

US EPA ARCHIVE DOCUMENT

Table 6
COMPARISON TO CLEANUP STANDARDS FOR PCBs
DETECTED IN SOIL

Centredale Manor Apartments
Centredale, Rhode Island

PCB's (1336-36-3)		Comparison to Standards (ppm)					
Site Id	Sample ID	Depth	Date	Result	Units	Method	RESIDENTIAL 10
CMS-147	CMS-147-C	2.50	06/24/1999	1300.0	mg/kg	8082	X
CMS-420	CMS-420-D	3.50	07/02/1999	860.0	mg/kg	8082	X
CMS-154	CMS-154-B	1.50	06/22/1999	700.0J	mg/kg	8082	X
CMS-155	CMS-155-A	0.50	06/22/1999	560.0J	mg/kg	8082	X
CMS-419	CMS-419-B	1.50	07/07/1999	490.0	mg/kg	8082	X
CMS-402	CMS-402-C	2.50	06/22/1999	420.0J	mg/kg	8082	X
CMS-147	CMS-147-B	1.50	06/24/1999	350.0	mg/kg	8082	X
CMS-417	CMS-417-A	0.50	06/24/1999	320.0	mg/kg	8082	X
CMS-432	CMS-432-D	3.50	07/09/1999	280.0	mg/kg	8082	X
CMS-410	CMS-410-A	0.50	06/24/1999	230.0	mg/kg	8082	X
CMS-140	CMS-140-A	0.50	06/24/1999	190.0	mg/kg	8082	X
CMS-410	CMS-410-C	2.50	06/24/1999	180.0	mg/kg	8082	X
CMS-422	CMS-422-B	1.50	07/02/1999	160.0	mg/kg	8082	X
CMS-156	CMS-156-A	0.50	06/24/1999	130.0J	mg/kg	8082	X
CMS-238	CMS-238-A	0.50	06/23/1999	86.0	mg/kg	8082	X
CMS-420	CMS-420-C	2.50	07/02/1999	75.0	mg/kg	8082	X
CMS-419	CMS-419-C	2.50	07/07/1999	58.0	mg/kg	8082	X
CMS-237	CMS-237-B	1.50	06/23/1999	56.0	mg/kg	8082	X
CMS-416	GP06-FD	1.50	06/25/1999	56.0J	mg/kg	8082	X
CMS-417	CMS-417-D	3.50	06/24/1999	46.0	mg/kg	8082	X
CMS-154	CMS-154-A	0.50	06/22/1999	44.0J	mg/kg	8082	X
CMS-421	CMS-421-B	1.50	07/08/1999	36.0	mg/kg	8082	X
CMS-239	CMS-239-A	0.50	06/23/1999	35.0	mg/kg	8082	X
CMS-425	CMS-425-C	2.50	07/08/1999	33.0	mg/kg	8082	X
CMS-239	CMS-239-B	1.50	06/23/1999	32.0	mg/kg	8082	X
CMS-410	CMS-410-E	4.50	06/24/1999	32.0J	mg/kg	8082	X
CMS-416	CMS-416-B	1.50	06/25/1999	32.0J	mg/kg	8082	X
CMS-089	CMS-089-C	2.50	06/28/1999	31.0	mg/kg	8082	X
CMS-426	CMS-426-B	1.50	07/07/1999	31.0J	mg/kg	8082	X
CMS-410	CMS-410-D	3.50	06/24/1999	29.0	mg/kg	8082	X
CMS-155	CMS-155-B	1.50	06/22/1999	28.0J	mg/kg	8082	X
CMS-607	CMS-607-A	0.25	09/29/1999	28.0	mg/kg	8082	X
CMS-417	CMS-417-B	1.50	06/24/1999	27.0	mg/kg	8082	X
CMS-419	CMS-419-A	0.50	07/07/1999	27.0	mg/kg	8082	X
CMS-606	CMS-606-A	0.25	09/29/1999	27.0	mg/kg	8082	X
CMS-153	CMS-153-C	2.50	06/22/1999	26.0J	mg/kg	8082	X
CMS-408	CMS-408-B	1.50	06/28/1999	23.0	mg/kg	8082	X
CMS-421	GP15-FD	1.50	07/08/1999	23.0	mg/kg	8082	X
CMS-427	CMS-427-E	4.50	07/06/1999	23.0	mg/kg	8082	X
CMS-427	CMS-427-F	5.50	07/06/1999	23.0	mg/kg	8082	X

NOTES:

J = The compound/analyte result is considered estimated based on quality assurance/quality control exceedance(s).

X = Denotes exceedance of applicable standard.

If the result is non-detect then it indicates the practical quantitation limit is higher than the standard and therefore the data cannot be used to assess if the actual concentration is below the standard.

RI Residential Standards Source:

Table 1 Direct Exposure Criteria, Remediation Regulations,

DEM-DSR-01-93, 31 March 1993, amended August 1996, Division of Site Remediation Department of Environmental Management, State of Rhode Island and Providence Plantation

PCB's
(1336-36-3)

(Continued)

Comparison to Standards (ppm)

