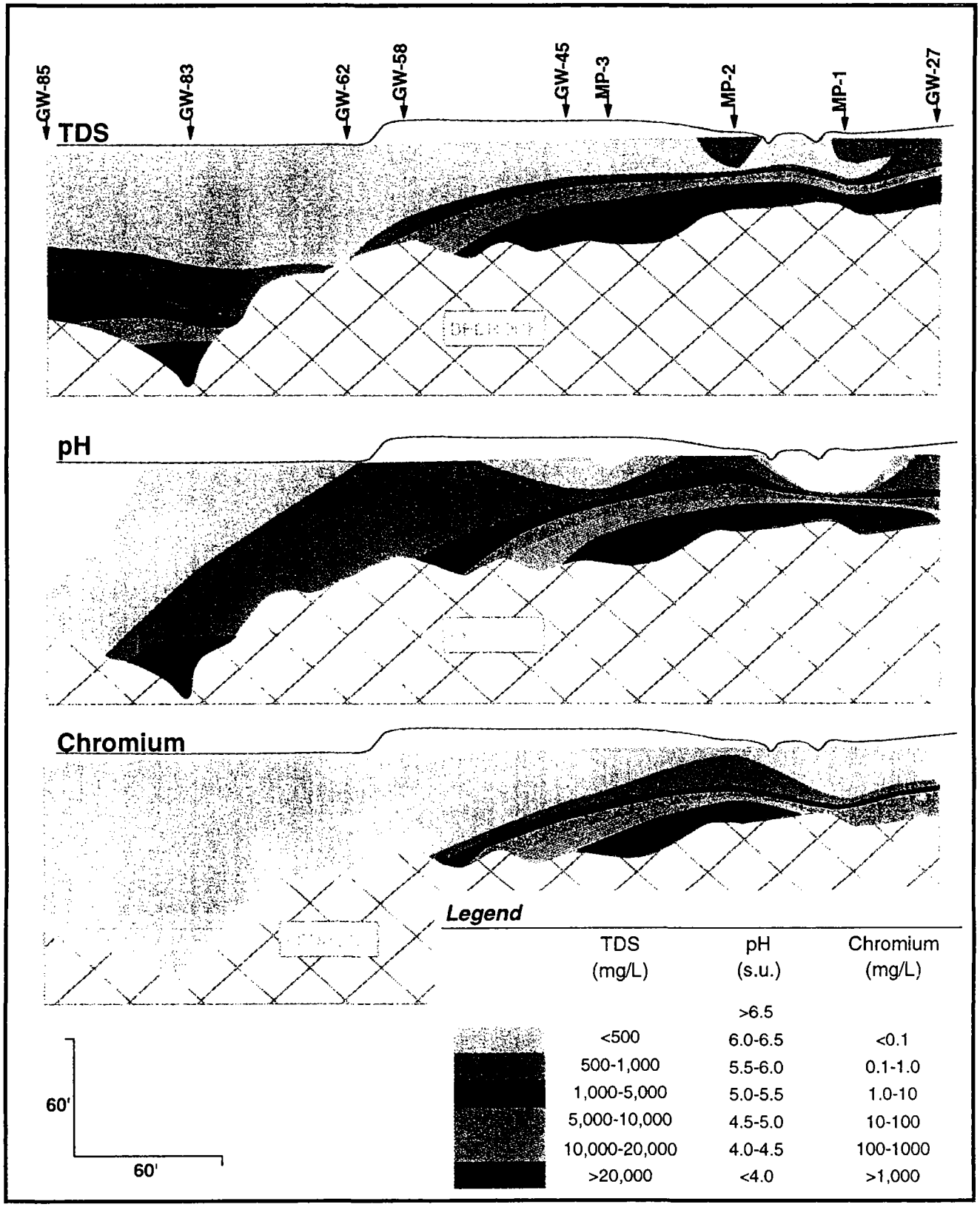

Figure 2-57 Groundwater concentration of TDS, pH, and chromium along cross section I-I'.

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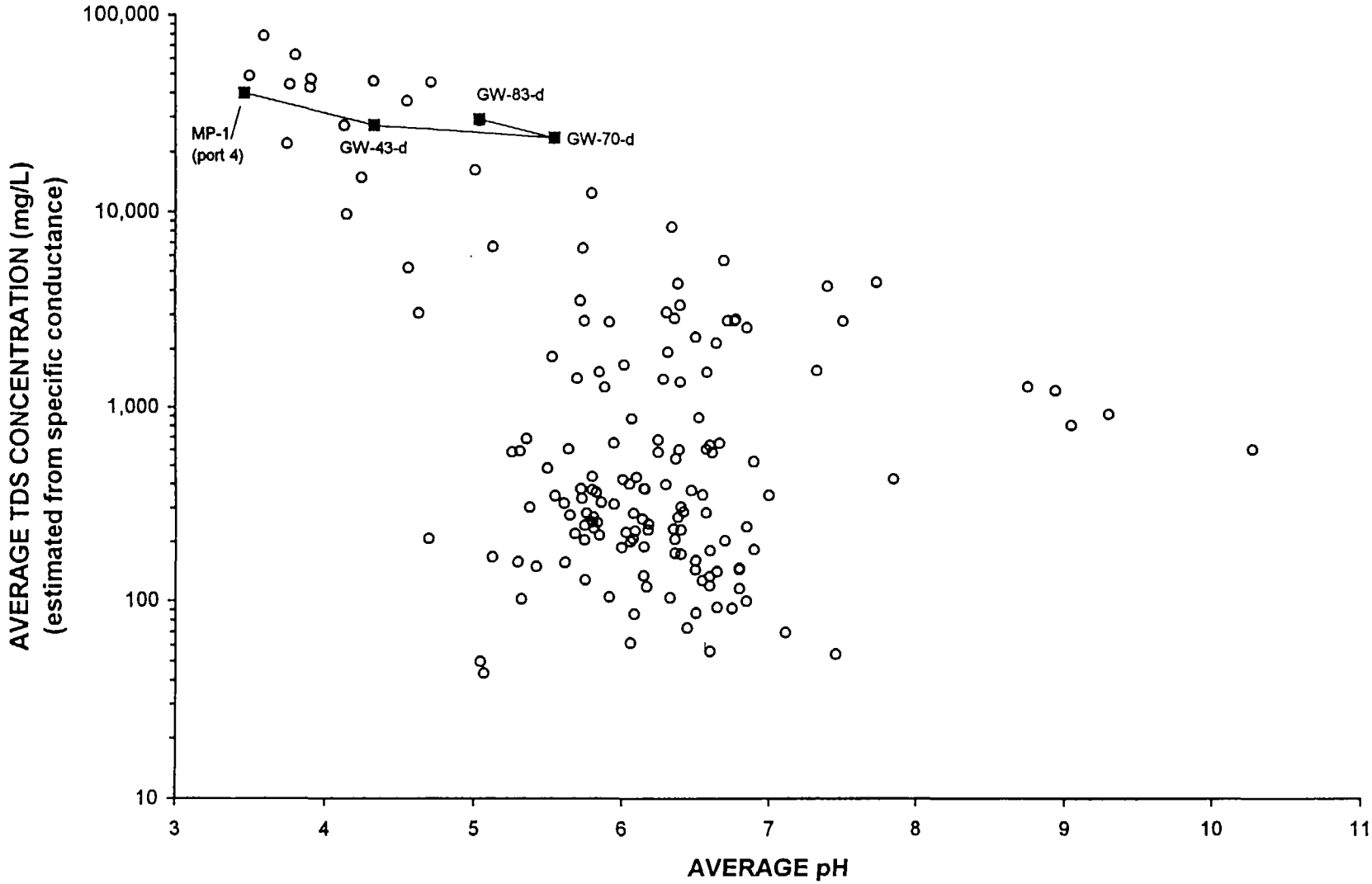

Figure 2-58 Average TDS concentration and pH values in site groundwaters and dense layer.

g:\common\c692\0796data\PHVSSC.XLS Est TDS vs pH

US EPA ARCHIVE DOCUMENT

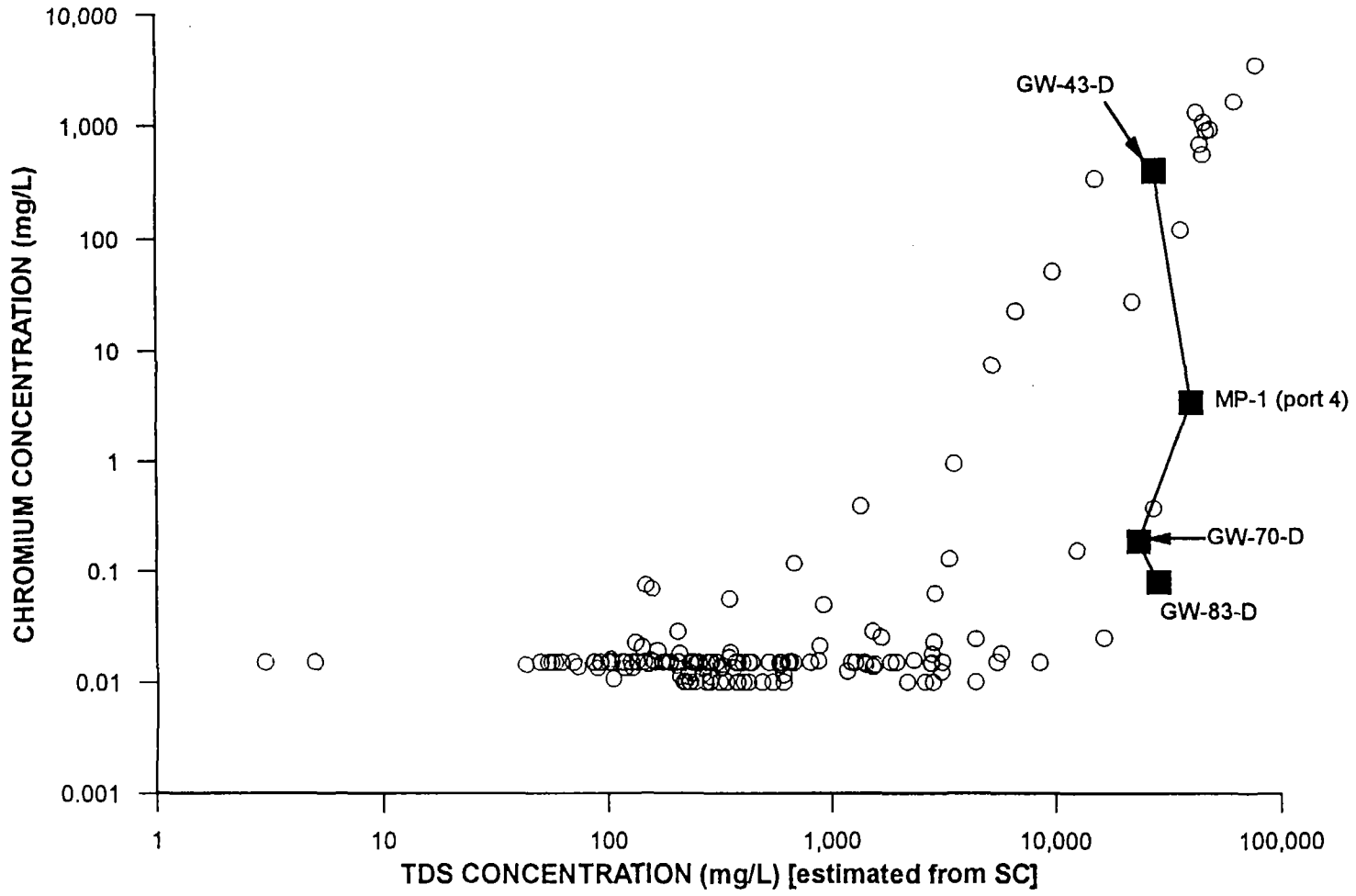

Figure 2-59 Average chromium and total dissolved solids (TDS) concentration in groundwater from each well.

i:\datamgm\c692\smith0297\Cr_TDS.pre 030797

Figure 2-60

Concentrations of Chromium and Iron

as a Function of Depth in Aquifer Samples

Collected Near Monitoring Well GW-42D and Multilevel Piezometer MP-2

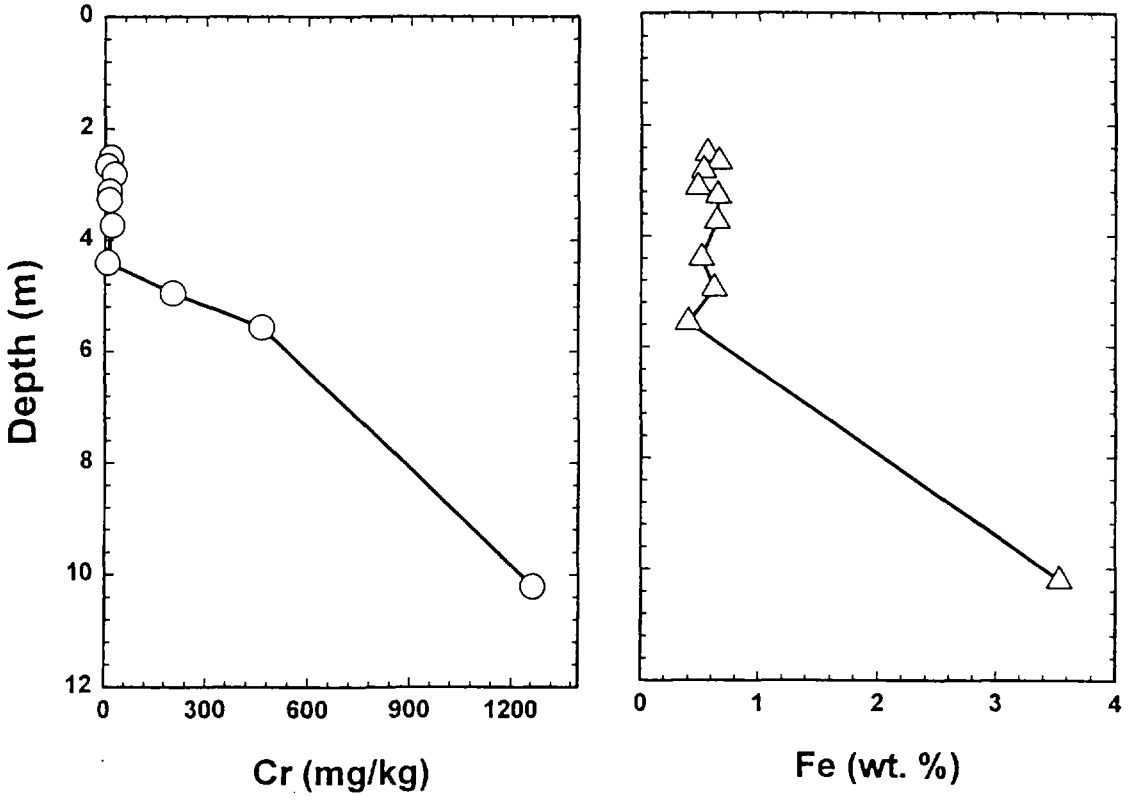

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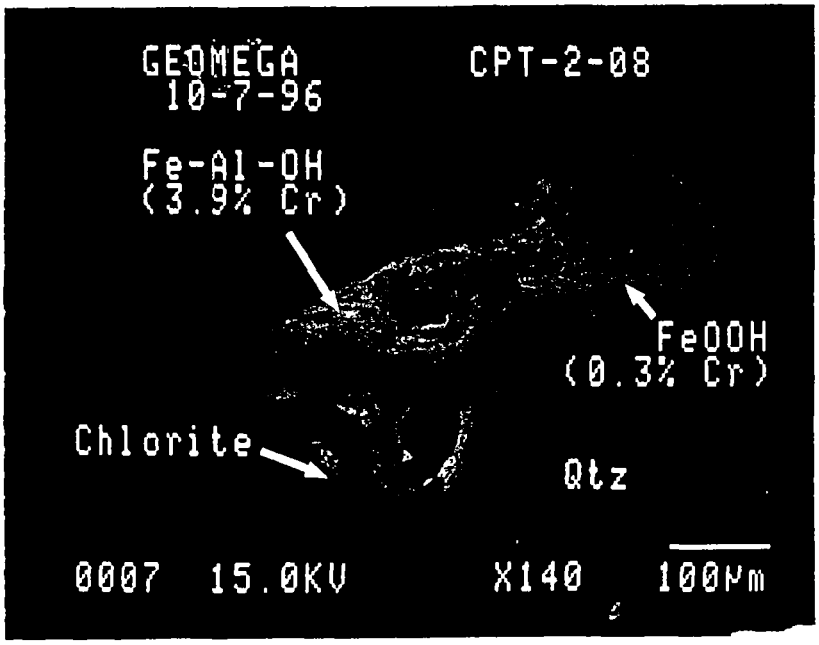
Figure 2-61

Electron Microprobe Backscater Electron Image of Aquifer Material Showing Cromium(III)-Containing Hydroxides in Association with Iron(III) and Aluminum Hydroxide Present as Surface Coatings on Layer Silicates, Including (A) Chlorite and (B) a Clay Mineral, Probobly Illite

a



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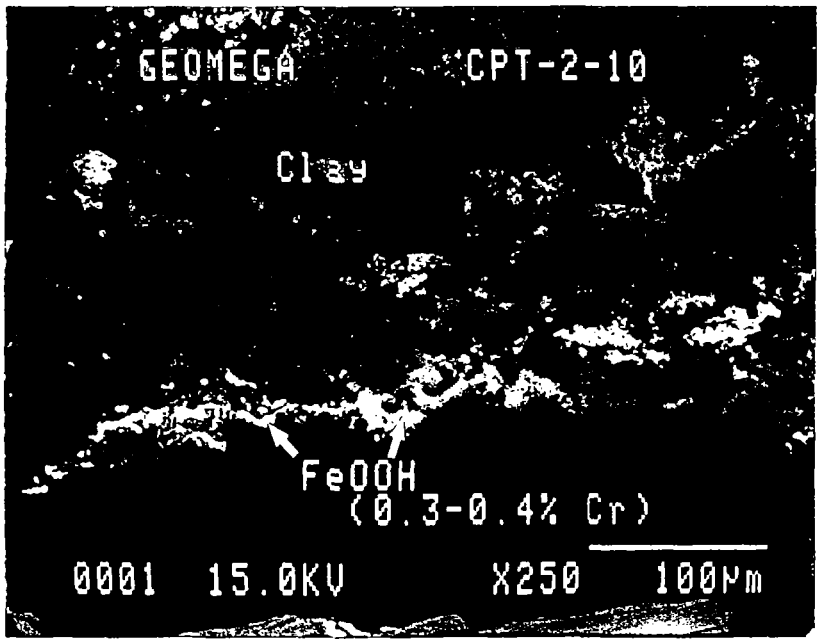

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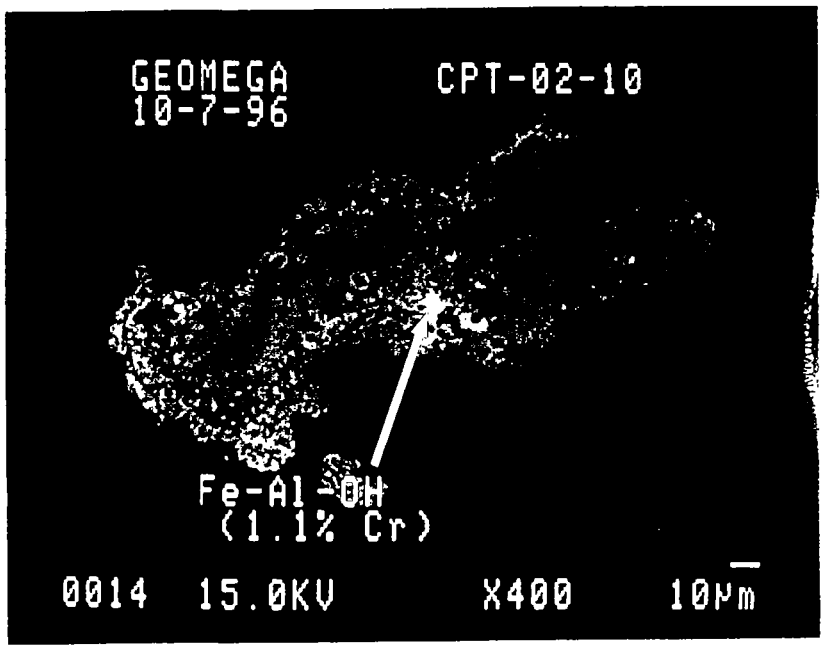
Figure 2-62

Electron Microprobe Backscatter Electron Image of Aquifer Material Showing (A) a Discrete Particle of Iron(III) and Alumin Hydroxide Containing 1.1 Wt. Percent Chromium, and (B) an Altered Aluminum Silicate Rimmed by Barite, an Indetermina Aluminum Sulfate Solid, and Iron(III) Hydroxic

a



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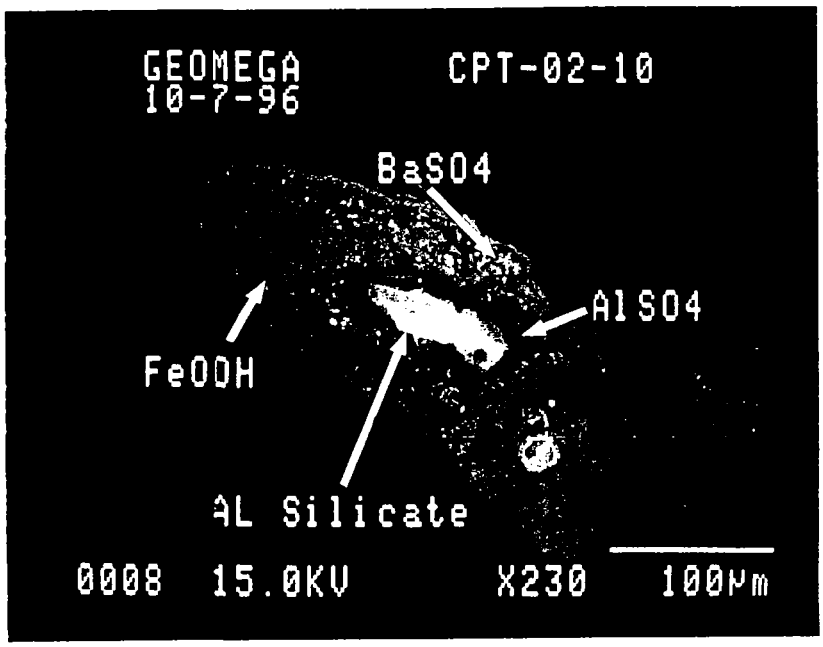

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Figure 2-63

Conentrations of Chromium(III) in Solubility Experiments Conducted with Solids Precipitated by Neutralization of the Dense Layer Solution Compared to the Solubility of Chromium(III) Hydroxide [Cr(OH)3(Am)]

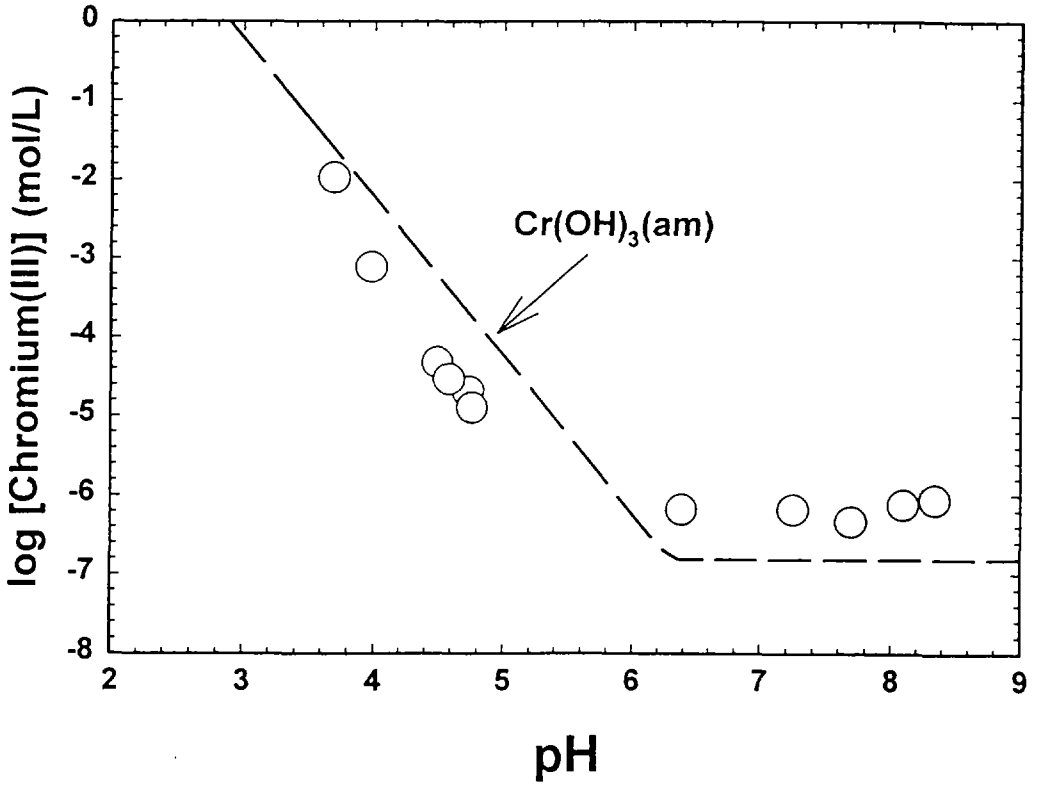

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Figure 2-64

Percent Chromium(III) Adsorption as a Function of Solid to Solution

Ratio for Five Different Dilutions of the Dense Layer Solution

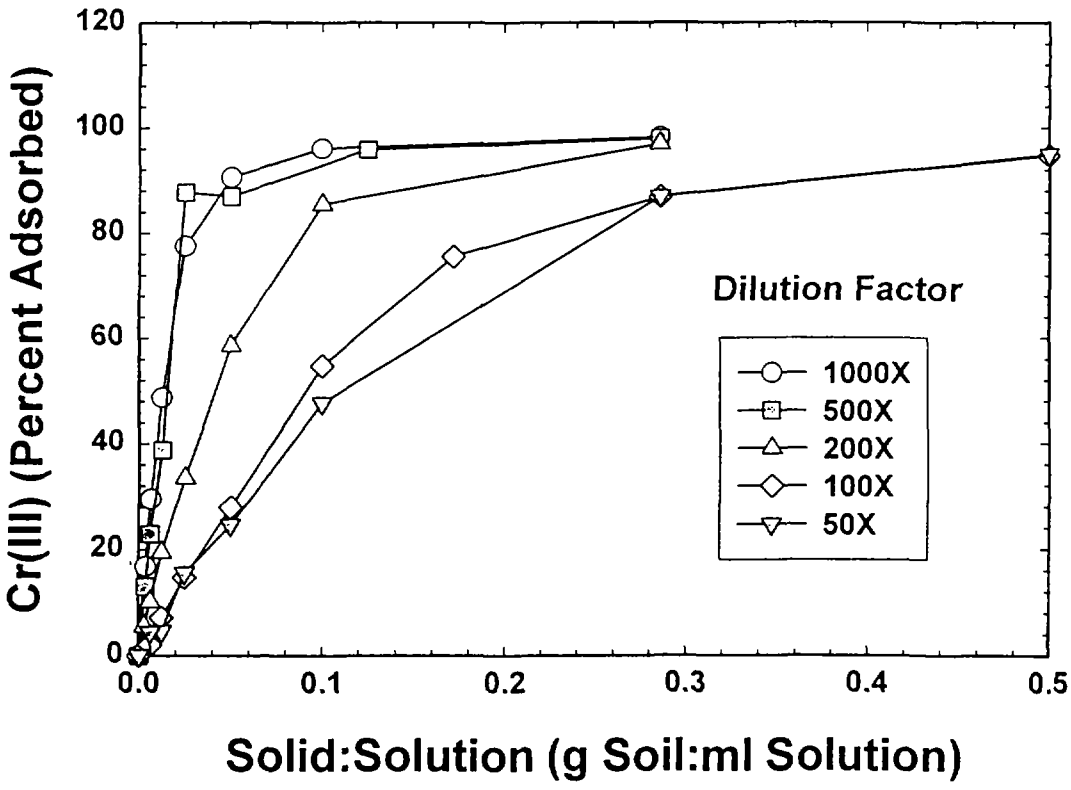

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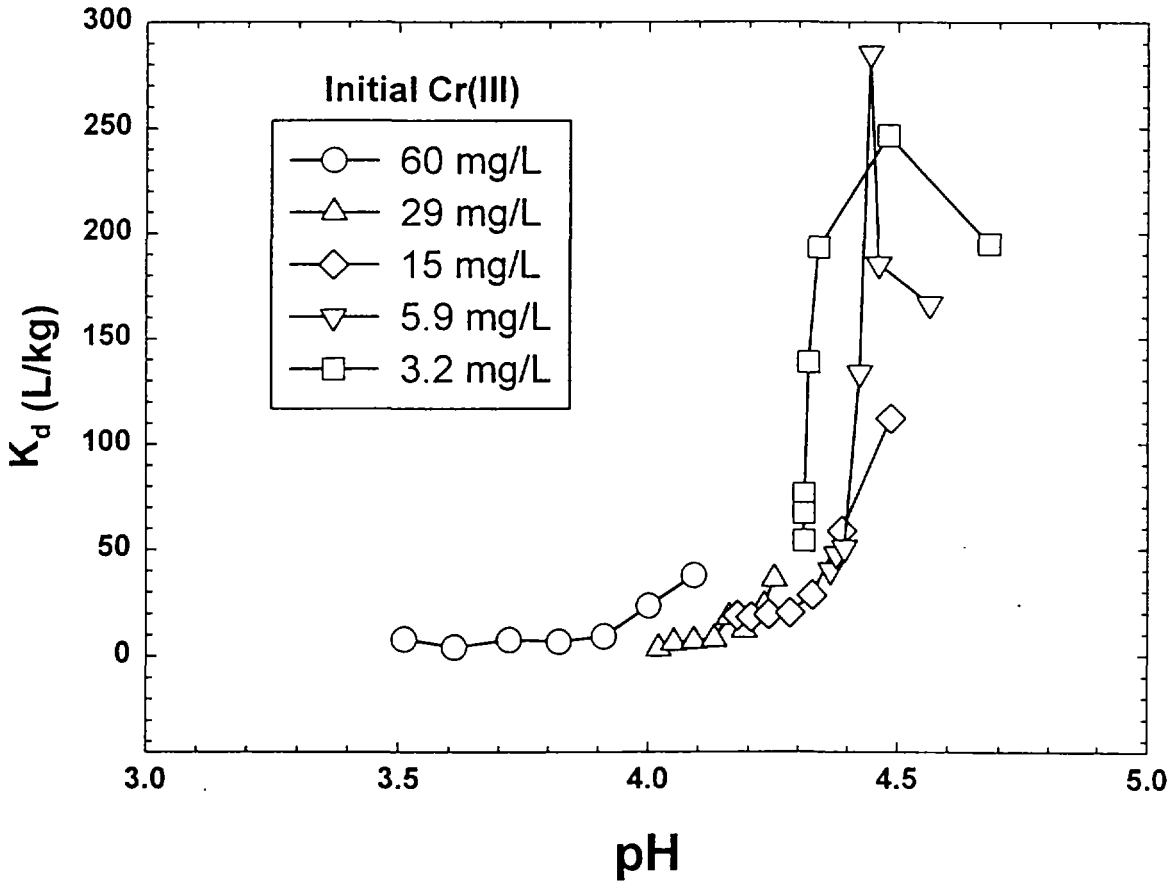
Figure 2-65

Calculated Partition Coefficients (Kd) for Chromium(III) as a Function of pH

Determined in the Experiments with Diluted Dense Layer Solutions and Clean Aquifer Material



