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Table 1. Soil-Gas Probe Construction Details, Chevron Cincinnati Facility, Hooven, Ohio

Vapor Sample Point	Depth to Bottom of Screen[1] (ft-bgs)	Depth to Bottom of Seal (ft-bgs)	Seal Thickness (ft)	Approximate Ground Surface Elevation[2] (ft-msl)
Nested Soil Vapor Monitoring Wells:				
VW127 (05)	5	3.8	3.3	526.70
VW127 (10)	10	8.8	3.3	
VW127 (15)	15	13.6	3.1	
VW127 (20)	20	18.8	3.3	
VW127 (30)	30	28.6	8.1	
VW127 (40)	40	38.8	8.3	
VW127 (50)	50	48.8	8.3	
VW128 (05)	5	3.7	3.7	530.38
VW128 (10)	10	8.9	3.4	
VW128 (15)	15	13.9	3.4	
VW128 (20)	20	18.9	3.4	
VW128 (30)	30	28.9	8.4	
VW128 (40)	40	38.9	8.4	
VW128 (50)	50	48.9	8.4	
VW129 (05)	5	3.9	3.9	543.30
VW129 (10)	9.9	8.9	3.4	
VW129 (15)	15	13.9	3.4	
VW129 (20)	20	18.9	3.8	
VW129 (30)	30	28.9	8.4	
VW129 (40)	40	38.3	7.6	
VW129 (50)	50	48.9	8.8	
VW130 (05)	5	3.8	3.8	543.20
VW130 (10)	10	8.9	3.4	
VW130 (15)	15	13.9	3.4	
VW130 (20)	20	18.9	3.4	
VW130 (30)	30	28.9	8.4	
VW130 (40)	40	38.9	8.4	
VW130 (50)	50	48.9	8.4	
VW93A (05)	NA	NA	NA	529.00
VW93 (10)	10	8.5	6.0	
VW93 (15)	15	13.5	3.0	
VW93 (20)	20	18.5	3.0	
VW93 (25)	25	23.5	3.0	
VW93 (30)	30	28.5	3.0	
VW93 (35)	35	33.5	3.0	
VW93 (40)	40	38.5	3.0	
VW93 (45)	45	43.5	3.0	
VW93 (50)	50	48.5	3.0	
VW93 (55)	55	53.5	3.0	
VW93 (60)	60	58	2.6	

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Table 1. Soil-Gas Probe Construction Details, Chevron Cincinnati Facility, Hooven, Ohio

Vapor Sample Point	Depth to Bottom of Screen[1] (ft-bgs)	Depth to Bottom of Seal (ft-bgs)	Seal Thickness (ft)	Approximate Ground Surface Elevation[2] (ft-msl)
VW96 (05)	NA	NA	NA	525.63
VW96 (10)	10	8.5	7.5	
VW96 (15)	15	13.5	3.0	
VW96 (20)	20	17.3	1.8	
VW96 (25)	25	23.5	3.0	
VW96 (30)	30	28.5	3.0	
VW96 (35)	35	33.5	3.0	
VW96 (40)	40	38.5	3.0	
VW96 (45)	45	43.5	3.0	
VW96 (50)	49.5	48	2.5	
VW96 (55)	55	53.5	3.5	
VW96 (60)	60	58.5	3.0	
VW99 (10)	10	8.5	7.0	524.62
VW99 (15)	15	13.5	3.0	
VW99 (20)	20	17.3	1.8	
VW99 (25)	25	23.5	3.0	
VW99 (30)	30	28.5	3.0	
VW99 (35)	35	33.5	3.0	
VW99 (40)	40	38.5	3.0	
VW99 (45)	45	43.5	3.0	
VW99 (50)	50	48	3.5	
VW99 (55)	55	53.5	3.0	
VW99 (60)	60	58.5	3.0	
VW99A (05)	NA	NA	NA	
VW99A (10)	NA	NA	NA	
Near-Slab Probes				
ADA1-NS1 (05)	5	4.1	3.1	
ADA1-NS1 (10)	10	9.1	8.1	
CHI10-NS1 (05)	5	4.0	3.0	
CHI10-NS1 (10)	10	9.0	8.0	
CHI1-NS1 (05)	5	4.2	3.2	
CHI1-NS1 (10)	10	9.2	8.2	
CHI1-NS2 (05)	5	4.1	3.1	
CHI1-NS2 (10)	10	9.1	8.1	
CHI1-NS3 (05)	5	4.0	3.0	
CHI1-NS3 (10)	10	9.0	8.0	
CHI1-NS4 (05)	5	4.0	3.0	
CHI1-NS4 (10)	10	9.0	8.0	
CHI2-NS1 (05)	5	4.0	3.0	
CHI2-NS1 (10)	9.4	8.3	7.3	
CHI3-NS1 (05)	5	4.0	3.0	
CHI3-NS1 (10)	10	9.0	8.0	
CHI4-NS1 (05)	5	4.0	3.0	
CHI4-NS1 (10)	10	9.0	8.0	

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Table 1. Soil-Gas Probe Construction Details, Chevron Cincinnati Facility, Hooven, Ohio

Vapor Sample Point	Depth to Bottom of Screen[1] (ft-bgs)	Depth to Bottom of Seal (ft-bgs)	Seal Thickness (ft)	Approximate Ground Surface Elevation[2] (ft-msl)
CHI5-NS1 (05)	5	4.5	3.5	
CHI5-NS1 (10)	10	9.0	8.0	
CHI6-NS1 (05)	5	4.0	3.0	
CHI6-NS1 (10)	10	9.0	8.0	
CHI8-NS1 (05)	5	4.1	3.1	
CHI8-NS1 (10)	10	9.1	8.1	
CHI8-NS2 (05)	5	4.1	3.1	
CHI8-NS2 (10)	10	9.1	8.1	
CHI9-NS1 (05)	5	4.0	3.0	
CHI9-NS1 (10)	10	9.0	8.0	
HOO1-NS1 (05)	5	4.1	3.1	
HOO1-NS1 (10)	10	9.1	8.1	
HOO2-NS1 (05)	5	4.0	3.0	
HOO2-NS1 (10)	10	9.0	8.0	
HOO3-NS1 (05)	5	4.0	3.0	
HOO3-NS1 (10)	10	9.0	8.0	
HOO4-NS1 (05)	5	4.1	3.1	
HOO4-NS1 (10)	10	9.1	8.1	
HOO5-NS1 (05)	5	4.0	3.0	
HOO5-NS1 (10)	10	9.0	8.0	
HOO7-NS1 (05)	5	4.0	3.0	
HOO7-NS1 (10)	10	9.0	8.0	
HOO8-NS1 (05)	5	4.0	3.0	
HOO8-NS1 (10)	10	9.0	8.0	
HOO9-NS1 (05)	5	4.0	3.0	
HOO9-NS1 (10)	10	9.0	8.0	
HOO10-NS1 (05)	3.5	2.5	1.5	
HOO10-NS1 (10)	8.5	7.5	6.5	
HOO12-NS1 (05)	5	4.0	3.0	
HOO12-NS1 (10)	10	9.0	8.0	
HOO13-NS1 (05)	5	4.0	3.0	
HOO13-NS1 (10)	10	9.0	8.0	
HOO14-NS1 (05)	5	4.1	3.1	
HOO14-NS1 (10)	10	9.1	8.1	
HOO15-NS1 (05)	5	4.0	3.0	
HOO15-NS1 (10)	10	9.0	8.0	
HOO16-NS1 (05)	5	4.2	3.2	
HOO16-NS1 (10)	10	9.2	8.2	
HOO17-NS1 (05)	5	4.0	3.0	
HOO17-NS1 (10)	10	9.0	8.0	
HOO18-NS1 (05)	5	4.1	3.1	
HOO18-NS1 (10)	10	9.1	8.1	
HOO19-NS1 (05)	4.1	4.0	3.0	
HOO19-NS1 (10)	9.1	9.0	8.0	
HOO20-NS1 (05)	5	4.0	3.0	
HOO20-NS1 (10)	10	9.0	8.0	

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Table 1. Soil-Gas Probe Construction Details, Chevron Cincinnati Facility, Hooven, Ohio

Vapor Sample Point	Depth to Bottom of Screen[1] (ft-bgs)	Depth to Bottom of Seal (ft-bgs)	Seal Thickness (ft)	Approximate Ground Surface Elevation[2] (ft-msl)
JEF1-NS1 (05)	5	4.3	3.3	
JEF1-NS1 (10)	10	9.3	8.3	
JEF2-NS1 (05)	5	4.0	3.0	
JEF2-NS1 (10)	10	9.0	8.0	
MON1-NS1 (05)	5	4.0	3.0	
MON1-NS1 (10)	10	9.0	8.0	
MON2-NS1 (05)	5	4.1	3.1	
MON2-NS1 (10)	10	9.1	8.1	
MON2-NS2 (05)	5	4.1	3.1	
MON2-NS2 (10)	10	9.1	8.1	
MON2-NS3 (05)	5	4.1	3.1	
MON2-NS3 (10)	10	9.1	8.1	
MON2-NS4 (05)	5	4.2	3.2	
MON2-NS4 (10)	10	9.2	8.2	
MON3-NS1 (05)	5	4.1	3.1	
MON3-NS1 (10)	10	9.1	8.1	
OHI2-NS1 (05)	5	4.2	3.2	
OHI2-NS1 (10)	10	9.2	8.2	
OHI3-NS1 (05)	3	2.0	1.0	
OHI3-NS1 (10)	8	7.0	6.0	
OHI4-NS1 (05)	5	4.2	3.2	
OHI4-NS1 (10)	10	9.2	8.2	
OHI5-NS1 (05)	5	4.0	3.0	
OHI5-NS1 (10)	10	9.0	8.0	
OHI6-NS1 (05)	4.8	4.0	3.0	
OHI6-NS1 (10)	10	9.2	8.2	
OHI7-NS1 (05)	5	4.0	3.0	
OHI7-NS1 (10)	10	9.0	8.0	
OHI8-NS1 (05)	5	4.0	3.0	
OHI8-NS1 (10)	10	9.0	8.0	
OHI9-NS1 (05)	5	4.2	3.2	
OHI9-NS1 (10)	10	9.2	8.2	
WAS1-NS1 (05)	5	4.0	3.0	
WAS1-NS1 (10)	10	9.0	8.0	
WAS2-NS1 (05)	5	4.0	3.0	
WAS2-NS1 (10)	10	9.0	8.0	

Notes:

[1] - All screens extend 0.5 ft upward from Bottom of Screen depth

[2] - Near-Slab Ground Surface Elevations not Surveyed.

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Table 2. Summary of Sampled Structures indicating Building Construction and Location Relative to Plume, Chevron Cincinnati Facility, Hooven, Ohio

	Inside Plume Area	Outside Plume Area
SUB-SLAB		
Buildings/Residences Sampled		
with Full Basement	8	12
with Partial Basement/Crawlspace	13	10
Total Number of Residences Sampled	21	22[1]
Number of Individual Samples Collected		
from Full Basement	16	21
from Partial Basement/Crawlspace	26	12
Total Samples Collected	42	33
NEAR-SLAB		
Buildings/Residences Sampled		
with Full Basement	8	12
with Partial Basement/Crawlspace	13	10
Total Number of Residences Sampled	21	22[2]
Number of Individual Samples Collected		
from Full Basement	16	19
from Partial Basement/Crawlspace	33	11
Total Samples Collected	49	30

Notes:

[1] - A viable sub-slab sample was not acquired at 4 of the 22 residences due to tight surficial clays and/or surface water, which prevented sample collection.

[2] - A viable near-slab sample was not acquired at 7 of the 22 residences due to tight surficial clays and/or surface water, which prevented sample collection.

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Table 3a. Groundwater Analytical Results Summary Table, VOCs, Chevron Cincinnati Facility, Hooven, Ohio.