RESIDENTIAL

Site Id	Sample ID	Depth	Date	Result	Units	Method	10
CMS-147	CMS-147-A	0.50	06/24/1999	22.0	mg/kg	8082	X
CMS-416	CMS-416-C	2.50	06/25/1999	21.0	mg/kg	8082	X
CMS-154	CMS-154-C	2.50	06/22/1999	19.0J	mg/kg	8082	X
CMS-405	GP04-FD	1.50	06/23/1999	19.0J	mg/kg	8082	X
CMS-421	CMS-421-C	2.50	07/08/1999	19.0	mg/kg	8082	X
CMS-426	CMS-426-C	2.50	07/07/1999	19.0	mg/kg	8082	X
CMS-427	CMS-427-B	1.50	07/06/1999	17.0	mg/kg	8082	X
CMS-607	AP01-FD	0.25	09/29/1999	17.0	mg/kg	8082	X
CMS-240	CMS-240-A	0.50	06/25/1999	16.0	mg/kg	8082	X
CMS-242	CMS-242-A	0.50	06/24/1999	16.0	mg/kg	8082	X
CMS-433	CMS-433-C	2.50	07/09/1999	16.0J	mg/kg	8082	X
CMS-428	CMS-428-A	0.50	07/20/1999	14.0	mg/kg	8082	X
CMS-089	CMS-089-B	1.50	06/28/1999	13.0	mg/kg	8082	X
CMS-152	CMS-152-C	2.50	06/21/1999	13.0J	mg/kg	8082	X
CMS-237	CMS-237-A	0.50	06/23/1999	13.0	mg/kg	8082	X
CMS-410	GP03-FD	4.50	06/24/1999	13.0J	mg/kg	8082	X
CMS-417	CMS-417-C	2.50	06/24/1999	13.0	mg/kg	8082	X
CMS-602	CMS-602-A	0.25	09/29/1999	13.0	mg/kg	8082	X
CMS-605	CMS-605-A	0.50	09/29/1999	13.0	mg/kg	8082	X
CMS-423	CMS-423-D	3.50	07/07/1999	12.0	mg/kg	8082	X
CMS-426	GP14-FD	1.50	07/07/1999	11.0J	mg/kg	8082	X
CMS-619	CMS-619-A	0.25	10/01/1999	11.0	mg/kg	8082	X
CMS-410	CMS-410-B	1.50	06/24/1999	9.6	mg/kg	8082	
CMS-152	CMS-152-A	0.50	06/21/1999	9.5J	mg/kg	8082	
CMS-148	CMS-148-A	0.50	06/24/1999	9.3	mg/kg	8082	
CMS-616	CMS-616-A	0.25	09/29/1999	9.2	mg/kg	8082	
AD-04	AD01-FD	0.50	07/19/1999	9.1	mg/kg	8082	
AD-04	AD-04-A	0.50	07/19/1999	9.1	mg/kg	8082	
CMS-423	GP13-FD	3.50	07/07/1999	9.1	mg/kg	8082	
CMS-634	CMS-634-A	0.25	10/05/1999	8.9	mg/kg	8082	
CMS-237	CMS-237-C	2.50	06/23/1999	8.5	mg/kg	8082	
CMS-427	CMS-427-A	0.50	07/06/1999	7.7	mg/kg	8082	
CMS-608	CMS-608-A	0.25	09/29/1999	7.3	mg/kg	8082	
CMS-425	CMS-425-A	0.50	07/08/1999	7.1	mg/kg	8082	
CMS-430	CMS-430-B	1.50	07/09/1999	7.0J	mg/kg	8082	
CMS-456	CMS-456-B	1.50	07/20/1999	7.0J	mg/kg	8082	
CMS-400	CMS-400-B	1.50	06/21/1999	6.9J	mg/kg	8082	
CMS-400	CMS-400-C	2.50	06/21/1999	6.9J	mg/kg	8082	
CMS-433	CMS-433-A	0.50	07/09/1999	6.6J	mg/kg	8082	
CMS-401	CMS-401-B	1.50	06/22/1999	6.0J	mg/kg	8082	
CMS-430	CMS-430-A	0.50	07/09/1999	5.9J	mg/kg	8082	
CMS-454	CMS-454-D	3.50	07/21/1999	5.0J	mg/kg	8082	
CMS-402	CMS-402-D	3.50	06/22/1999	4.9J	mg/kg	8082	
CMS-412	CMS-412-B	1.50	06/25/1999	4.9	mg/kg	8082	
CMS-238	CMS-238-B	1.50	06/23/1999	4.8J	mg/kg	8082	
CMS-419	CMS-419-G	6.50	07/07/1999	4.5	mg/kg	8082	
CMS-159	CMS-159-A	0.50	07/01/1999	4.1	mg/kg	8082	
CMS-170	CMS-170-A	0.50	06/24/1999	4.0	mg/kg	8082	
CMS-426	CMS-426-A	0.50	07/07/1999	4.0	mg/kg	8082	
CMS-118	CMS-118-C	2.50	06/30/1999	3.7	mg/kg	8082	

NOTES:

J = The compound/analyte result is considered estimated based on quality assurance/quality control exceedance(s).

X = Denotes exceedance of applicable standard.

If the result is non-detect then it indicates the practical quantitation limit is higher than the standard and therefore the data cannot be used to assess if the actual concentration is below the standard.

RI Residential Standards Source:

Table 1 Direct Exposure Criteria, Remediation Regulations,

DEM-DSR-01-93, 31 March 1993, amended August 1996, Division of Site Remediation Department of Environmental Management,
State of Rhode Island and Providence Plantations

PCB's
(1336-36-3)

(Continued)

Comparison to Standards (ppm)