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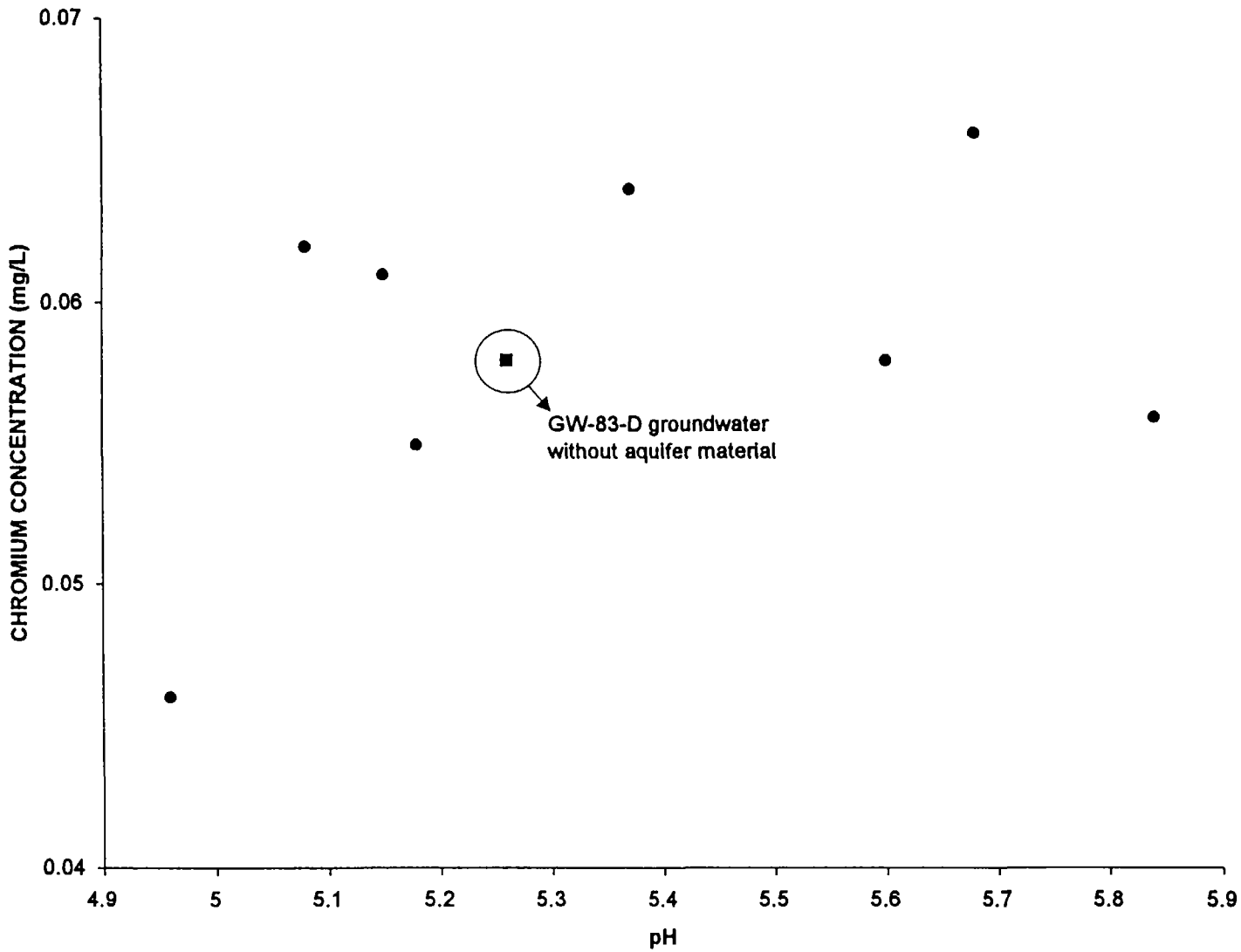

Figure 2-66 Chromium concentrations and pH of anoxic adsorption tests using groundwater from GW-83-D.

g:\common\c592\0297data\PHKD.XLS (Figure 1) 3/17/97

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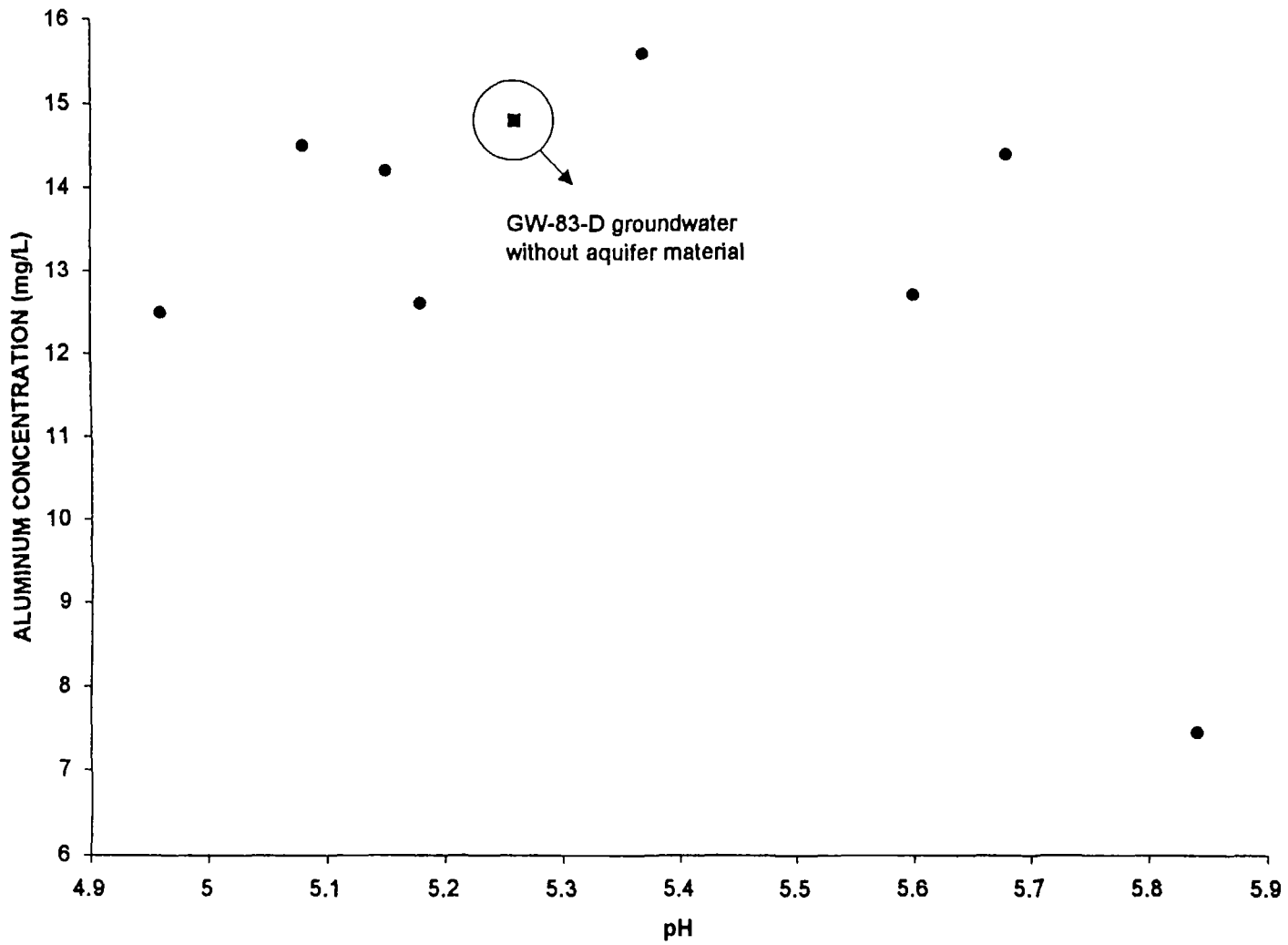

Figure 2-67 Aluminum concentrations and pH of anoxic adsorption tests using groundwater from GW-83-D.

g:\common\c692\0297data\PHKD.XLS (Figure 2) 3/17/97

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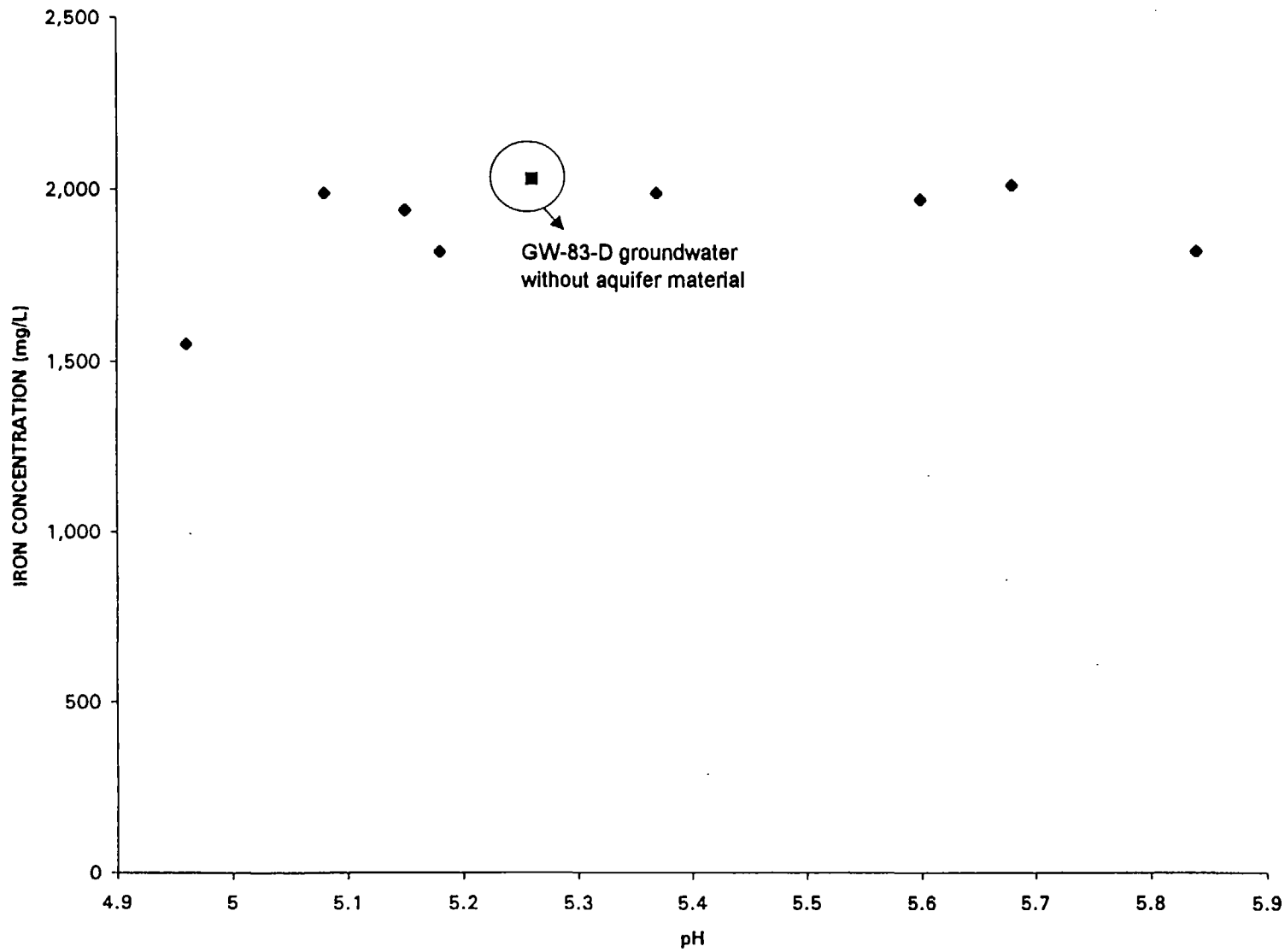

Figure 2-68 Iron concentrations and pH of anoxic adsorption tests using groundwater from GW-83-D.

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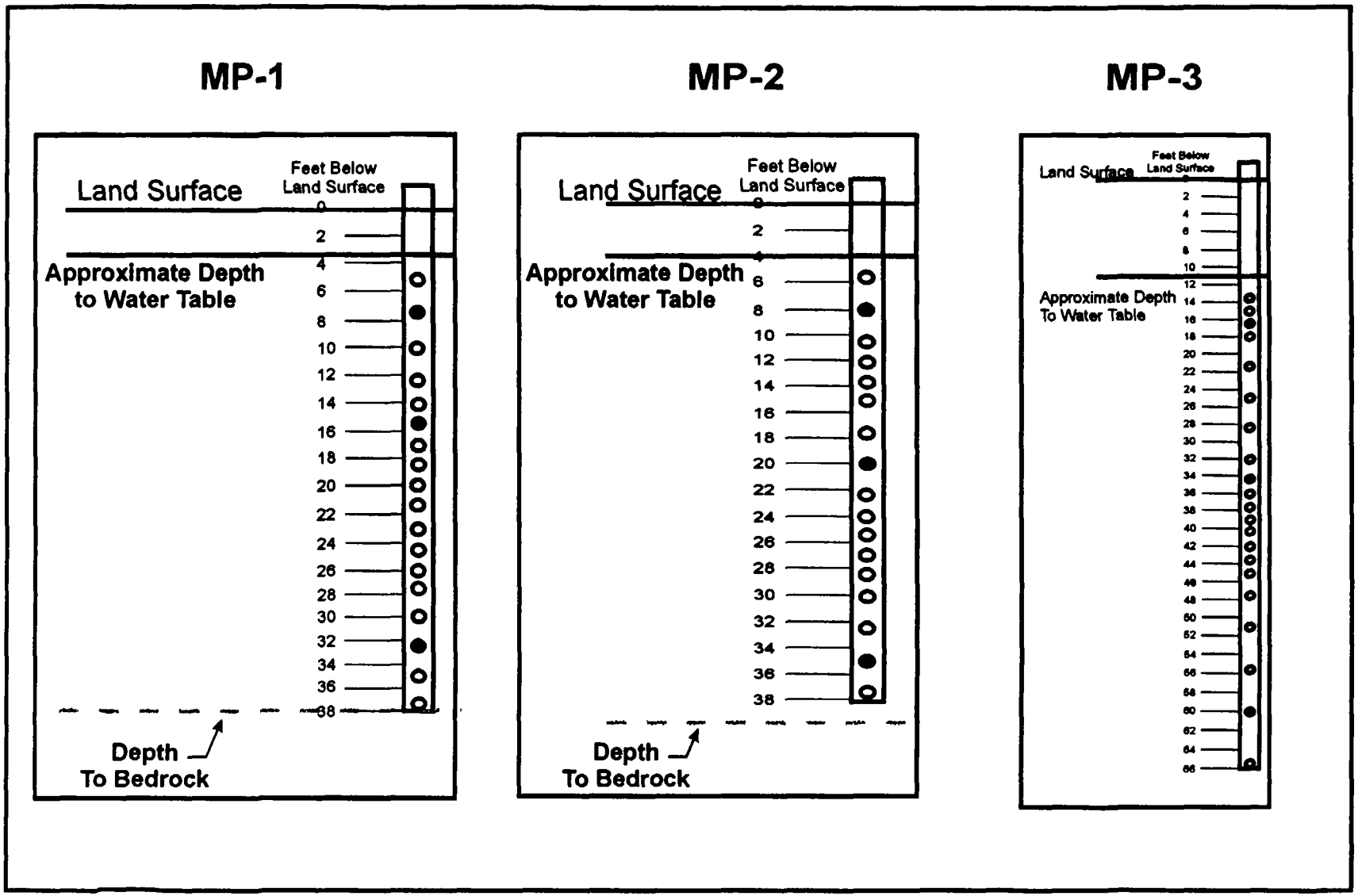

Generation Date: 3/12/97

Figure 2-69 As-built Multilevel Piezometer Design, Olin Corporation, Wilmington, MA Facility.

Geomega

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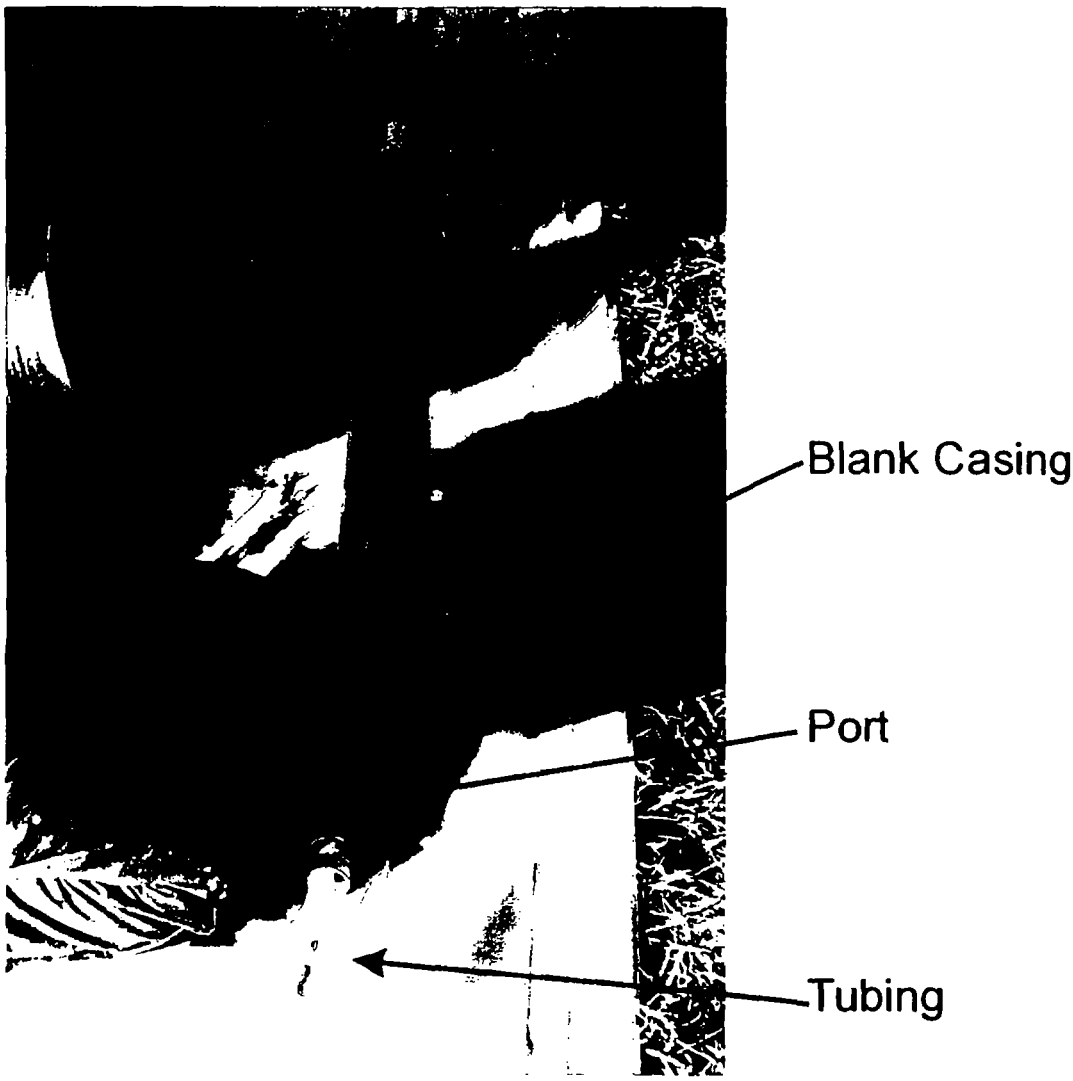

Generation Date: 3/12/97	Figure 2-70 Construction of Multilevel Piezometer, May 1996, Olin Corporation, Wilmington, MA Facility.	Geomega

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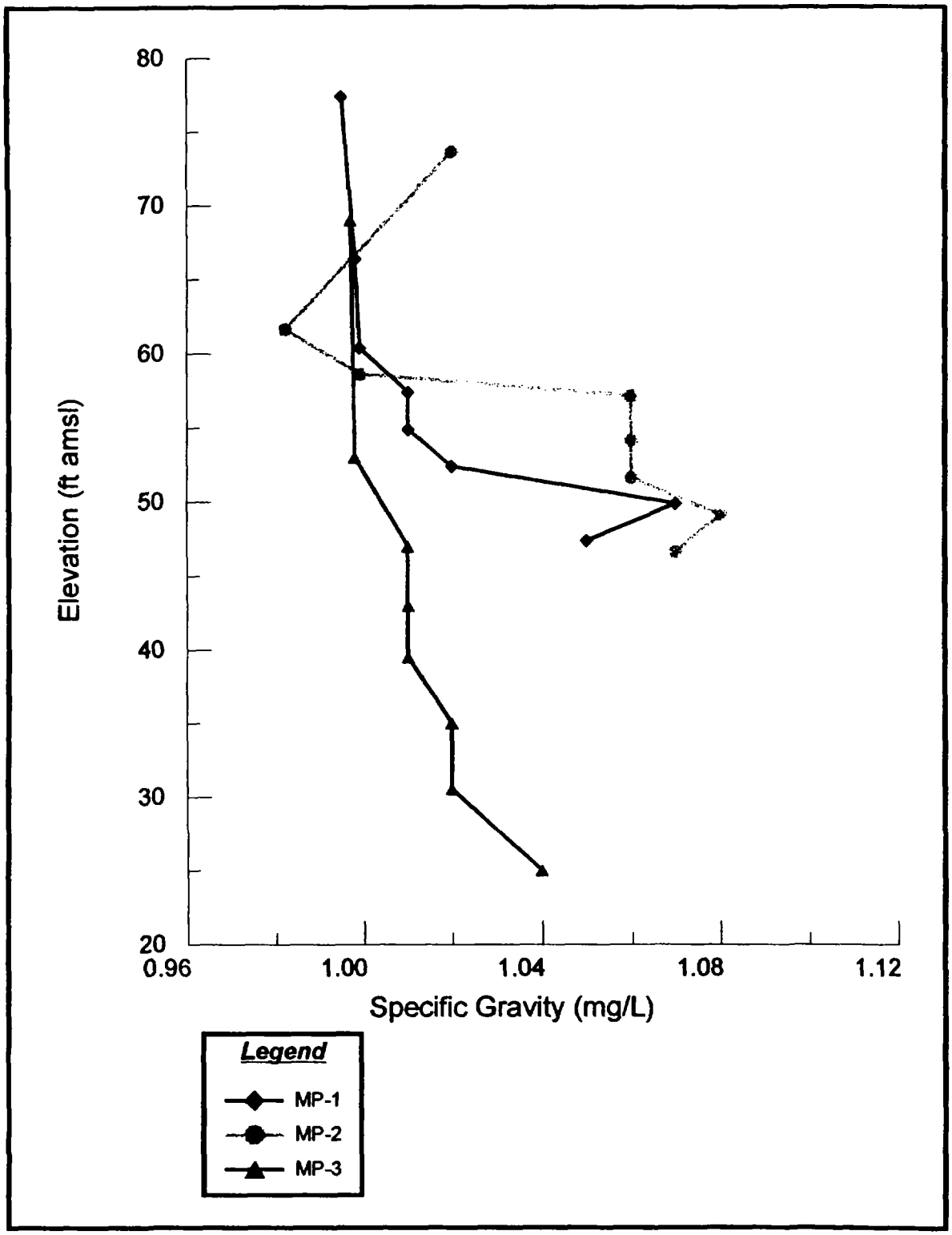

Generation Date: 3/12/97	Figure 2-71 Specific Gravity in Multilevel Piezometers, May 1996, Olin Corporation, Wilmington, MA Facility.	Geomega

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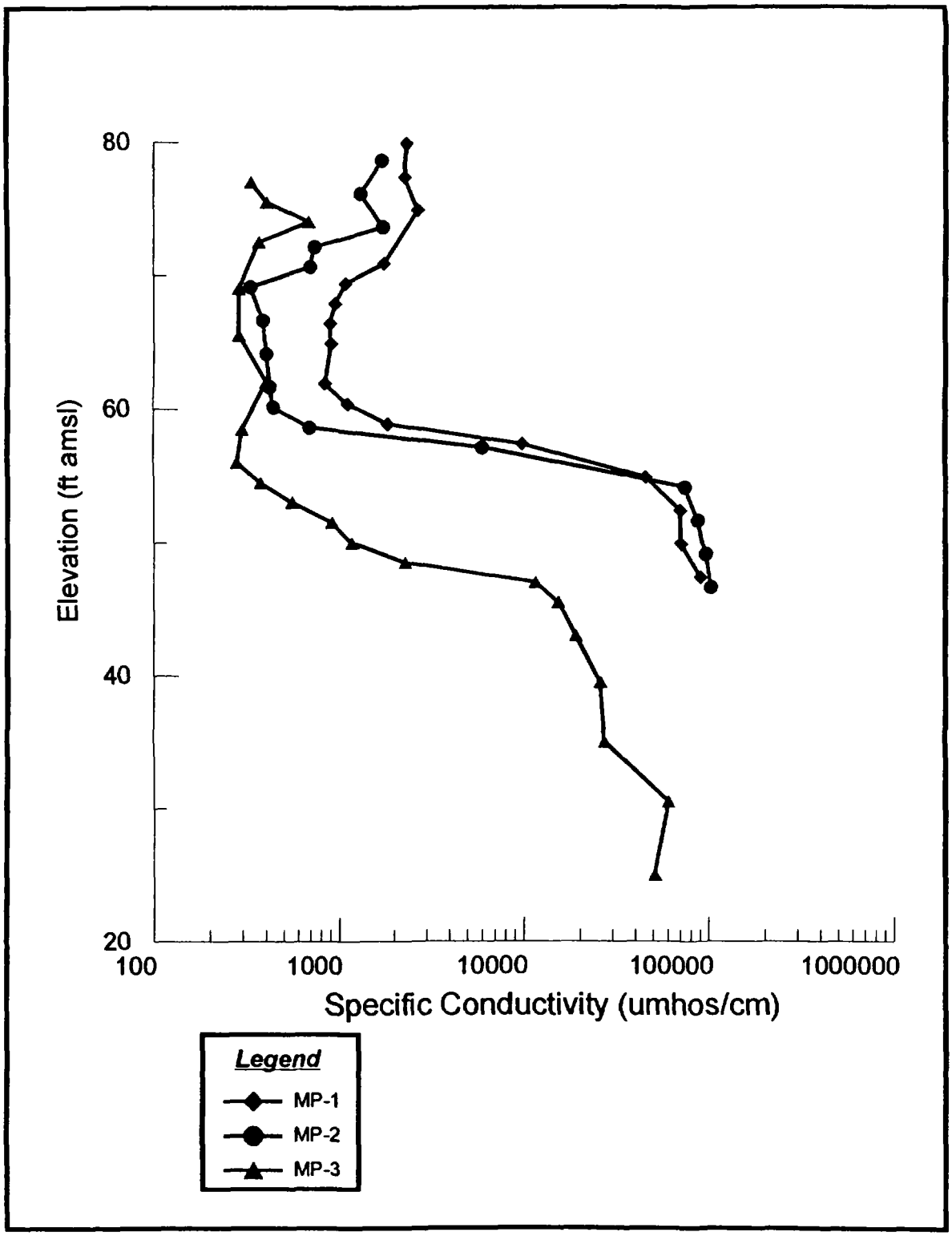
US EPA ARCHIVE DOCUMENT



Generation Date: 10/3/96	Figure 2-72 Specific Conductivity in Multilevel Piezometers, May 1996, Olin Corporation, Wilmington, MA Facility.	Geomega

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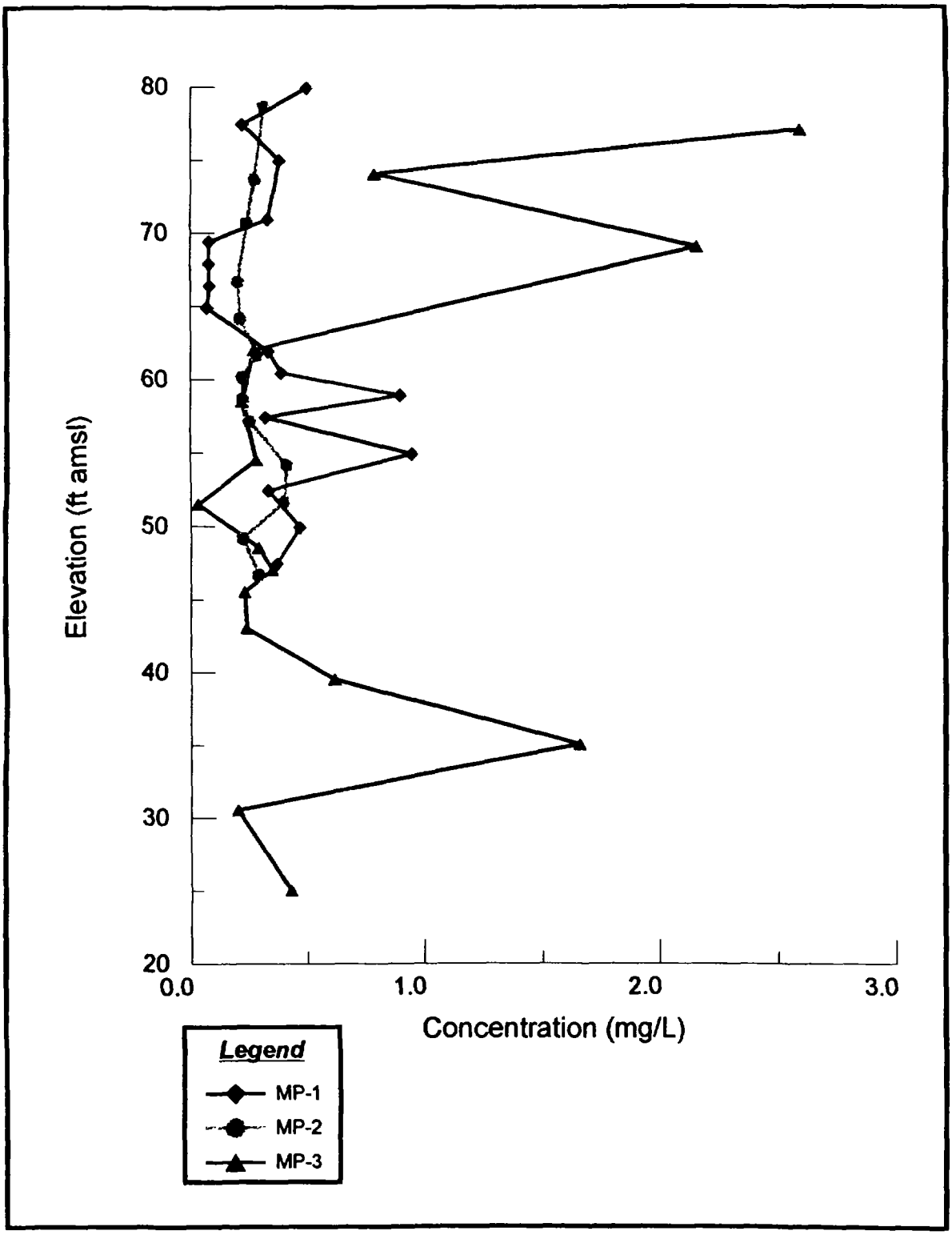

Generation Date: 3/12/97	Figure 2-73 Dissolved Oxygen in Multilevel Piezometers, May 1996, Olin Corporation, Wilmington, MA Facility.	Geomega

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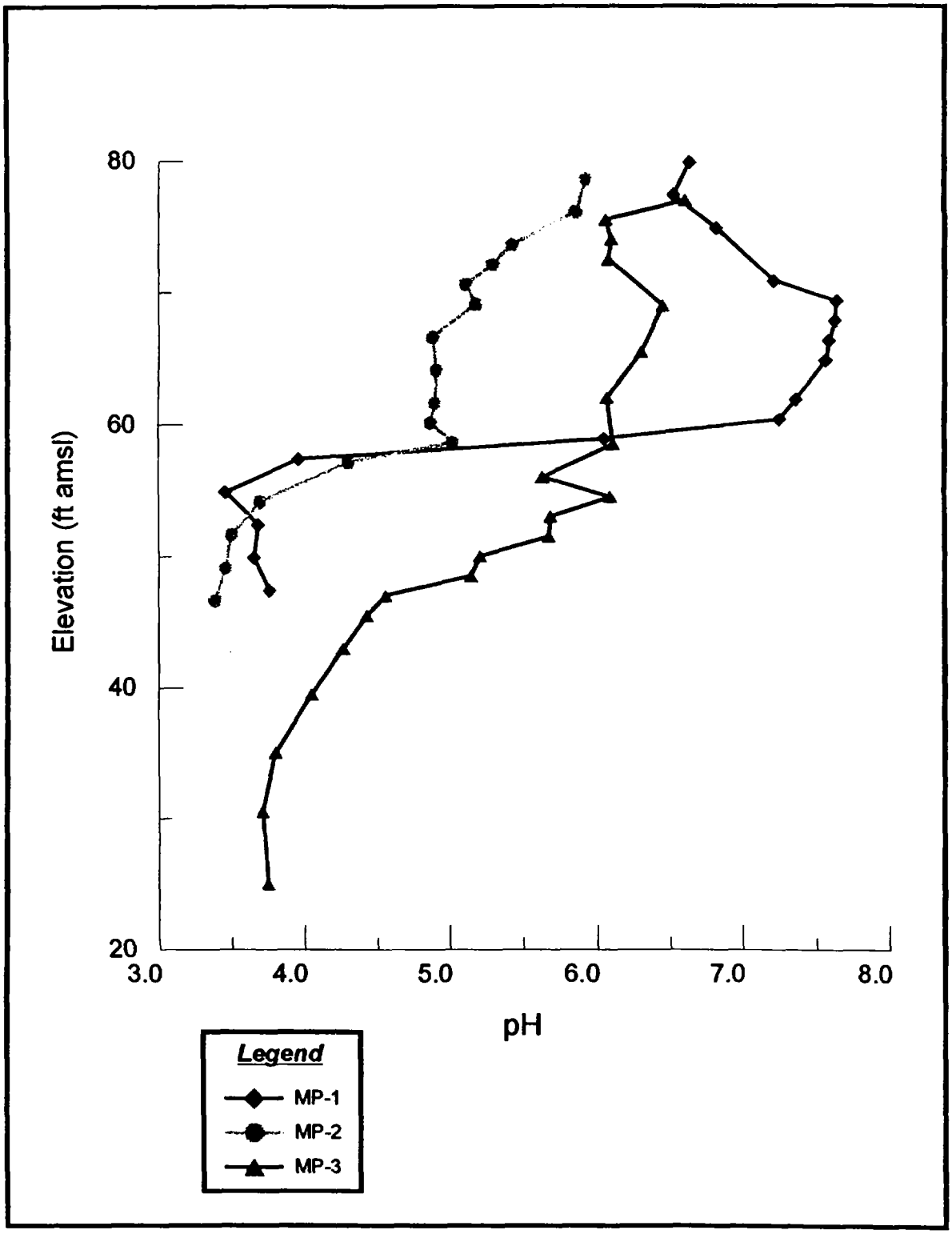