Sample ID	Date	Acetone (mg/L)	Acrolein (mg/L)	Acrylonitrile (mg/L)	Benzene (mg/L)	Bromodi chloromethane (mg/L)	Bromoform (mg/L)	Bromomethane (mg/L)	2-Butanone (mg/L)	Carbon Disulfide (mg/L)
MW-96S	05/03/05	ND(0.03)	--	--	0.9	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.015)	ND(0.005)
MW-99S	02/24/05	ND(0.02)	ND(0.02)	ND(0.02)	0.0035	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.02)	ND(0.001)
MW-81S	04/29/05	ND(0.006)	--	--	0.23	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.003)	ND(0.001)
MW-81D	04/28/05	ND(0.006)	--	--	ND(0.0005)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.003)	ND(0.001)
MW-95S	04/27/05	ND(0.006)	--	--	ND(0.0005)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.003)	ND(0.001)
MW-95D	04/28/05	ND(0.006)	--	--	ND(0.0005)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.003)	ND(0.001)
MW-100S	04/27/05	ND(0.006)	--	--	ND(0.0005)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.003)	ND(0.001)
MW-101S	04/29/05	ND(0.006)	--	--	ND(0.0005)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.003)	ND(0.001)
MW-113	04/27/05	ND(0.006)	--	--	ND(0.0005)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.003)	ND(0.001)
MW-121	04/21/05	ND(0.03)	--	--	4.0	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.015)	ND(0.005)
MW-122	04/21/05	0.039 J	--	--	ND(0.001)	ND(0.002)	ND(0.002)	ND(0.002)	ND(0.006)	ND(0.002)
MW-122 Dup	04/21/05	0.035 J	--	--	ND(0.001)	ND(0.002)	ND(0.002)	ND(0.002)	ND(0.006)	ND(0.002)
MW-124	04/21/05	ND(0.006)	--	--	ND(0.0005)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.003)	ND(0.001)
MW-125	04/21/05	0.22	--	--	ND(0.001)	ND(0.003)	ND(0.003)	ND(0.003)	0.11	ND(0.003)
MW-126	04/21/05	0.013 J	--	--	0.36	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.003)	ND(0.001)
MW-127	04/21/05	ND(0.006)	--	--	0.049	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.003)	ND(0.001)
MW-128	04/19/05	0.015 J	--	--	0.008	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.003)	ND(0.001)
MW-129	04/19/05	ND(0.006)	--	--	ND(0.0005)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.003)	ND(0.001)
MW-130	04/19/05	ND(0.006)	--	--	ND(0.0005)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.003)	ND(0.001)

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Table 3a. Groundwater Analytical Results Summary Table, VOCs, Chevron Cincinnati Facility, Hooven, Ohio.

Sample ID	Date	Carbon tetrachloride (mg/L)	Chlorobenzene (mg/L)	Chloroethane (mg/L)	Chloroform (mg/L)	Chloromethane (mg/L)	cis-1,2-Dichloroethene (mg/L)	cis-1,3-Dichloropropene (mg/L)	Cyclohexane (mg/L)	Dibromochloro methane (mg/L)
MW-96S	05/03/05	ND(0.005)	ND(0.004)	ND(0.005)	ND(0.004)	ND(0.005)	ND(0.004)	ND(0.005)	0.24	ND(0.005)
MW-99S	02/24/05	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	--	--	ND(0.001)
MW-81S	04/29/05	ND(0.001)	ND(0.0008)	ND(0.001)	ND(0.0008)	ND(0.001)	ND(0.0008)	ND(0.001)	0.17	ND(0.001)
MW-81D	04/28/05	ND(0.001)	ND(0.0008)	ND(0.001)	ND(0.0008)	ND(0.001)	ND(0.0008)	ND(0.001)	ND(0.002)	ND(0.001)
MW-95S	04/27/05	ND(0.001)	ND(0.0008)	ND(0.001)	ND(0.0008)	ND(0.001)	ND(0.0008)	ND(0.001)	ND(0.002)	ND(0.001)
MW-95D	04/28/05	ND(0.001)	ND(0.0008)	ND(0.001)	ND(0.0008)	ND(0.001)	ND(0.0008)	ND(0.001)	ND(0.002)	ND(0.001)
MW-100S	04/27/05	ND(0.001)	ND(0.0008)	ND(0.001)	ND(0.0008)	ND(0.001)	ND(0.0008)	ND(0.001)	ND(0.002)	ND(0.001)
MW-101S	04/29/05	ND(0.001)	ND(0.0008)	ND(0.001)	ND(0.0008)	ND(0.001)	ND(0.0008)	ND(0.001)	ND(0.002)	ND(0.001)
MW-113	04/27/05	ND(0.001)	ND(0.0008)	ND(0.001)	ND(0.0008)	ND(0.001)	ND(0.0008)	ND(0.001)	ND(0.002)	ND(0.001)
MW-121	04/21/05	ND(0.005)	ND(0.004)	ND(0.005)	ND(0.004)	ND(0.005)	ND(0.004)	ND(0.005)	0.6	ND(0.005)
MW-122	04/21/05	ND(0.002)	ND(0.002)	ND(0.002)	ND(0.002)	ND(0.002)	ND(0.002)	ND(0.002)	0.46	ND(0.002)
MW-122 Dup	04/21/05	ND(0.002)	ND(0.002)	ND(0.002)	ND(0.002)	ND(0.002)	ND(0.002)	ND(0.002)	0.47	ND(0.002)
MW-124	04/21/05	ND(0.001)	ND(0.0008)	ND(0.001)	ND(0.0008)	ND(0.001)	ND(0.0008)	ND(0.001)	ND(0.002)	ND(0.001)
MW-125	04/21/05	ND(0.003)	ND(0.002)	ND(0.003)	ND(0.002)	ND(0.003)	ND(0.002)	ND(0.003)	0.39	ND(0.003)
MW-126	04/21/05	ND(0.001)	ND(0.0008)	ND(0.001)	ND(0.0008)	ND(0.001)	ND(0.0008)	ND(0.001)	0.26	ND(0.001)
MW-127	04/21/05	ND(0.001)	ND(0.0008)	ND(0.001)	ND(0.0008)	ND(0.001)	ND(0.0008)	ND(0.001)	0.049	ND(0.001)
MW-128	04/19/05	ND(0.001)	ND(0.0008)	ND(0.001)	ND(0.0008)	ND(0.001)	ND(0.0008)	ND(0.001)	0.29	ND(0.001)
MW-129	04/19/05	ND(0.001)	ND(0.0008)	ND(0.001)	ND(0.0008)	ND(0.001)	ND(0.0008)	ND(0.001)	ND(0.002)	ND(0.001)
MW-130	04/19/05	ND(0.001)	ND(0.0008)	ND(0.001)	ND(0.0008)	ND(0.001)	ND(0.0008)	ND(0.001)	ND(0.002)	ND(0.001)

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Table 3a. Groundwater Analytical Results Summary Table, VOCs, Chevron Cincinnati Facility, Hooven, Ohio.

Sample ID	Date	Dibromo methane (mg/L)	1,2-Dibro moethane (mg/L)	1,2-Dibromo-3-Chloropropane (mg/L)	1,2-Dichloro benzene (mg/L)	1,3-Dichloro benzene (mg/L)	1,4-Dichloro benzene (mg/L)	1,1-Dichloro ethane (mg/L)	1,2-Dichloro ethane (mg/L)	1,1-Dichloro ethene (mg/L)
MW-96S	05/03/05	--	ND(0.005)	ND(0.01)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.005)	ND(0.005)	ND(0.004)
MW-99S	02/24/05	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)
MW-81S	04/29/05	--	ND(0.001)	ND(0.002)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.0008)
MW-81D	04/28/05	--	ND(0.001)	ND(0.002)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.0008)
MW-95S	04/27/05	--	ND(0.001)	ND(0.002)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.0008)
MW-95D	04/28/05	--	ND(0.001)	ND(0.002)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.0008)
MW-100S	04/27/05	--	ND(0.001)	ND(0.002)	ND(0.0009)	ND(0.0009)	ND(0.0009)	ND(0.001)	ND(0.001)	ND(0.0008)
MW-101S	04/29/05	--	ND(0.001)	ND(0.002)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.0008)
MW-113	04/27/05	--	ND(0.001)	ND(0.002)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.0008)
MW-121	04/21/05	--	ND(0.005)	ND(0.01)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.005)	ND(0.005)	ND(0.004)
MW-122	04/21/05	--	ND(0.002)	ND(0.004)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.002)	ND(0.002)	ND(0.002)
MW-122 Dup	04/21/05	--	ND(0.002)	ND(0.004)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.002)	ND(0.002)	ND(0.002)
MW-124	04/21/05	--	ND(0.001)	ND(0.002)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.0008)
MW-125	04/21/05	--	ND(0.003)	ND(0.005)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.003)	ND(0.003)	ND(0.002)
MW-126	04/21/05	--	ND(0.001)	ND(0.002)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.0008)
MW-127	04/21/05	--	ND(0.001)	ND(0.002)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.0008)
MW-128	04/19/05	--	ND(0.001)	ND(0.002)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.0008)
MW-129	04/19/05	--	ND(0.001)	ND(0.002)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.0008)
MW-130	04/19/05	--	ND(0.001)	ND(0.002)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.0008)

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Table 3a. Groundwater Analytical Results Summary Table, VOCs, Chevron Cincinnati Facility, Hooven, Ohio.

Sample ID	Date	Dichlorodi fluoromethane (mg/L)	1,2-Dichloro propane (mg/L)	1,3-Dichloro propane (mg/L)	1,4-Dioxane (mg/L)	Ethylbenzene (mg/L)	Hexane (mg/L)	Isopropyl benzene (mg/L)	m,p-Xylene (mg/L)	o-Xylene (mg/L)
MW-96S	05/03/05	ND(0.01)	--	--	ND(0.35)	1.5	0.042	0.082	3.9	0.047
MW-99S	02/24/05	ND(0.001)	ND(0.001)	ND(0.001)	--	0.031	--	0.0053	0.254	0.009
MW-81S	04/29/05	ND(0.002)	--	--	ND(0.07)	0.07	0.012	0.052	0.044	0.003 J
MW-81D	04/28/05	ND(0.002)	--	--	ND(0.07)	ND(0.0008)	ND(0.002)	ND(0.001)	ND(0.0008)	ND(0.0008)
MW-95S	04/27/05	ND(0.002)	--	--	ND(0.07)	ND(0.0008)	ND(0.002)	ND(0.001)	ND(0.0008)	ND(0.0008)
MW-95D	04/28/05	ND(0.002)	--	--	ND(0.07)	ND(0.0008)	ND(0.002)	ND(0.001)	ND(0.0008)	ND(0.0008)
MW-100S	04/27/05	ND(0.002)	--	--	ND(0.07)	ND(0.0008)	ND(0.002)	ND(0.001)	ND(0.0008)	ND(0.0008)
MW-101S	04/29/05	ND(0.002)	--	--	ND(0.07)	ND(0.0008)	ND(0.002)	ND(0.001)	ND(0.0008)	ND(0.0008)
MW-113	04/27/05	ND(0.002)	--	--	ND(0.07)	ND(0.0008)	ND(0.002)	ND(0.001)	ND(0.0008)	ND(0.0008)
MW-121	04/21/05	ND(0.01)	--	--	ND(0.35)	2.0	0.08	0.08	3.0	0.045
MW-122	04/21/05	ND(0.004)	--	--	ND(0.14)	0.75	0.099	0.062	2.1	0.035
MW-122 Dup	04/21/05	ND(0.004)	--	--	ND(0.14)	0.75	0.11	0.059	2.0	0.034
MW-124	04/21/05	ND(0.002)	--	--	ND(0.07)	ND(0.0008)	ND(0.002)	ND(0.001)	ND(0.0008)	ND(0.0008)
MW-125	04/21/05	ND(0.005)	--	--	ND(0.18)	0.71	0.089	0.07	2.8	0.021
MW-126	04/21/05	ND(0.002)	--	--	ND(0.07)	0.25	0.013	0.066	0.038	0.003 J
MW-127	04/21/05	ND(0.002)	--	--	ND(0.07)	0.005 J	0.004 J	0.004 J	0.005	0.0008 J
MW-128	04/19/05	ND(0.002)	--	--	ND(0.07)	0.15	0.029	0.075	0.16	0.002 J
MW-129	04/19/05	ND(0.002)	--	--	ND(0.07)	ND(0.0008)	ND(0.002)	ND(0.001)	ND(0.0008)	ND(0.0008)
MW-130	04/19/05	ND(0.002)	--	--	ND(0.07)	ND(0.0008)	ND(0.002)	ND(0.001)	ND(0.0008)	ND(0.0008)

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Table 3a. Groundwater Analytical Results Summary Table, VOCs, Chevron Cincinnati Facility, Hooven, Ohio.