RESIDENTIAL

10

Site Id	Sample ID	Depth	Date	Result	Units	Method
CMS-162	HA01-FD	0.50	06/22/1999	3.7J	mg/kg	8082
CMS-241	CMS-241-A	0.50	06/25/1999	3.6	mg/kg	8082
CMS-416	CMS-416-A	0.50	06/25/1999	3.6	mg/kg	8082
CMS-177	CMS-177-A	0.50	06/25/1999	3.5	mg/kg	8082
CMS-422	CMS-422-C	2.50	07/02/1999	3.3	mg/kg	8082
CMS-423	CMS-423-B	1.50	07/07/1999	3.3J	mg/kg	8082
CMS-411	CMS-411-C	2.50	06/24/1999	3.2J	mg/kg	8082
CMS-400	CMS-400-D	3.50	06/21/1999	3.1J	mg/kg	8082
CMS-601	CMS-601-A	0.25	09/29/1999	3.0	mg/kg	8082
CMS-617	CMS-617-A	0.25	10/01/1999	3.0	mg/kg	8082
CMS-413	CMS-413-A	0.50	06/25/1999	2.9J	mg/kg	8082
CMS-422	CMS-422-D	3.50	07/02/1999	2.9	mg/kg	8082
CMS-431	CMS-431-C	2.50	07/09/1999	2.9	mg/kg	8082
CMS-164	CMS-164-A	0.50	06/22/1999	2.8J	mg/kg	8082
CMS-605	CMS-605-E	4.50	09/29/1999	2.7	mg/kg	8082
CMS-162	CMS-162-A	0.50	06/22/1999	2.6J	mg/kg	8082
CMS-432	CMS-432-B	1.50	07/09/1999	2.6J	mg/kg	8082
CMS-431	CMS-431-B	1.50	07/09/1999	2.5J	mg/kg	8082
CMS-155	CMS-155-D	3.50	07/02/1999	2.4	mg/kg	8082
CMS-131	CMS-131-B	1.50	06/25/1999	2.3	mg/kg	8082
CMS-242	CMS-242-B	1.50	06/24/1999	2.3J	mg/kg	8082
CMS-406	CMS-406-B	1.50	06/29/1999	2.3J	mg/kg	8082
CMS-089	CMS-089-D	3.50	06/28/1999	2.2J	mg/kg	8082
CMS-410	CMS-410-F	5.50	06/24/1999	2.2	mg/kg	8082
CMS-162	GP12-FD	3.50	07/02/1999	2.1J	mg/kg	8082
CMS-162	CMS-162-D	3.50	07/02/1999	2.1	mg/kg	8082
CMS-413	CMS-413-B	1.50	06/25/1999	2.1J	mg/kg	8082
CMS-152	CMS-152-B	1.50	06/21/1999	1.9J	mg/kg	8082
CMS-407	CMS-407-B	1.50	06/28/1999	1.9J	mg/kg	8082
CMS-409	CMS-409-A	0.50	06/23/1999	1.9	mg/kg	8082
CMS-433	CMS-433-D	3.50	07/09/1999	1.9	mg/kg	8082
CMS-171	CMS-171-A	0.50	06/24/1999	1.8	mg/kg	8082
CMS-404	GP02-FD	0.50	06/22/1999	1.8J	mg/kg	8082
CMS-425	CMS-425-D	3.50	07/08/1999	1.8J	mg/kg	8082
CMS-168	CMS-168-A	0.50	06/25/1999	1.7	mg/kg	8082
CMS-414	CMS-414-A	0.50	06/25/1999	1.7J	mg/kg	8082
CMS-425	CMS-425-B	1.50	07/08/1999	1.7	mg/kg	8082
CMS-611	CMS-611-A	0.25	09/30/1999	1.7J	mg/kg	8082
CMS-618	CMS-618-A	0.25	10/01/1999	1.7	mg/kg	8082
CMS-155	CMS-155-F	5.50	07/02/1999	1.6	mg/kg	8082
CMS-404	CMS-404-A	0.50	06/22/1999	1.6J	mg/kg	8082
CMS-413	CMS-413-C	2.50	06/25/1999	1.6J	mg/kg	8082
CMS-431	CMS-431-A	0.50	07/09/1999	1.6J	mg/kg	8082
CMS-432	GP16-FD	1.50	07/09/1999	1.6Ja	mg/kg	8082
CMS-448	CMS-448-H	7.50	07/20/1999	1.6J	mg/kg	8082
CMS-238	HA02-FD	1.50	06/23/1999	1.5J	mg/kg	8082
CMS-409	CMS-409-C	2.50	06/23/1999	1.4	mg/kg	8082
CMS-456	CMS-456-A	0.50	07/20/1999	1.4	mg/kg	8082
CMS-600	CMS-600-A	0.25	09/29/1999	1.4J	mg/kg	8082
CMS-405	CMS-405-B	1.50	06/23/1999	1.3J	mg/kg	8082

NOTES:

J = The compound/analyte result is considered estimated based on quality assurance/quality control exceedance(s).

X = Denotes exceedance of applicable standard.

If the result is non-detect then it indicates the practical quantitation limit is higher than the standard and therefore the data cannot be used to assess if the actual concentration is below the standard.

RI Residential Standards Source:

Table 1 Direct Exposure Criteria, Remediation Regulations,

DEM-DSR-01-93, 31 March 1993, amended August 1996, Division of Site Remediation Department of Environmental Management, State of Rhode Island and Providence Plantations

PCB's
(1336-36-3)

(Continued)