Generation Date: 3/12/97	Figure 2-74 pH in Multilevel Piezometers, May 1996, Olin Corporation, Wilmington, MA Facility.	Geomega

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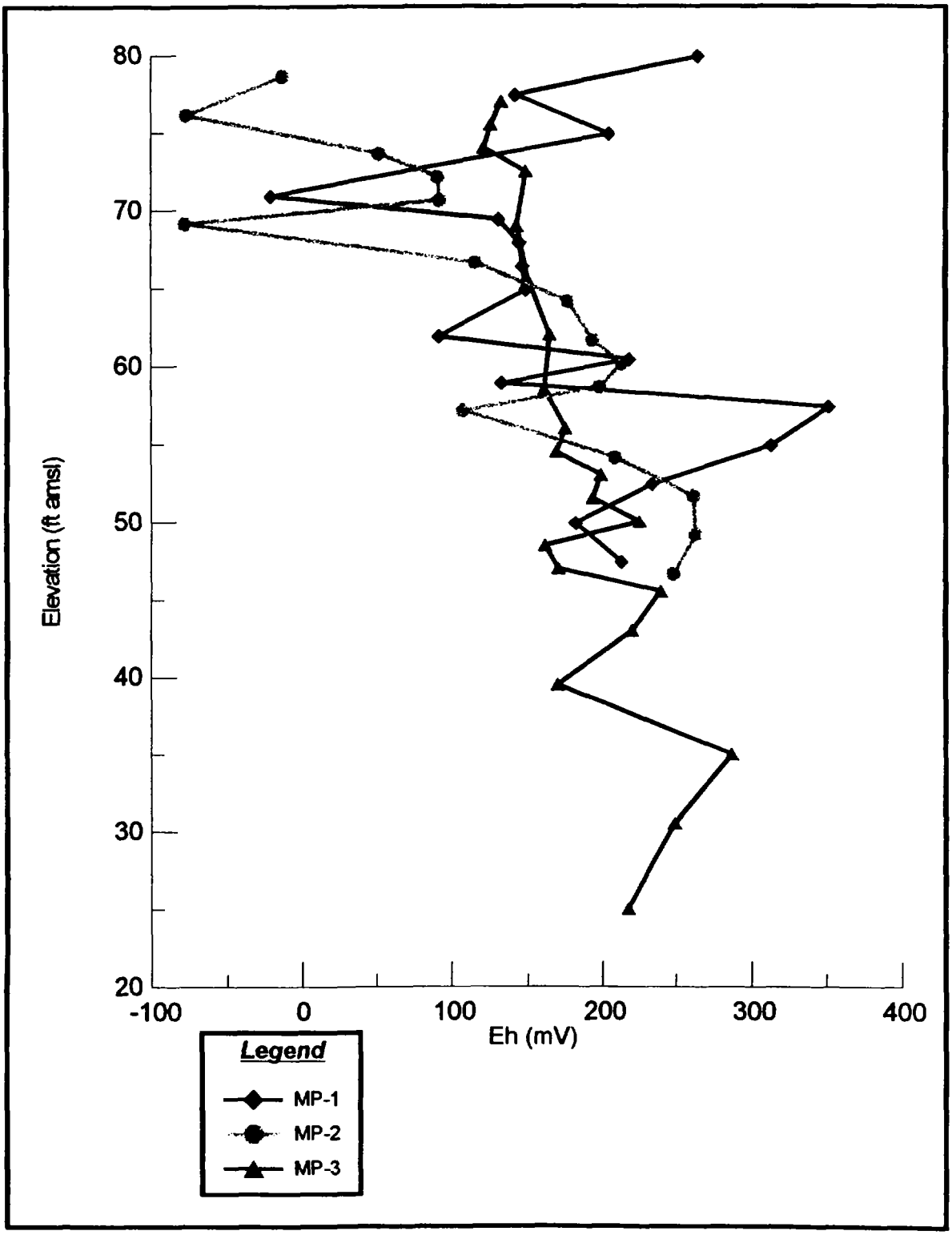

Generation Date: 3/12/97	Figure 2-75 Eh in Multilevel Piezometers, May 1996, Olin Corporation, Wilmington, MA Facility.	Geomega

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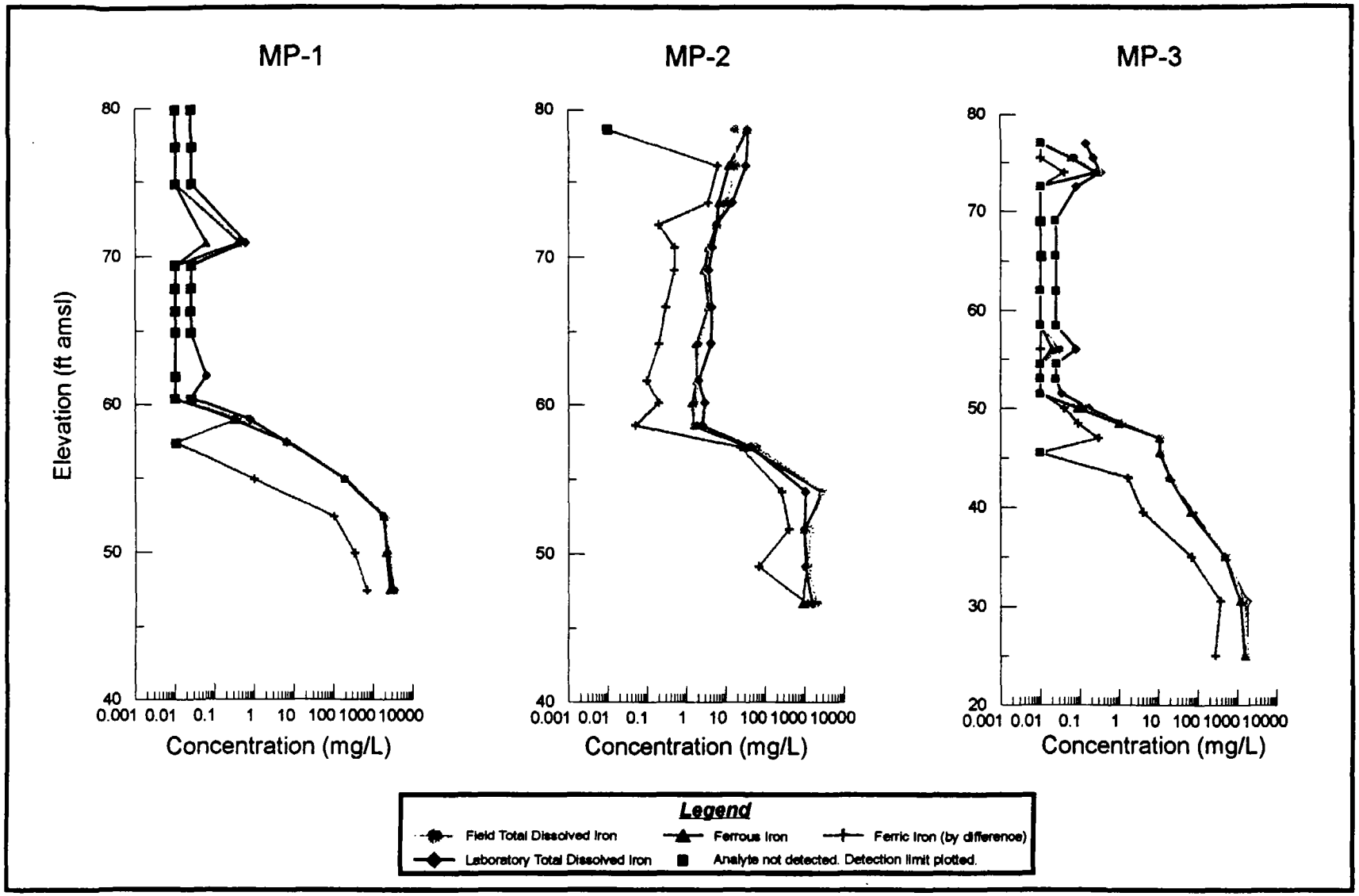

Generation Date: 3/12/97	Figure 2-76 Iron Concentrations in Multilevel Piezometers, May 1996, Olin Corporation, Wilmington,MA Facility.	Geomega

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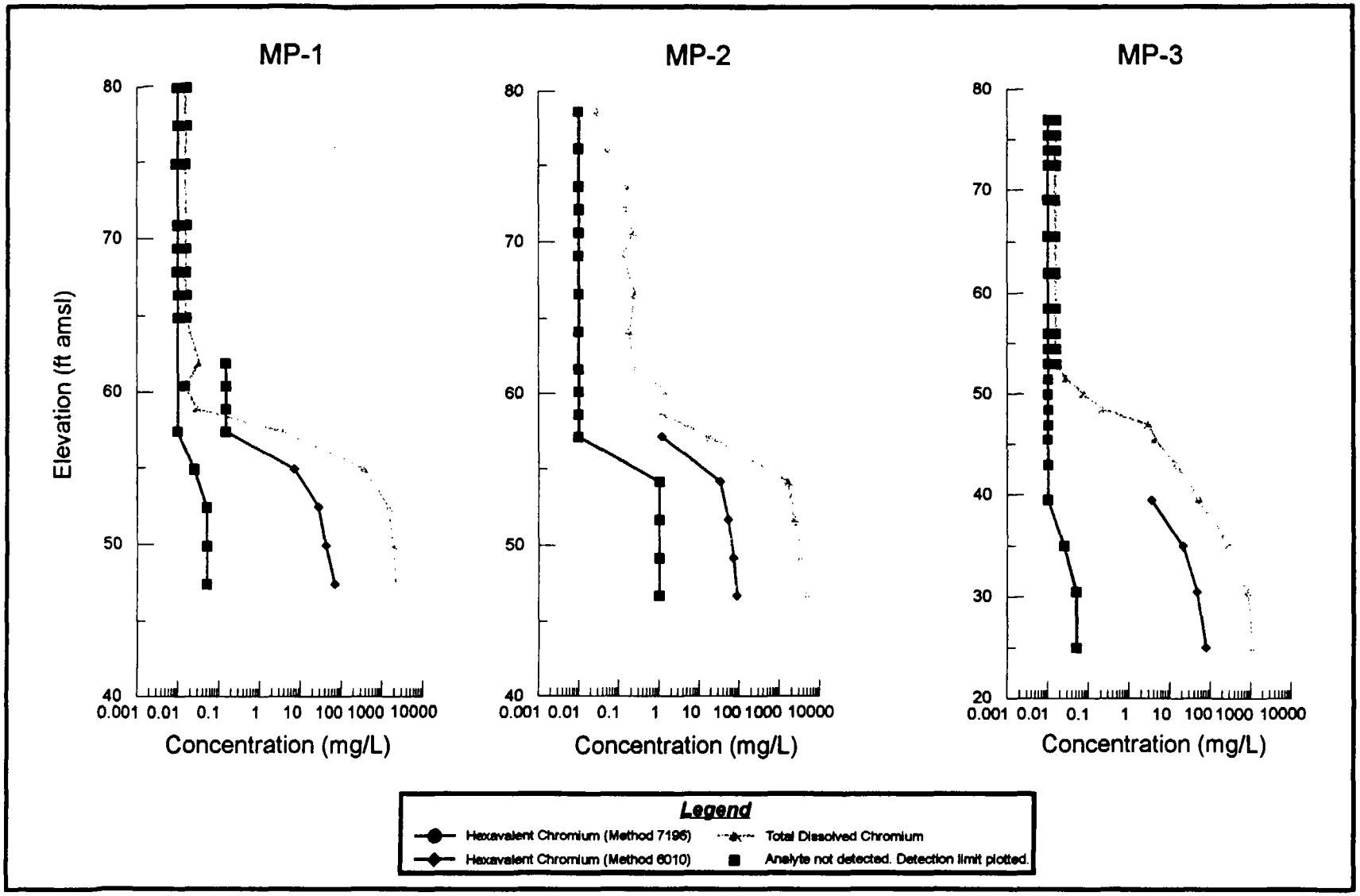

Generation Date: 3/12/97	Figure 2-77 Chromium Concentrations in Multilevel Piezometers, May 1996, Olin Corporation,Wilmington, MA Facility.	Geomega

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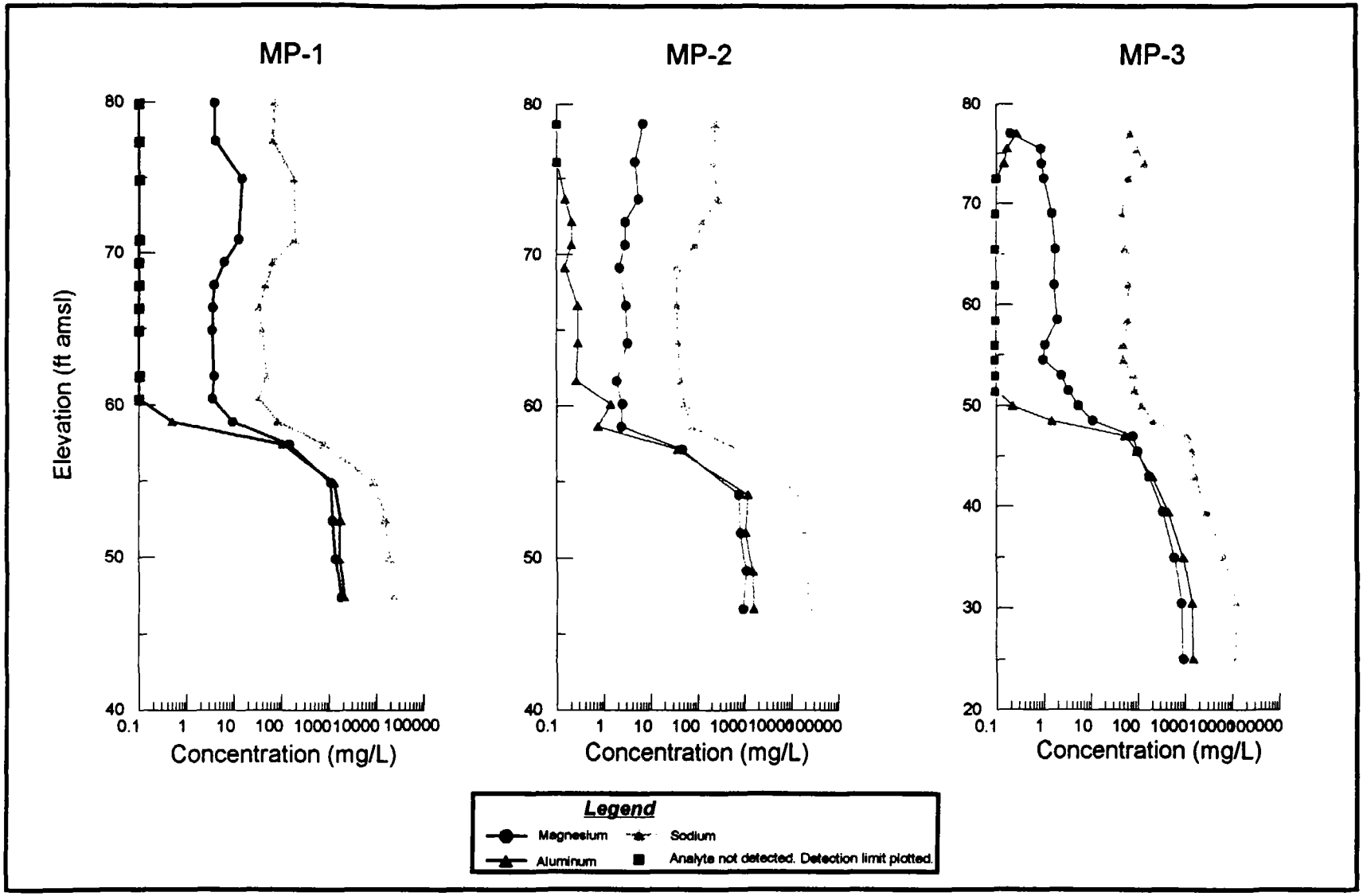

Generation Date: 3/12/97	Figure 2-78 Selected Metal Concentrations in Multilevel Piezometers, May 1996, Olin Corporation, Wilmington, MA Facility.	Geomega

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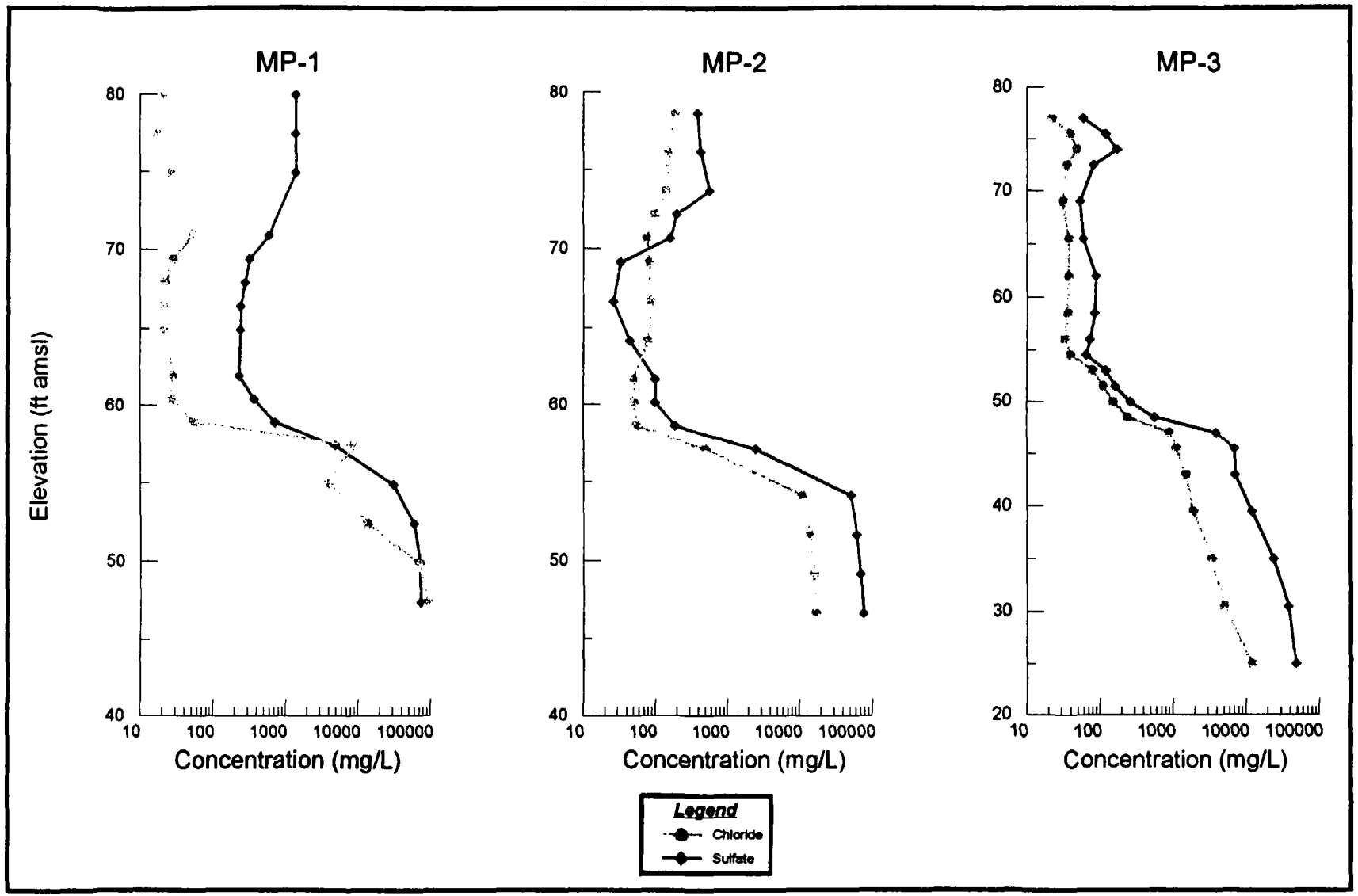

Generation Date: 3/12/97	Figure 2-79 Selected Anion Concentrations in Multilevel Piezometers, May 1996, Olin Corporation, Wilmington, MA Facility.	Geomega

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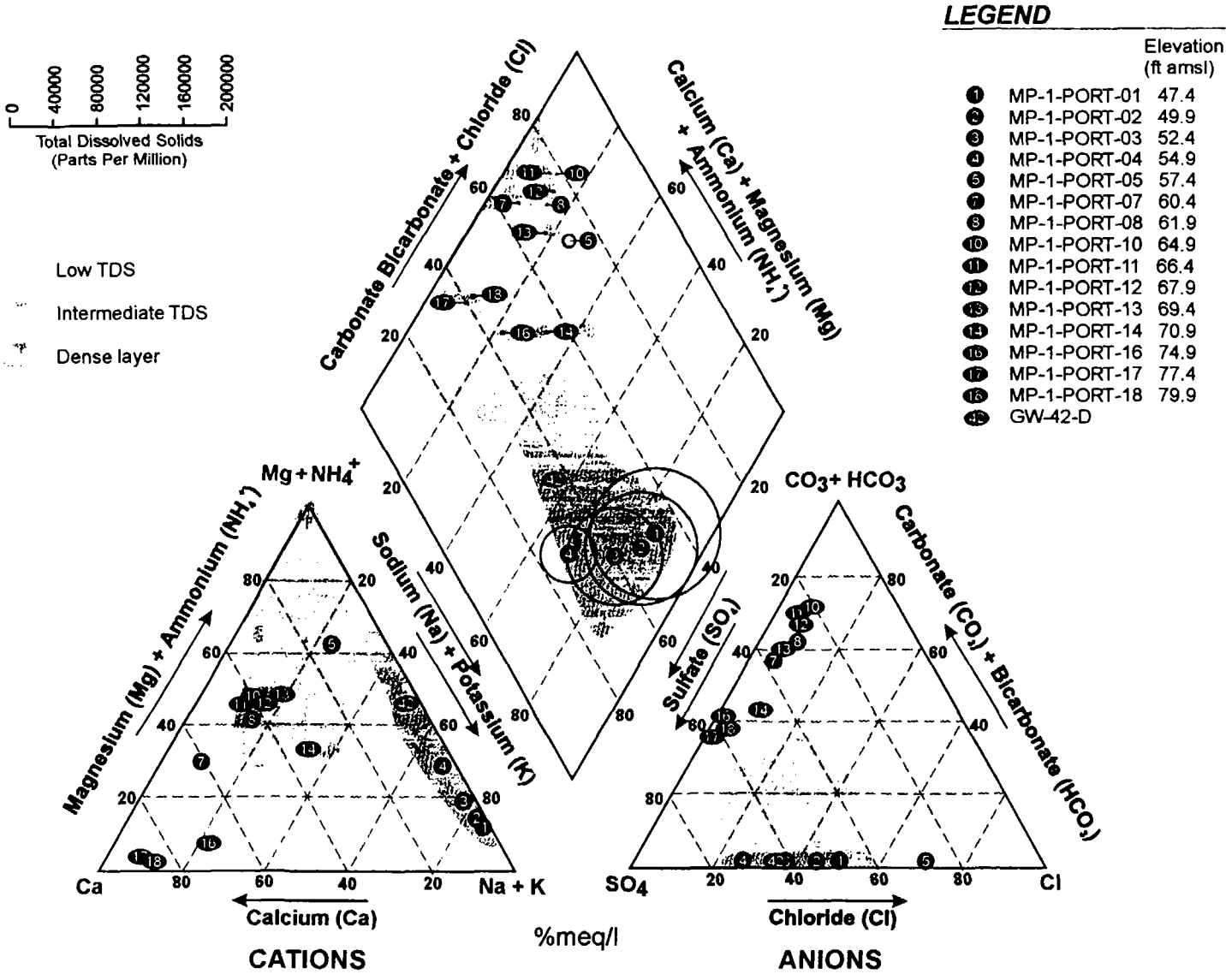

Figure 2-80 Modified Piper diagram showing the average composition of groundwater from MP-1 and TDS circles using a high range TDS scale.

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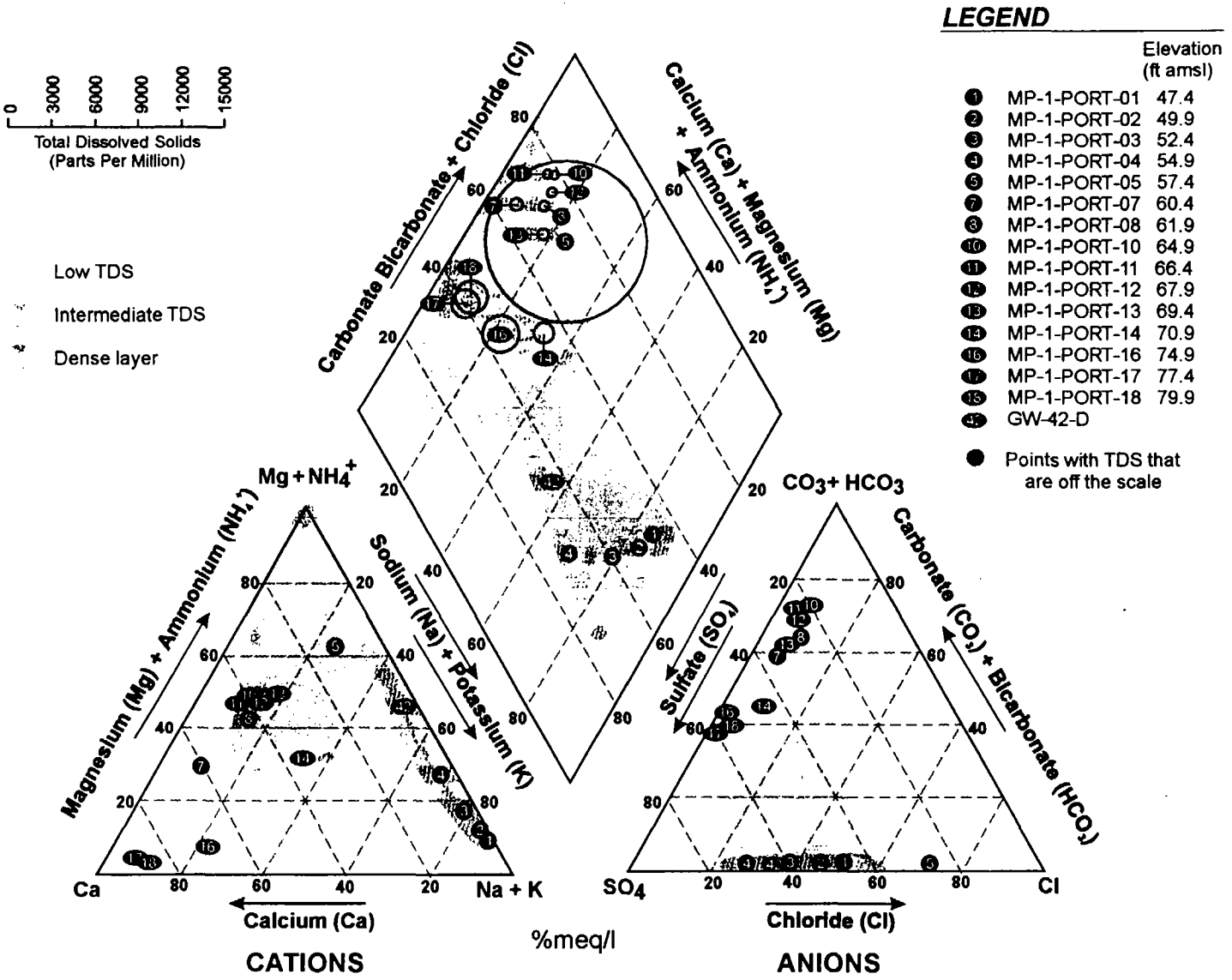

Figure 2-81 Modified Piper diagram showing the average composition of groundwater from MP-1 and TDS circles using a low range TDS scale.

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US EPA ARCHIVE DOCUMENT

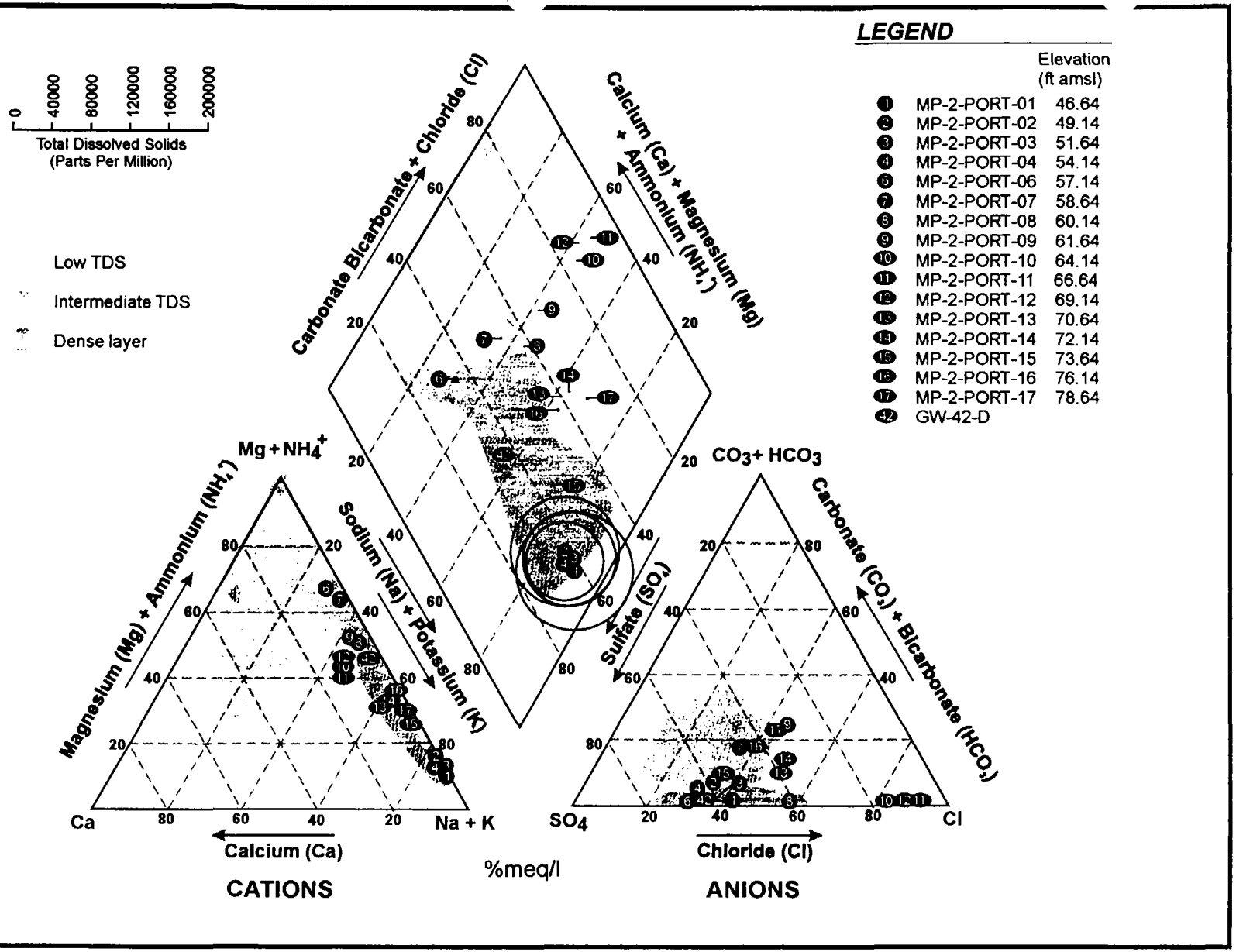

Figure 2-82 Modified Piper diagram showing the composition of groundwater from MP-2 and TDS circles using a high range TDS scale.