Sample ID	Date	Methylene Chloride (mg/L)	4-Methyl-2-Pentanone (mg/L)	MTBE (mg/L)	Naphthalene (mg/L)	n-Butylbenzene (mg/L)	n-Propylbenzene (mg/L)	sec-Butylbenzene (mg/L)	Styrene (mg/L)	tert-Butyl benzene (mg/L)
MW-96S	05/03/05	ND(0.01)	ND(0.015)	ND(0.003)	0.57	0.026	0.18	0.013 J	ND(0.005)	--
MW-99S	02/24/05	ND(0.001)	ND(0.02)	ND(0.001)	0.059	ND(0.001)	0.0026	0.0046	ND(0.001)	ND(0.001)
MW-81S	04/29/05	ND(0.002)	ND(0.003)	ND(0.0005)	0.014	0.017	0.13	0.009	ND(0.001)	--
MW-81D	04/28/05	ND(0.002)	ND(0.003)	ND(0.0005)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	--
MW-95S	04/27/05	ND(0.002)	ND(0.003)	ND(0.0005)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	--
MW-95D	04/28/05	ND(0.002)	ND(0.003)	ND(0.0005)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	--
MW-100S	04/27/05	ND(0.002)	ND(0.003)	ND(0.0005)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	--
MW-101S	04/29/05	ND(0.002)	ND(0.003)	ND(0.0005)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	--
MW-113	04/27/05	ND(0.002)	ND(0.003)	ND(0.0005)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	--
MW-121	04/21/05	ND(0.01)	ND(0.015)	ND(0.003)	0.6	0.014 J	0.18	0.008 J	ND(0.005)	--
MW-122	04/21/05	ND(0.004)	ND(0.006)	ND(0.001)	0.33	0.012	0.11	0.008 J	ND(0.002)	--
MW-122 Dup	04/21/05	ND(0.004)	ND(0.006)	ND(0.001)	0.28	0.012	0.12	0.008 J	ND(0.002)	--
MW-124	04/21/05	ND(0.002)	ND(0.003)	ND(0.0005)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	--
MW-125	04/21/05	ND(0.005)	ND(0.008)	ND(0.001)	0.35	0.014	0.13	0.009 J	ND(0.003)	--
MW-126	04/21/05	ND(0.002)	ND(0.003)	ND(0.0005)	0.085	0.015	0.15	0.01	ND(0.001)	--
MW-127	04/21/05	ND(0.002)	ND(0.003)	ND(0.0005)	0.002 J	ND(0.001)	0.006	ND(0.001)	ND(0.001)	--
MW-128	04/19/05	ND(0.002)	ND(0.003)	ND(0.0005)	0.028	0.025	0.18	0.014	ND(0.001)	--
MW-129	04/19/05	ND(0.002)	ND(0.003)	ND(0.0005)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	--
MW-130	04/19/05	ND(0.002)	ND(0.003)	ND(0.0005)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	--

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Table 3a. Groundwater Analytical Results Summary Table, VOCs, Chevron Cincinnati Facility, Hooven, Ohio.

Sample ID	Date	1,1,1,2-Tetra chloroethane (mg/L)	1,1,2,2-Tetra chloroethane (mg/L)	Tetra chloroethene (mg/L)	Toluene (mg/L)	trans-1,2-Dichloroethene (mg/L)	trans-1,3-Dichloropropene (mg/L)	Trans-1,4-Dichloro-2-Butene (mg/L)	1,1,1-Trichloroethane (mg/L)	1,1,2-Trichloroethane (mg/L)
MW-96S	05/03/05	ND(0.005)	ND(0.005)	ND(0.004)	0.038	ND(0.004)	ND(0.005)	ND(0.075)	ND(0.004)	ND(0.004)
MW-99S	02/24/05	ND(0.001)	ND(0.001)	ND(0.001)	0.0026	ND(0.001)	--	--	ND(0.001)	ND(0.001)
MW-81S	04/29/05	ND(0.001)	ND(0.001)	ND(0.0008)	0.012	ND(0.0008)	ND(0.001)	ND(0.015)	ND(0.0008)	ND(0.0008)
MW-81D	04/28/05	ND(0.001)	ND(0.001)	ND(0.0008)	ND(0.0007)	ND(0.0008)	ND(0.001)	ND(0.015)	ND(0.0008)	ND(0.0008)
MW-95S	04/27/05	ND(0.001)	ND(0.001)	ND(0.0008)	ND(0.0007)	ND(0.0008)	ND(0.001)	ND(0.015)	ND(0.0008)	ND(0.0008)
MW-95D	04/28/05	ND(0.001)	ND(0.001)	ND(0.0008)	ND(0.0007)	ND(0.0008)	ND(0.001)	ND(0.015)	ND(0.0008)	ND(0.0008)
MW-100S	04/27/05	ND(0.001)	ND(0.001)	ND(0.0008)	ND(0.0007)	ND(0.0008)	ND(0.001)	ND(0.015)	ND(0.0008)	ND(0.0008)
MW-101S	04/29/05	ND(0.001)	ND(0.001)	ND(0.0008)	ND(0.0007)	ND(0.0008)	ND(0.001)	ND(0.015)	ND(0.0008)	ND(0.0008)
MW-113	04/27/05	ND(0.001)	ND(0.001)	ND(0.0008)	ND(0.0007)	ND(0.0008)	ND(0.001)	ND(0.015)	ND(0.0008)	ND(0.0008)
MW-121	04/21/05	ND(0.005)	ND(0.005)	ND(0.004)	0.15	ND(0.004)	ND(0.005)	ND(0.075)	ND(0.004)	ND(0.004)
MW-122	04/21/05	ND(0.002)	ND(0.002)	ND(0.002)	0.019	ND(0.002)	ND(0.002)	ND(0.03)	ND(0.002)	ND(0.002)
MW-122 Dup	04/21/05	ND(0.002)	ND(0.002)	ND(0.002)	0.02	ND(0.002)	ND(0.002)	ND(0.03)	ND(0.002)	ND(0.002)
MW-124	04/21/05	ND(0.001)	ND(0.001)	ND(0.0008)	ND(0.0007)	ND(0.0008)	ND(0.001)	ND(0.015)	ND(0.0008)	ND(0.0008)
MW-125	04/21/05	ND(0.003)	ND(0.003)	ND(0.002)	0.008 J	ND(0.002)	ND(0.003)	ND(0.038)	ND(0.002)	ND(0.002)
MW-126	04/21/05	ND(0.001)	ND(0.001)	ND(0.0008)	0.013	ND(0.0008)	ND(0.001)	ND(0.015)	ND(0.0008)	ND(0.0008)
MW-127	04/21/05	ND(0.001)	ND(0.001)	ND(0.0008)	0.003 J	ND(0.0008)	ND(0.001)	ND(0.015)	ND(0.0008)	ND(0.0008)
MW-128	04/19/05	ND(0.001)	ND(0.001)	ND(0.0008)	0.004 J	ND(0.0008)	ND(0.001)	ND(0.015)	ND(0.0008)	ND(0.0008)
MW-129	04/19/05	ND(0.001)	ND(0.001)	ND(0.0008)	ND(0.0007)	ND(0.0008)	ND(0.001)	ND(0.015)	ND(0.0008)	ND(0.0008)
MW-130	04/19/05	ND(0.001)	ND(0.001)	ND(0.0008)	ND(0.0007)	ND(0.0008)	ND(0.001)	ND(0.015)	ND(0.0008)	ND(0.0008)

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Table 3a. Groundwater Analytical Results Summary Table, VOCs, Chevron Cincinnati Facility, Hooven, Ohio.

Sample ID	Date	1,2,4-Trichloro benzene (mg/L)	Trichloro ethene (mg/L)	Trichlorofluoro methane (mg/L)	1,2,3-Trichloro propane (mg/L)	1,2,4-Trimethyl benzene (mg/L)	1,3,5-Trimethyl benzene (mg/L)	Vinyl acetate (mg/L)	Vinyl Chloride (mg/L)	Xylenes, Total (mg/L)
MW-96S	05/03/05	--	ND(0.005)	ND(0.01)	--	1.4	0.4	--	ND(0.005)	--
MW-99S	02/24/05	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	0.301	0.204	ND(0.001)	ND(0.001)	0.263
MW-81S	04/29/05	--	ND(0.001)	ND(0.002)	--	0.002 J	0.02	--	ND(0.001)	--
MW-81D	04/28/05	--	ND(0.001)	ND(0.002)	--	ND(0.001)	ND(0.001)	--	ND(0.001)	--
MW-95S	04/27/05	--	ND(0.001)	ND(0.002)	--	ND(0.001)	ND(0.001)	--	ND(0.001)	--
MW-95D	04/28/05	--	ND(0.001)	ND(0.002)	--	ND(0.001)	ND(0.001)	--	ND(0.001)	--
MW-100S	04/27/05	--	ND(0.001)	ND(0.002)	--	ND(0.001)	ND(0.001)	--	ND(0.001)	--
MW-101S	04/29/05	--	ND(0.001)	ND(0.002)	--	ND(0.001)	ND(0.001)	--	ND(0.001)	--
MW-113	04/27/05	--	ND(0.001)	ND(0.002)	--	ND(0.001)	ND(0.001)	--	ND(0.001)	--
MW-121	04/21/05	--	ND(0.005)	ND(0.01)	--	0.8	0.28	--	ND(0.005)	--
MW-122	04/21/05	--	ND(0.002)	ND(0.004)	--	0.71	0.22	--	ND(0.002)	--
MW-122 Dup	04/21/05	--	ND(0.002)	ND(0.004)	--	0.71	0.22	--	ND(0.002)	--
MW-124	04/21/05	--	ND(0.001)	ND(0.002)	--	ND(0.001)	ND(0.001)	--	ND(0.001)	--
MW-125	04/21/05	--	ND(0.003)	ND(0.005)	--	0.94	0.26	--	ND(0.003)	--
MW-126	04/21/05	--	ND(0.001)	ND(0.002)	--	0.003 J	0.088	--	ND(0.001)	--
MW-127	04/21/05	--	ND(0.001)	ND(0.002)	--	0.002 J	ND(0.001)	--	ND(0.001)	--
MW-128	04/19/05	--	ND(0.001)	ND(0.002)	--	0.14	0.16	--	ND(0.001)	--
MW-129	04/19/05	--	ND(0.001)	ND(0.002)	--	ND(0.001)	ND(0.001)	--	ND(0.001)	--
MW-130	04/19/05	--	ND(0.001)	ND(0.002)	--	ND(0.001)	ND(0.001)	--	ND(0.001)	--

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Table 3b. Groundwater Analytical Results Summary Table, SVOCs, Chevron Cincinnati Facility, Hooven, Ohio.