Comparison to Standards (ppm)
RESIDENTIAL

Site Id	Sample ID	Depth	Date	Result	Units	Method	10
CMS-408	CMS-408-C	2.50	06/28/1999	1.3J	mg/kg	8082	
CMS-409	CMS-409-B	1.50	06/23/1999	1.3J	mg/kg	8082	
CMS-134	CMS-134-A	0.50	06/24/1999	1.2	mg/kg	8082	
CMS-424	CMS-424-B	1.50	07/02/1999	1.2	mg/kg	8082	
CMS-426	CMS-426-G	6.50	07/07/1999	1.2J	mg/kg	8082	
CMS-615	CMS-615-A	0.50	09/29/1999	1.2J	mg/kg	8082	
CMS-118	CMS-118-B	1.50	06/30/1999	1.1	mg/kg	8082	
CMS-131	CMS-131-A	0.50	06/25/1999	1.1	mg/kg	8082	
CMS-141	CMS-141-A	0.50	06/24/1999	1.1	mg/kg	8082	
CMS-175	CMS-175-C	2.50	06/25/1999	1.1J	mg/kg	8082	
CMS-421	CMS-421-A	0.50	07/08/1999	1.1	mg/kg	8082	
CMS-423	CMS-423-F	5.50	07/07/1999	1.1	mg/kg	8082	
CMS-429	CMS-429-B	1.50	07/08/1999	1.1	mg/kg	8082	
CMS-162	CMS-162-C	2.50	06/22/1999	1.0J	mg/kg	8082	
CMS-420	GP11-FD	1.50	07/02/1999	0.98J	mg/kg	8082	
CMS-411	CMS-411-D	3.50	06/24/1999	0.95J	mg/kg	8082	
AD-05	AD-05-A	0.50	07/20/1999	0.91	mg/kg	8082	
CMS-455	GP17-FD	5.50	07/19/1999	0.91J	mg/kg	8082	
CMS-160	CMS-160-A	0.50	06/23/1999	0.86J	mg/kg	8082	
CMS-192	CMS-192-A	0.50	06/30/1999	0.84J	mg/kg	8082	
CMS-451	CMS-451-F	5.50	07/20/1999	0.84	mg/kg	8082	
CMS-629	CMS-629-A	0.25	10/01/1999	0.83	mg/kg	8082	
CMS-455	CMS-455-F	5.50	07/19/1999	0.82	mg/kg	8082	
CMS-402	CMS-402-E	4.50	06/22/1999	0.8J	mg/kg	8082	
CMS-419	CMS-419-E	4.50	07/07/1999	0.8	mg/kg	8082	
CMS-605	CMS-605-C	2.50	09/29/1999	0.8	mg/kg	8082	
CMS-404	CMS-404-B	1.50	06/22/1999	0.78	mg/kg	8082	
CMS-415	CMS-415-A	0.50	06/25/1999	0.77	mg/kg	8082	
CMS-142	CMS-142-A	0.50	06/28/1999	0.76J	mg/kg	8082	
CMS-626	CMS-626-A	0.25	10/01/1999	0.76J	mg/kg	8082	
CMS-175	CMS-175-A	0.50	06/25/1999	0.75J	mg/kg	8082	
CMS-454	CMS-454-E	4.50	07/21/1999	0.73J	mg/kg	8082	
CMS-405	CMS-405-D	3.50	06/23/1999	0.72	mg/kg	8082	
CMS-429	CMS-429-F	5.50	07/07/1999	0.71	mg/kg	8082	
CMS-118	CMS-118-A	0.50	06/30/1999	0.7	mg/kg	8082	
CMS-426	CMS-426-D	3.50	07/07/1999	0.7	mg/kg	8082	
CMS-428	GP18-FD	2.50	07/20/1999	0.68J	mg/kg	8082	
CMS-631	CMS-631-A	0.25	10/05/1999	0.66	mg/kg	8082	
CMS-162	CMS-162-B	1.50	06/22/1999	0.65J	mg/kg	8082	
CMS-215	CMS-215-A	0.50	06/30/1999	0.65J	mg/kg	8082	
CMS-452	CMS-452-E	4.50	07/21/1999	0.65J	mg/kg	8082	
CMS-406	CMS-406-C	2.50	06/29/1999	0.63	mg/kg	8082	
CMS-153	CMS-153-A	0.50	06/22/1999	0.6J	mg/kg	8082	
CMS-142	GP07-FD	0.50	06/28/1999	0.59	mg/kg	8082	
CMS-624	CMS-624-A	0.25	10/01/1999	0.59	mg/kg	8082	
CMS-153	CMS-153-B	1.50	06/22/1999	0.58J	mg/kg	8082	
CMS-432	CMS-432-A	0.50	07/09/1999	0.57J	mg/kg	8082	
CMS-603	CMS-603-A	0.25	09/30/1999	0.56	mg/kg	8082	
CMS-060	GP09-FD	0.50	06/30/1999	0.55	mg/kg	8082	
CMS-414	CMS-414-D	3.50	06/25/1999	0.55J	mg/kg	8082	

NOTES:

J = The compound/analyte result is considered estimated based on quality assurance/quality control exceedance(s).

X = Denotes exceedance of applicable standard.

If the result is non-detect then it indicates the practical quantitation limit is higher than the standard and therefore the data cannot be used to assess if the actual concentration is below the standard.

RI Residential Standards Source:

Table 1 Direct Exposure Criteria, Remediation Regulations,
DEM-DSR-01-93, 31 March 1993, amended August 1996, Division of Site Remediation Department of Environmental Management,
State of Rhode Island and Providence Plantations

PCB's
(1336-36-3)

(Continued)