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US EPA ARCHIVE DOCUMENT

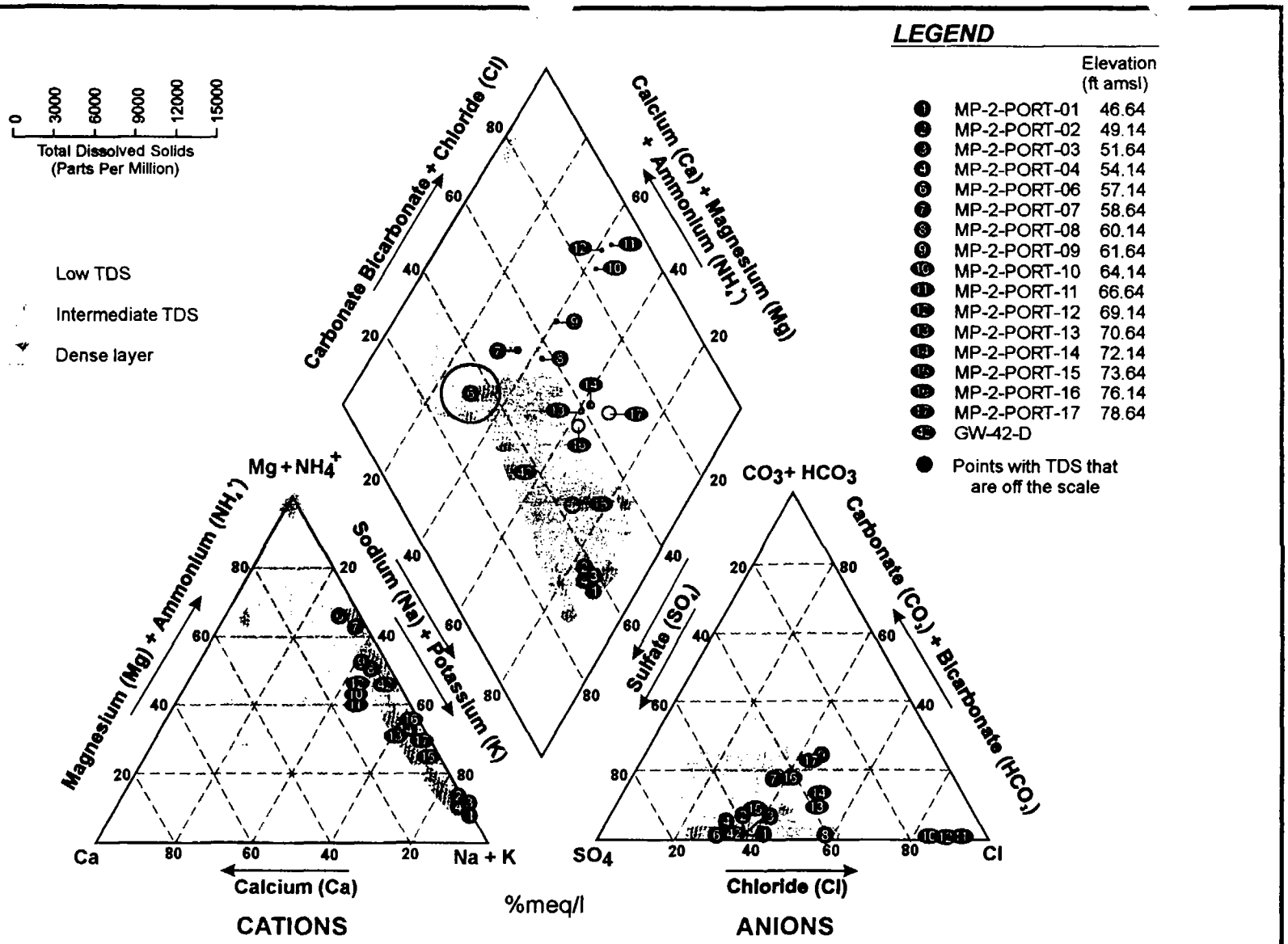

Figure 2-83. Modified Piper diagram showing the composition of groundwater from MP-2 and TDS circles using a low range TDS scale.

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US EPA ARCHIVE DOCUMENT

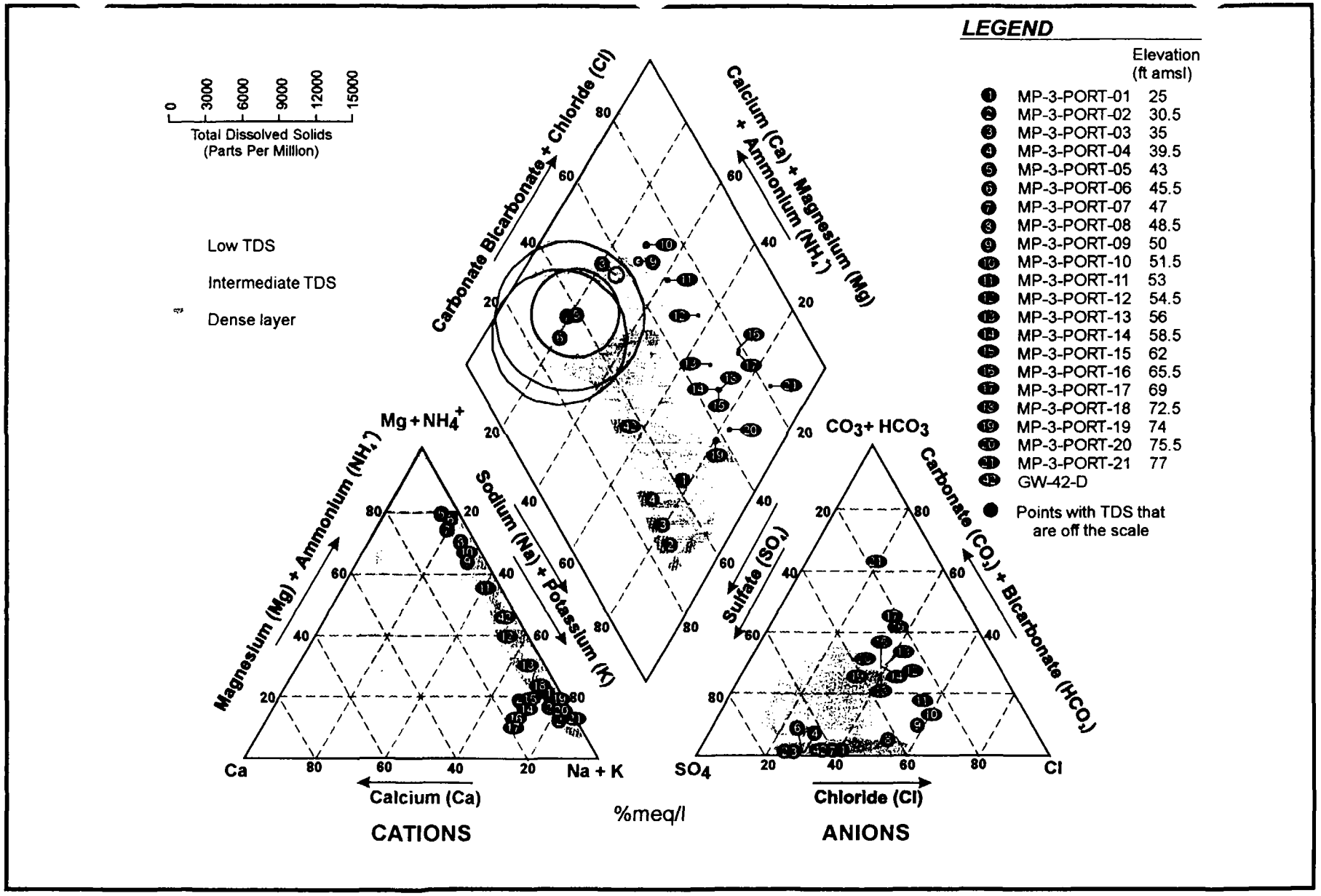

Figure 2-84 Modified Piper diagram showing the composition of groundwater from MP-3 and TDS circles using a low range TDS scale.

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US EPA ARCHIVE DOCUMENT

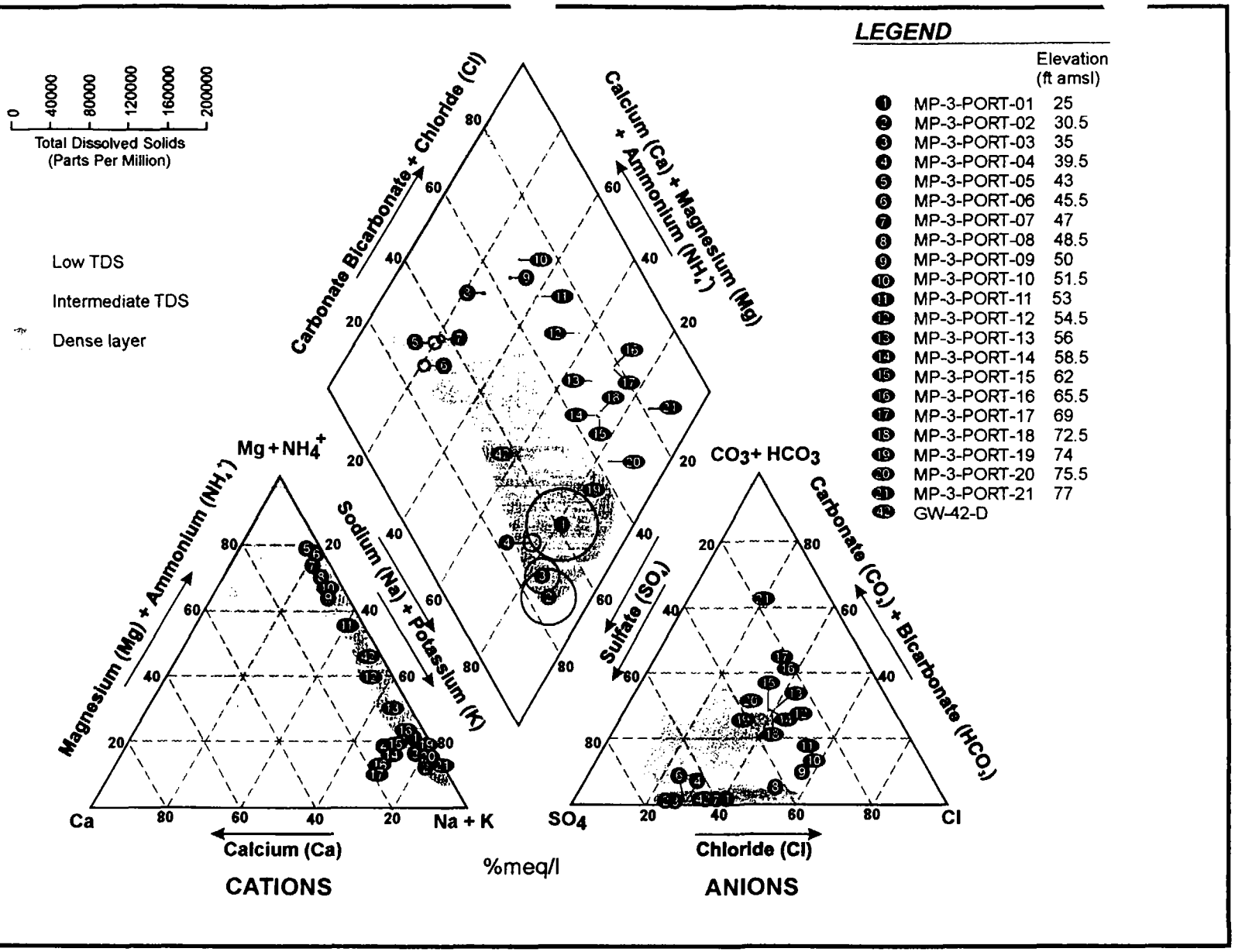

Figure 2-85 Modified Piper diagram showing the composition of groundwater from MP-3 and TDS circles using a high range TDS scale.

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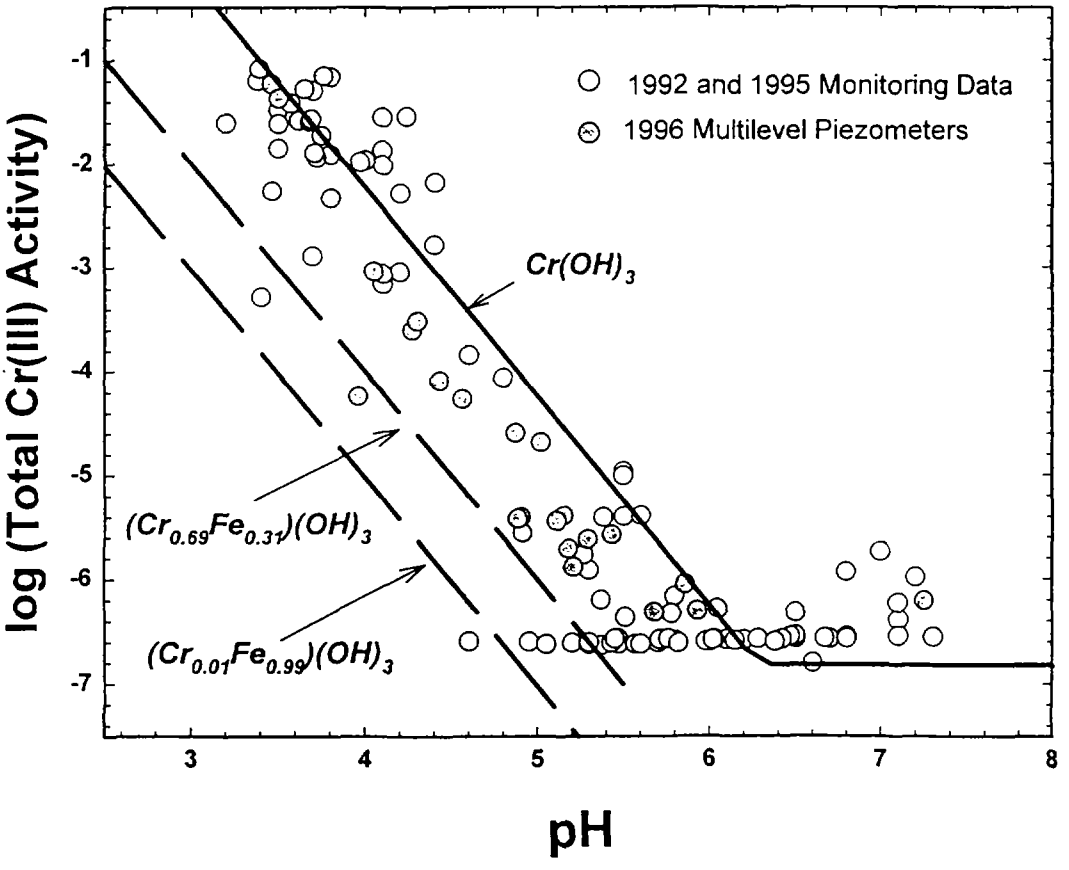
Figure 2-86

Total Activity of Chromium(III) Calculated by MINTEQ4 as a Function of pH from Available Monitoring Well Data Compared to the Theoretical Solubility of Chromium(III) Oxide and Chromium(III)-Iron(III) Hydroxide Solid Solutions



US EPA ARCHIVE DOCUMENT

Figure 2-87

Total Aluminum Activities Calculated by MINTEQ4 as a Function

of pH Compared to the Theoretical Solubility of Expected Solubility Controlling Solids

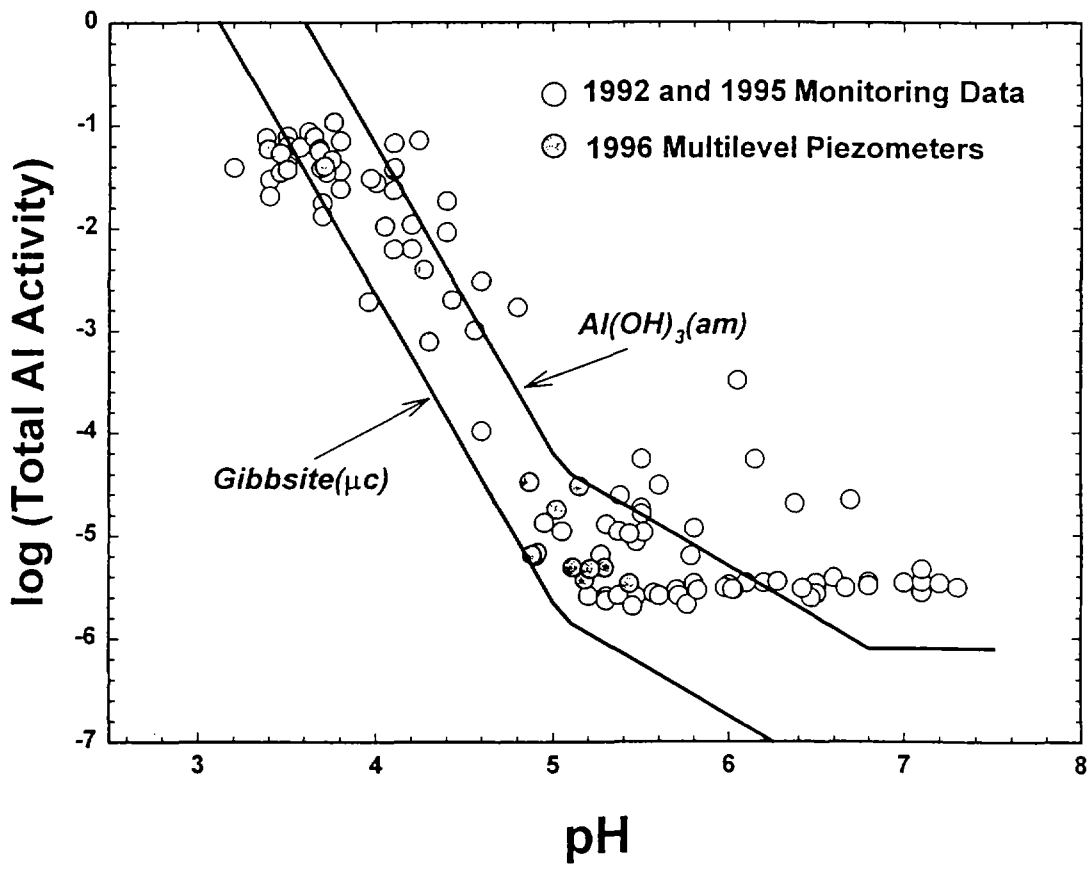


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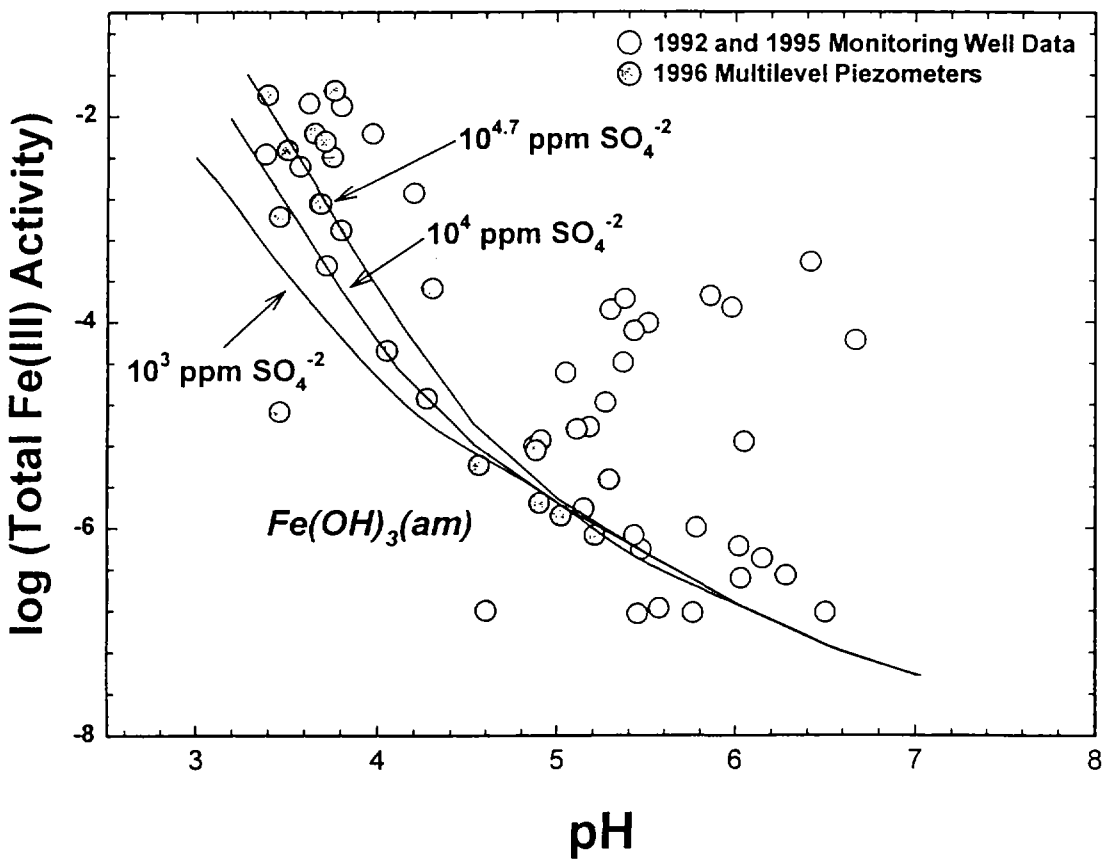
Figure 2-88

Total Iron(III) Activities Calculated by MINTEQ4 as a Function of pH

Compared to the Theoretical Soluility of Amorphous Iron(III) Hydroxide for a

Range in Sulfate Concentrations

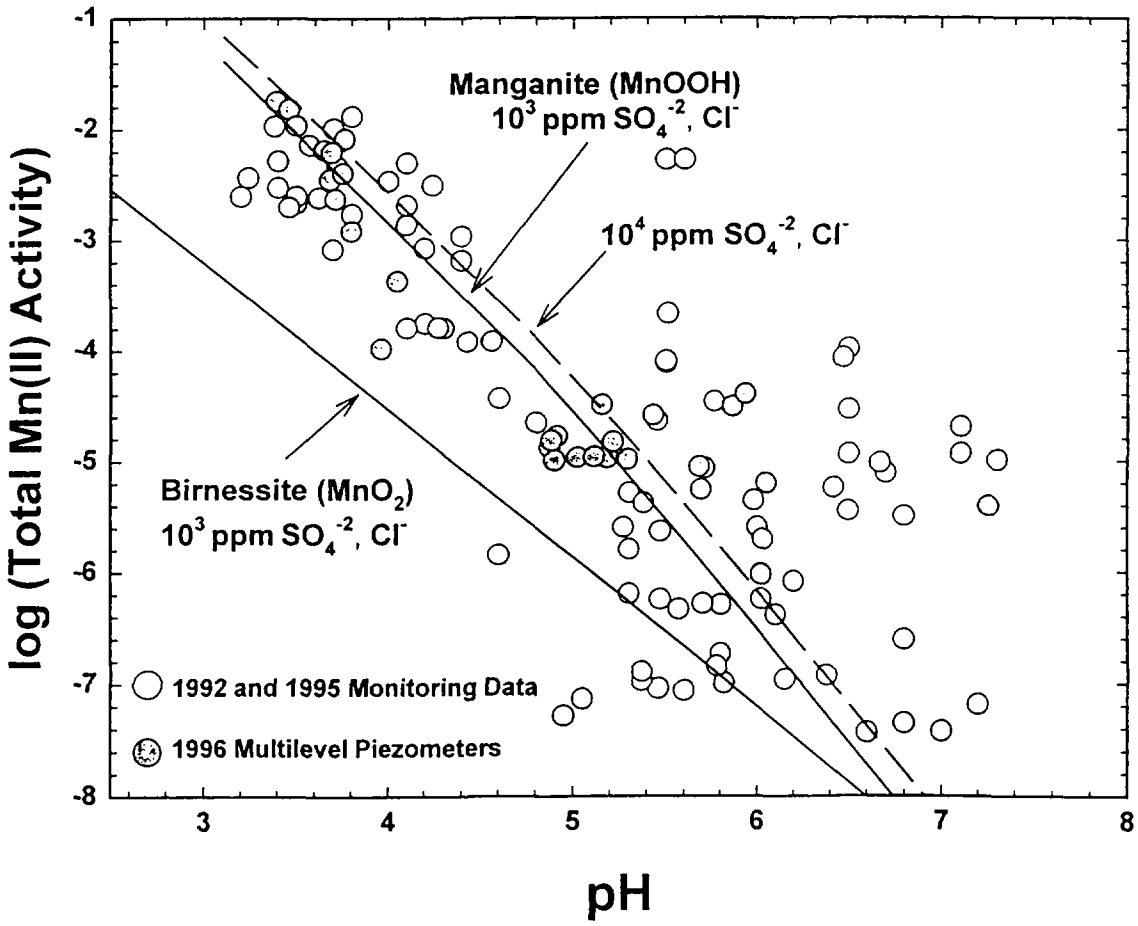


US EPA ARCHIVE DOCUMENT

Figure 2-89

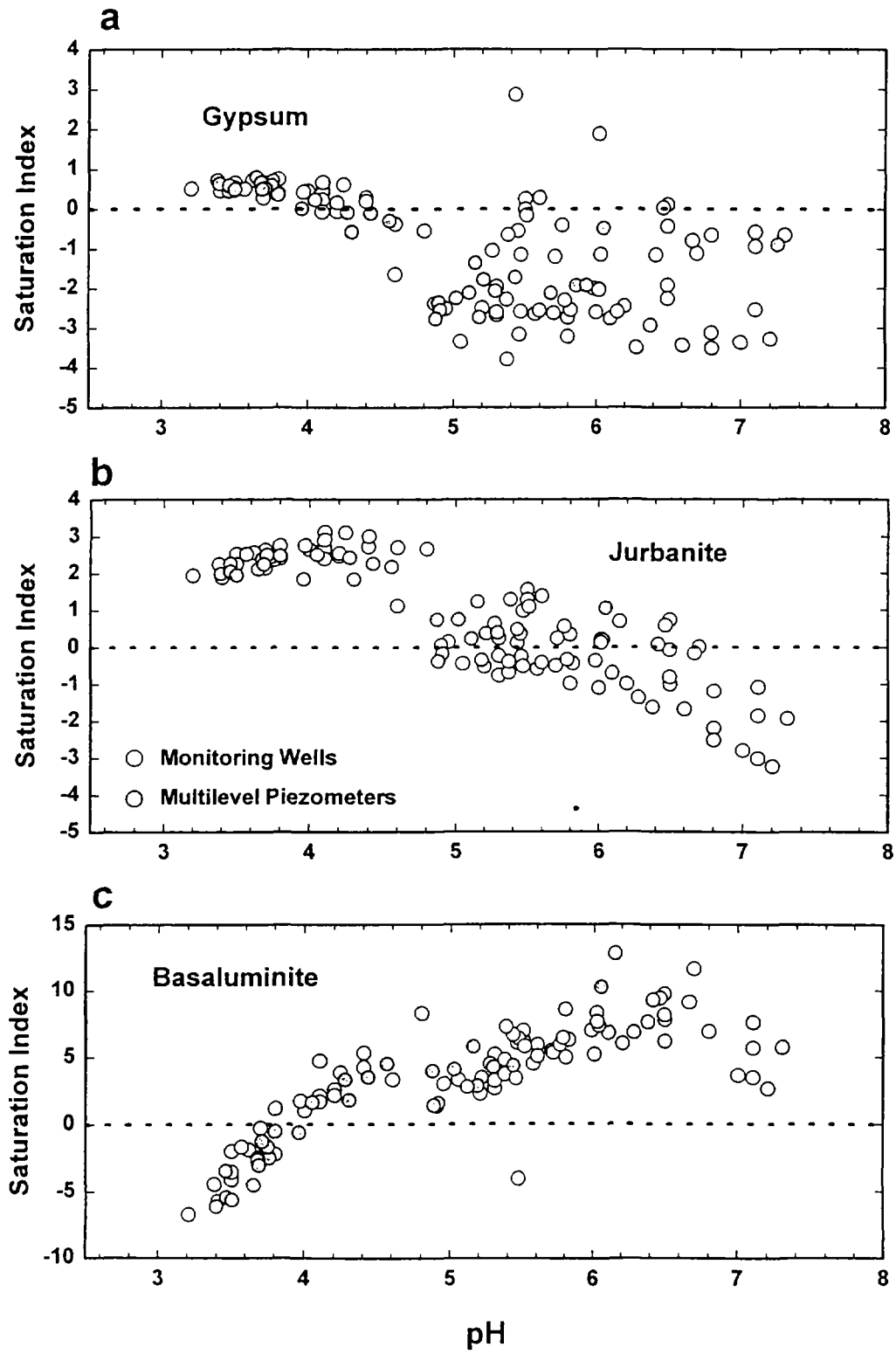
Total Manganese(II) Activities Calculated by MINTEQ4 as a Function of pH

Compared to the Theoretical Solubility of Expected Solubility Controlling Solids



US EPA ARCHIVE DOCUMENT

Figure 2-90 Saturation Indices (SIs) Calculated with MINTEQ4 for Sulfate-Containing Solids as a Function of pH from Available Monitoring Well Data



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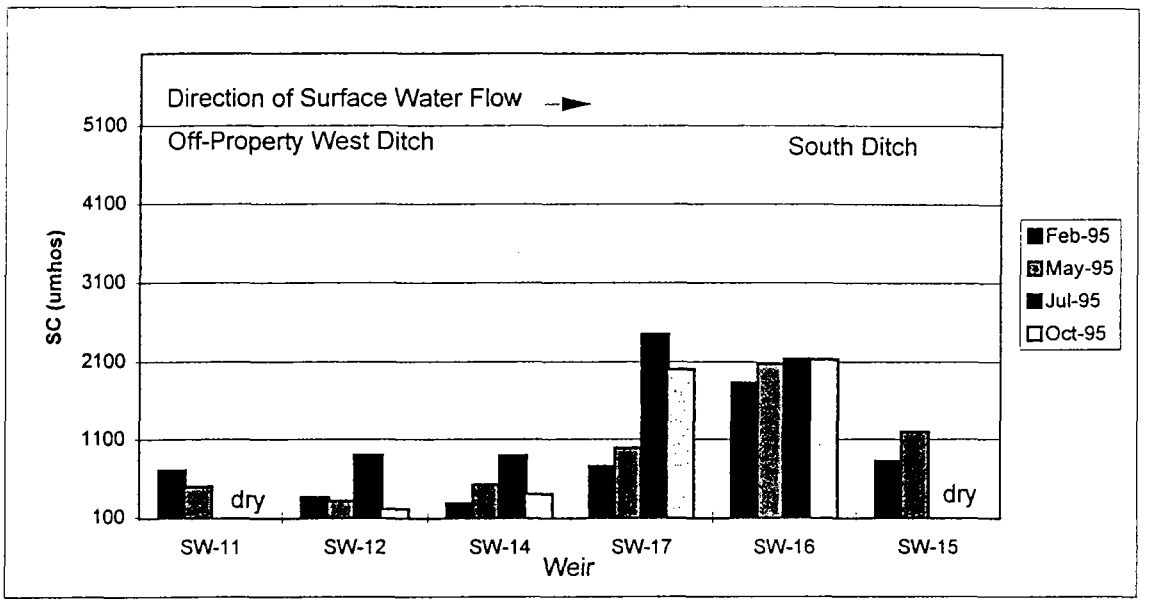


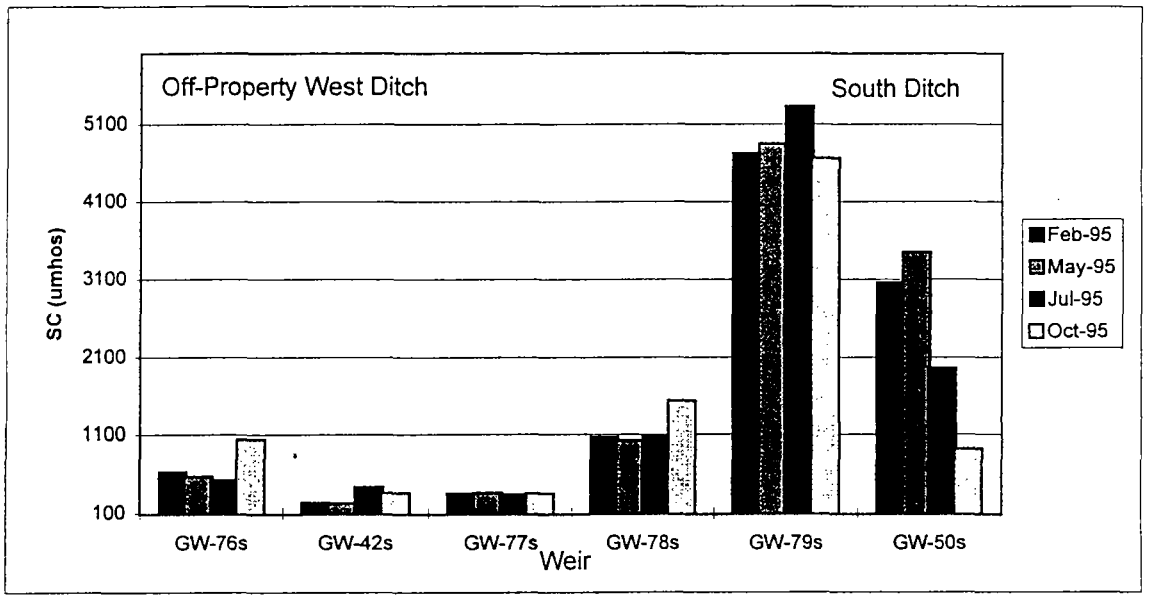
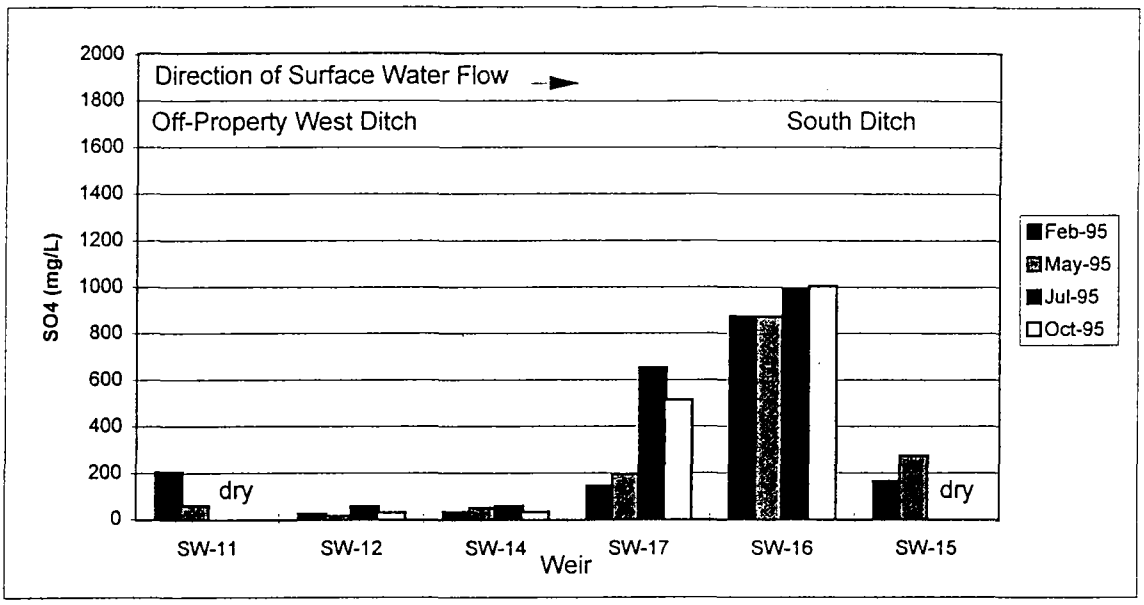


Figure 2-91 Specific Conductance of South Ditch surface water and groundwater. (note: SW-11 and SW-15 dry during July and October - no sample taken.