Sample ID	Date	Anthracene (mg/L)	Benzo(a) anthracene (mg/L)	Benzo(a) pyrene (mg/L)	Benzo(b) fluoranthene (mg/L)	Benzo(g,h,i) perylene (mg/L)	Benzo(k) fluoranthene (mg/L)	Bis(2-ethylhexyl) phthalate (mg/L)	Butylbenzyl phthalate (mg/L)	Chrysene (mg/L)
MW-96S	05/03/05	0.008 J	0.002 J	0.001 J	ND(0.001)	ND(0.001)	ND(0.001)	0.003 J	ND(0.002)	0.003 J
MW-99S	02/24/05	--	--	--	--	--	--	--	--	--
MW-81S	04/29/05	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.002)	ND(0.002)	ND(0.001)
MW-81D	04/28/05	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.002)	ND(0.002)	ND(0.001)
MW-95S	04/27/05	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.002)	ND(0.002)	ND(0.001)
MW-95D	04/28/05	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.002)	ND(0.002)	ND(0.001)
MW-100S	04/27/05	ND(0.0009)	ND(0.0009)	ND(0.0009)	ND(0.0009)	ND(0.0009)	ND(0.0009)	ND(0.002)	ND(0.002)	ND(0.0009)
MW-101S	04/29/05	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.002)	ND(0.002)	ND(0.001)
MW-113	04/27/05	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.002)	ND(0.002)	ND(0.001)
MW-121	04/21/05	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	--	--	ND(0.002)	ND(0.002)	ND(0.001)
MW-122	04/21/05	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	--	--	ND(0.002)	ND(0.002)	ND(0.001)
MW-122 Dup	04/21/05	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	--	--	ND(0.002)	ND(0.002)	ND(0.001)
MW-124	04/21/05	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	--	--	ND(0.002)	ND(0.002)	ND(0.001)
MW-125	04/21/05	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	--	--	ND(0.002)	ND(0.002)	ND(0.001)
MW-126	04/21/05	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	--	--	0.003 J	ND(0.002)	ND(0.001)
MW-127	04/21/05	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	--	--	ND(0.002)	ND(0.002)	ND(0.001)
MW-128	04/19/05	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	--	--	0.003 J	ND(0.002)	ND(0.001)
MW-129	04/19/05	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	--	--	ND(0.002)	ND(0.002)	ND(0.001)
MW-130	04/19/05	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	--	--	0.002 J	ND(0.002)	ND(0.001)

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Table 3b. Groundwater Analytical Results Summary Table, SVOCs, Chevron Cincinnati Facility, Hooven, Ohio.

Sample ID	Date	Dibenz(a,h) acridine (mg/L)	Dibenzo(a,h) anthracene (mg/L)	1,2-Dichloro benzene (mg/L)	1,3-Dichloro benzene (mg/L)	1,4-Dichloro benzene (mg/L)	Diethyl phthalate (mg/L)	7,12-Dimethylbenz (a)anthracene (mg/L)	2,4-Dimethyl phenol (mg/L)	2,4-Dinitro phenol (mg/L)
MW-96S	05/03/05	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.002)	ND(0.002)	ND(0.001)	ND(0.019)
MW-99S	02/24/05	--	--	ND(0.001)	ND(0.001)	ND(0.001)	--	--	--	--
MW-81S	04/29/05	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.002)	ND(0.002)	ND(0.001)	ND(0.02)
MW-81D	04/28/05	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.002)	ND(0.002)	ND(0.001)	ND(0.02)
MW-95S	04/27/05	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.002)	ND(0.002)	ND(0.001)	ND(0.02)
MW-95D	04/28/05	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.002)	ND(0.002)	ND(0.001)	ND(0.021)
MW-100S	04/27/05	ND(0.0009)	ND(0.0009)	ND(0.0009)	ND(0.0009)	ND(0.0009)	ND(0.002)	ND(0.002)	ND(0.0009)	ND(0.019)
MW-101S	04/29/05	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.002)	ND(0.002)	ND(0.001)	ND(0.019)
MW-113	04/27/05	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.002)	ND(0.002)	ND(0.001)	ND(0.019)
MW-121	04/21/05	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.002)	ND(0.002)	0.007 J	ND(0.02)
MW-122	04/21/05	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.002)	ND(0.002)	0.007 J	ND(0.02)
MW-122 Dup	04/21/05	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.002)	ND(0.002)	0.008 J	ND(0.019)
MW-124	04/21/05	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.002)	ND(0.002)	ND(0.001)	ND(0.02)
MW-125	04/21/05	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.002)	ND(0.002)	ND(0.001)	ND(0.019)
MW-126	04/21/05	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.002)	ND(0.002)	ND(0.001)	ND(0.019)
MW-127	04/21/05	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.002)	ND(0.002)	ND(0.001)	ND(0.019)
MW-128	04/19/05	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.002)	ND(0.002)	ND(0.001)	ND(0.019)
MW-129	04/19/05	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.002)	ND(0.002)	ND(0.001)	ND(0.02)
MW-130	04/19/05	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.002)	ND(0.002)	ND(0.001)	ND(0.023)

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Table 3b. Groundwater Analytical Results Summary Table, SVOCs, Chevron Cincinnati Facility, Hooven, Ohio.

Sample ID	Date	Dimethyl phthalate (mg/L)	Di-n-butylphthalate (mg/L)	Di-n-octylphthalate (mg/L)	Fluoranthene (mg/L)	Indene (mg/L)	Indeno(1,2,3-cd)pyrene (mg/L)	6-Methyl Chrysene (mg/L)	1-Methyl naphthalene (mg/L)	2-Methyl naphthalene (mg/L)
MW-96S	05/03/05	ND(0.002)	ND(0.002)	0.003 J	0.002 J	0.054	ND(0.001)	0.002 J	0.49	0.86
MW-99S	02/24/05	--	--	--	--	--	--	--	--	--
MW-81S	04/29/05	ND(0.002)	ND(0.002)	ND(0.002)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	0.072	0.033
MW-81D	04/28/05	ND(0.002)	ND(0.002)	ND(0.002)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)
MW-95S	04/27/05	ND(0.002)	ND(0.002)	ND(0.002)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)
MW-95D	04/28/05	ND(0.002)	ND(0.002)	ND(0.002)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)
MW-100S	04/27/05	ND(0.002)	ND(0.002)	ND(0.002)	ND(0.0009)	ND(0.0009)	ND(0.0009)	ND(0.0009)	ND(0.0009)	ND(0.0009)
MW-101S	04/29/05	ND(0.002)	ND(0.002)	ND(0.002)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)
MW-113	04/27/05	ND(0.002)	ND(0.002)	ND(0.002)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)
MW-121	04/21/05	ND(0.002)	ND(0.002)	ND(0.002)	ND(0.001)	0.017	--	ND(0.001)	0.14	0.23
MW-122	04/21/05	ND(0.002)	ND(0.002)	ND(0.002)	ND(0.001)	0.011	--	ND(0.001)	0.083	0.12
MW-122 Dup	04/21/05	ND(0.002)	ND(0.002)	ND(0.002)	ND(0.001)	0.012	--	ND(0.001)	0.087	0.13
MW-124	04/21/05	ND(0.002)	ND(0.002)	ND(0.002)	ND(0.001)	ND(0.001)	--	ND(0.001)	ND(0.001)	ND(0.001)
MW-125	04/21/05	ND(0.002)	ND(0.002)	ND(0.002)	ND(0.001)	0.016	--	ND(0.001)	0.11	0.17
MW-126	04/21/05	ND(0.002)	ND(0.002)	ND(0.002)	ND(0.001)	0.003 J	--	ND(0.001)	0.16	0.16
MW-127	04/21/05	ND(0.002)	ND(0.002)	ND(0.002)	ND(0.001)	ND(0.001)	--	ND(0.001)	ND(0.001)	0.001 J
MW-128	04/19/05	ND(0.002)	ND(0.002)	ND(0.002)	ND(0.001)	ND(0.001)	--	ND(0.001)	0.13	0.1
MW-129	04/19/05	ND(0.002)	ND(0.002)	ND(0.002)	ND(0.001)	ND(0.001)	--	ND(0.001)	ND(0.001)	ND(0.001)
MW-130	04/19/05	ND(0.002)	ND(0.002)	ND(0.002)	ND(0.001)	ND(0.001)	--	ND(0.001)	ND(0.001)	ND(0.001)

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Table 3b. Groundwater Analytical Results Summary Table, SVOCs, Chevron Cincinnati Facility, Hooven, Ohio.

Sample ID	Date	2-Methylphenol (mg/L)	4-Methylphenol (mg/L)	Naphthalene (mg/L)	4-Nitrophenol (mg/L)	Phenanthrene (mg/L)	Phenol (mg/L)	Pyrene (mg/L)	Pyridine (mg/L)	Quinoline (mg/L)
MW-96S	05/03/05	ND(0.001)	ND(0.002)	0.57	ND(0.01)	0.062	ND(0.001)	0.019	ND(0.002)	ND(0.001)
MW-99S	02/24/05	--	--	0.059	--	--	--	--	--	--
MW-81S	04/29/05	ND(0.001)	ND(0.002)	0.014	ND(0.01)	0.003 J	ND(0.001)	ND(0.001)	ND(0.002)	ND(0.001)
MW-81D	04/28/05	ND(0.001)	ND(0.002)	ND(0.001)	ND(0.01)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.002)	ND(0.001)
MW-95S	04/27/05	ND(0.001)	ND(0.002)	ND(0.001)	ND(0.01)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.002)	ND(0.001)
MW-95D	04/28/05	ND(0.001)	ND(0.002)	ND(0.001)	ND(0.01)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.002)	ND(0.001)
MW-100S	04/27/05	ND(0.0009)	ND(0.002)	ND(0.001)	ND(0.009)	ND(0.0009)	ND(0.0009)	ND(0.0009)	ND(0.002)	ND(0.0009)
MW-101S	04/29/05	ND(0.001)	ND(0.002)	ND(0.001)	ND(0.01)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.002)	ND(0.001)
MW-113	04/27/05	ND(0.001)	ND(0.002)	ND(0.001)	ND(0.01)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.002)	ND(0.001)
MW-121	04/21/05	ND(0.001)	ND(0.002)	0.6	ND(0.01)	0.004 J	0.026	ND(0.001)	ND(0.002)	ND(0.001)
MW-122	04/21/05	ND(0.001)	ND(0.002)	0.33	ND(0.01)	0.003 J	ND(0.001)	ND(0.001)	ND(0.002)	ND(0.001)
MW-122 Dup	04/21/05	ND(0.001)	ND(0.002)	0.28	ND(0.01)	0.002 J	ND(0.001)	ND(0.001)	ND(0.002)	ND(0.001)
MW-124	04/21/05	ND(0.001)	ND(0.002)	ND(0.001)	ND(0.01)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.002)	ND(0.001)
MW-125	04/21/05	ND(0.001)	0.003 J	0.35	ND(0.01)	0.003 J	ND(0.001)	ND(0.001)	ND(0.002)	ND(0.001)
MW-126	04/21/05	ND(0.001)	ND(0.002)	0.085	ND(0.01)	0.006 J	ND(0.001)	ND(0.001)	ND(0.002)	ND(0.001)
MW-127	04/21/05	ND(0.001)	ND(0.002)	0.002 J	ND(0.01)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.002)	ND(0.001)
MW-128	04/19/05	ND(0.001)	ND(0.002)	0.028	ND(0.01)	0.003 J	ND(0.001)	ND(0.001)	ND(0.002)	ND(0.001)
MW-129	04/19/05	ND(0.001)	ND(0.002)	ND(0.001)	ND(0.01)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.002)	ND(0.001)
MW-130	04/19/05	ND(0.001)	ND(0.002)	ND(0.001)	ND(0.011)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.002)	ND(0.001)

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Table 3b. Groundwater Analytical Results Summary Table, SVOCs, Chevron Cincinnati Facility, Hooven, Ohio.

Sample ID	Date	Thiophenol (mg/L)
MW-96S	05/03/05	ND(0.005)
MW-99S	02/24/05	--
MW-81S	04/29/05	ND(0.005)
MW-81D	04/28/05	ND(0.005)
MW-95S	04/27/05	ND(0.005)
MW-95D	04/28/05	ND(0.005)
MW-100S	04/27/05	ND(0.005)
MW-101S	04/29/05	ND(0.005)
MW-113	04/27/05	ND(0.005)
MW-121	04/21/05	ND(0.005)
MW-122	04/21/05	ND(0.005)
MW-122 Dup	04/21/05	ND(0.005)
MW-124	04/21/05	ND(0.005)
MW-125	04/21/05	ND(0.005)
MW-126	04/21/05	ND(0.005)
MW-127	04/21/05	ND(0.005)
MW-128	04/19/05	ND(0.005)
MW-129	04/19/05	ND(0.005)
MW-130	04/19/05	ND(0.006)

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Table 4a. Soil-Gas Analytical Results for Sub-Slab Samples Summary Table, Constituents Commonly Found in Gasoline, Chevron Cincinnati Facility, Hooven, Ohio.