Comparison to Standards (ppm)
RESIDENTIAL

Site Id	Sample ID	Depth	Date	Result	Units	Method	10
CMS-153	CMS-153-D	3.50	06/22/1999	0.54J	mg/kg	8082	
CMS-426	CMS-426-H	7.50	07/07/1999	0.54J	mg/kg	8082	
CMS-611	AP02-FD	0.25	09/30/1999	0.54J	mg/kg	8082	
CMS-625	CMS-625-A	0.25	10/01/1999	0.54	mg/kg	8082	
CMS-175	CMS-175-B	1.50	06/25/1999	0.51J	mg/kg	8082	
CMS-455	CMS-455-H	7.50	07/19/1999	0.51J	mg/kg	8082	
CMS-628	CMS-628-A	0.50	09/29/1999	0.51J	mg/kg	8082	
CMS-131	CMS-131-C	2.50	06/25/1999	0.5J	mg/kg	8082	
CMS-168	CMS-168-B	1.50	06/25/1999	0.5J	mg/kg	8082	
CMS-454	CMS-454-C	2.50	07/21/1999	0.5J	mg/kg	8082	
CMS-098	CMS-098-A	0.50	06/28/1999	0.49J	mg/kg	8082	
CMS-169	CMS-169-A	0.50	06/25/1999	0.49J	mg/kg	8082	
CMS-401	CMS-401-D	3.50	06/22/1999	0.48J	mg/kg	8082	
CMS-414	CMS-414-C	2.50	06/25/1999	0.48J	mg/kg	8082	
CMS-455	CMS-455-J	9.50	07/19/1999	0.47J	mg/kg	8082	
CMS-450	CMS-450-F	5.50	07/21/1999	0.46J	mg/kg	8082	
CMS-623	CMS-623-A	0.25	10/05/1999	0.46J	mg/kg	8082	
CMS-420	CMS-420-B	1.50	07/02/1999	0.44J	mg/kg	8082	
CMS-427	CMS-427-G	6.50	07/06/1999	0.44	mg/kg	8082	
CMS-427	CMS-427-D	3.50	07/06/1999	0.41J	mg/kg	8082	
CMS-173	CMS-173-A	0.50	06/28/1999	0.38J	mg/kg	8082	
CMS-420	CMS-420-A	0.50	07/02/1999	0.38J	mg/kg	8082	
CMS-419	CMS-419-H	7.50	07/07/1999	0.36	mg/kg	8082	
CMS-400	CMS-400-A	0.50	06/21/1999	0.35J	mg/kg	8082	
CMS-402	CMS-402-A	0.50	06/22/1999	0.35	mg/kg	8082	
CMS-632	CMS-632-A	0.25	10/05/1999	0.35	mg/kg	8082	
CMS-401	CMS-401-C	2.50	06/22/1999	0.33J	mg/kg	8082	
CMS-403	CMS-403-A	0.50	06/22/1999	0.33	mg/kg	8082	
CMS-613	CMS-613-A	0.25	09/30/1999	0.33	mg/kg	8082	
CMS-426	CMS-426-E	4.50	07/07/1999	0.32	mg/kg	8082	
CMS-630	CMS-630-A	0.25	10/01/1999	0.32	mg/kg	8082	
CMS-060	CMS-060-A	0.50	06/30/1999	0.31J	mg/kg	8082	
CMS-703	CMS-703-A	0.50	11/05/1999	0.3	mg/kg	8082	
CMS-160	CMS-160-C	2.50	06/23/1999	0.29J	mg/kg	8082	
CMS-161	CMS-161-A	0.50	06/23/1999	0.29J	mg/kg	8082	
CMS-610	CMS-610-A	0.25	10/01/1999	0.29	mg/kg	8082	
CMS-614	CMS-614-A	0.25	09/29/1999	0.28J	mg/kg	8082	
CMS-622	CMS-622-A	0.25	10/05/1999	0.28	mg/kg	8082	
CMS-422	CMS-422-A	0.50	07/02/1999	0.26	mg/kg	8082	
CMS-060	CMS-060-B	1.50	06/30/1999	0.25	mg/kg	8082	
CMS-089	CMS-089-A	0.50	06/28/1999	0.25J	mg/kg	8082	
CMS-168	CMS-168-C	2.50	06/25/1999	0.25J	mg/kg	8082	
CMS-419	CMS-419-D	3.50	07/07/1999	0.25	mg/kg	8082	
CMS-118	CMS-118-D	3.50	06/30/1999	0.24J	mg/kg	8082	
CMS-170	CMS-170-B	1.50	06/24/1999	0.24J	mg/kg	8082	
CMS-453	CMS-453-G	6.50	07/21/1999	0.24J	mg/kg	8082	
CMS-060	CMS-060-E	4.50	06/30/1999	0.23	mg/kg	8082	
CMS-621	CMS-621-A	0.25	10/01/1999	0.23	mg/kg	8082	
CMS-415	CMS-415-B	1.50	06/25/1999	0.22J	mg/kg	8082	
CMS-609	CMS-609-A	0.25	09/29/1999	0.22	mg/kg	8082	

NOTES:

J = The compound/analyte result is considered estimated based on quality assurance/quality control exceedance(s).

X = Denotes exceedance of applicable standard.

If the result is non-detect then it indicates the practical quantitation limit is higher than the standard and therefore the data cannot be used to assess if the actual concentration is below the standard.

RI Residential Standards Source:

Table 1 Direct Exposure Criteria, Remediation Regulations,

DEM-DSR-01-93, 31 March 1993, amended August 1996, Division of Site Remediation Department of Environmental Management, State of Rhode Island and Providence Plantation

PCB's
(1336-36-3)

(Continued)

Comparison to Standards (ppm)