US EPA ARCHIVE DOCUMENT



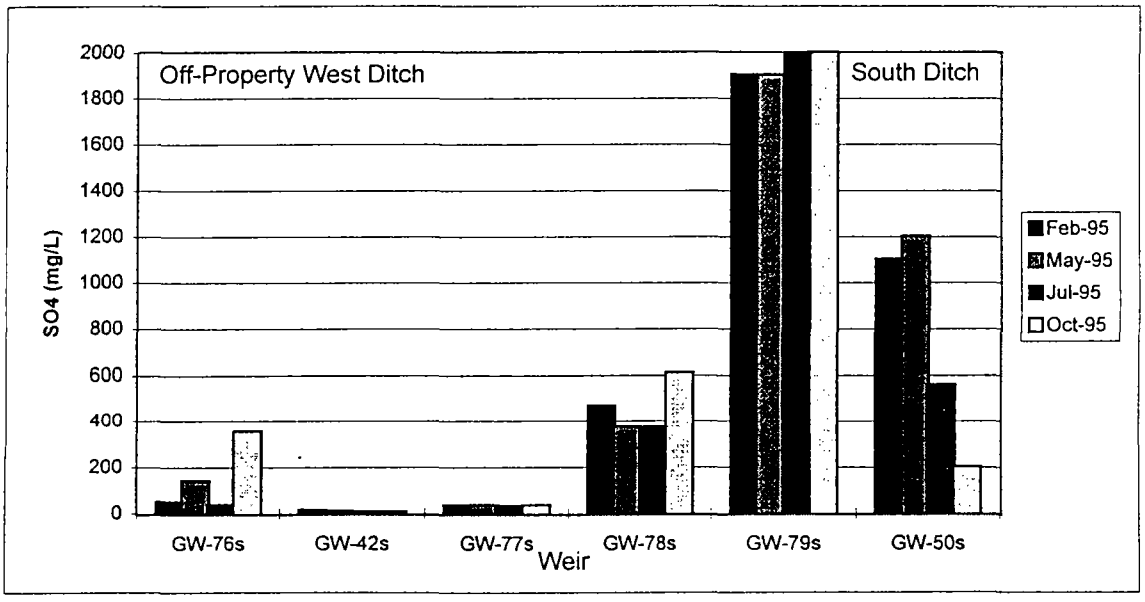


Figure 2-92 Sulfate concentrations in South Ditch surface water and shallow groundwater. (note: SW-11 and SW-15 dry during July and October - no sample taken)

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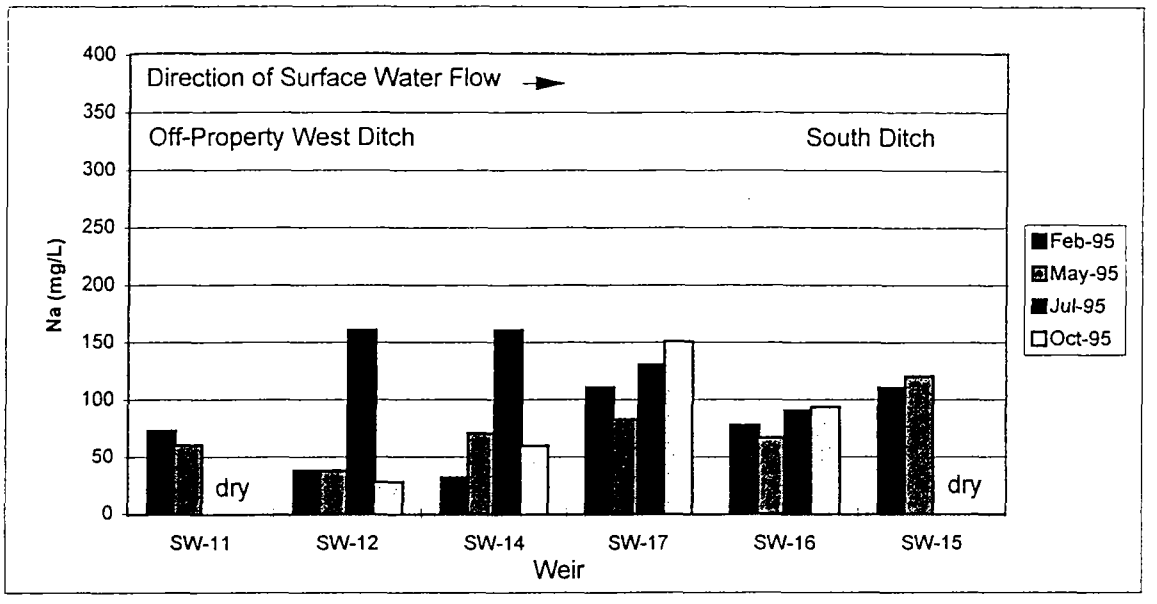

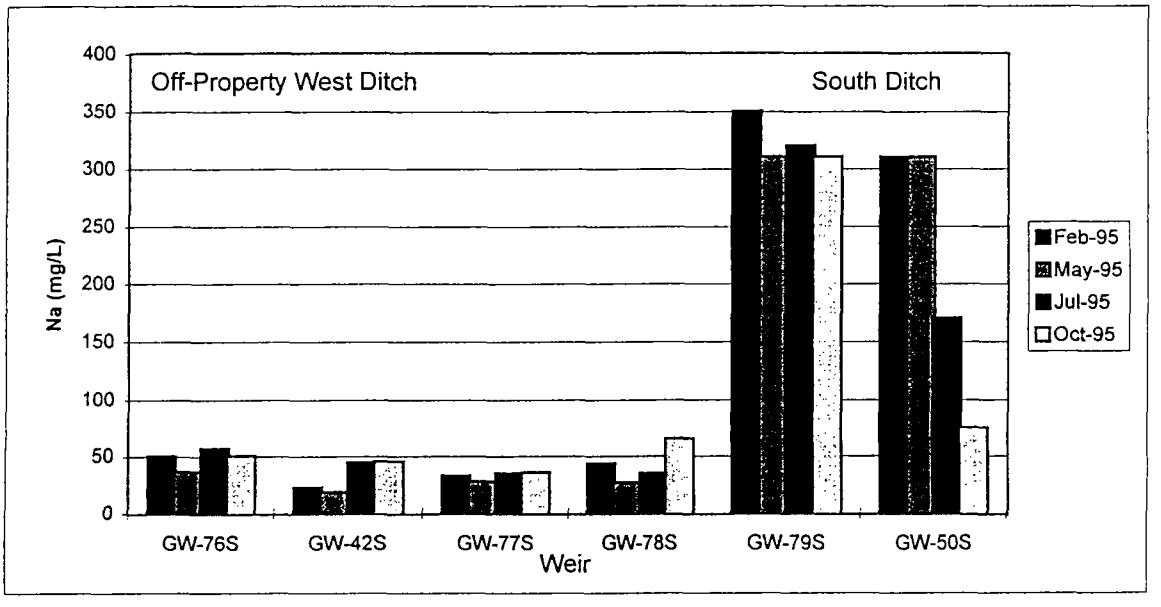

Figure 2-93 Sodium concentrations in South Ditch surface water and shallow groundwater. (note: SW-11 and SW-15 dry during July and October - no sample taken)

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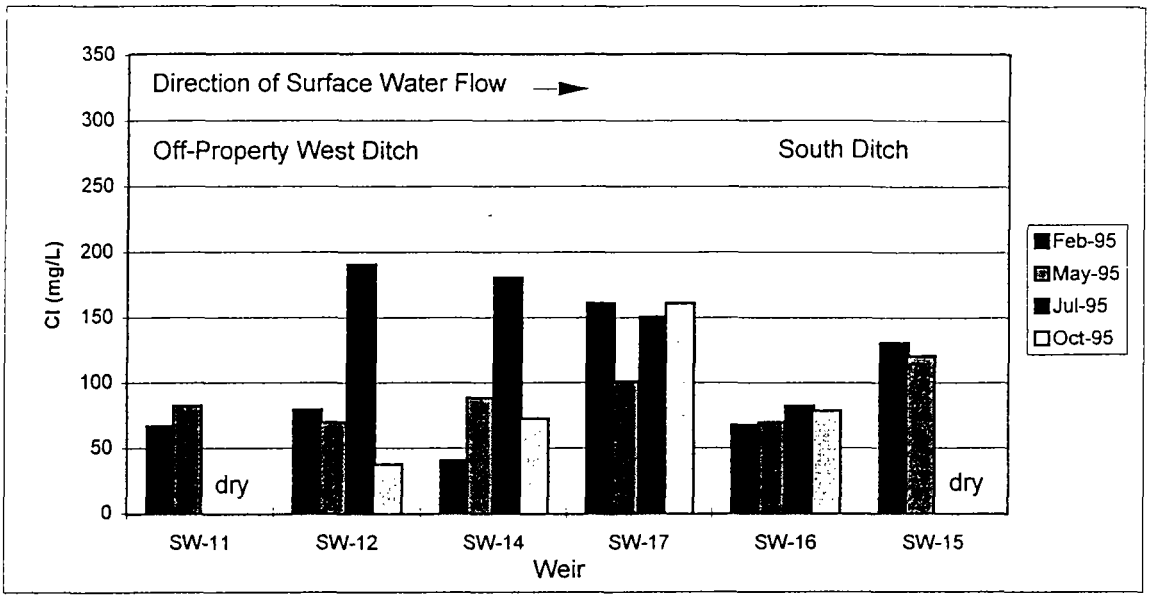


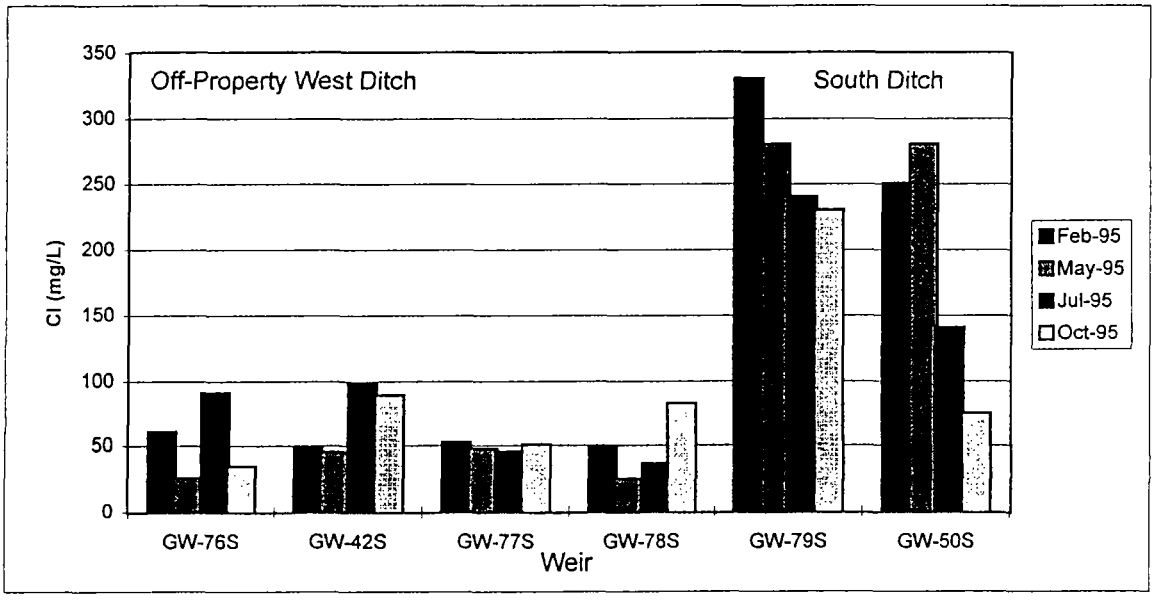
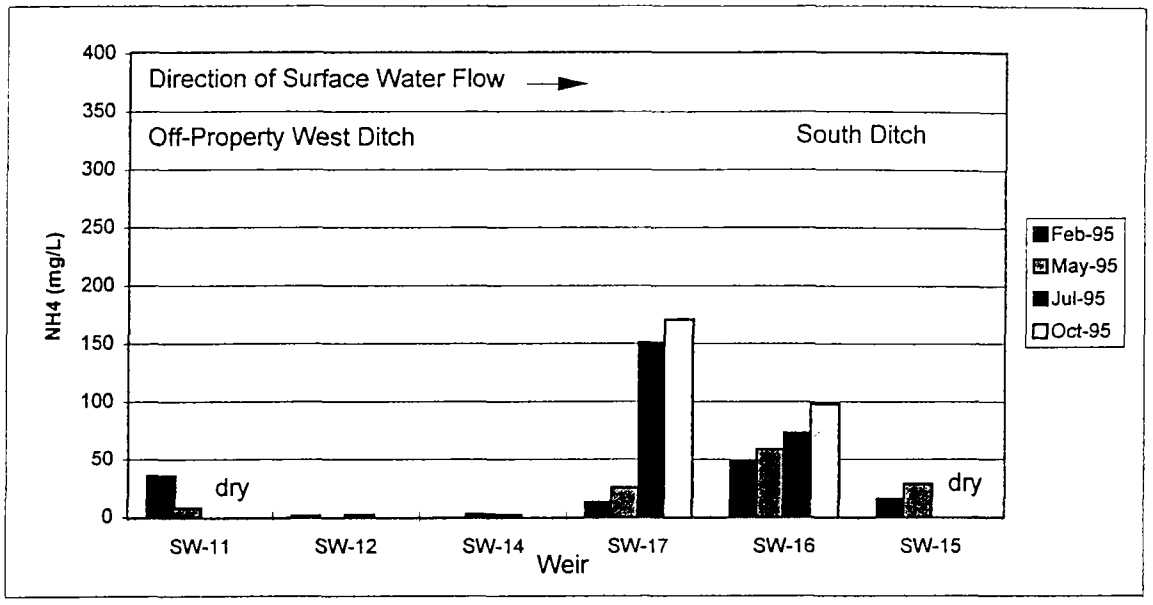


Figure 2-94 Chloride concentrations in South Ditch surface water and shallow groundwater. (note: SW-11 and SW-15 dry during July and October - no sample taken).

US EPA ARCHIVE DOCUMENT



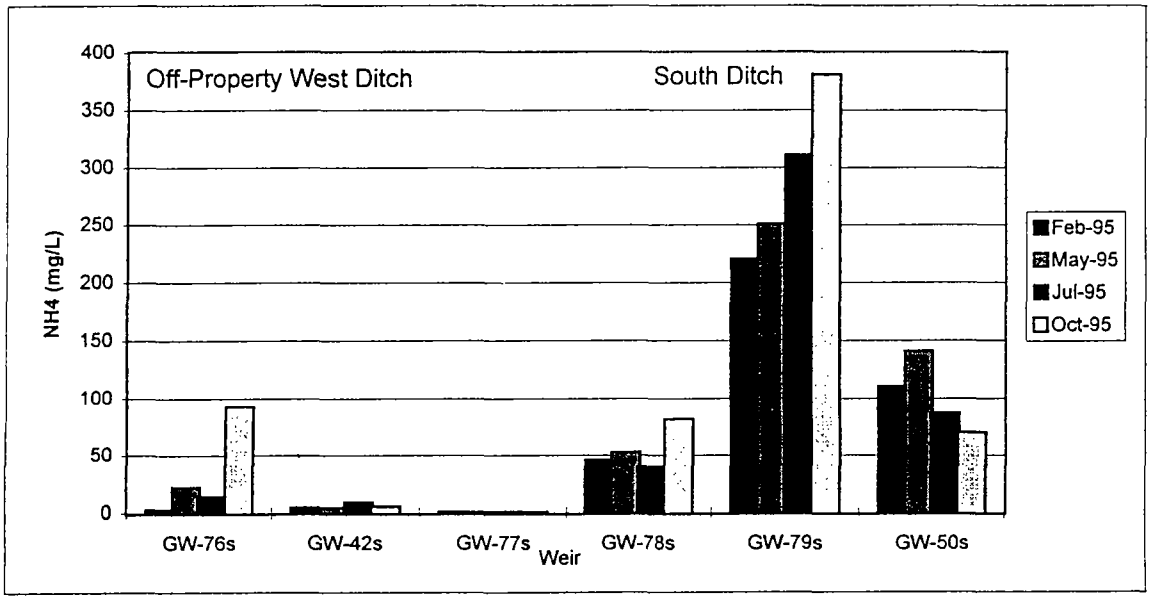
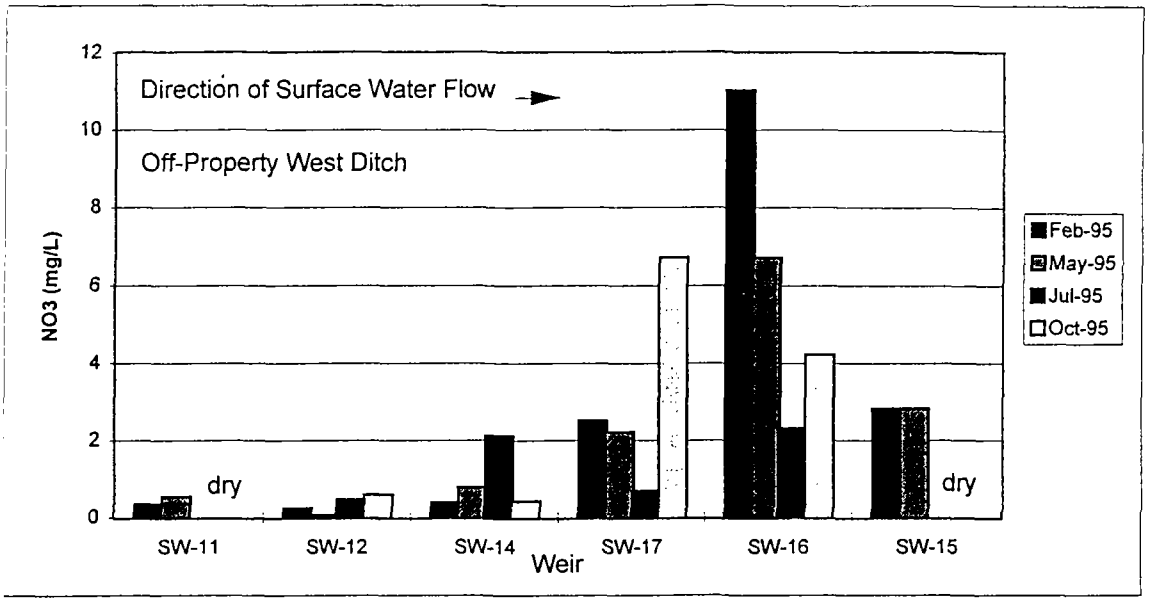


Figure 2-95 Ammonia concentrations in South Ditch surface water and shallow groundwater. (note: SW-11 and SW-15 dry during July and October - no sample taken).

US EPA ARCHIVE DOCUMENT



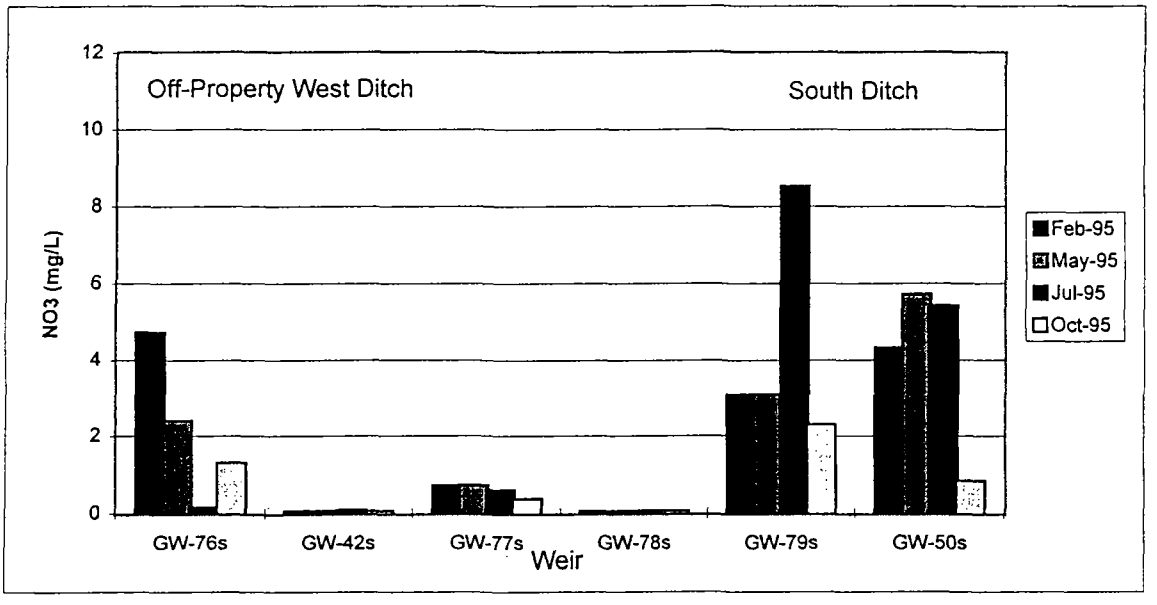
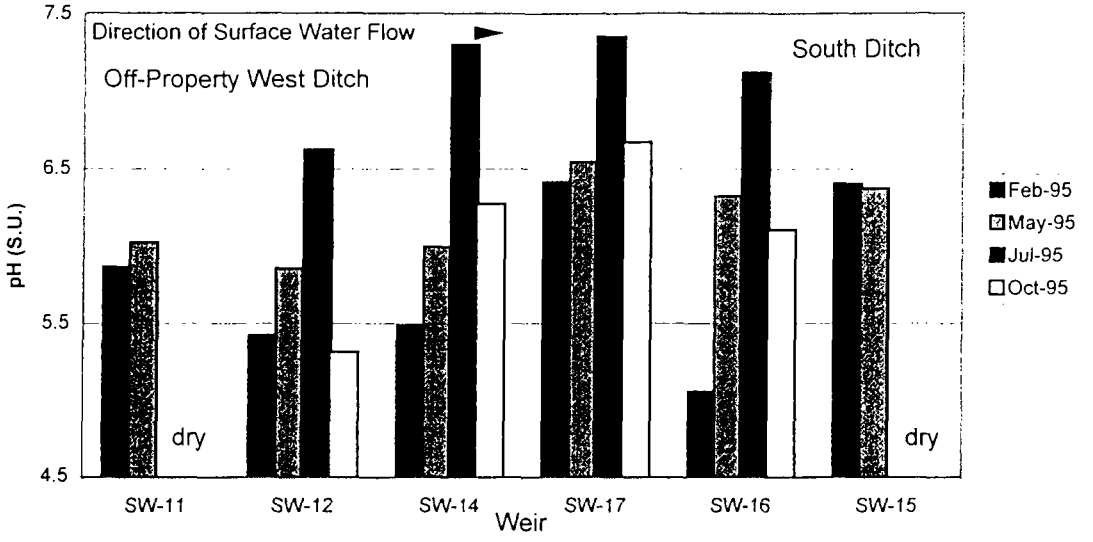


Figure 2-96 Nitrate concentrations in South Ditch surface water and shallow groundwater. (note: SW-11 and SW-15 dry during July and October - no sample taken)

US EPA ARCHIVE DOCUMENT



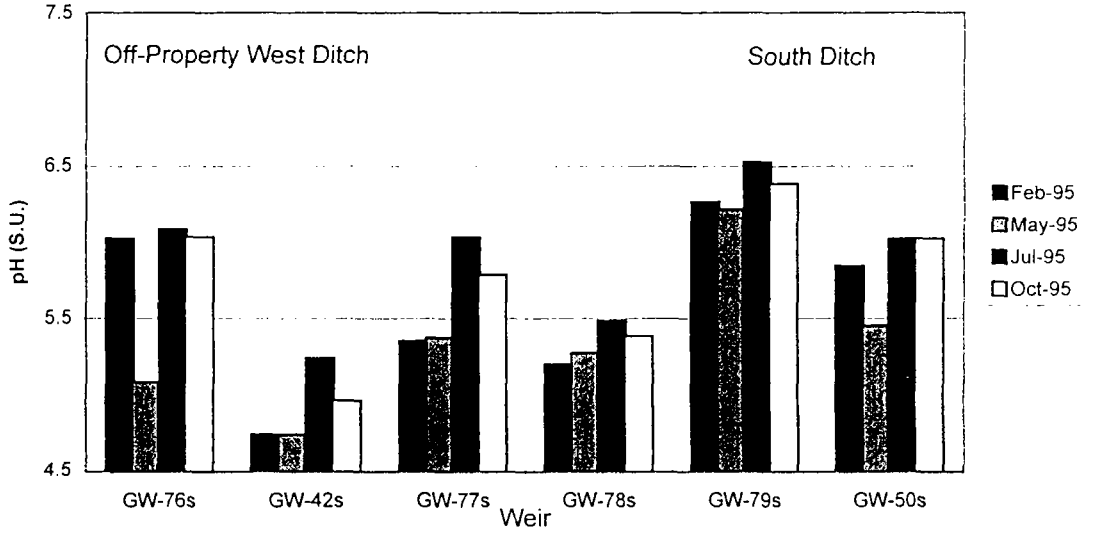
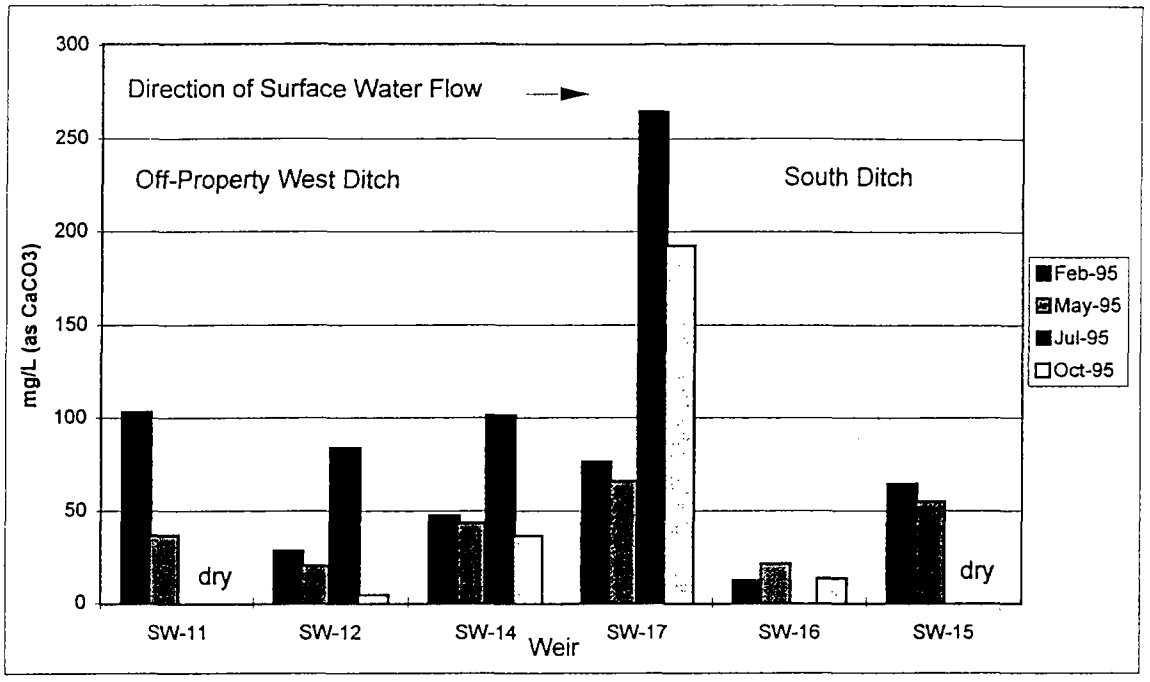


Figure 2-97 Field measured pH in South Ditch surface water and groundwater. (note: SW-11 and SW-15 dry during July and October - no sample taken)