Sub-Slab Sample ID	Date	TO-15 Dilution Factor	Benzene (mg/m³)	Toluene (mg/m³)	Ethylbenzene (mg/m³)	m,p-Xylene (mg/m³)	o-Xylene (mg/m³)	Hexane (mg/m³)	1,3,5-Trimethylbenzene (mg/m³)	1,2,4-Trimethylbenzene (mg/m³)
ADA1-SS1	03/28/05	2.20	0.0064 J	0.018	0.0069 J	0.012 J	0.0057 J	0.014	ND(0.0054)	0.0091 J
ADA1-SS2	03/28/05	2.29	0.0053	0.021	0.0087	0.014	0.0064	0.01	ND(0.0056)	0.0088
CHI10-SS1	04/16/05	2.20	ND(0.0035)	0.0046	ND(0.0048)	ND(0.0048)	ND(0.0048)	ND(0.0039)	ND(0.0054)	ND(0.0054)
CHI10-SS2	04/16/05	2.20	ND(0.0035)	0.0071	ND(0.0048)	ND(0.0048)U	ND(0.0048)	ND(0.0039)	ND(0.0054)	0.013
CHI1-SS1	03/22/05	2.05	ND(0.0033)R	ND(0.0039)R	ND(0.0044)R	ND(0.0044)R	ND(0.0044)R	ND(0.0036)R	ND(0.005)R	ND(0.005)R
CHI1-SS2	03/22/05	2.69	0.0057	0.013	0.0062	0.01	ND(0.0058)	ND(0.0047)	ND(0.0066)	0.0079
CHI2-SS1	03/29/05	2.47	0.01	0.018	0.0079	0.013	0.0084	0.013	ND(0.0061)	0.0086
CHI2-SS2	03/29/05	2.64	0.0062	0.01	ND(0.0057)	ND(0.0057)	ND(0.0057)	0.013	ND(0.0065)	ND(0.0065)
CHI2-SS2 Dup	03/29/05	2.64	0.0072	0.011	ND(0.0057)	ND(0.0057)	ND(0.0057)	0.013	ND(0.0065)	ND(0.0065)
CHI3-SS1	03/29/05	2.38	ND(0.0038)	0.0098	ND(0.0052)	0.01	0.0058	0.008	ND(0.0058)	0.016
CHI3-SS1 Dup	03/28/05	2.47	0.0047	0.015	0.008	0.014	0.0094	0.011	0.0082	0.03
CHI3-SS2	03/28/05	2.38	0.0038	0.007	0.0052	0.0082	0.0053	ND(0.0042)	ND(0.0058)	0.01
CHI4-SS1	03/22/05	2.24	ND(0.0036)R	0.005 R	ND(0.0049)R	ND(0.0049)R	ND(0.0049)R	ND(0.0039)R	ND(0.0055)R	ND(0.0055)R
	05/04/05	2.58	ND(0.0041)	0.0064	ND(0.0056)	ND(0.0056)	ND(0.0056)	0.015	ND(0.0063)	ND(0.0063)
CHI4-SS1 Rep	03/22/05	2.05	ND(0.0033)	0.0061	ND(0.0044)	0.005 J	ND(0.0044)	ND(0.0036)	ND(0.005)	0.0075 J
CHI4-SS2	03/22/05	2.69	ND(0.0043)R	ND(0.0051)R	ND(0.0058)R	ND(0.0058)R	ND(0.0058)R	ND(0.0047)R	ND(0.0066)R	0.007 R
	05/04/05	2.24	ND(0.0036)	0.0049	ND(0.0049)	ND(0.0049)	ND(0.0049)	0.016	ND(0.0055)	ND(0.0055)
CHI5-SS1	03/30/05	2.58	ND(0.0041)	0.005	ND(0.0056)	ND(0.0056)	ND(0.0056)	ND(0.0045)	ND(0.0063)	ND(0.0063)
CHI5-SS1 Dup	03/30/05	2.42	ND(0.0039)	0.0063	ND(0.0052)	0.0054	ND(0.0052)	ND(0.0043)	ND(0.0059)	ND(0.0059)
CHI5-SS2	03/30/05	2.47	ND(0.0039)	0.0068	ND(0.0054)	0.012	0.0061	ND(0.0044)	ND(0.0061)	0.013
CHI6-SS1	03/29/05	2.24	0.022	0.025	ND(0.0049)	0.0071	ND(0.0049)	0.012	ND(0.0055)	ND(0.0055)
CHI6-SS2	03/29/05	2.47	ND(0.0039)	ND(0.0046)	ND(0.0054)	ND(0.0054)	ND(0.0054)	ND(0.0044)	ND(0.0061)	ND(0.0061)
CHI8-SS1	03/28/05	2.69	0.0082	0.029	0.014	0.018	0.0091	0.0089	ND(0.0066)	0.0097
CHI8-SS2	03/28/05	2.33	0.0039	0.019	0.014	0.018	0.01	0.0052	ND(0.0057)	0.023
CHI8-SS3	03/28/05	2.33	0.0078	0.026	0.011	0.019	0.0085	0.024	0.0065	0.02
CHI8-SS4	03/28/05	2.53	0.0046	0.019	0.0061	0.01	ND(0.0055)	0.0081	ND(0.0062)	0.0099
CHI8-SS4 Dup	03/28/05	2.29	0.0061	0.023	0.01	0.016	0.0079	0.012	0.0068	0.018
CHI9-SS1	04/01/05	2.47	0.021	0.071	0.02	0.04	0.028	0.026	0.098	0.23
HOO1-SS1	03/23/05	2.42	0.0095 R	0.028 R	0.012 R	0.017 R	0.0076 R	0.014 R	ND(0.0059)R	0.0079 R
	05/03/05	2.24	0.011	0.038	0.015	0.019	0.0089	0.026	ND(0.0055)	0.0088
HOO1-SS2	03/23/05	2.42	ND(0.0039)R	ND(0.0046)R	ND(0.0052)R	ND(0.0052)R	ND(0.0052)R	ND(0.0043)R	ND(0.0059)R	ND(0.0059)R
	05/03/05	2.29	0.019	0.28	0.036	0.1	0.052	0.037	0.022	0.07
HOO1-SS2 Dup	05/03/05	2.24	0.014	0.05	0.022	0.034	0.016	0.036	0.0067	0.025

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Table 4a. Soil-Gas Analytical Results for Sub-Slab Samples Summary Table, Constituents Commonly Found in Gasoline, Chevron Cincinnati Facility, Hooven, Ohio.

Sub-Slab Sample ID	Date	TO-15 Dilution Factor	Benzene (mg/m³)	Toluene (mg/m³)	Ethylbenzene (mg/m³)	m,p-Xylene (mg/m³)	o-Xylene (mg/m³)	Hexane (mg/m³)	1,3,5-Trimethylbenzene (mg/m³)	1,2,4-Trimethylbenzene (mg/m³)
HOO2-SS1	03/25/05	2.64	ND(0.0042)	0.021	0.0088	0.015	0.0078	0.0051	ND(0.0065)	0.0081
HOO2-SS2	03/25/05	2.42	0.011	0.015	ND(0.0052)	0.0079	ND(0.0052)	ND(0.0043)	ND(0.0059)	0.0079
HOO3-SS1	03/23/05	2.76	0.0074 R	0.049 R	0.0099 R	0.014 R	0.0067 R	0.015 R	ND(0.0068)R	0.009 R
	05/11/05	2.38	0.0061	0.036	ND(0.0052)	0.01	ND(0.0052)	0.015	ND(0.0058)	0.0081
HOO3-SS2	03/23/05	2.58	ND(0.0041)R	0.037 R	ND(0.0056)R	0.0058 R	ND(0.0056)R	0.0051 R	ND(0.0063)R	ND(0.0063)R
	05/11/05	2.38	0.0053	0.11	0.013	0.033	0.014	0.01	0.0082	0.028
HOO3-SS2 Dup	03/23/05	2.47	0.0046	0.022	ND(0.0054)	ND(0.0054)	ND(0.0054)	ND(0.0044)	ND(0.0061)	ND(0.0061)
HOO4-SS1	03/23/05	2.64	0.039	0.27	0.22	0.96	0.66	0.084	0.17	0.36
HOO4-SS1 Dup	03/23/05	2.58	0.026	0.19	0.15	0.66	0.47	0.055	0.12	0.28
HOO4-SS2	03/23/05	2.33	0.048	0.4	0.24	0.96	0.65	0.32	0.19	0.41
HOO5-SS1	03/24/05	2.64	0.0085	0.022	0.011	0.013	0.007	0.012	ND(0.0065)	0.011
HOO5-SS1 Dup	03/24/05	2.05	0.0074	0.023	0.012	0.013	0.007	0.013	ND(0.005)	0.012
HOO5-SS2	03/24/05	2.47	ND(0.0039)	0.01	ND(0.0054)	0.0057	ND(0.0054)	0.013	ND(0.0061)	ND(0.0061)
HOO8-SS1	04/05/05	2.53	0.0047	0.01	ND(0.0055)	0.0092	ND(0.0055)	0.0084	ND(0.0062)	0.0065
HOO8-SS2	04/05/05	2.53	ND(0.004)	0.005	ND(0.0055)	ND(0.0055)	ND(0.0055)	0.0045	ND(0.0062)	ND(0.0062)
HOO9-SS1	03/31/05	2.64	ND(0.0042)	0.0076	ND(0.0057)	ND(0.0057)	ND(0.0057)	ND(0.0046)	ND(0.0065)	ND(0.0065)
HOO9-SS1 Dup	03/31/05	2.76	ND(0.0044)	0.0074	ND(0.006)	ND(0.006)	ND(0.006)	ND(0.0049)	ND(0.0068)	ND(0.0068)
HOO12-SS1	03/30/05	2.47	ND(0.0039)	ND(0.0046)	ND(0.0054)	ND(0.0054)	ND(0.0054)	ND(0.0044)	ND(0.0061)	ND(0.0061)
HOO12-SS2	03/30/05	2.64	0.0044	0.013	0.0084	0.014	0.0081	0.0065	ND(0.0065)	0.014
HOO15-SS1	03/30/05	2.38	0.0081	0.022	0.0065	0.011	0.0053	0.011	ND(0.0058)	0.0065
HOO15-SS2	03/30/05	2.38	0.0045	0.012	ND(0.0052)	0.006	ND(0.0052)	0.0045	ND(0.0058)	ND(0.0058)
HOO16-SS1	04/02/05	2.24	0.0037	0.011	ND(0.0049)	0.0058	ND(0.0049)	0.0047	ND(0.0055)	ND(0.0055)
	05/04/05	2.16	ND(0.0034)	ND(0.0041)	ND(0.0047)	ND(0.0047)	ND(0.0047)	0.022	ND(0.0053)	ND(0.0053)
HOO16-SS2	04/02/05	2.47	ND(0.0039)	0.0073	ND(0.0054)	ND(0.0054)	ND(0.0054)	ND(0.0044)	ND(0.0061)	ND(0.0061)
	05/04/05	2.42	ND(0.0039)	ND(0.0046)	ND(0.0052)	ND(0.0052)	ND(0.0052)	0.025	ND(0.0059)	ND(0.0059)
HOO16-SS2 Dup	05/04/05	2.24	ND(0.0036)	ND(0.0042)	ND(0.0049)	ND(0.0049)	ND(0.0049)	0.021	ND(0.0055)	ND(0.0055)
HOO17-SS1	04/02/05	2.53	0.0044	ND(0.0048)	ND(0.0055)	ND(0.0055)	ND(0.0055)	ND(0.0044)	ND(0.0062)	ND(0.0062)
HOO18-SS1	04/14/05	2.64	0.0078	0.018	ND(0.0057)	ND(0.0057)U	ND(0.0057)	0.0075	ND(0.0065)	ND(0.0065)
HOO18-SS1 Dup	04/14/05	2.53	0.0065	0.0049	ND(0.0055)	ND(0.0055)U	ND(0.0055)	ND(0.0044)	ND(0.0062)	ND(0.0062)
HOO19-SS1	04/07/05	2.38	0.017	0.035	0.01	0.034	0.013	0.012	ND(0.0058)	0.011
HOO19-SS2	04/07/05	2.82	0.011	0.02	0.0083	0.012	ND(0.0061)	0.034	ND(0.0069)	0.0075
HOO20-SS1	04/09/05	2.33	0.011	0.03	0.014	ND(0.005)U	ND(0.005)U	0.016	ND(0.0057)	ND(0.0057)U
HOO20-SS2	04/09/05	2.76	0.0098 J	0.028 J	0.0095 J	ND(0.006)UJ	ND(0.006)UJ	0.015 J	ND(0.0068)J	ND(0.0068)UJ

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Table 4a. Soil-Gas Analytical Results for Sub-Slab Samples Summary Table, Constituents Commonly Found in Gasoline, Chevron Cincinnati Facility, Hooven, Ohio.