RESIDENTIAL

Site Id	Sample ID	Depth	Date	Result	Units	Method	10
CMS-418	CMS-418-A	0.50	06/30/1999	0.21	mg/kg	8082	
CMS-428	CMS-428-C	2.50	07/20/1999	0.21J	mg/kg	8082	
AD-04	AD-04-B	2.50	07/19/1999	0.2J	mg/kg	8082	
CMS-155	CMS-155-E	4.50	07/02/1999	0.2J	mg/kg	8082	
CMS-403	CMS-403-B	1.50	06/22/1999	0.2	mg/kg	8082	
CMS-418	CMS-418-B	1.50	06/30/1999	0.2	mg/kg	8082	
CMS-432	CMS-432-C	2.50	07/09/1999	0.2	mg/kg	8082	
CMS-241	CMS-241-B	1.50	06/25/1999	0.19J	mg/kg	8082	
CMS-605	CMS-605-B	1.50	09/29/1999	0.19	mg/kg	8082	
CMS-612	CMS-612-A	0.25	09/30/1999	0.19	mg/kg	8082	
CMS-450	CMS-450-G	6.50	07/21/1999	0.18J	mg/kg	8082	
CMS-175	CMS-175-D	3.50	06/25/1999	0.17	mg/kg	8082	
CMS-405	CMS-405-C	2.50	06/23/1999	0.16J	mg/kg	8082	
CMS-429	CMS-429-A	0.50	07/08/1999	0.16J	mg/kg	8082	
CMS-454	CMS-454-B	1.50	07/21/1999	0.16J	mg/kg	8082	
CMS-621	AP03-FD	0.25	10/01/1999	0.16	mg/kg	8082	
CMS-703	CMS-703-B	1.50	11/05/1999	0.16J	mg/kg	8082	
CMS-627	CMS-627-A	0.25	10/05/1999	0.15	mg/kg	8082	
CMS-161	CMS-161-B	1.50	06/23/1999	0.14	mg/kg	8082	
CMS-170	HA03-FD	1.50	06/24/1999	0.14J	mg/kg	8082	
CMS-702	CMS-702-B	1.50	11/05/1999	0.14	mg/kg	8082	
CMS-424	CMS-424-C	2.50	07/02/1999	0.13	mg/kg	8082	
CMS-429	CMS-429-D	3.50	07/08/1999	0.13J	mg/kg	8082	
CMS-453	CMS-453-D	3.50	07/21/1999	0.13J	mg/kg	8082	
CMS-424	CMS-424-A	0.50	07/02/1999	0.12	mg/kg	8082	
CMS-424	CMS-424-F	5.50	07/02/1999	0.12	mg/kg	8082	
CMS-453	GP19-FD	3.50	07/21/1999	0.11J	mg/kg	8082	
CMS-605	CMS-605-D	3.50	09/29/1999	0.11	mg/kg	8082	
CMS-131	CMS-131-D	3.50	06/25/1999	0.098J	mg/kg	8082	
CMS-423	CMS-423-C	2.50	07/07/1999	0.094	mg/kg	8082	
CMS-449	CMS-449-E	4.50	07/20/1999	0.093J	mg/kg	8082	
CMS-633	CMS-633-A	0.25	10/05/1999	0.093	mg/kg	8082	
CMS-424	CMS-424-D	3.50	07/02/1999	0.089	mg/kg	8082	
CMS-412	CMS-412-A	0.50	06/25/1999	0.087	mg/kg	8082	
CMS-153	GP01-FD	1.50	06/22/1999	0.085J	mg/kg	8082	
CMS-403	CMS-403-C	2.50	06/22/1999	0.085J	mg/kg	8082	
CMS-455	CMS-455-C	2.50	07/19/1999	0.084J	mg/kg	8082	
CMS-405	CMS-405-A	0.50	06/23/1999	0.083	mg/kg	8082	
CMS-427	CMS-427-C	2.50	07/06/1999	0.083	mg/kg	8082	
CMS-415	CMS-415-C	2.50	06/25/1999	0.082	mg/kg	8082	
CMS-452	GP20-FD	4.50	07/21/1999	0.08J	mg/kg	8082	
CMS-451	CMS-451-E	4.50	07/20/1999	0.078J	mg/kg	8082	
CMS-423	CMS-423-H	7.50	07/07/1999	0.077	mg/kg	8082	
CMS-448	CMS-448-G	6.50	07/20/1999	0.073J	mg/kg	8082	
CMS-423	CMS-423-G	6.50	07/07/1999	0.071	mg/kg	8082	
CMS-404	CMS-404-C	2.50	06/22/1999	0.07J	mg/kg	8082	
CMS-423	CMS-423-A	0.50	07/07/1999	0.067	mg/kg	8082	
CMS-406	CMS-406-A	0.50	06/29/1999	0.063	mg/kg	8082	
CMS-419	CMS-419-F	5.50	07/07/1999	0.062	mg/kg	8082	
CMS-409	GP05-FD	4.50	06/23/1999	0.059J	mg/kg	8082	

NOTES:

J = The compound/analyte result is considered estimated based on quality assurance/quality control exceedance(s).

X = Denotes exceedance of applicable standard.

If the result is non-detect then it indicates the practical quantitation limit is higher than the standard and therefore the data cannot be used to assess if the actual concentration is below the standard.

RI Residential Standards Source:

Table 1 Direct Exposure Criteria, Remediation Regulations,
DEM-DSR-01-93, 31 March 1993, amended August 1996, Division of Site Remediation Department of Environmental Management,
State of Rhode Island and Providence Plantation

PCB's
(1336-36-3)

(Continued)