US EPA ARCHIVE DOCUMENT



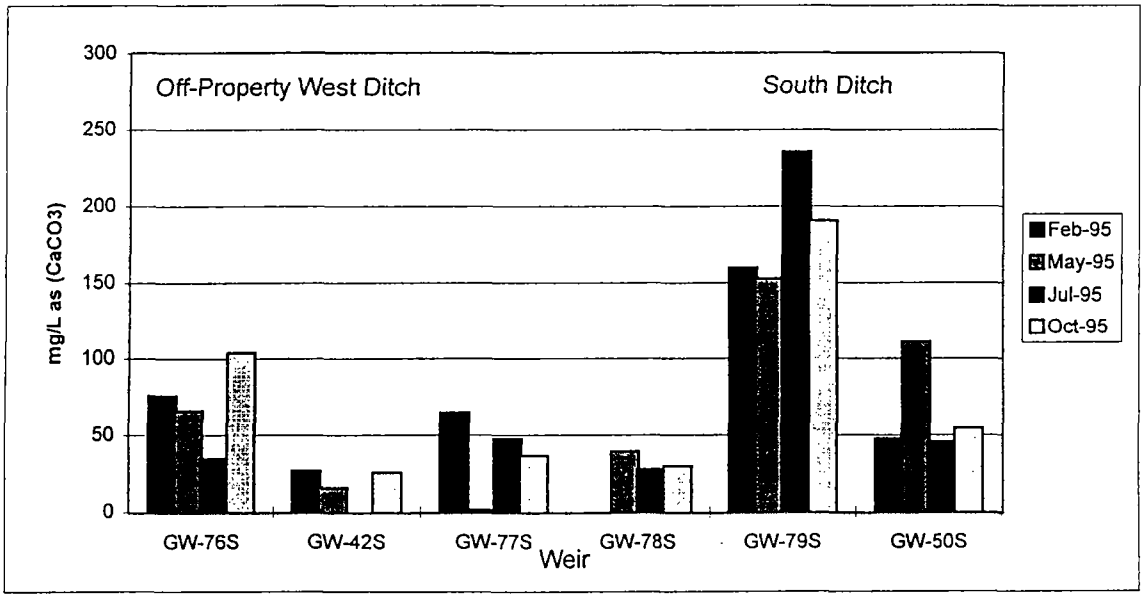
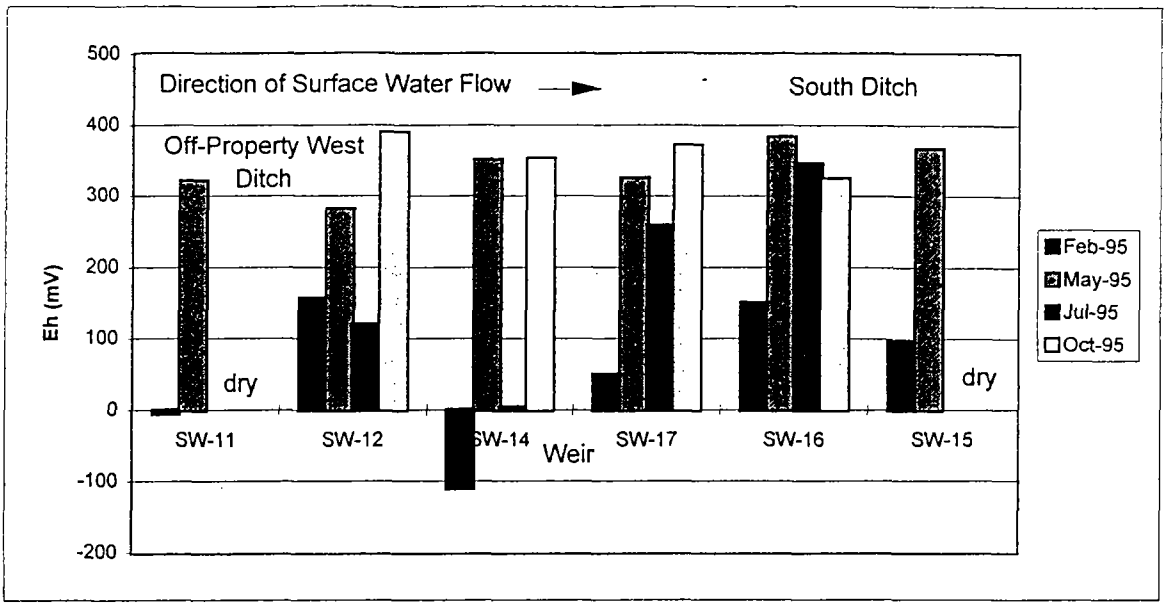


Figure 2-98 Field Measured Alkalinity (reported as CaCO3) in South Ditch surface water and shallow groundwater (note: SW-11 and SW-15 dry during July and October - no sample taken)

US EPA ARCHIVE DOCUMENT



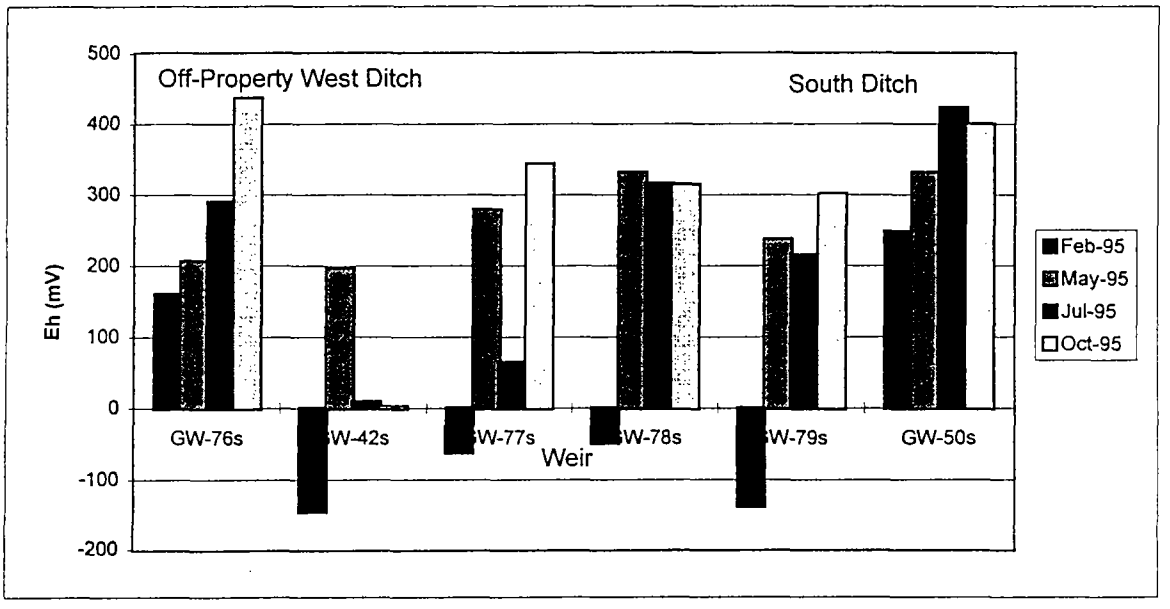
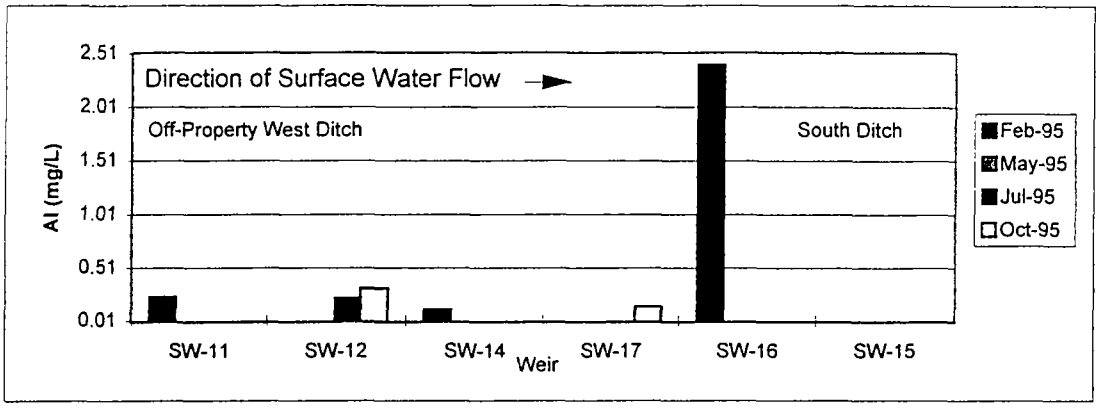
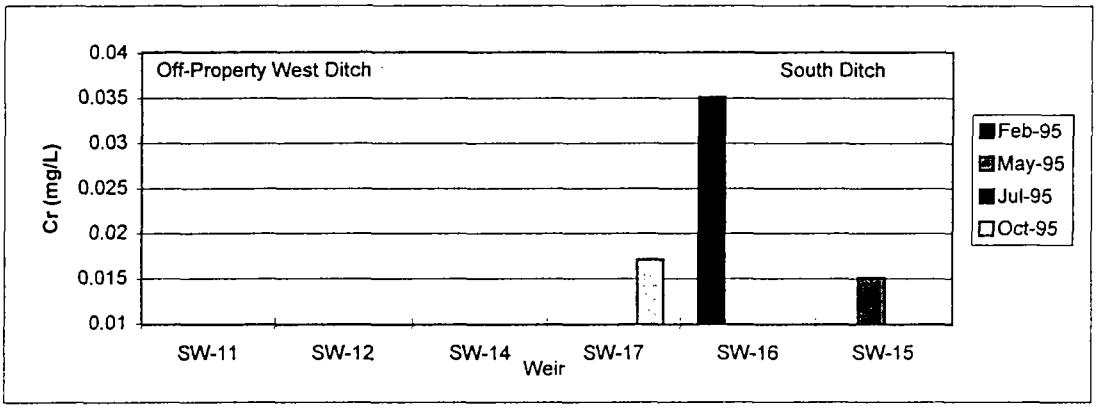


Figure 2-99 Field measured Eh (millivolts) of Ditch surface water and shallow groundwater (note: SW-11 and SW-15 dry during July and October - no sample taken).

US EPA ARCHIVE DOCUMENT





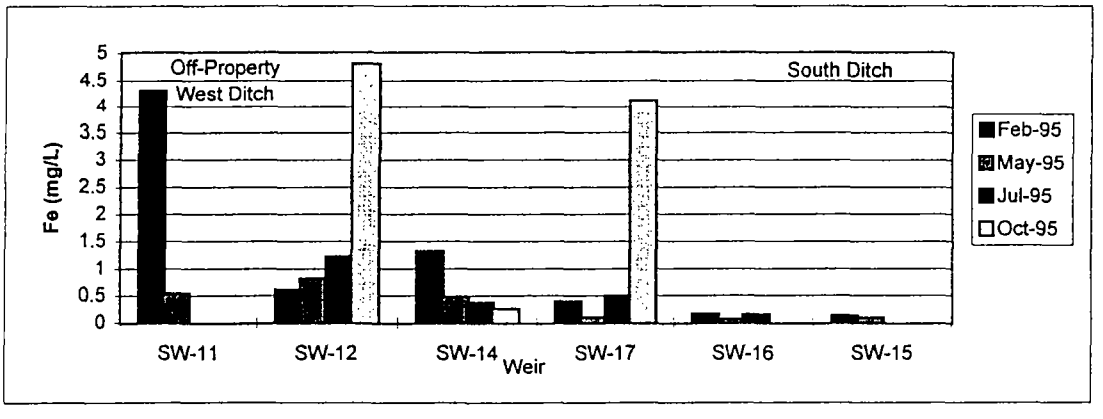


Figure 2-100 Detections of filtered Al, Cr, and Fe in South Ditch Surface Water. Detection Limits: Al (0.10 mg/L), Cr (0.015 mg/L), Fe (0.025 mg/L). (Note: SW-11 and SW-15 dry during July and October - no sample taken)

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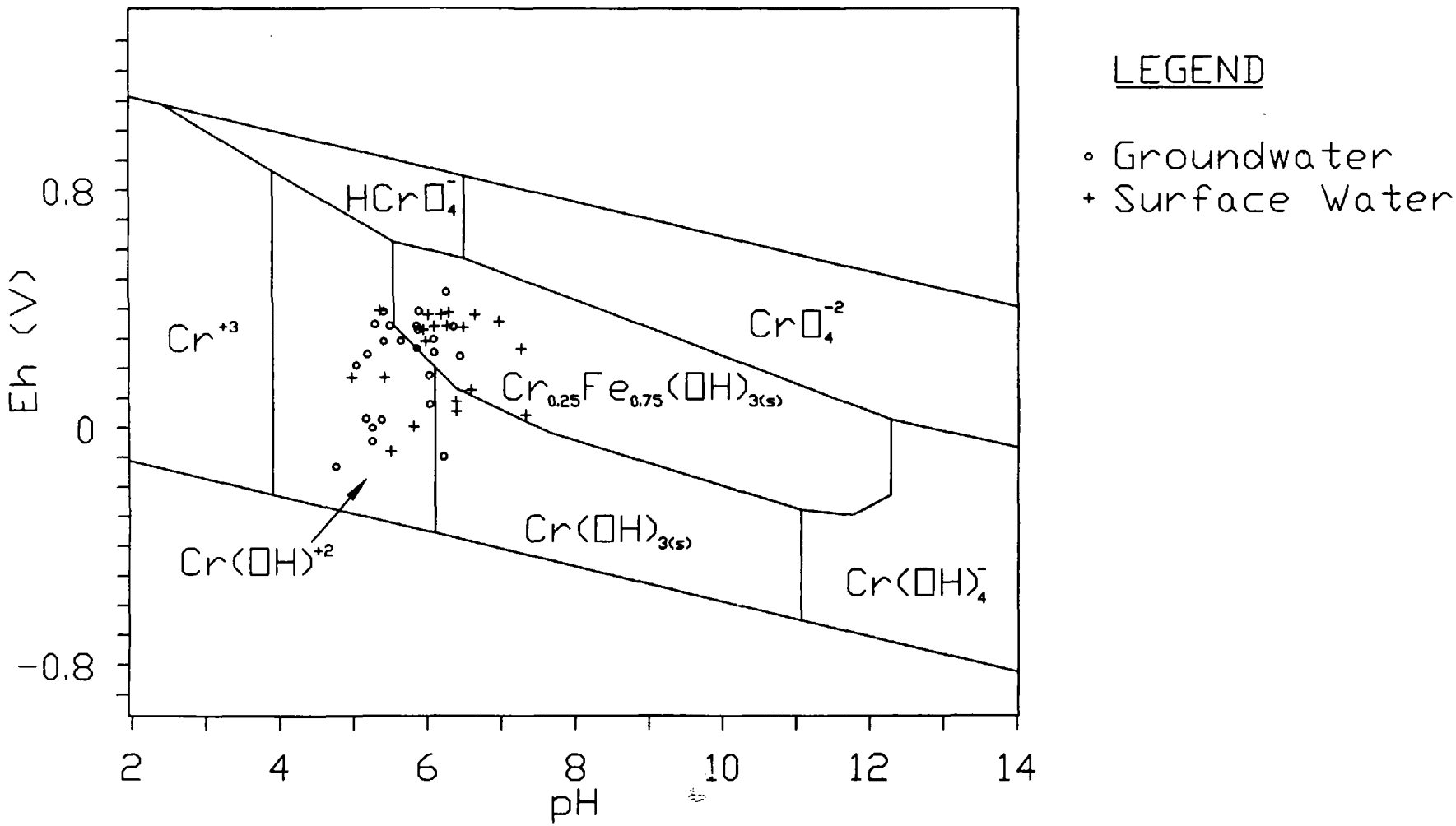

Figure 2-101 Field measured Eh–pH conditions of Ditch Surface water and groundwater. ($\Sigma Cr=10^{-4.3}M;\Sigma Fe=10^{-3}M$)

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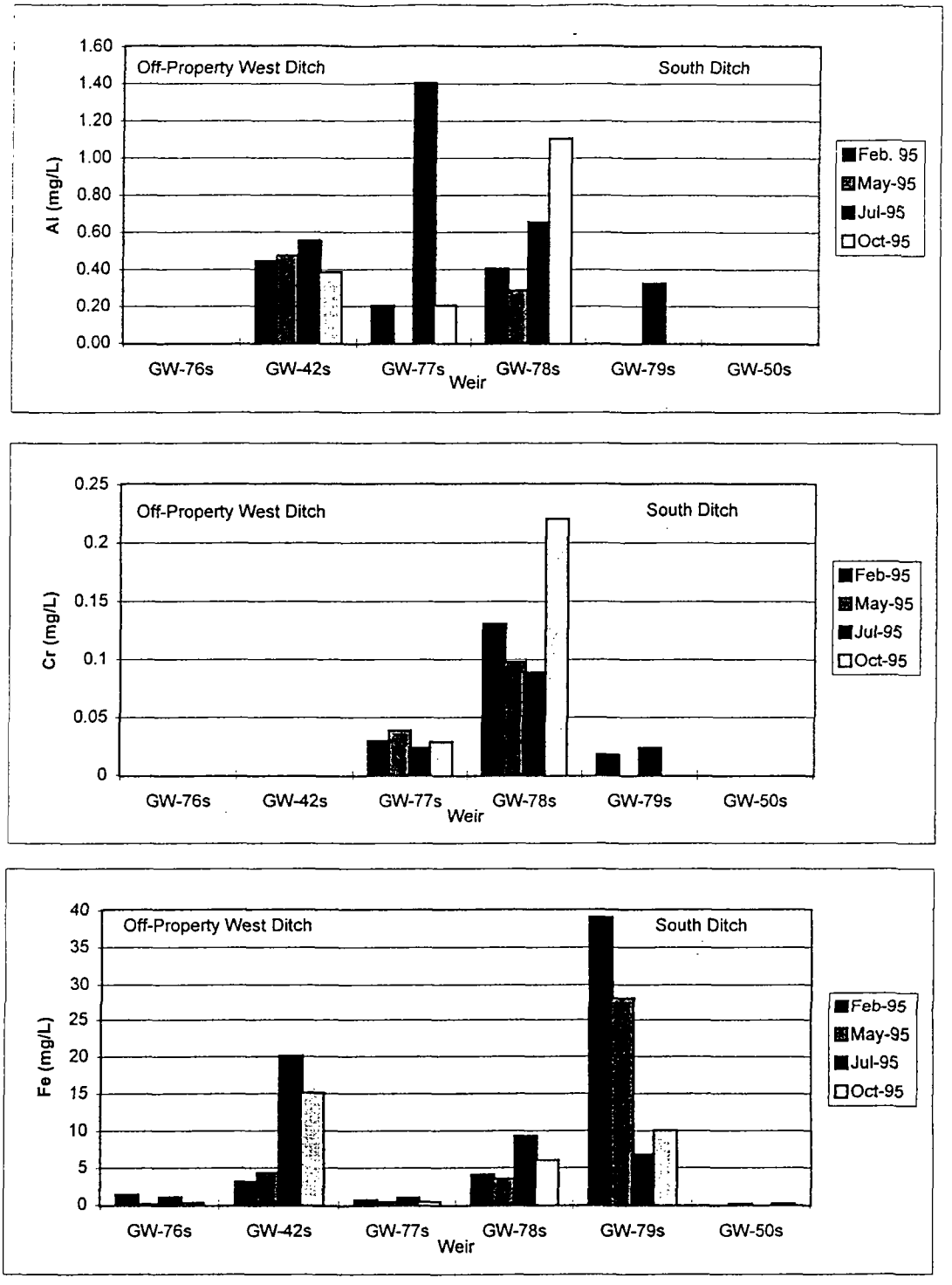

Figure 2-102 Detection of filtered Al, Cr, and Fe in South Ditch Shallow Groundwater. Detection limits: Al (0.10 mg/L), Cr (0.015 mg/L), Fe (0.025 mg/L).

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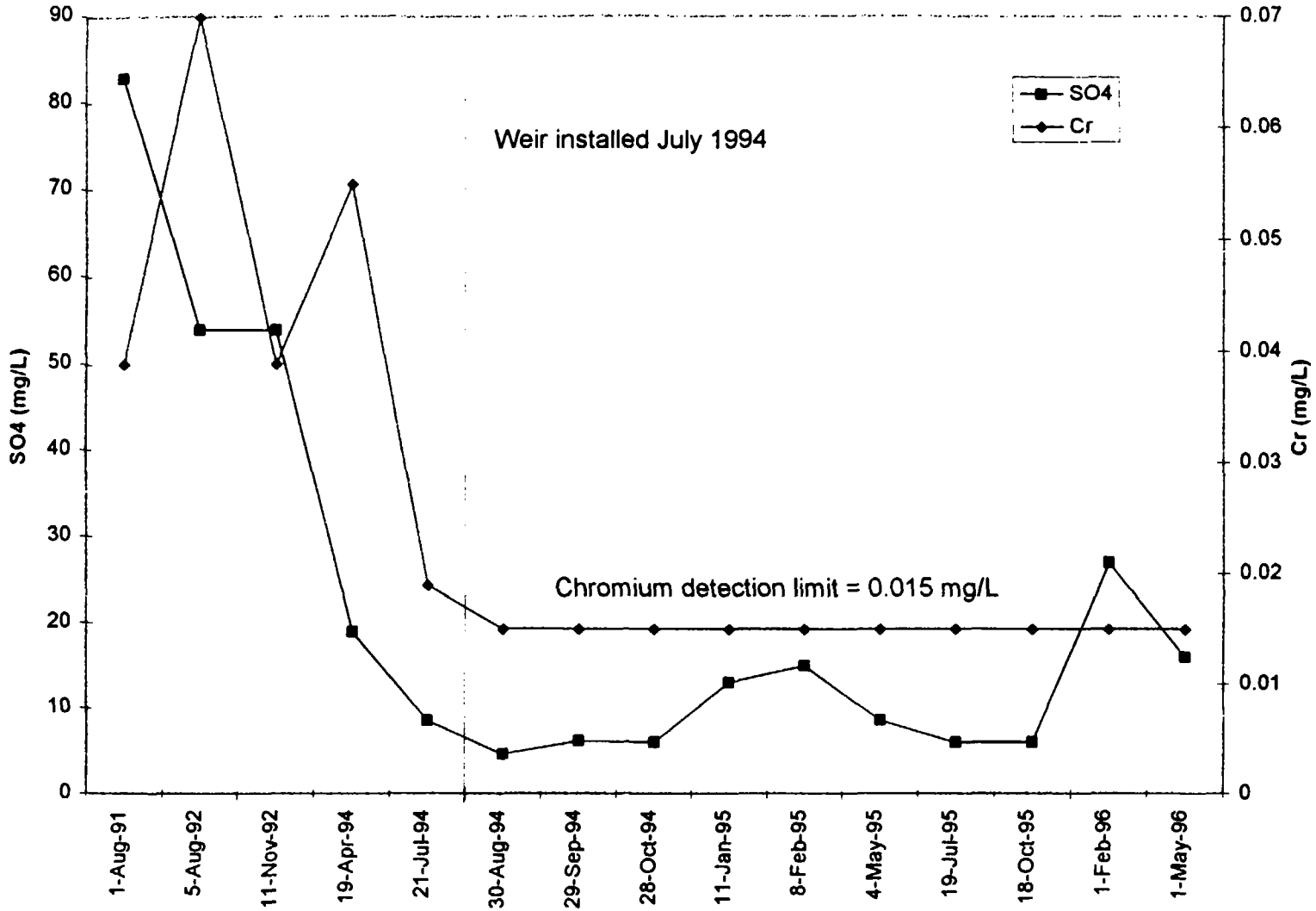

Figure 2-103 **Historical Concentrations of Chromium and Sulfate in GW-42s.**

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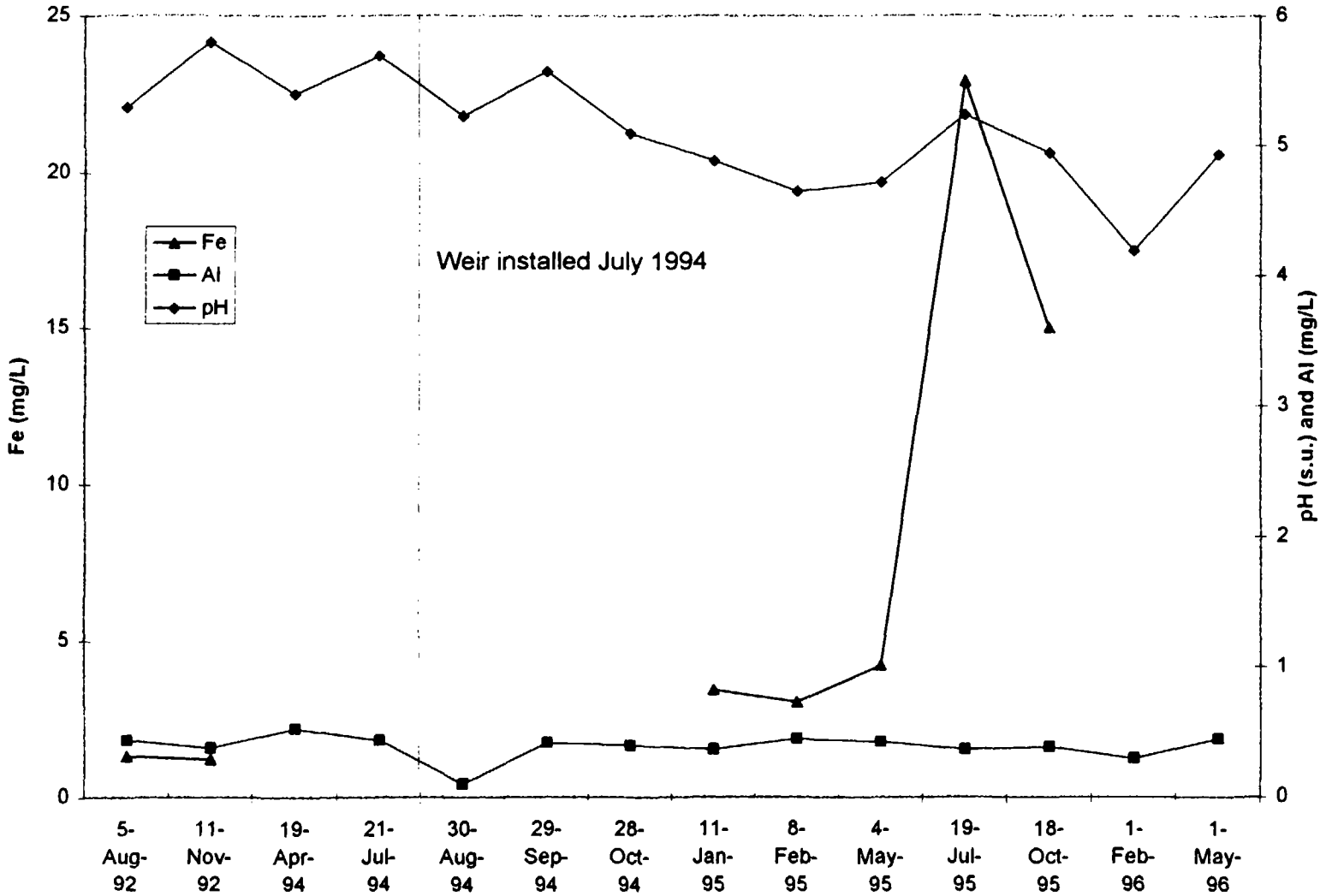
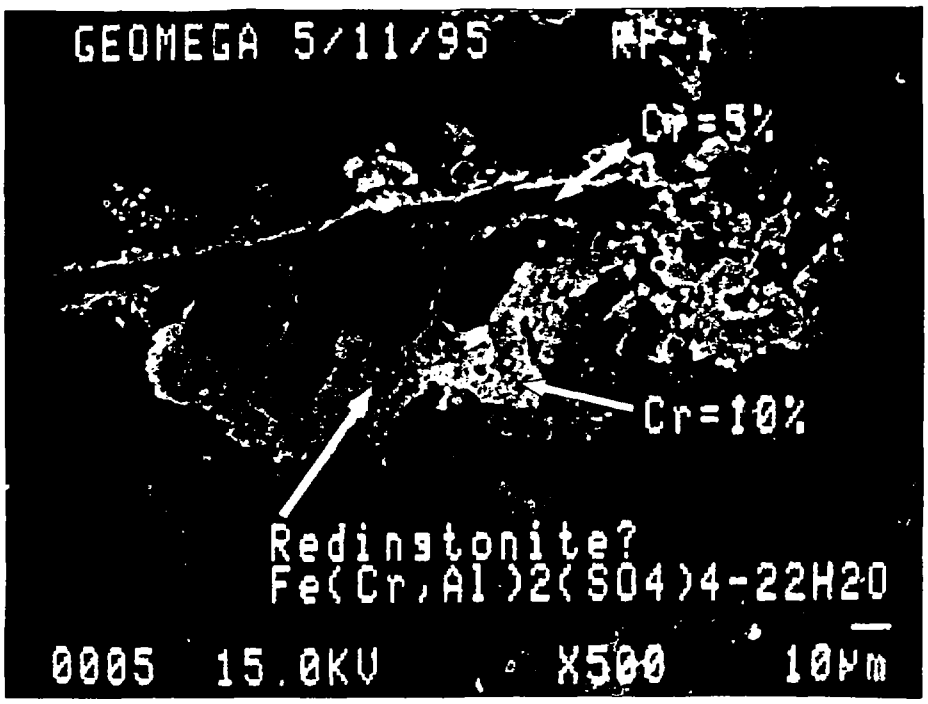


Figure 2-104 **Historical Concentrations of Al, Fe, and pH in GW-42s.**



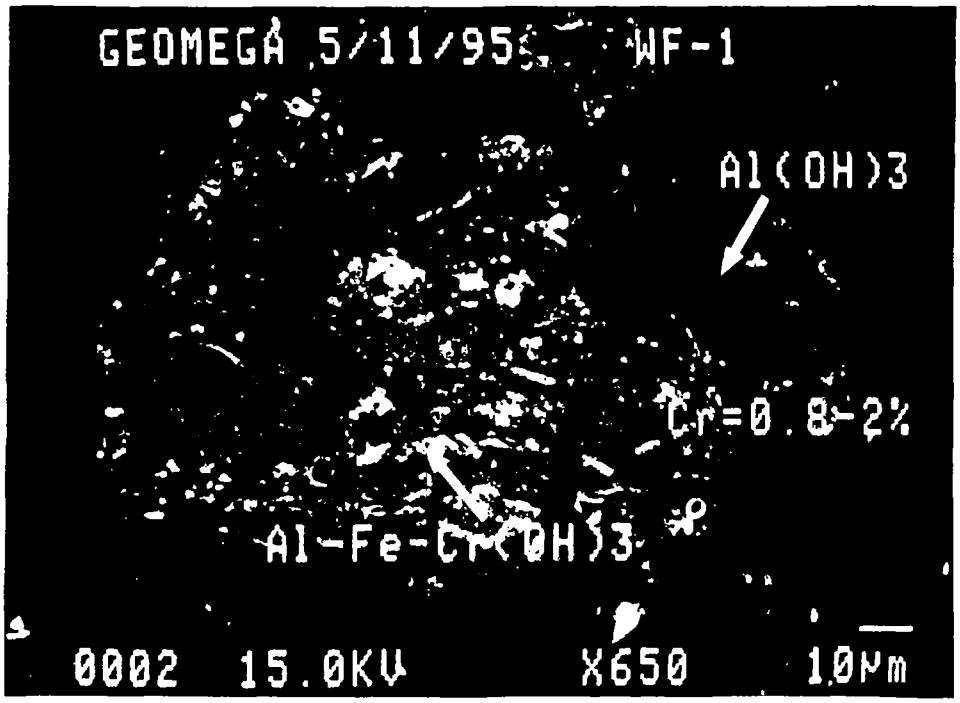


Figure 2-105 Photomicrographs of flocculent samples RP-1 ("red precipitate") and WF-1 ("white floc") collected in 1995 from the Off-Property West Ditch and South Ditch, respectively. Chromium content of RP-1 ranges from 5% to 10%, and up to 2% in WF-1. RP-1 contains Fe, Al, and SO_4 in molar proportions indicative of the mineral redingtonite. WF-1 contains abundant Al, Cr, and Fe hydroxide phases.