Sub-Slab Sample ID	Date	TO-15 Dilution Factor	Benzene (mg/m³)	Toluene (mg/m³)	Ethylbenzene (mg/m³)	m,p-Xylene (mg/m³)	o-Xylene (mg/m³)	Hexane (mg/m³)	1,3,5-Trimethylbenzene (mg/m³)	1,2,4-Trimethylbenzene (mg/m³)
JEF1-SS1	03/29/05	2.89	ND(0.0046)	0.0076	ND(0.0063)	0.0078	ND(0.0063)	0.0076	ND(0.0071)	ND(0.0071)
JEF1-SS2	03/29/05	2.64	ND(0.0042)	0.011	ND(0.0057)	0.007	ND(0.0057)	0.011	ND(0.0065)	ND(0.0065)
JEF2-SS1	04/05/05	2.42	0.024	0.06	0.028	0.032	0.016	0.078	ND(0.0059)	0.019
JEF2-SS2	04/05/05	2.47	ND(0.0039)	0.0089	ND(0.0054)	ND(0.0054)	ND(0.0054)	0.0046	ND(0.0061)	0.0097
MON2-SS1	03/24/05	2.42	0.0041	0.014	0.0077	0.012	0.007	0.0099	ND(0.0059)	0.011
	03/26/05	2.33	ND(0.0037)	0.0044	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.0041)	ND(0.0057)	ND(0.0057)
MON2-SS2	03/24/05	2.58	0.0094	0.029	0.012	0.016	0.0085	0.028	ND(0.0063)	0.0089
	03/26/05	2.24	0.0036	0.013	0.0056	0.01	ND(0.0049)	0.0097	ND(0.0055)	0.009
MON3-SS1	03/31/05	2.29	0.0063	0.011	ND(0.005)	0.0082	ND(0.005)	0.0078	ND(0.0056)	ND(0.0056)
MON3-SS1 Dup	03/31/05	2.47	ND(0.0039)	0.01	ND(0.0054)	0.0075	ND(0.0054)	0.0066	ND(0.0061)	ND(0.0061)
MON3-SS2	03/31/05	2.47	ND(0.0039)	0.0058	ND(0.0054)	ND(0.0054)	ND(0.0054)	ND(0.0044)	ND(0.0061)	ND(0.0061)
OHI2-SS1	03/24/05	2.47	ND(0.0039)	0.0049	ND(0.0054)	0.0055	ND(0.0054)	ND(0.0044)	ND(0.0061)	0.0076
OHI2-SS2	03/24/05	2.47	ND(0.0039)	ND(0.0046)	ND(0.0054)	ND(0.0054)	ND(0.0054)	ND(0.0044)	ND(0.0061)	ND(0.0061)
OHI3-SS1	04/01/05	2.76	ND(0.0044)	0.016	ND(0.006)	0.022	0.014	ND(0.0049)	ND(0.0068)	0.0071
OHI3-SS1 Dup	04/01/05	2.16	0.0076	0.026	0.0089	0.036	0.023	ND(0.0038)	ND(0.0053)	0.011
OHI3-SS2	04/01/05	2.47	ND(0.0039)	0.006	ND(0.0054)	ND(0.0054)	ND(0.0054)	ND(0.0044)	ND(0.0061)	ND(0.0061)
OHI4-SS1	03/25/05	2.42	ND(0.0039)	0.008	ND(0.0052)	0.0061	ND(0.0052)	ND(0.0043)	ND(0.0059)	ND(0.0059)
OHI5-SS1	04/02/05	2.24	0.0072	0.023	0.008	0.014	0.0068	0.011	ND(0.0055)	0.0076
	05/03/05	2.38	0.011	0.3	0.018	0.06	0.033	0.023	0.013	0.046
OHI5-SS2	04/02/05	2.38	ND(0.0038)	ND(0.0045)	ND(0.0052)	ND(0.0052)	ND(0.0052)	ND(0.0042)	ND(0.0058)	ND(0.0058)
	05/03/05	2.24	0.0068	0.23	0.0099	0.035	0.021	0.0055	0.0089	0.03
OHI6-SS1	04/01/05	2.38	0.004	0.011	0.0061	0.0079	ND(0.0052)	0.014	ND(0.0058)	0.01
OHI6-SS1 Dup	04/01/05	3.14	ND(0.005)	0.0099	ND(0.0068)	0.0069	ND(0.0068)	0.013	ND(0.0077)	0.0085
OHI6-SS2	04/01/05	2.53	ND(0.004)	0.0087	ND(0.0055)	ND(0.0055)	ND(0.0055)	ND(0.0044)	ND(0.0062)	ND(0.0062)
OHI6-SS2 Dup	04/02/05	2.33	ND(0.0037)	0.0082	ND(0.005)	ND(0.005)	ND(0.005)	0.0047	ND(0.0057)	ND(0.0057)
OHI7-SS1	04/07/05	2.64	0.0089	ND(0.005)U	ND(0.0057)U	ND(0.0057)U	ND(0.0057)	0.012	ND(0.0065)	0.0072
OHI7-SS2	04/07/05	2.82	0.0047	ND(0.0053)U	ND(0.0061)	ND(0.0061)	ND(0.0061)	0.0069	ND(0.0069)	ND(0.0069)
OHI7-SS2 Dup	04/07/05	2.58	ND(0.0041)	ND(0.0049)U	ND(0.0056)	ND(0.0056)	ND(0.0056)	0.0061	ND(0.0063)	ND(0.0063)
OHI8-SS1	04/11/05	2.69	0.0066	0.02	0.0074	0.0089	ND(0.0058)	0.011	ND(0.0066)	ND(0.0066)
OHI8-SS2	04/11/05	2.42	ND(0.0039)	ND(0.0046)	ND(0.0052)	ND(0.0052)	ND(0.0052)	ND(0.0043)	ND(0.0059)	ND(0.0059)
OHI9-SS1	04/09/05	2.20	0.0058	ND(0.0041)U	ND(0.0048)U	ND(0.0048)U	ND(0.0048)U	0.0095	ND(0.0054)	0.0082
OHI9-SS2	04/09/05	2.29	0.006	ND(0.0043)U	ND(0.005)U	ND(0.005)U	ND(0.005)U	0.0085	ND(0.0056)	0.011
WAS1-SS1	04/01/05	2.53	0.0075	0.028	0.012	0.026	0.015	0.025	0.02	0.042

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Table 4a. Soil-Gas Analytical Results for Sub-Slab Samples Summary Table, Constituents Commonly Found in Gasoline, Chevron Cincinnati Facility, Hooven, Ohio.

Sub-Slab Sample ID	Date	TO-15 Dilution Factor	Benzene (mg/m³)	Toluene (mg/m³)	Ethylbenzene (mg/m³)	m,p-Xylene (mg/m³)	o-Xylene (mg/m³)	Hexane (mg/m³)	1,3,5-Trimethylbenzene (mg/m³)	1,2,4-Trimethylbenzene (mg/m³)
WAS1-SS2	04/01/05	2.42	0.0039	0.0085	ND(0.0052)	ND(0.0052)	ND(0.0052)	ND(0.0043)	ND(0.0059)	ND(0.0059)
WAS2-SS1	03/30/05	2.82	0.0061	0.0088	0.0079	0.013	0.0082	0.0083	ND(0.0069)	0.014
WAS2-SS1 Dup	03/30/05	2.38	0.0056	0.0091	0.0072	0.012	0.0076	0.008	ND(0.0058)	0.015
WAS2-SS2	03/30/05	2.58	0.011	ND(0.0049)	ND(0.0056)	0.0059	0.0082	ND(0.0045)	ND(0.0063)	0.014

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Table 4a. Soil-Gas Analytical Results for Sub-Slab Samples Summary Table, Constituents Commonly Found in Gasoline, Chevron Cincinnati Facility, Hooven, Ohio.

Sub-Slab Sample ID	Date	TO-15 Dilution Factor	Naphthalene (mg/m³)	Cyclohexane (mg/m³)	Heptane (mg/m³)	Styrene (mg/m³)	2,2,4-Trimethylpentane (mg/m³)	Isopropylbenzene (mg/m³)	n-Propylbenzene (mg/m³)	1,2-Dichloroethane (mg/m³)
ADA1-SS1	03/28/05	2.20	ND(0.023)	0.0047 J	0.0076 J	ND(0.0047)	ND(0.0051)	ND(0.0054)	ND(0.0054)	ND(0.0044)
ADA1-SS2	03/28/05	2.29	ND(0.024)	0.0062	0.0059	ND(0.0049)	ND(0.0053)	ND(0.0056)	ND(0.0056)	ND(0.0046)
CHI10-SS1	04/16/05	2.20	ND(0.023)	ND(0.0038)	ND(0.0045)	ND(0.0047)	ND(0.0051)	ND(0.0054)	ND(0.0054)	ND(0.0044)
CHI10-SS2	04/16/05	2.20	ND(0.023)	ND(0.0038)	ND(0.0045)	ND(0.0047)	ND(0.0051)	ND(0.0054)	ND(0.0054)	ND(0.0044)
CHI1-SS1	03/22/05	2.05	ND(0.021)R	ND(0.0035)R	ND(0.0042)R	ND(0.0044)R	ND(0.0048)R	ND(0.005)R	ND(0.005)R	ND(0.0041)R
CHI1-SS2	03/22/05	2.69	ND(0.028)	ND(0.0046)	ND(0.0055)	ND(0.0057)	ND(0.0063)	ND(0.0066)	ND(0.0066)	ND(0.0054)
CHI2-SS1	03/29/05	2.47	ND(0.026)	0.013	0.0093	ND(0.0053)	ND(0.0058)	ND(0.0061)	ND(0.0061)	ND(0.005)
CHI2-SS2	03/29/05	2.64	ND(0.028)	ND(0.0045)	0.0063	ND(0.0056)	ND(0.0062)	ND(0.0065)	ND(0.0065)	ND(0.0053)
CHI2-SS2 Dup	03/29/05	2.64	ND(0.028)	0.0046	0.0069	ND(0.0056)	ND(0.0062)	ND(0.0065)	ND(0.0065)	ND(0.0053)
CHI3-SS1	03/29/05	2.38	ND(0.025)	ND(0.0041)	0.0096	ND(0.0051)	ND(0.0056)	ND(0.0058)	ND(0.0058)	ND(0.0048)
CHI3-SS1 Dup	03/28/05	2.47	0.039	0.0047	0.013	ND(0.0053)J	ND(0.0058)	ND(0.0061)	ND(0.0061)	ND(0.005)
CHI3-SS2	03/28/05	2.38	ND(0.025)	ND(0.0041)	ND(0.0049)	ND(0.0051)	ND(0.0056)	ND(0.0058)	ND(0.0058)	ND(0.0048)
CHI4-SS1	03/22/05	2.24	ND(0.023)R	ND(0.0038)R	ND(0.0046)R	ND(0.0048)R	ND(0.0052)R	ND(0.0055)R	ND(0.0055)R	ND(0.0045)R
	05/04/05	2.58	ND(0.027)	ND(0.0044)	ND(0.0053)	ND(0.0055)	ND(0.006)	ND(0.0063)	ND(0.0063)	ND(0.0052)
CHI4-SS1 Rep	03/22/05	2.05	ND(0.021)	ND(0.0035)	ND(0.0042)	ND(0.0044)R	ND(0.0048)	ND(0.005)	ND(0.005)	ND(0.0041)
CHI4-SS2	03/22/05	2.69	ND(0.028)R	ND(0.0046)R	ND(0.0055)R	ND(0.0057)R	ND(0.0063)R	ND(0.0066)R	ND(0.0066)R	ND(0.0054)R
	05/04/05	2.24	ND(0.023)	ND(0.0038)	ND(0.0046)	ND(0.0048)	ND(0.0052)	ND(0.0055)	ND(0.0055)	ND(0.0045)
CHI5-SS1	03/30/05	2.58	ND(0.027)	ND(0.0044)	ND(0.0053)	ND(0.0055)	ND(0.006)	ND(0.0063)	ND(0.0063)	ND(0.0052)
CHI5-SS1 Dup	03/30/05	2.42	ND(0.025)	ND(0.0042)	ND(0.005)	ND(0.0052)	ND(0.0056)	ND(0.0059)	ND(0.0059)	ND(0.0049)
CHI5-SS2	03/30/05	2.47	ND(0.026)	ND(0.0042)	ND(0.0051)	ND(0.0053)J	ND(0.0058)	ND(0.0061)	ND(0.0061)	ND(0.005)
CHI6-SS1	03/29/05	2.24	ND(0.023)	0.015	0.0068	ND(0.0048)	ND(0.0052)	ND(0.0055)	ND(0.0055)	ND(0.0045)
CHI6-SS2	03/29/05	2.47	ND(0.026)	ND(0.0042)	ND(0.0051)	ND(0.0053)	ND(0.0058)	ND(0.0061)	ND(0.0061)	ND(0.005)
CHI8-SS1	03/28/05	2.69	ND(0.028)	0.0078	0.0063	ND(0.0057)J	ND(0.0063)	ND(0.0066)	ND(0.0066)	ND(0.0054)
CHI8-SS2	03/28/05	2.33	ND(0.024)	ND(0.004)	ND(0.0048)	ND(0.005)J	ND(0.0054)	ND(0.0057)	0.0064	ND(0.0047)
CHI8-SS3	03/28/05	2.33	ND(0.024)	0.0096	0.018	ND(0.005)J	ND(0.0054)	ND(0.0057)	ND(0.0057)	ND(0.0047)
CHI8-SS4	03/28/05	2.53	ND(0.026)	ND(0.0044)	0.006	ND(0.0054)J	ND(0.0059)	ND(0.0062)	ND(0.0062)	ND(0.0051)
CHI8-SS4 Dup	03/28/05	2.29	ND(0.024)	0.0056	0.01	ND(0.0049)J	ND(0.0053)	ND(0.0056)	ND(0.0056)	ND(0.0046)
CHI9-SS1	04/01/05	2.47	0.1	0.02	0.035	ND(0.0053)	ND(0.0058)	ND(0.0061)	0.011	ND(0.005)
HOO1-SS1	03/23/05	2.42	ND(0.025)R	0.0084 R	0.017 R	ND(0.0052)R	ND(0.0056)R	ND(0.0059)R	ND(0.0059)R	ND(0.0049)R
	05/03/05	2.24	ND(0.023)	0.016	0.023	ND(0.0048)	ND(0.0052)	ND(0.0055)	ND(0.0055)	ND(0.0045)
HOO1-SS2	03/23/05	2.42	ND(0.025)R	ND(0.0042)R	ND(0.005)R	ND(0.0052)R	ND(0.0056)R	ND(0.0059)R	ND(0.0059)R	ND(0.0049)R
	05/03/05	2.29	ND(0.024)	0.021	0.025	ND(0.0049)	ND(0.0053)	0.0066	0.015	ND(0.0046)
HOO1-SS2 Dup	05/03/05	2.24	ND(0.023)	0.021	0.023	ND(0.0048)	ND(0.0052)	ND(0.0055)	0.0065	ND(0.0045)