Comparison to Standards (ppm)
RESIDENTIAL

Site Id	Sample ID	Depth	Date	Result	Units	Method	10
CMS-416	CMS-416-D	3.50	06/25/1999	0.056J	mg/kg	8082	
CMS-060	CMS-060-C	2.50	06/30/1999	0.051J	mg/kg	8082	
CMS-411	CMS-411-A	0.50	06/24/1999	0.051	mg/kg	8082	
CMS-628	CMS-628-B	1.50	09/29/1999	0.049J	mg/kg	8082	
CMS-620	CMS-620-A	0.25	10/01/1999	0.047J	mg/kg	8082	
CMS-448	CMS-448-F	5.50	07/20/1999	0.046J	mg/kg	8082	
CMS-454	CMS-454-F	5.50	07/21/1999	0.043J	mg/kg	8082	
CMS-408	CMS-408-A	0.50	06/28/1999	0.041J	mg/kg	8082	
CMS-118	CMS-118-E	4.50	06/30/1999	0.038J	mg/kg	8082	
CMS-615	CMS-615-B	1.25	09/29/1999	0.036J	mg/kg	8082	
CMS-160	CMS-160-B	1.50	06/23/1999	0.035J	mg/kg	8082	
CMS-449	CMS-449-G	6.50	07/20/1999	0.034J	mg/kg	8082	
CMS-448	CMS-448-I	8.50	07/20/1999	0.031J	mg/kg	8082	
CMS-448	CMS-448-J	9.50	07/20/1999	0.03J	mg/kg	8082	
CMS-424	CMS-424-H	7.50	07/02/1999	0.029J	mg/kg	8082	
CMS-402	CMS-402-B	1.50	06/22/1999	0.027J	mg/kg	8082	
CMS-451	CMS-451-G	6.50	07/20/1999	0.024J	mg/kg	8082	
CMS-701	BV01-FD	0.50	11/05/1999	0.024J	mg/kg	8082	
CMS-701	CMS-701-A	0.50	11/05/1999	0.023J	mg/kg	8082	
CMS-414	CMS-414-B	1.50	06/25/1999	0.022J	mg/kg	8082	
CMS-406	GP08-FD	1.50	06/29/1999	0.02J	mg/kg	8082	
CMS-453	CMS-453-E	4.50	07/21/1999	0.019J	mg/kg	8082	
CMS-449	CMS-449-F	5.50	07/20/1999	0.018J	mg/kg	8082	
CMS-428	CMS-428-D	3.50	07/20/1999	0.017J	mg/kg	8082	
CMS-448	CMS-448-E	4.50	07/20/1999	0.017J	mg/kg	8082	
CMS-427	CMS-427-H	7.50	07/06/1999	0.016J	mg/kg	8082	
CMS-628	CMS-628-C	2.50	09/29/1999	0.016J	mg/kg	8082	
CMS-450	CMS-450-J	9.50	07/21/1999	0.015J	mg/kg	8082	
AD-03	AD-03-A	0.50	07/20/1999	0.014J	mg/kg	8082	
CMS-450	CMS-450-I	8.50	07/21/1999	0.011J	mg/kg	8082	
CMS-604	CMS-604-A	0.25	10/01/1999	0.011J	mg/kg	8082	
CMS-628	CMS-628-D	3.50	09/29/1999	0.01J	mg/kg	8082	
CMS-423	CMS-423-E	4.50	07/07/1999	0.0074J	mg/kg	8082	
AD-01	AD-01-A	0.50	07/22/1999	< 0.034	mg/kg	8082	
AD-01	AD-01-B	9.50	07/22/1999	< 0.037	mg/kg	8082	
AD-01	AD-01-C	11.2	07/22/1999	< 0.036	mg/kg	8082	
AD-02	AD-02-A	0.50	07/21/1999	< 0.034	mg/kg	8082	
AD-02	AD-02-B	8.00	07/21/1999	< 0.038	mg/kg	8082	
AD-02	AD-02-C	11.5	07/21/1999	< 0.19	mg/kg	8082	
CMS-060	CMS-060-D	3.50	06/30/1999	< 0.045J	mg/kg	8082	
CMS-153	CMS-153-E	4.50	06/22/1999	< 0.39	mg/kg	8082	
CMS-153	CMS-153-F	5.50	06/22/1999	< 0.38	mg/kg	8082	
CMS-173	CMS-173-B	1.50	06/28/1999	< 0.052	mg/kg	8082	
CMS-400	CMS-400-E	4.50	06/21/1999	< 0.56	mg/kg	8082	
CMS-400	CMS-400-F	5.50	06/21/1999	< 3.9	mg/kg	8082	
CMS-401	CMS-401-A	0.50	06/22/1999	< 0.035J	mg/kg	8082	
CMS-402	CMS-402-F	5.50	06/22/1999	< 0.46	mg/kg	8082	
CMS-403	CMS-403-D	3.50	06/22/1999	< 0.55	mg/kg	8082	
CMS-403	CMS-403-E	4.50	06/22/1999	< 0.42	mg/kg	8082	
CMS-404	CMS-404-D	3.50	06/22/1999	< 0.48	mg/kg	8082	

NOTES:

J = The compound/analyte result is considered estimated based on quality assurance/quality control exceedance(s).

X = Denotes exceedance of applicable standard.

If the result is non-detect then it indicates the practical quantitation limit is higher than the standard and therefore the data cannot be used to assess if the actual concentration is below the standard.

RI Residential Standards Source:

Table 1 Direct Exposure Criteria, Remediation Regulations,
DEM-DSR-01-93, 31 March 1993, amended August 1996, Division of Site Remediation Department of Environmental Management,
State of Rhode Island and Providence Plantations

PCB's
(1336-36-J)

(Continued)