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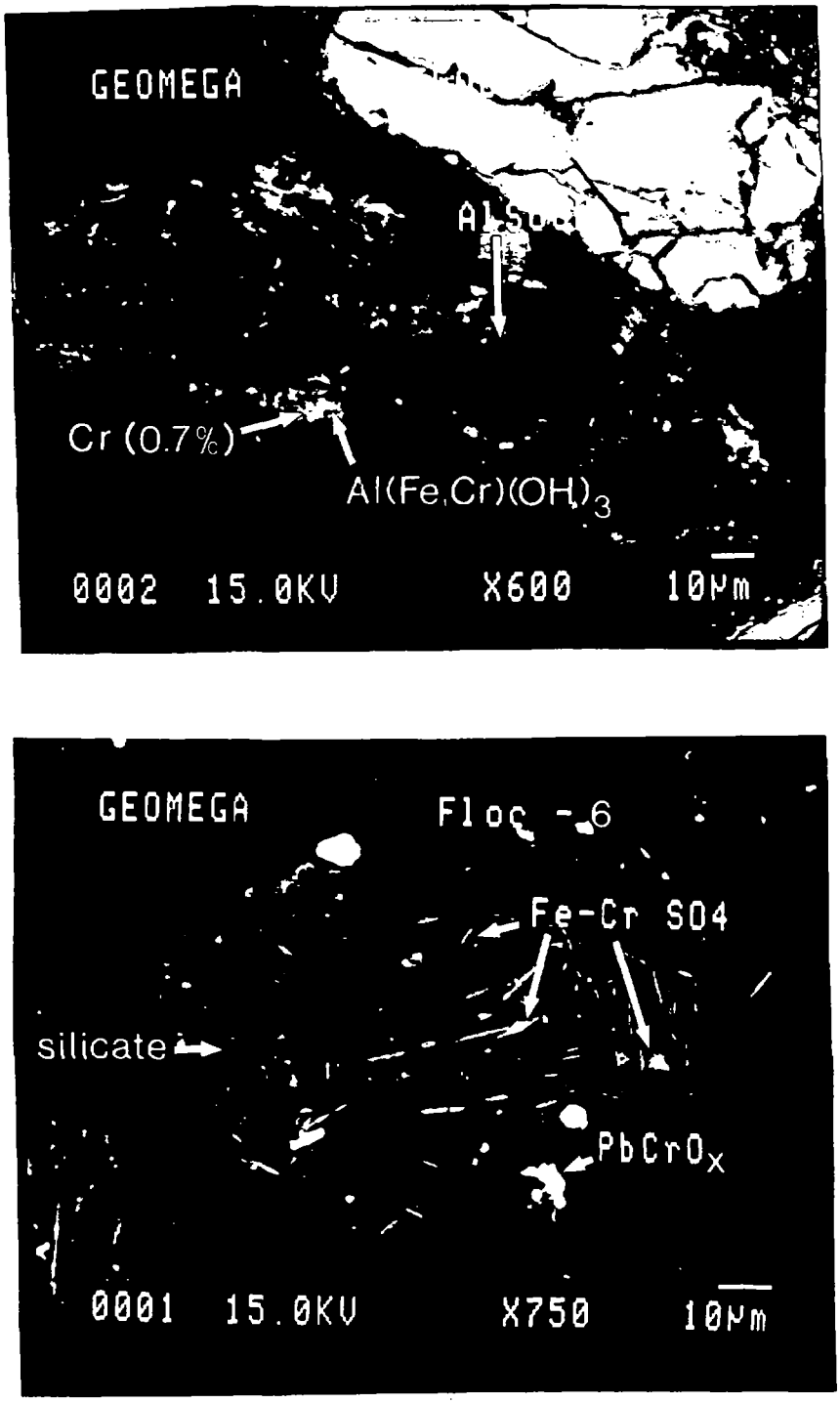

Figure 2-106 Photomicrographs of flocculent sample "Floc-6" collected from the east end of South Ditch in April 1996. Top photomicrograph shows morphologic relationship between Cr-bearing and Fe-bearing $Al(OH)_3$ and AlSOOH solid phases. Detections of potassium in AlSOOH phase may indicate the presence of poorly crystallized alunite $[KAl_3(SO_4)_2(OH)_6]$. Bottom photomicrograph shows intergrowths of Fe-Cr sulfate and Pb-Cr oxide in a silicate matrix.

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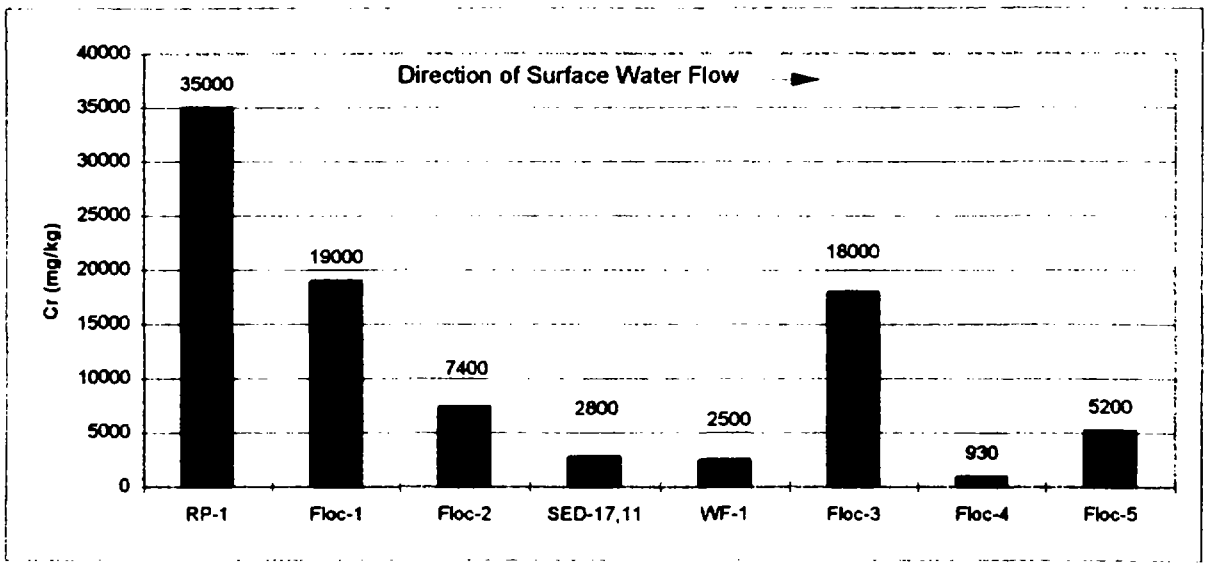

Figure 2-107 Total chromium concentrations in flocculent collected from the Off-Property West Ditch (Red Precipitate), South Ditch (White Floc and Floc #1- #5), and Off-Property West Ditch/Central Pond composite SED-17,11.

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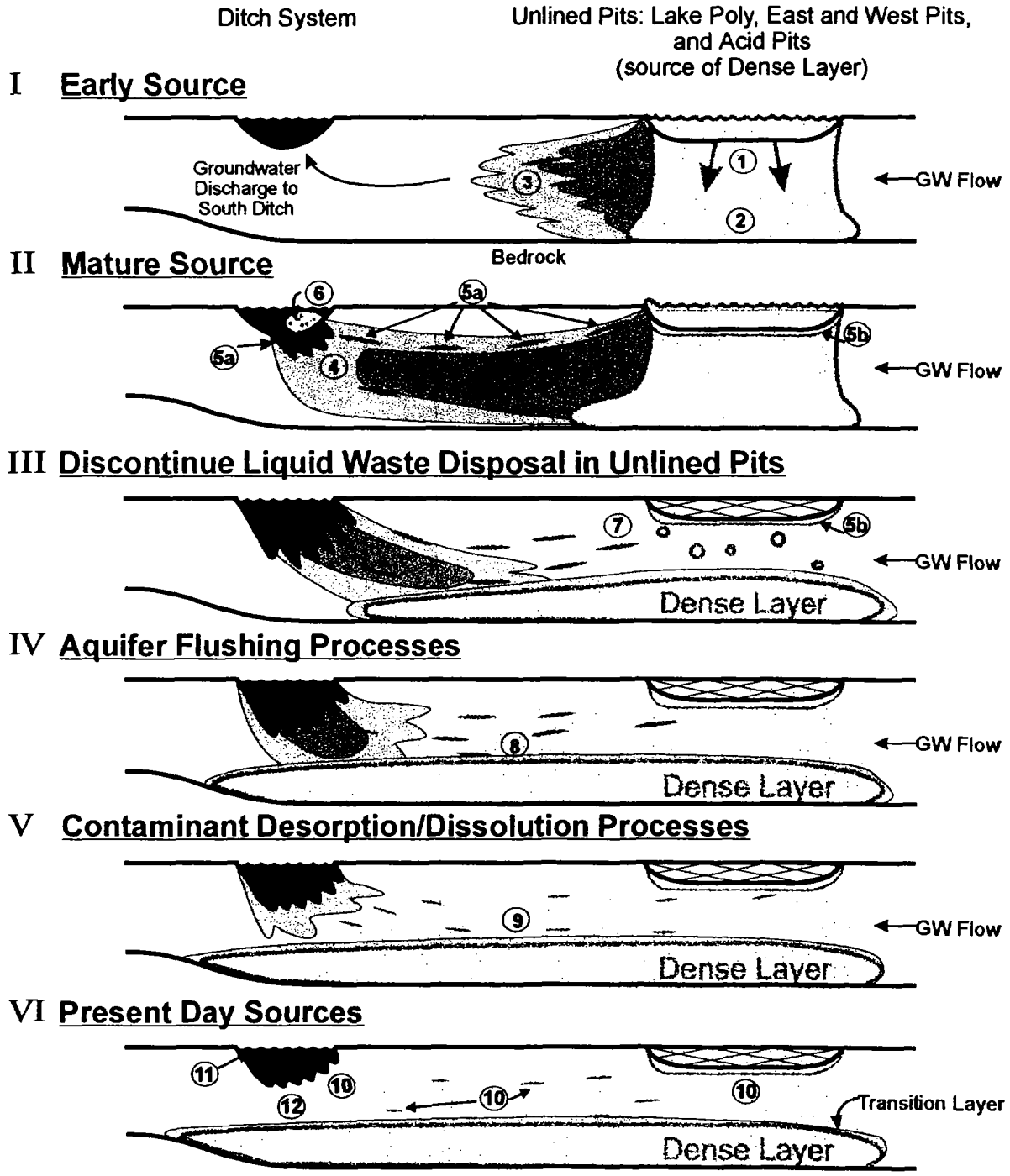

Figure 2-108. Off-Property West Ditch & South Ditch Conceptual Model.

1 Aquifer loading of dense liquid waste
2 Dense layer forms
3 Transport of contaminated groundwater
4 Contaminant discharge to Ditch system
5a Accumulation of contaminants in aquifer matrix (Al, Cr, Fe geochemical reaction zone)
5b Residual soil contamination
6 Active flocculent formation
7 Liquid waste disposal in unlined pits ceases
8 Aquifer flushing and contaminant transport by advection
9 Contaminant desorption / dissolution / ion-exchange from aquifer matrix to cleaner groundwater
10 Contaminant desorption / dissolution from Al-, Cr-, Fe- reservoir in reaction zone and residual soil sources
11 Residual flocculent formation as reaction zone is depleted
12 Slow diffusion from dense layer

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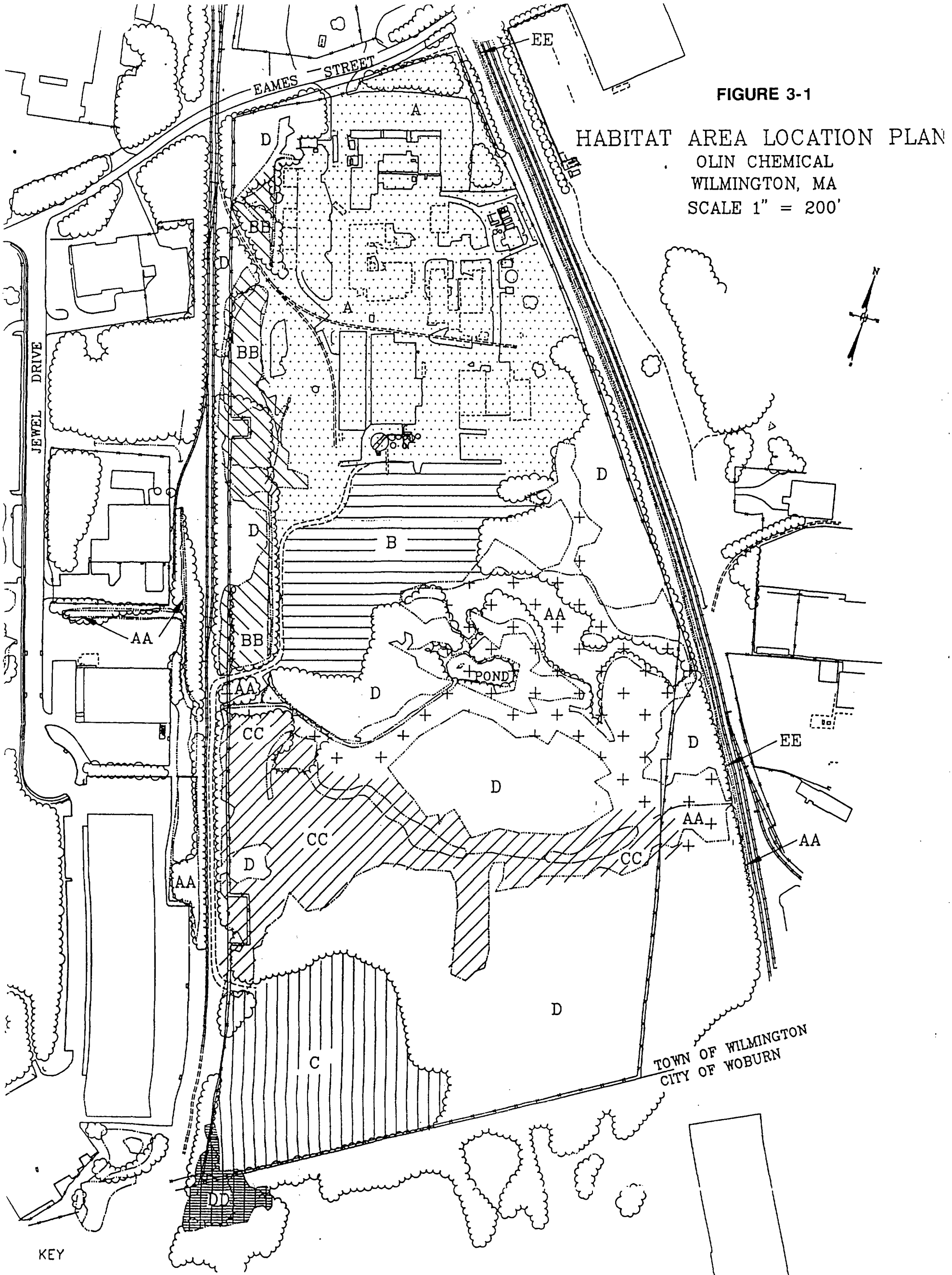

FIGURE 3-1

KEY

A	HEAVILY MAINTAINED/INDUSTRIAL
B	HEAVILY MAINTAINED/OPEN FIELD – FORMER LAGOON AREA
C	HEAVILY MAINTAINED OPEN FIELD – GYPSUM DUMP
D	FORESTED UPLAND
AA	DRAINAGE AREA AA – UNCONSOLIDATED BOTTOM – POND/SCRUB–SHRUB WETLAND/FORESTED WETLAND – "SOUTH DITCH" EMERGENT WETLAND – "WEST DITCH"
BB	DRAINAGE AREA BB – EMERGENT WETLAND/SCRUB–SHRUB WETLAND/FORESTED WETLAND
CC	DRAINAGE AREA CC – SCRUB–SHRUB WETLAND/FORESTED WETLAND
DD	DRAINAGE AREA DD – EMERGENT WETLAND – ISOLATED
EE	DRAINAGE AREA EE – UNCONSOLIDATED BOTTOM – "EAST DITCH"

Source: Wetlands Preservation Inc., 1993

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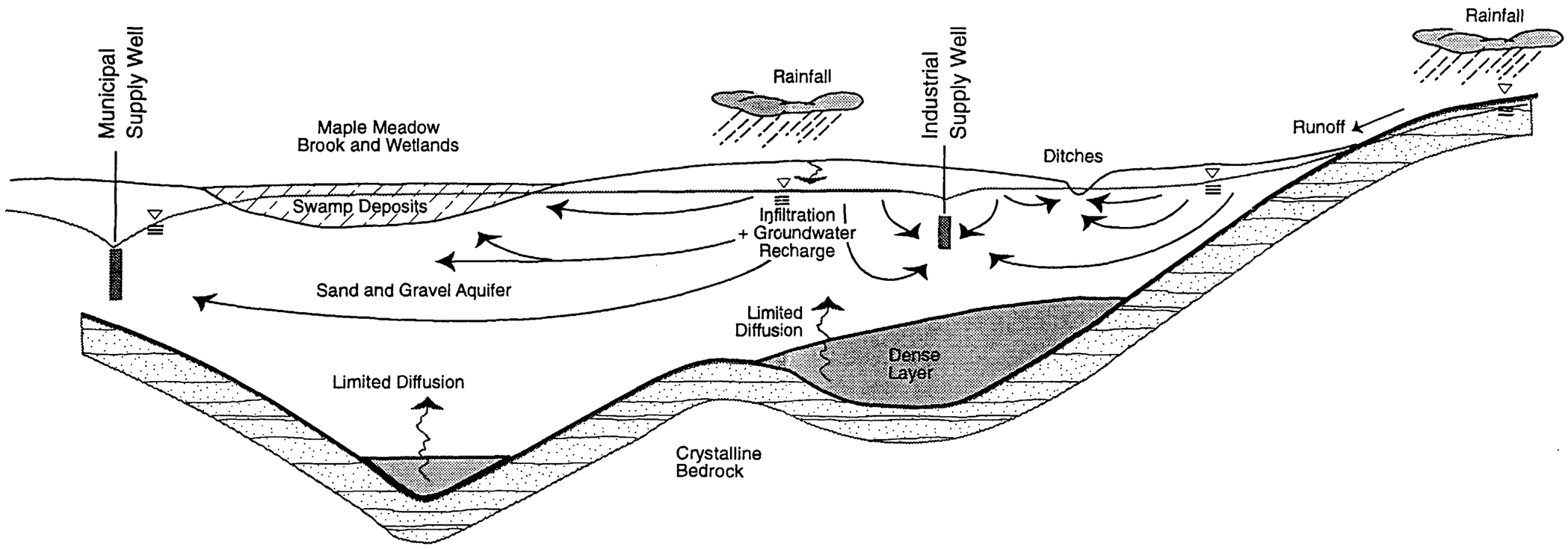

LEGEND

Typical Movement of Groundwater

Water Table

Smith Technology Project No. 00-7074-0106

Not to Scale

Figure 3-2
Schematic Showing Hydrogeologic System

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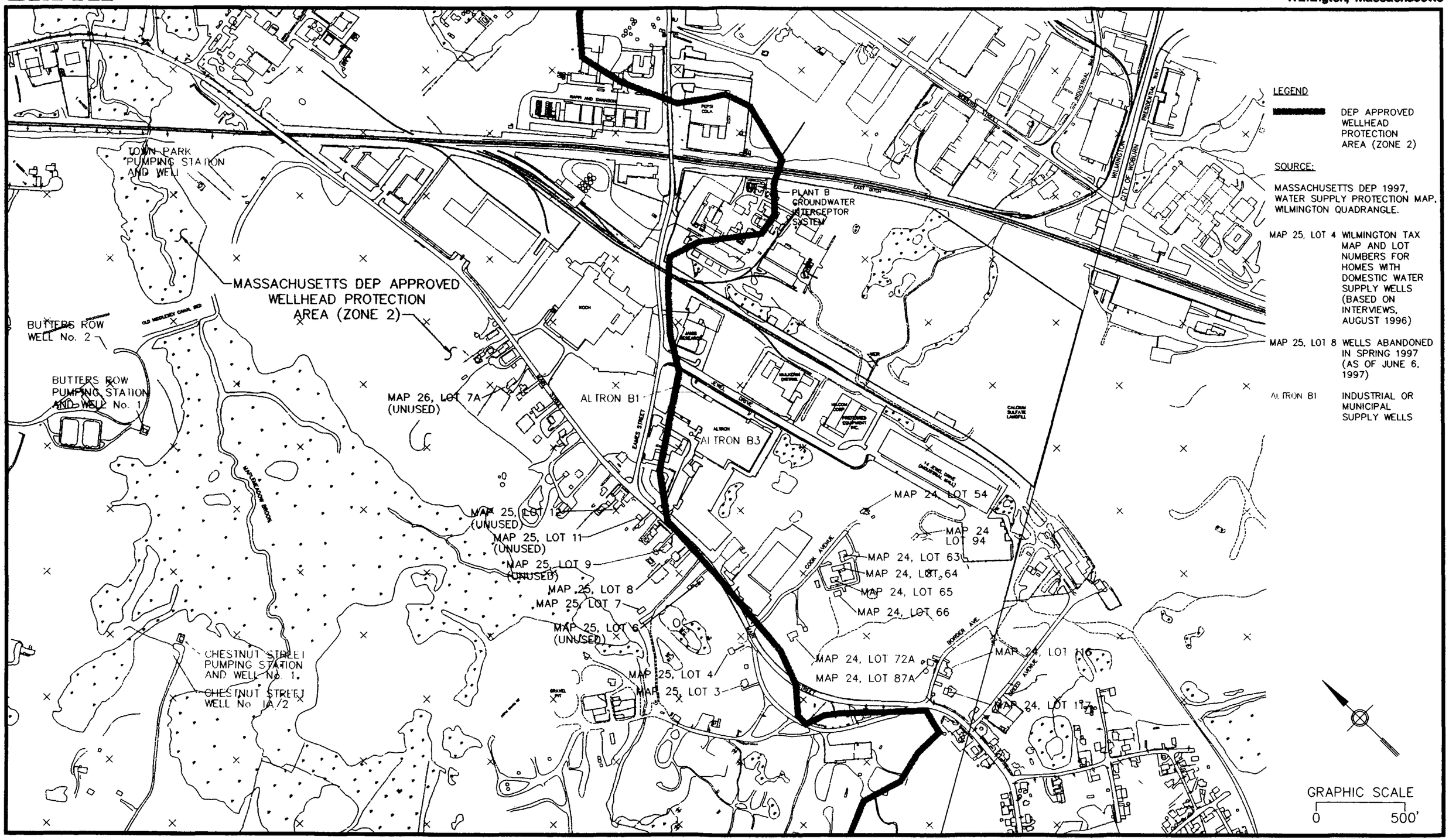

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Figure 3-3
Groundwater Resources

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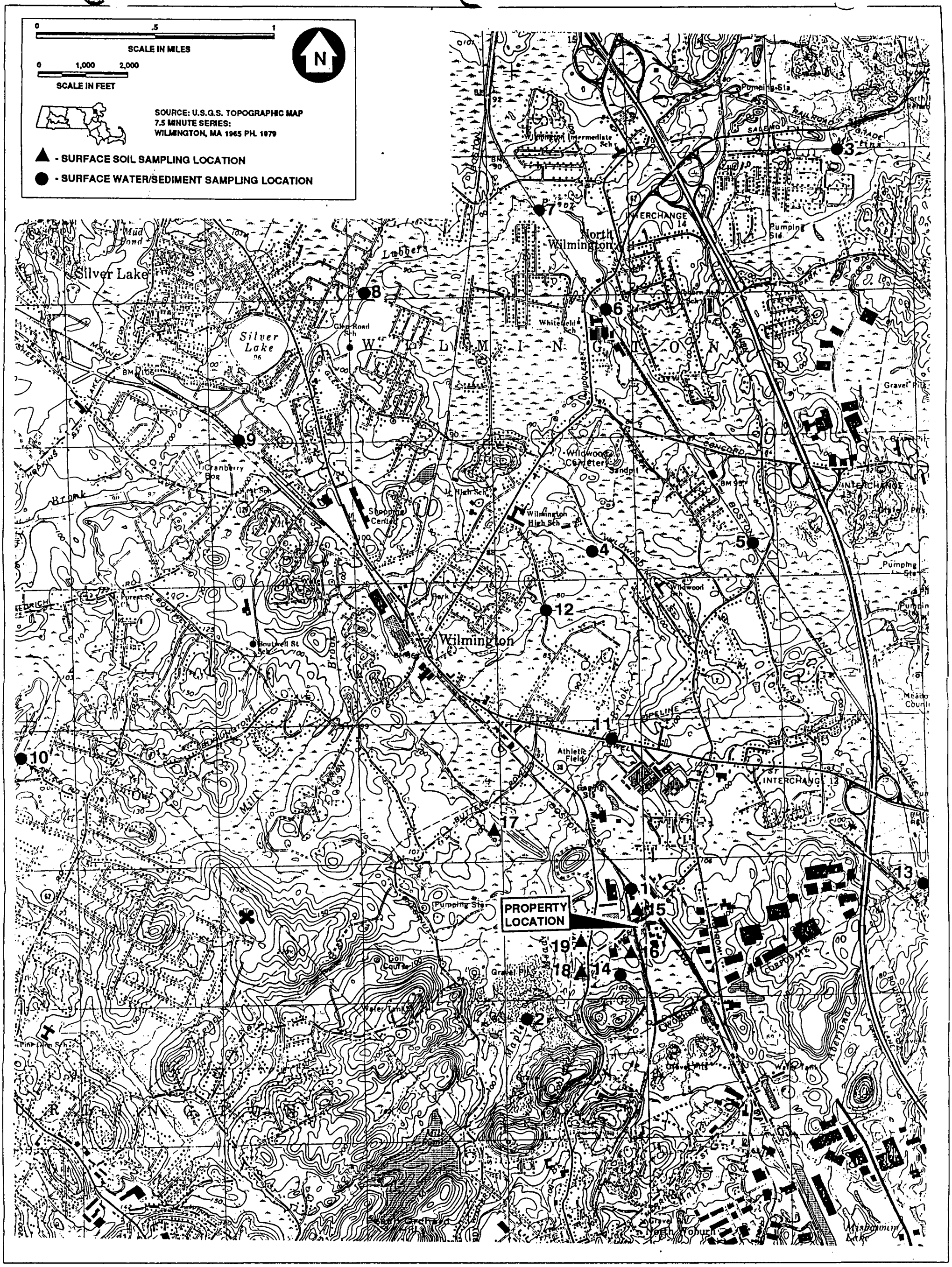

ABB Environmental Services, Inc.

FIGURE 4-1
BACKGROUND SURFACE SOIL, SURFACE WATER AND SEDIMENT SAMPLING LOCATIONS
OLIN CORPORATION
WILMINGTON, MA

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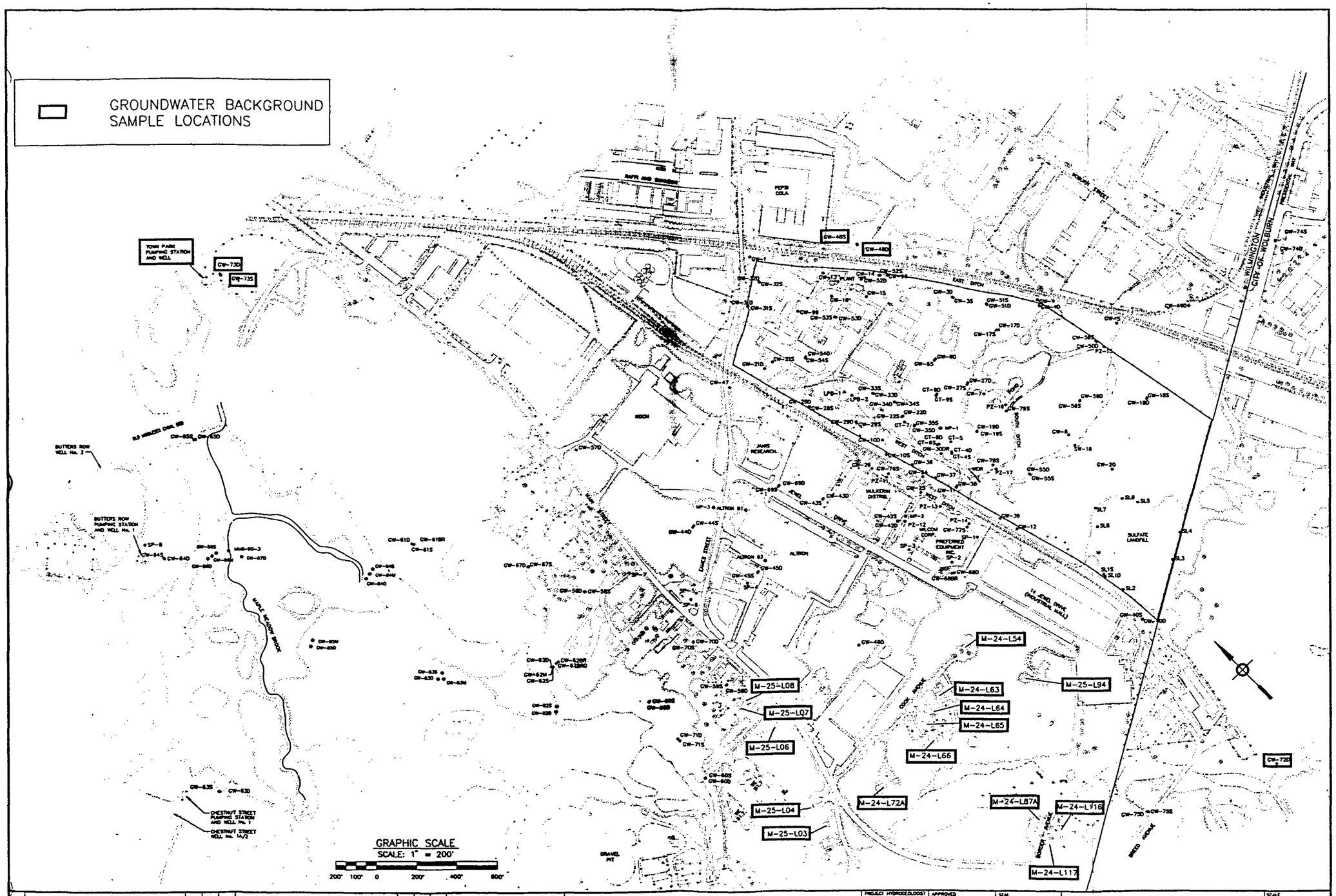

NO.	REVISIONS	DATE	CHKR.	NO.	REVISIONS	DATE	CHKR.	DATE	ISSUED FOR

SMITH SMITH ENVIRONMENTAL TECHNOLOGIES CORPORATION

One Plymouth Meeting
Plymouth Meeting, PA 19462

PROJECT HYDROGEOLOGIST	APPROVED	SEAL
DRAWN BY RMC		
PROJECT GEOLOGIST	APPROVED	
PROJECT MGR.		
CHECKED BY	DATE 10/14/96	

OLIN CORPORATION
Wilmington, Massachusetts

FIGURE 4-2
GROUNDWATER BACKGROUND SAMPLE LOCATIONS

SCALE: AS SHOWN
PROJECT NO. 00-7074-0102
DGWBKSLOC
SHEET

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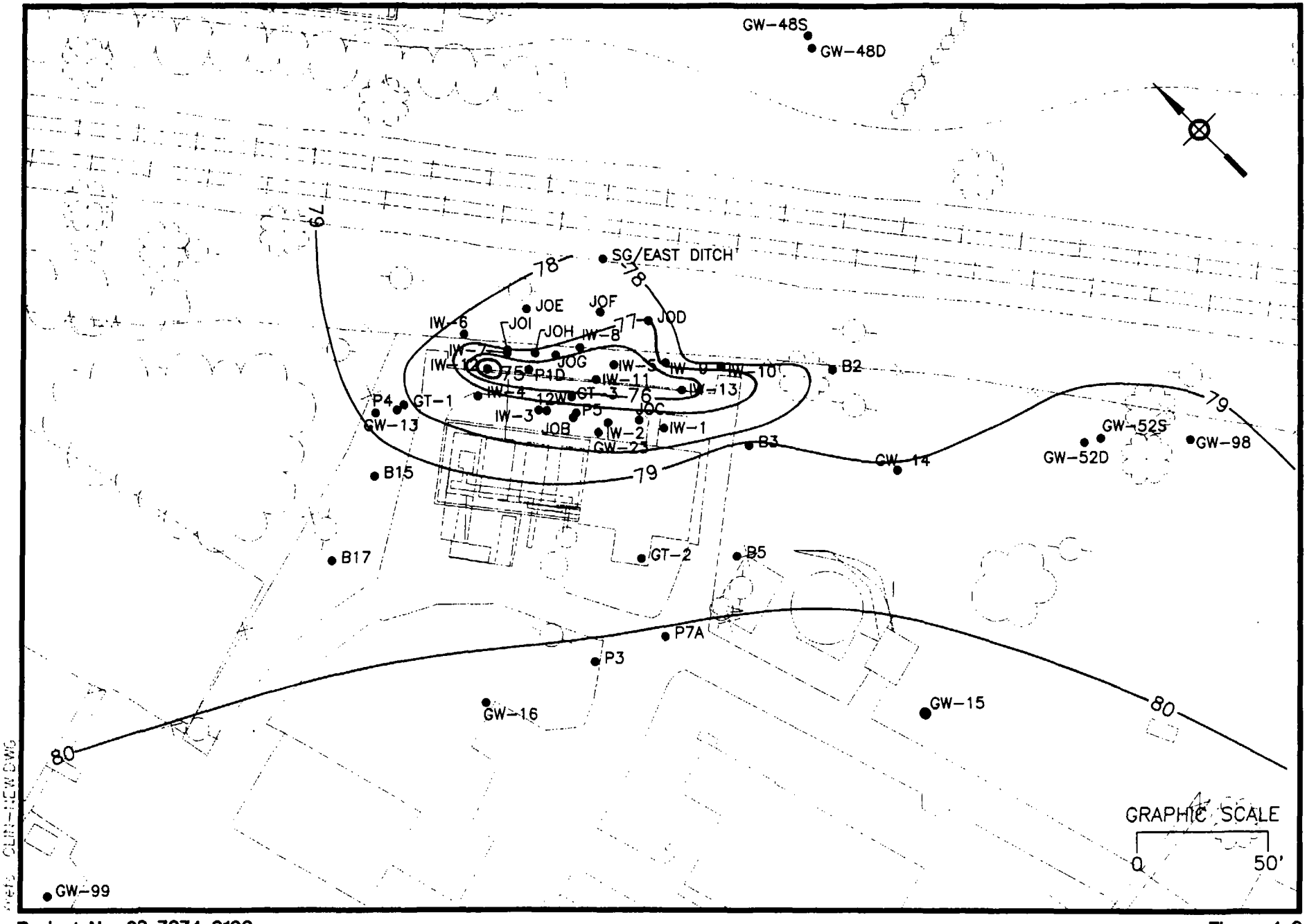
SMITH TECHNOLOGY CORPORATION