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Table 4a. Soil-Gas Analytical Results for Sub-Slab Samples Summary Table, Constituents Commonly Found in Gasoline, Chevron Cincinnati Facility, Hooven, Ohio.

Sub-Slab Sample ID	Date	TO-15 Dilution Factor	Naphthalene (mg/m³)	Cyclohexane (mg/m³)	Heptane (mg/m³)	Styrene (mg/m³)	2,2,4-Trimethylpentane (mg/m³)	Isopropylbenzene (mg/m³)	n-Propylbenzene (mg/m³)	1,2-Dichloroethane (mg/m³)
HOO2-SS1	03/25/05	2.64	ND(0.028)	ND(0.0045)	ND(0.0054)	ND(0.0056)J	ND(0.0062)	ND(0.0065)	ND(0.0065)	ND(0.0053)
HOO2-SS2	03/25/05	2.42	ND(0.025)	ND(0.0042)	ND(0.005)	ND(0.0052)J	ND(0.0056)	ND(0.0059)	ND(0.0059)	ND(0.0049)
HOO3-SS1	03/23/05	2.76	ND(0.029)R	0.0089 R	0.013 R	ND(0.0059)R	ND(0.0064)R	ND(0.0068)R	ND(0.0068)R	ND(0.0056)R
	05/11/05	2.38	ND(0.025)J	0.012	0.012	ND(0.0051)	ND(0.0056)	ND(0.0058)	ND(0.0058)	ND(0.0048)
HOO3-SS2	03/23/05	2.58	ND(0.027)R	ND(0.0044)R	0.0061 R	ND(0.0055)R	ND(0.006)R	ND(0.0063)R	ND(0.0063)R	ND(0.0052)R
	05/11/05	2.38	ND(0.025)J	0.0075	0.012	ND(0.0051)	ND(0.0056)	ND(0.0058)	ND(0.0058)	ND(0.0048)
HOO3-SS2 Dup	03/23/05	2.47	ND(0.026)	ND(0.0042)	ND(0.0051)	ND(0.0053)	ND(0.0058)	ND(0.0061)	ND(0.0061)	ND(0.005)
HOO4-SS1	03/23/05	2.64	ND(0.028)	0.033	0.05	ND(0.0056)	ND(0.0062)	0.032	0.059	ND(0.0053)
HOO4-SS1 Dup	03/23/05	2.58	ND(0.027)	0.027	0.032	ND(0.0055)	ND(0.006)	0.024	0.047	ND(0.0052)
HOO4-SS2	03/23/05	2.33	ND(0.024)	0.11	0.17	ND(0.005)	ND(0.0054)	0.036	0.064	ND(0.0047)
HOO5-SS1	03/24/05	2.64	ND(0.028)	0.0047	0.0092	ND(0.0056)	ND(0.0062)	ND(0.0065)	ND(0.0065)	ND(0.0053)
HOO5-SS1 Dup	03/24/05	2.05	ND(0.021)	0.0047	0.0084	ND(0.0044)	ND(0.0048)	ND(0.005)	ND(0.005)	ND(0.0041)
HOO5-SS2	03/24/05	2.47	ND(0.026)	ND(0.0042)	ND(0.0051)	ND(0.0053)	ND(0.0058)	ND(0.0061)	ND(0.0061)	ND(0.005)
HOO8-SS1	04/05/05	2.53	ND(0.026)	ND(0.0044)	ND(0.0052)	ND(0.0054)	ND(0.0059)	ND(0.0062)	ND(0.0062)	ND(0.0051)
HOO8-SS2	04/05/05	2.53	ND(0.026)	ND(0.0044)	ND(0.0052)	ND(0.0054)	ND(0.0059)	ND(0.0062)	ND(0.0062)	ND(0.0051)
HOO9-SS1	03/31/05	2.64	ND(0.028)	ND(0.0045)	ND(0.0054)	ND(0.0056)	ND(0.0062)	ND(0.0065)	ND(0.0065)	ND(0.0053)
HOO9-SS1 Dup	03/31/05	2.76	ND(0.029)	ND(0.0048)	ND(0.0056)	ND(0.0059)	ND(0.0064)	ND(0.0068)	ND(0.0068)	ND(0.0056)
HOO12-SS1	03/30/05	2.47	ND(0.026)	ND(0.0042)	ND(0.0051)	ND(0.0053)	ND(0.0058)	ND(0.0061)	ND(0.0061)	ND(0.005)
HOO12-SS2	03/30/05	2.64	ND(0.028)	ND(0.0045)	ND(0.0054)	ND(0.0056)	ND(0.0062)	ND(0.0065)	ND(0.0065)	ND(0.0053)
HOO15-SS1	03/30/05	2.38	ND(0.025)	0.0083	0.0082	ND(0.0051)	ND(0.0056)	ND(0.0058)	ND(0.0058)	ND(0.0048)
HOO15-SS2	03/30/05	2.38	ND(0.025)	ND(0.0041)	ND(0.0049)	ND(0.0051)	ND(0.0056)	ND(0.0058)	ND(0.0058)	ND(0.0048)
HOO16-SS1	04/02/05	2.24	ND(0.023)	ND(0.0038)	ND(0.0046)	ND(0.0048)	ND(0.0052)	ND(0.0055)	ND(0.0055)	ND(0.0045)
	05/04/05	2.16	ND(0.023)	ND(0.0037)	ND(0.0044)	ND(0.0046)	ND(0.005)	ND(0.0053)	ND(0.0053)	ND(0.0044)
HOO16-SS2	04/02/05	2.47	ND(0.026)	ND(0.0042)	ND(0.0051)	ND(0.0053)	ND(0.0058)	ND(0.0061)	ND(0.0061)	ND(0.005)
	05/04/05	2.42	ND(0.025)	ND(0.0042)	ND(0.005)	ND(0.0052)	ND(0.0056)	ND(0.0059)	ND(0.0059)	ND(0.0049)
HOO16-SS2 Dup	05/04/05	2.24	ND(0.023)	ND(0.0038)	ND(0.0046)	ND(0.0048)	ND(0.0052)	ND(0.0055)	ND(0.0055)	ND(0.0045)
HOO17-SS1	04/02/05	2.53	ND(0.026)	ND(0.0044)	ND(0.0052)	ND(0.0054)	ND(0.0059)	ND(0.0062)	ND(0.0062)	ND(0.0051)
HOO18-SS1	04/14/05	2.64	ND(0.028)	ND(0.0045)	ND(0.0054)	ND(0.0056)	ND(0.0062)	ND(0.0065)	ND(0.0065)	ND(0.0053)
HOO18-SS1 Dup	04/14/05	2.53	ND(0.026)	ND(0.0044)	ND(0.0052)	ND(0.0054)	ND(0.0059)	ND(0.0062)	ND(0.0062)	ND(0.0051)
HOO19-SS1	04/07/05	2.38	ND(0.025)J	ND(0.0041)	0.0089	ND(0.0051)	0.011 J	ND(0.0058)	ND(0.0058)	ND(0.0048)
HOO19-SS2	04/07/05	2.82	ND(0.03)J	0.015	0.018	ND(0.006)	ND(0.0066)	ND(0.0069)	ND(0.0069)	ND(0.0057)
HOO20-SS1	04/09/05	2.33	ND(0.024)	0.012	0.015	ND(0.005)	ND(0.0054)	ND(0.0057)	ND(0.0057)	ND(0.0047)
HOO20-SS2	04/09/05	2.76	ND(0.029)J	0.011 J	0.011 J	ND(0.0059)J	ND(0.0064)J	ND(0.0068)J	ND(0.0068)J	ND(0.0056)J

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Table 4a. Soil-Gas Analytical Results for Sub-Slab Samples Summary Table, Constituents Commonly Found in Gasoline, Chevron Cincinnati Facility, Hooven, Ohio.