Comparison to Standards (ppm)
RESIDENTIAL

Site Id	Sample ID	Depth	Date	Result	Units	Method	10
CMS-404	CMS-404-E	4.50	06/22/1999	< 0.38	mg/kg	8082	
CMS-404	CMS-404-F	5.50	06/22/1999	< 0.36	mg/kg	8082	
CMS-405	CMS-405-E	4.50	06/23/1999	< 0.23	mg/kg	8082	
CMS-406	CMS-406-D	3.50	06/29/1999	< 6.0	mg/kg	8082	
CMS-407	CMS-407-A	0.50	06/28/1999	< 0.035	mg/kg	8082	
CMS-407	CMS-407-D	3.50	06/28/1999	< 0.42J	mg/kg	8082	
CMS-409	CMS-409-D	3.50	06/23/1999	< 0.45	mg/kg	8082	
CMS-409	CMS-409-E	4.50	06/23/1999	< 0.7	mg/kg	8082	
CMS-409	CMS-409-F	5.50	06/23/1999	< 0.037	mg/kg	8082	
CMS-411	CMS-411-B	1.50	06/24/1999	< 0.035	mg/kg	8082	
CMS-411	CMS-411-E	4.50	06/24/1999	< 0.82	mg/kg	8082	
CMS-412	CMS-412-C	2.50	06/25/1999	< 0.22	mg/kg	8082	
CMS-412	CMS-412-D	3.50	06/25/1999	< 0.48	mg/kg	8082	
CMS-415	CMS-415-D	3.50	06/25/1999	< 0.47	mg/kg	8082	
CMS-421	CMS-421-D	3.50	07/08/1999	< 0.97	mg/kg	8082	
CMS-421	CMS-421-E	4.50	07/08/1999	< 0.37	mg/kg	8082	
CMS-421	CMS-421-F	5.50	07/08/1999	< 0.92	mg/kg	8082	
CMS-421	CMS-421-G	6.50	07/08/1999	< 0.92	mg/kg	8082	
CMS-421	CMS-421-H	7.50	07/08/1999	< 0.37	mg/kg	8082	
CMS-424	CMS-424-E	4.50	07/02/1999	< 0.36	mg/kg	8082	
CMS-424	CMS-424-G	6.50	07/02/1999	< 0.39	mg/kg	8082	
CMS-425	CMS-425-E	4.50	07/08/1999	< 0.041	mg/kg	8082	
CMS-425	CMS-425-F	5.50	07/08/1999	< 0.37	mg/kg	8082	
CMS-425	CMS-425-G	6.50	07/08/1999	< 0.37	mg/kg	8082	
CMS-425	CMS-425-H	7.50	07/08/1999	< 0.38	mg/kg	8082	
CMS-426	CMS-426-F	5.50	07/07/1999	< 0.37	mg/kg	8082	
CMS-428	CMS-428-B	1.50	07/20/1999	< 0.035	mg/kg	8082	
CMS-428	CMS-428-E	4.50	07/20/1999	< 0.037	mg/kg	8082	
CMS-428	CMS-428-F	5.50	07/20/1999	< 0.037J	mg/kg	8082	
CMS-429	CMS-429-C	2.50	07/08/1999	< 0.43	mg/kg	8082	
CMS-429	CMS-429-E	4.50	07/08/1999	< 0.04	mg/kg	8082	
CMS-429	CMS-429-G	6.50	07/07/1999	< 0.38J	mg/kg	8082	
CMS-429	CMS-429-H	7.50	07/08/1999	< 0.37	mg/kg	8082	
CMS-430	CMS-430-C	2.50	07/09/1999	< 0.36	mg/kg	8082	
CMS-432	CMS-432-E	4.50	07/09/1999	< 0.39	mg/kg	8082	
CMS-433	CMS-433-B	1.50	07/09/1999	< 0.18	mg/kg	8082	
CMS-448	CMS-448-D	3.50	07/20/1999	< 0.036	mg/kg	8082	
CMS-449	CMS-449-H	7.50	07/20/1999	< 0.2	mg/kg	8082	
CMS-449	CMS-449-I	8.50	07/20/1999	< 0.038	mg/kg	8082	
CMS-449	CMS-449-J	9.50	07/20/1999	< 0.18	mg/kg	8082	
CMS-450	CMS-450-D	3.50	07/21/1999	< 0.11	mg/kg	8082	
CMS-450	CMS-450-E	4.50	07/21/1999	< 0.037	mg/kg	8082	
CMS-450	CMS-450-H	7.50	07/21/1999	< 0.37	mg/kg	8082	
CMS-451	CMS-451-H	7.50	07/20/1999	< 0.4	mg/kg	8082	
CMS-451	CMS-451-I	8.50	07/20/1999	< 0.42	mg/kg	8082	
CMS-451	CMS-451-J	9.50	07/20/1999	< 0.19	mg/kg	8082	
CMS-452	CMS-452-F	5.50	07/21/1999	< 0.041U	mg/kg	8082	
CMS-452	CMS-452-G	6.50	07/21/1999	< 0.046J	mg/kg	8082	
CMS-452	CMS-452-H	7.50	07/21/1999	< 0.035U	mg/kg	8082	
CMS-452	CMS-452-I	8.50	07/21/1999	< 0.039U	mg/kg	8082	

NOTES:

J = The compound/analyte result is considered estimated based on quality assurance/quality control exceedance(s).

X = Denotes exceedance of applicable standard.

If the result is non-detect then it indicates the practical quantitation limit is higher than the standard and therefore the data cannot be used to assess if the actual concentration is below the standard.

RI Residential Standards Source:

Table 1 Direct Exposure Criteria, Remediation Regulations,
DEM-DSR-01-93, 31 March 1993, amended August 1996, Division of Site Remediation Department of Environmental Management,
State of Rhode Island and Providence Plantation

PCB's
(1336-36-3)

(Continued)

Comparison to Standards (ppm)

RESIDENTIAL

Site Id	Sample ID	Depth	Date	Result	Units	Method	10
CMS-452	CMS-452-J	9.50	07/21/1999	< 0.038U	mg/kg	8082	
CMS-453	CMS-453-F	5.50	07/21/1999	< 0.043U	mg/kg	8082	
CMS-453	CMS-453-H	7.50	07/21/1999	< 0.037U	mg/kg	8082	
CMS-453	CMS-453-I	8.50	07/21/1999	< 0.035U	mg/kg	8082	
CMS-453	CMS-453-J	9.50	07/21/1999	< 0.038U	mg/kg	8082	
CMS-455	CMS-455-D	3.50	07/19/1999	< 0.43J	mg/kg	8082	
CMS-455	CMS-455-E	4.50	07/19/1999	< 0.24	mg/kg	8082	
CMS-455	CMS-455-G	6.50	07/19/1999	< 0.19	mg/kg	8082	
CMS-455	CMS-455-I	8.50	07/19/1999	< 0.041	mg/kg	8082	
CMS-700	CMS-700-A	0.50	11/05/1999	< 0.051	mg/kg	8082	
CMS-700	CMS-700-B	1.50	11/05/1999	< 0.057	mg/kg	8082	
CMS-701	CMS-701-B	1.50	11/05/1999	< 0.19	mg/kg	8082	
CMS-701	CMS-701-C	2.50	11/05/1999	< 0.18	mg/kg	8082	
CMS-702	CMS-702-A	0.50	11/05/1999	< 0.057	mg/kg	8082	

NOTES:

J = The compound/analyte result is considered estimated based on quality assurance/quality control exceedance(s).

X = Denotes exceedance of applicable standard.

If the result is non-detect then it indicates the practical quantitation limit is higher than the standard and therefore the data cannot be used to assess if the actual concentration is below the standard.

RI Residential Standards Source:

Table 1 Direct Exposure Criteria, Remediation Regulations,
DEM-DSR-01-93, 31 March 1993, amended August 1996, Division of Site Remediation Department of Environmental Management,
State of Rhode Island and Providence Plantation