Olin Corporation
Wilmington, MA



Drawing: 7074-056

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Figure 4-3
Groundwater Contour Map at Plant B - 1/25/97

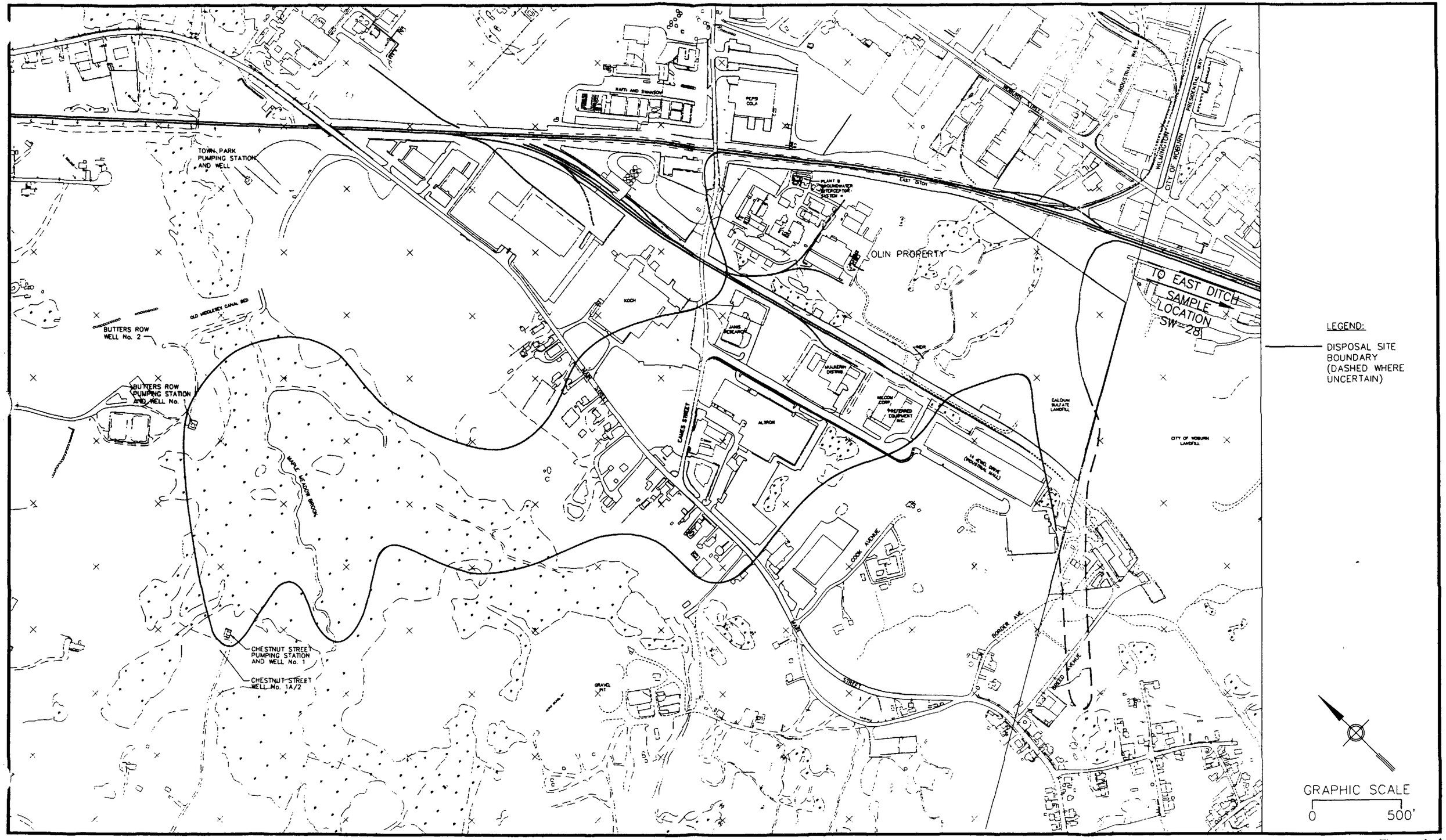

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Figure 4-4
Disposal Site Boundaries

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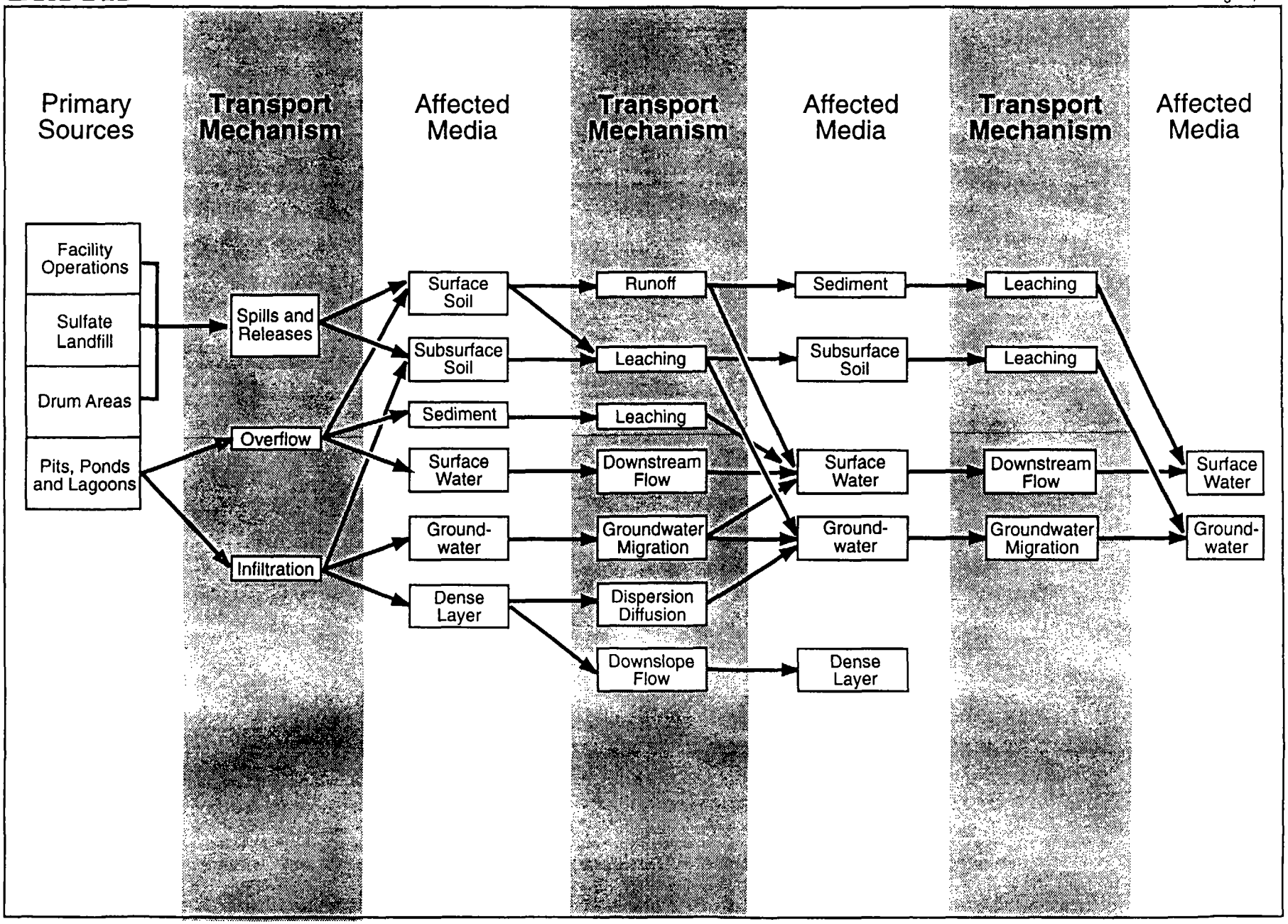
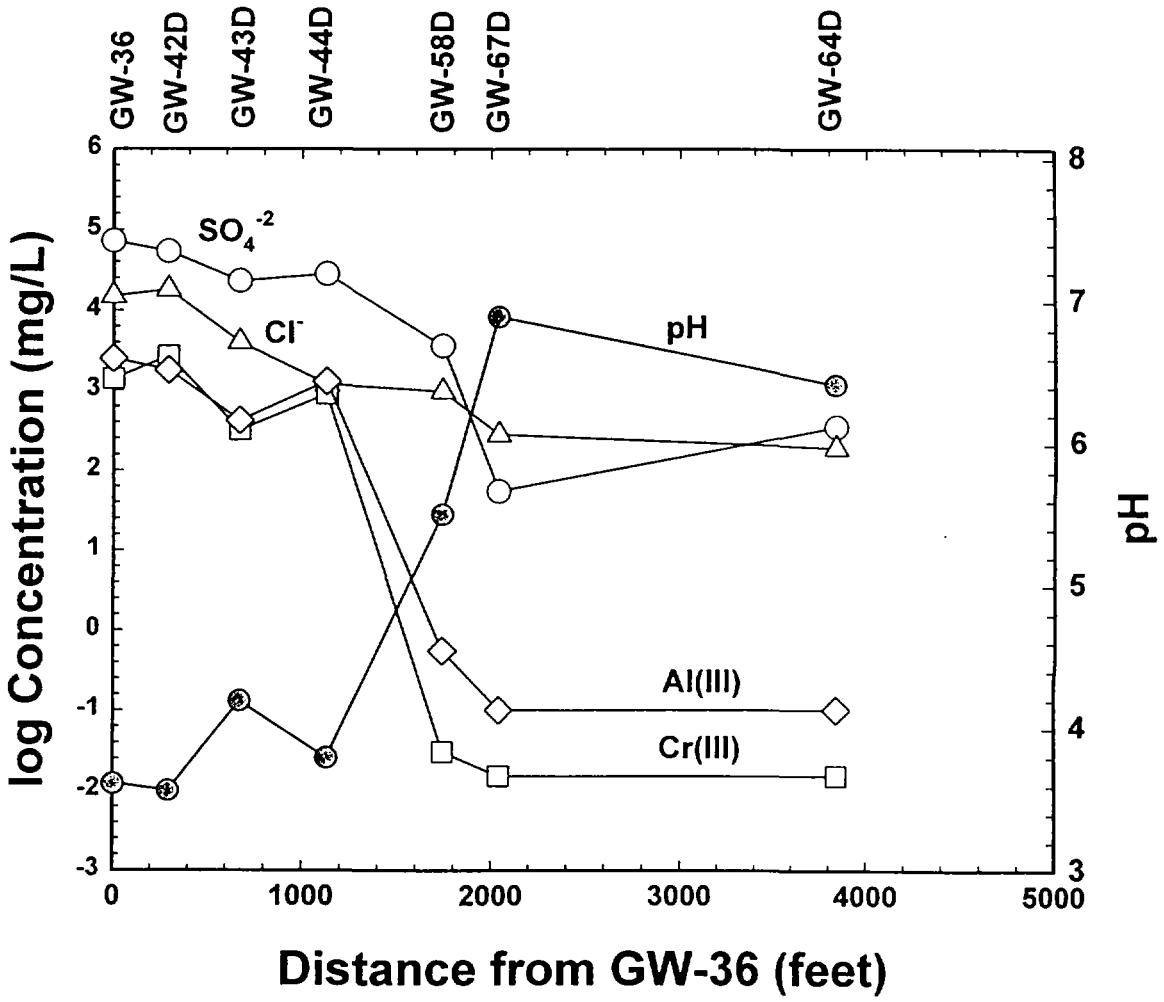


Smith Technology Project No. 00-7074-0102

Figure 5-1
Migration Pathways: Transport Mechanisms and Affected Media

Figure 5-2

Changes in Concentration in the Dense Layer with Distance from Source(s)



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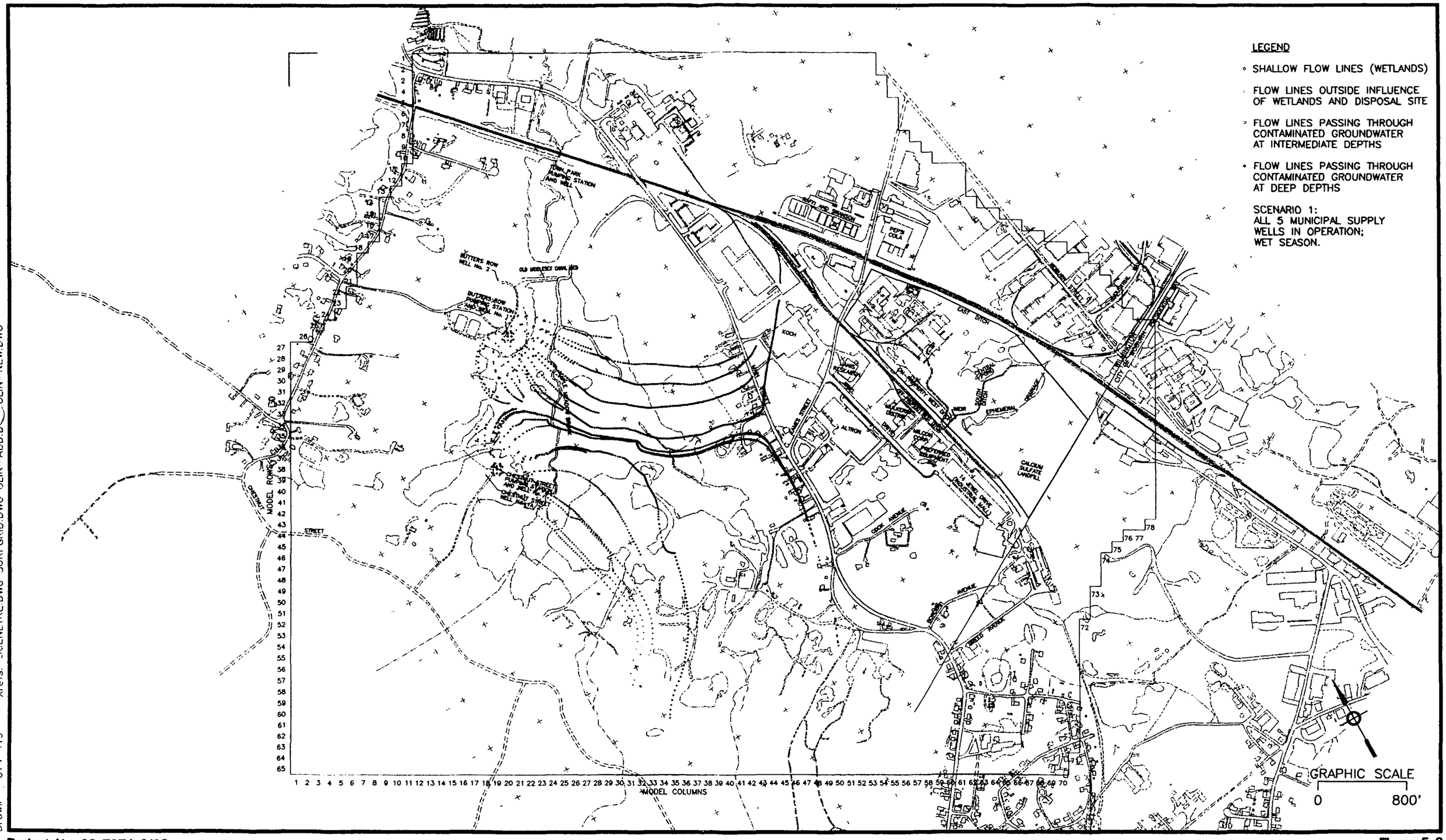

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Figure 5-3
Particle Tracking Results for Scenario 1

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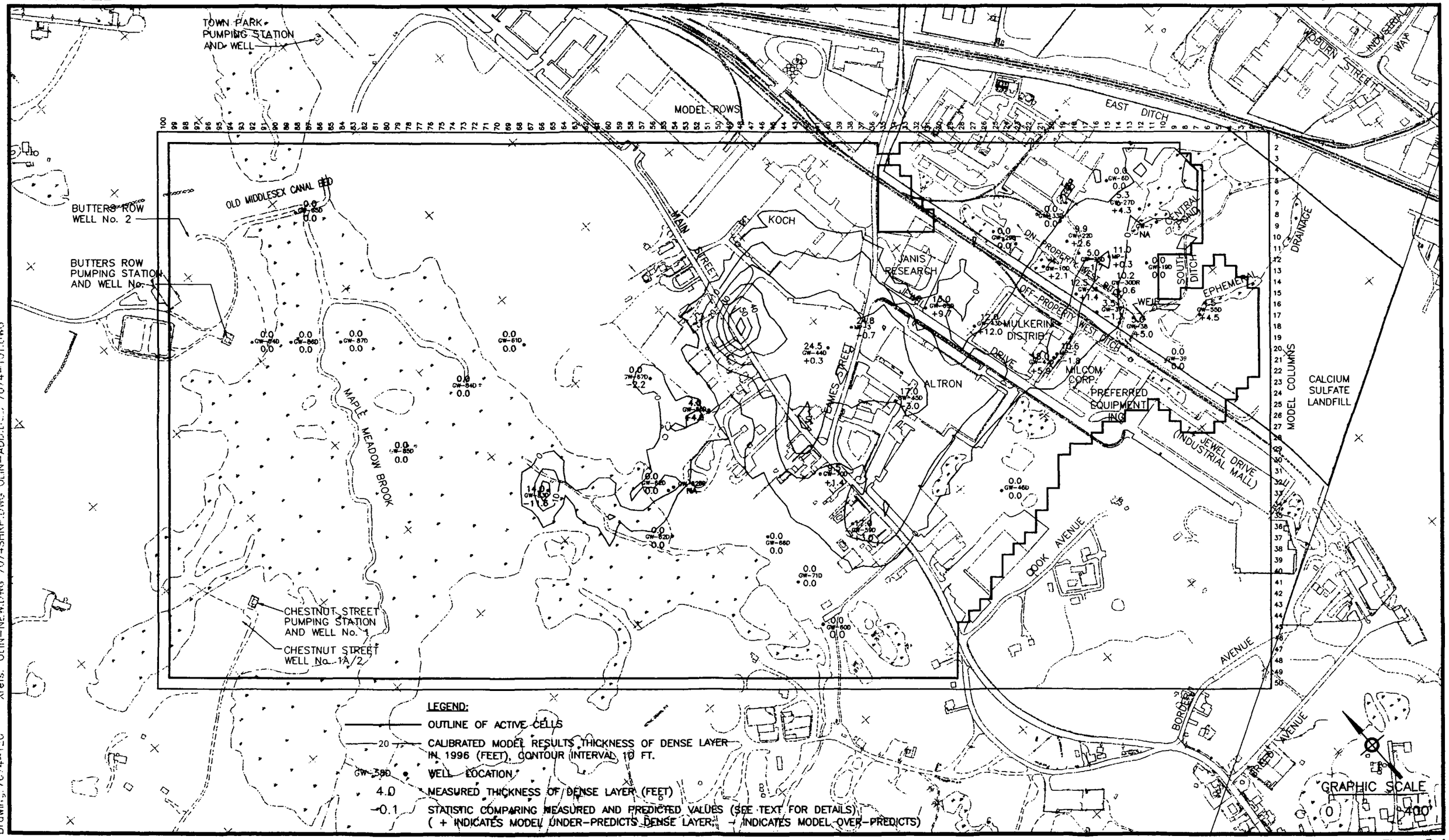

Figure 5-4
Calibrated Model Output, Sharp-Interface Modeling

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Drawing: 7074-120 Xrefs: OLIN-NEW.DWG 7074SHRP.DWG OLIN-ADD.DWG

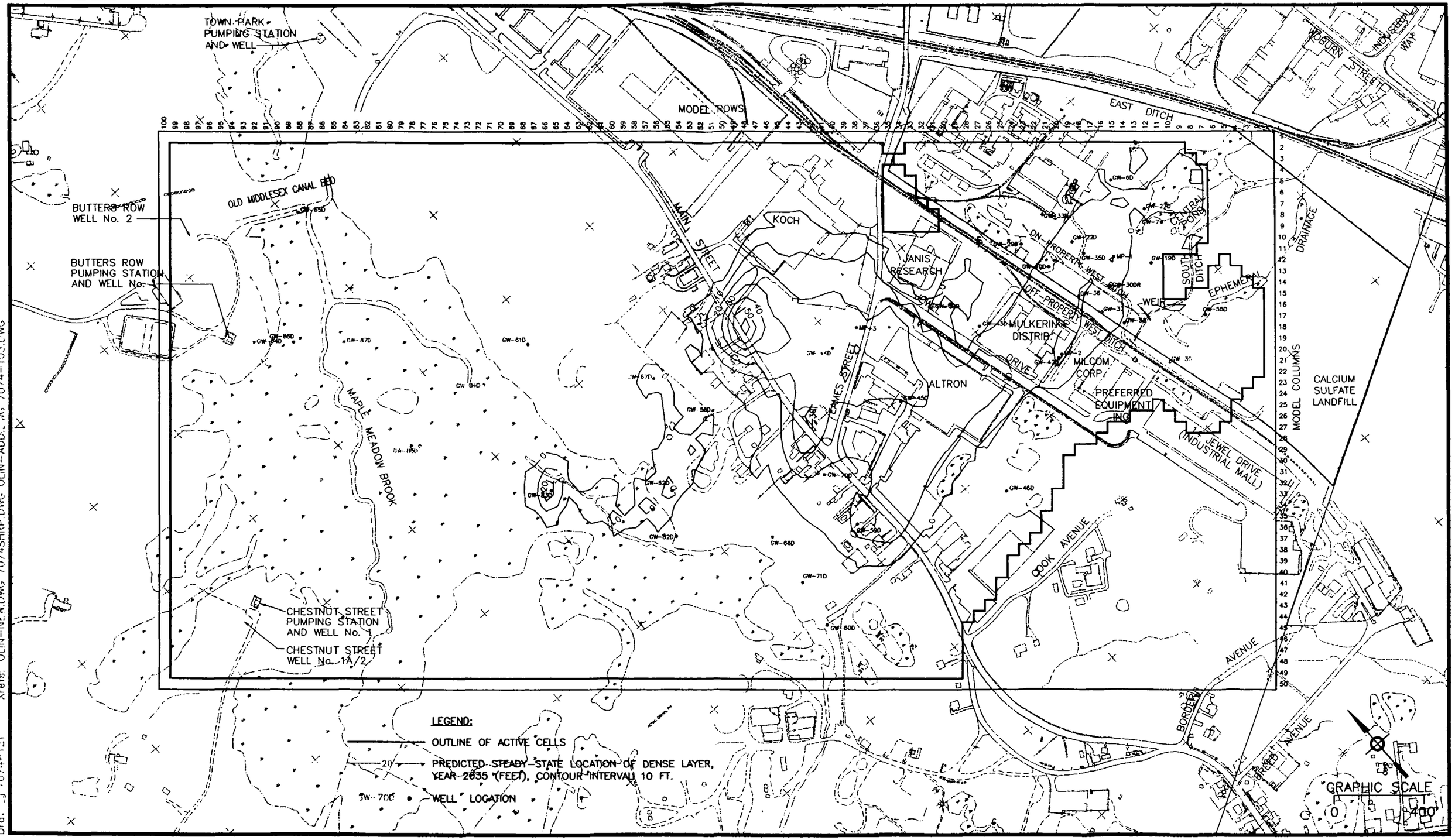

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Figure 5-5
Calibrated Steady-State Location of Dense Layer, Sharp-Interface Modeling

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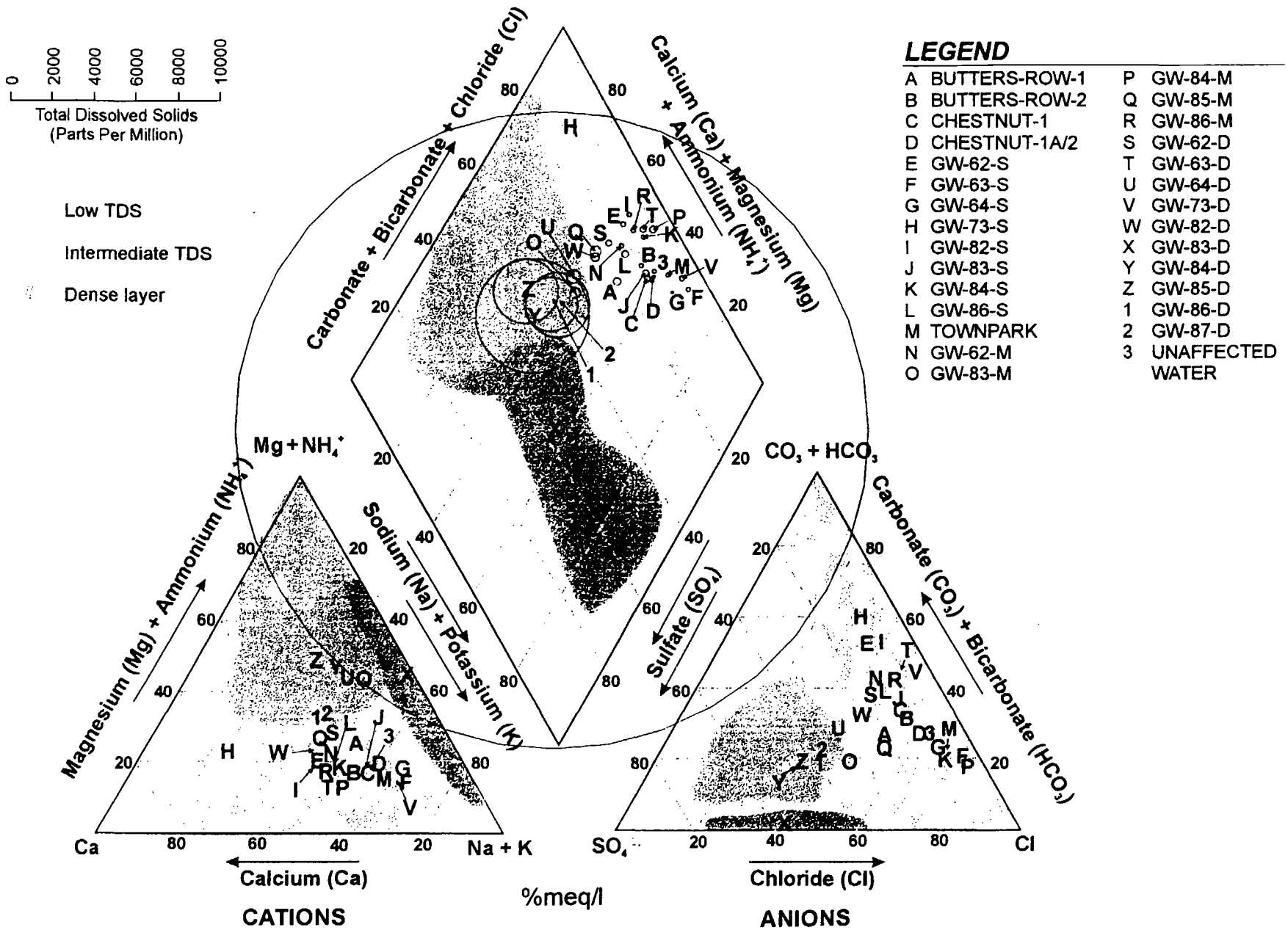
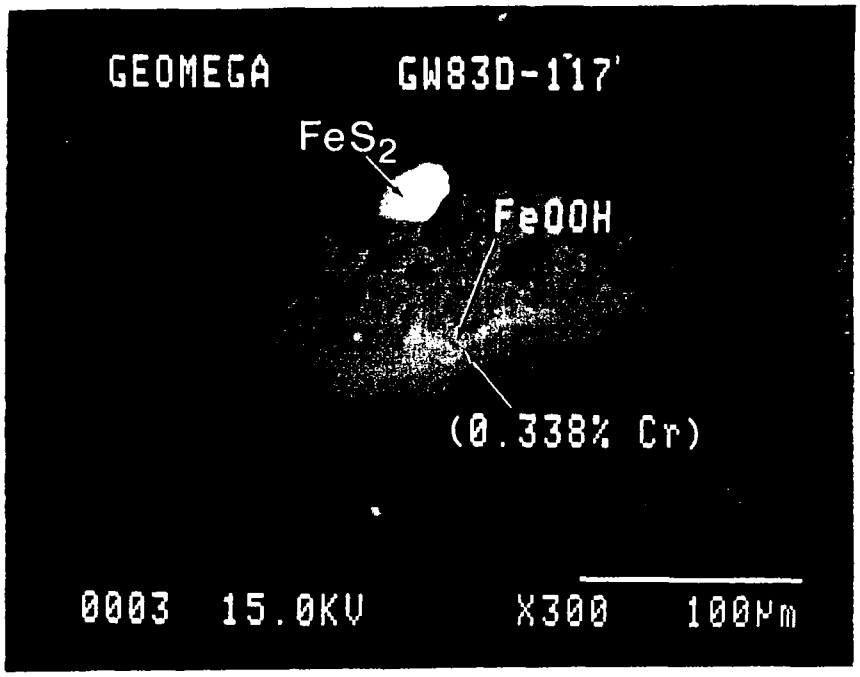


Figure 5-6 . Piper Diagram Showing the Average Chemical Composition of Maple Meadow Brook Monitoring Wells and Town Pumping Wells.

a



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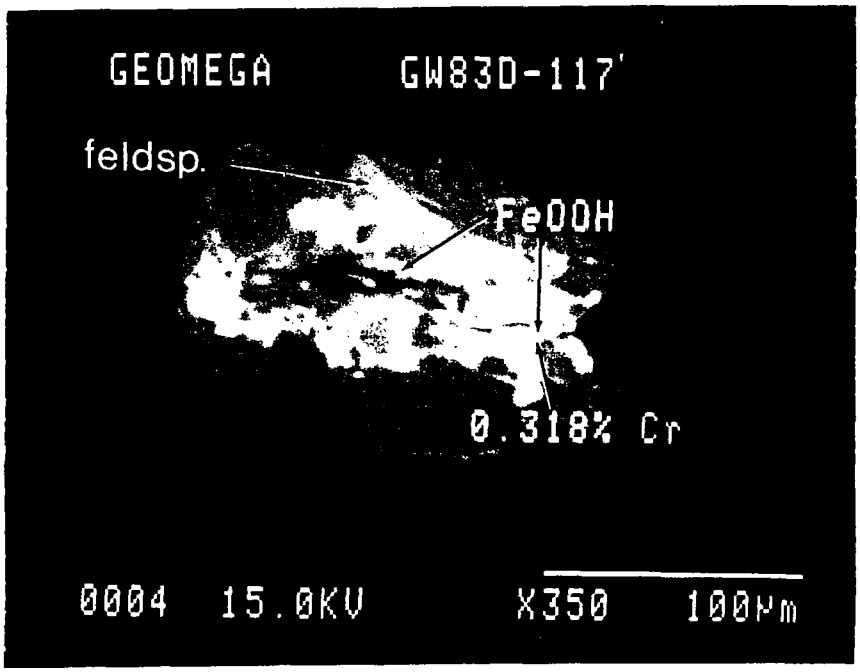

Figure 5-7 Electron Microprobe Images of Aquifer Material from GW-83D (117 ft.) Showing (a) Fe (III) oxyhydroxide solid phase containing up to 0.338 weight percent Cr (III) and presence of a pyrite grain (FeS_2) representing a potential nucleation site for Fe (III) precipitation, and (b) Fe (III) oxyhydroxide solid phase containing up to 0.318 weight percent Cr (III).

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