Sub-Slab Sample ID	Date	TO-15 Dilution Factor	Naphthalene (mg/m³)	Cyclohexane (mg/m³)	Heptane (mg/m³)	Styrene (mg/m³)	2,2,4-Trimethylpentane (mg/m³)	Isopropylbenzene (mg/m³)	n-Propylbenzene (mg/m³)	1,2-Dichloroethane (mg/m³)
JEF1-SS1	03/29/05	2.89	ND(0.03)	ND(0.005)	ND(0.0059)	ND(0.0062)	ND(0.0068)	ND(0.0071)	ND(0.0071)	ND(0.0058)
JEF1-SS2	03/29/05	2.64	ND(0.028)	ND(0.0045)	ND(0.0054)	ND(0.0056)	ND(0.0062)	ND(0.0065)	ND(0.0065)	ND(0.0053)
JEF2-SS1	04/05/05	2.42	ND(0.025)	0.027	0.028	ND(0.0052)	ND(0.0056)	ND(0.0059)	0.0076	ND(0.0049)
JEF2-SS2	04/05/05	2.47	0.028	ND(0.0042)	ND(0.0051)	ND(0.0053)	ND(0.0058)	ND(0.0061)	ND(0.0061)	ND(0.005)
MON2-SS1	03/24/05	2.42	ND(0.025)	ND(0.0042)	0.007	ND(0.0052)	ND(0.0056)	ND(0.0059)	ND(0.0059)	ND(0.0049)
	03/26/05	2.33	ND(0.024)	ND(0.004)	ND(0.0048)	ND(0.005)J	ND(0.0054)	ND(0.0057)	ND(0.0057)	ND(0.0047)
MON2-SS2	03/24/05	2.58	ND(0.027)	0.011	0.013	ND(0.0055)	ND(0.006)	ND(0.0063)	ND(0.0063)	ND(0.0052)
	03/26/05	2.24	ND(0.023)	0.0041	0.0087	ND(0.0048)J	ND(0.0052)	ND(0.0055)	ND(0.0055)	ND(0.0045)
MON3-SS1	03/31/05	2.29	ND(0.024)	ND(0.0039)	0.0066	ND(0.0049)J	ND(0.0053)	ND(0.0056)	ND(0.0056)	ND(0.0046)
MON3-SS1 Dup	03/31/05	2.47	ND(0.026)	ND(0.0042)	0.0058	ND(0.0053)J	ND(0.0058)	ND(0.0061)	ND(0.0061)	ND(0.005)
MON3-SS2	03/31/05	2.47	ND(0.026)	ND(0.0042)	ND(0.0051)	ND(0.0053)J	ND(0.0058)	ND(0.0061)	ND(0.0061)	ND(0.005)
OHI2-SS1	03/24/05	2.47	ND(0.026)	ND(0.0042)	ND(0.0051)	ND(0.0053)	ND(0.0058)	ND(0.0061)	ND(0.0061)	ND(0.005)
OHI2-SS2	03/24/05	2.47	ND(0.026)	ND(0.0042)	ND(0.0051)	ND(0.0053)	ND(0.0058)	ND(0.0061)	ND(0.0061)	ND(0.005)
OHI3-SS1	04/01/05	2.76	ND(0.029)	ND(0.0048)	ND(0.0056)	ND(0.0059)	ND(0.0064)	ND(0.0068)	ND(0.0068)	ND(0.0056)
OHI3-SS1 Dup	04/01/05	2.16	ND(0.023)	ND(0.0037)	ND(0.0044)	ND(0.0046)	ND(0.005)	ND(0.0053)	ND(0.0053)	ND(0.0044)
OHI3-SS2	04/01/05	2.47	ND(0.026)	ND(0.0042)	ND(0.0051)	ND(0.0053)	ND(0.0058)	ND(0.0061)	ND(0.0061)	ND(0.005)
OHI4-SS1	03/25/05	2.42	ND(0.025)	ND(0.0042)	ND(0.005)	ND(0.0052)J	ND(0.0056)	ND(0.0059)	ND(0.0059)	ND(0.0049)
OHI5-SS1	04/02/05	2.24	ND(0.023)	0.0069	0.0083	ND(0.0048)	ND(0.0052)	ND(0.0055)	ND(0.0055)	ND(0.0045)
	05/03/05	2.38	ND(0.025)	0.016	0.016	ND(0.0051)	ND(0.0056)	ND(0.0058)	0.0098	ND(0.0048)
OHI5-SS2	04/02/05	2.38	ND(0.025)	ND(0.0041)	ND(0.0049)	ND(0.0051)	ND(0.0056)	ND(0.0058)	ND(0.0058)	ND(0.0048)
	05/03/05	2.24	ND(0.023)	0.0067	0.0063	ND(0.0048)	ND(0.0052)	ND(0.0055)	0.0059	ND(0.0045)
OHI6-SS1	04/01/05	2.38	ND(0.025)	0.0052	0.0074	ND(0.0051)	ND(0.0056)	ND(0.0058)	ND(0.0058)	ND(0.0048)
OHI6-SS1 Dup	04/01/05	3.14	ND(0.033)	ND(0.0054)	0.0066	ND(0.0067)	ND(0.0073)	ND(0.0077)	ND(0.0077)	ND(0.0064)
OHI6-SS2	04/01/05	2.53	ND(0.026)	ND(0.0044)	ND(0.0052)	ND(0.0054)	ND(0.0059)	ND(0.0062)	ND(0.0062)	ND(0.0051)
OHI6-SS2 Dup	04/02/05	2.33	ND(0.024)	ND(0.004)	ND(0.0048)	ND(0.005)	ND(0.0054)	ND(0.0057)	ND(0.0057)	ND(0.0047)
OHI7-SS1	04/07/05	2.64	ND(0.028)	0.0051	0.008	ND(0.0056)	ND(0.0062)	ND(0.0065)	ND(0.0065)	ND(0.0053)
OHI7-SS2	04/07/05	2.82	ND(0.03)	0.0058	ND(0.0058)	ND(0.006)	ND(0.0066)	ND(0.0069)	ND(0.0069)	ND(0.0057)
OHI7-SS2 Dup	04/07/05	2.58	ND(0.027)	0.0059	ND(0.0053)	ND(0.0055)	ND(0.006)	ND(0.0063)	ND(0.0063)	ND(0.0052)
OHI8-SS1	04/11/05	2.69	ND(0.028)	0.0054	0.0076	ND(0.0057)J	ND(0.0063)	ND(0.0066)	ND(0.0066)	ND(0.0054)
OHI8-SS2	04/11/05	2.42	ND(0.025)	ND(0.0042)	ND(0.005)	ND(0.0052)J	ND(0.0056)	ND(0.0059)	ND(0.0059)	ND(0.0049)
OHI9-SS1	04/09/05	2.20	ND(0.023)	0.0058	0.0068	ND(0.0047)	ND(0.0051)	ND(0.0054)	ND(0.0054)	ND(0.0044)
OHI9-SS2	04/09/05	2.29	ND(0.024)	0.0046	0.0069	ND(0.0049)	ND(0.0053)	ND(0.0056)	ND(0.0056)	ND(0.0046)
WAS1-SS1	04/01/05	2.53	ND(0.026)	0.019	0.022	ND(0.0054)	ND(0.0059)	ND(0.0062)	0.0065	ND(0.0051)

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Table 4a. Soil-Gas Analytical Results for Sub-Slab Samples Summary Table, Constituents Commonly Found in Gasoline, Chevron Cincinnati Facility, Hooven, Ohio.

Sub-Slab Sample ID	Date	TO-15 Dilution Factor	Naphthalene (mg/m³)	Cyclohexane (mg/m³)	Heptane (mg/m³)	Styrene (mg/m³)	2,2,4-Trimethylpentane (mg/m³)	Isopropylbenzene (mg/m³)	n-Propylbenzene (mg/m³)	1,2-Dichloroethane (mg/m³)
WAS1-SS2	04/01/05	2.42	ND(0.025)	ND(0.0042)	ND(0.005)	ND(0.0052)	ND(0.0056)	ND(0.0059)	ND(0.0059)	ND(0.0049)
WAS2-SS1	03/30/05	2.82	ND(0.03)	ND(0.0048)	0.0093	ND(0.006)J	ND(0.0066)	ND(0.0069)	ND(0.0069)	ND(0.0057)
WAS2-SS1 Dup	03/30/05	2.38	ND(0.025)	ND(0.0041)	0.0097	ND(0.0051)J	ND(0.0056)	ND(0.0058)	ND(0.0058)	ND(0.0048)
WAS2-SS2	03/30/05	2.58	ND(0.027)	ND(0.0044)	ND(0.0053)	ND(0.0055)J	ND(0.006)	ND(0.0063)	ND(0.0063)	ND(0.0052)

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Table 4a. Soil-Gas Analytical Results for Sub-Slab Samples Summary Table, Constituents Commonly Found in Gasoline, Chevron Cincinnati Facility, Hooven, Ohio.

Sub-Slab Sample ID	Date	TO-15 Dilution Factor	1,2-Dibromoethane (mg/m³)	MTBE (mg/m³)	4-Ethyltoluene (mg/m³)	1,3-Butadiene (mg/m³)
ADA1-SS1	03/28/05	2.20	ND(0.0084)	ND(0.004)	0.0063 J	ND(0.0024)
ADA1-SS2	03/28/05	2.29	ND(0.0088)	ND(0.0041)	0.0059	ND(0.0025)
CHI10-SS1	04/16/05	2.20	ND(0.0084)	ND(0.004)	ND(0.0054)	ND(0.0024)
CHI10-SS2	04/16/05	2.20	ND(0.0084)	ND(0.004)	0.0066	ND(0.0024)
CHI1-SS1	03/22/05	2.05	ND(0.0079)R	ND(0.0037)R	ND(0.005)R	ND(0.0023)R
CHI1-SS2	03/22/05	2.69	ND(0.01)	ND(0.0048)	ND(0.0066)	ND(0.003)
CHI2-SS1	03/29/05	2.47	ND(0.0095)	ND(0.0044)	ND(0.0061)	ND(0.0027)
CHI2-SS2	03/29/05	2.64	ND(0.01)	ND(0.0048)	ND(0.0065)	ND(0.0029)
CHI2-SS2 Dup	03/29/05	2.64	ND(0.01)	ND(0.0048)	ND(0.0065)	ND(0.0029)
CHI3-SS1	03/29/05	2.38	ND(0.0091)	ND(0.0043)	0.0085	ND(0.0026)
CHI3-SS1 Dup	03/28/05	2.47	ND(0.0095)	ND(0.0044)	0.015	ND(0.0027)
CHI3-SS2	03/28/05	2.38	ND(0.0091)	ND(0.0043)	ND(0.0058)	ND(0.0026)
CHI4-SS1	03/22/05	2.24	ND(0.0086)R	ND(0.004)R	ND(0.0055)R	ND(0.0025)R
	05/04/05	2.58	ND(0.0099)	ND(0.0046)	ND(0.0063)	ND(0.0028)
CHI4-SS1 Rep	03/22/05	2.05	ND(0.0079)	ND(0.0037)	ND(0.005)	ND(0.0023)
CHI4-SS2	03/22/05	2.69	ND(0.01)R	ND(0.0048)R	ND(0.0066)R	ND(0.003)R
	05/04/05	2.24	ND(0.0086)	ND(0.004)	ND(0.0055)	ND(0.0025)
CHI5-SS1	03/30/05	2.58	ND(0.0099)	ND(0.0046)	ND(0.0063)	ND(0.0028)
CHI5-SS1 Dup	03/30/05	2.42	ND(0.0093)	ND(0.0044)	ND(0.0059)	ND(0.0027)
CHI5-SS2	03/30/05	2.47	ND(0.0095)	ND(0.0044)	0.0098	ND(0.0027)
CHI6-SS1	03/29/05	2.24	ND(0.0086)	ND(0.004)	ND(0.0055)	ND(0.0025)
CHI6-SS2	03/29/05	2.47	ND(0.0095)	ND(0.0044)	ND(0.0061)	ND(0.0027)
CHI8-SS1	03/28/05	2.69	ND(0.01)	ND(0.0048)	0.0087	ND(0.003)
CHI8-SS2	03/28/05	2.33	ND(0.009)	ND(0.0042)	0.014	ND(0.0026)
CHI8-SS3	03/28/05	2.33	ND(0.009)	ND(0.0042)	0.015	ND(0.0026)
CHI8-SS4	03/28/05	2.53	ND(0.0097)	ND(0.0046)	0.0071	ND(0.0028)
CHI8-SS4 Dup	03/28/05	2.29	ND(0.0088)	ND(0.0041)	0.013	ND(0.0025)
CHI9-SS1	04/01/05	2.47	ND(0.0095)	ND(0.0044)	0.078	ND(0.0027)
HOO1-SS1	03/23/05	2.42	ND(0.0093)R	ND(0.0044)R	0.006 R	ND(0.0027)R
	05/03/05	2.24	ND(0.0086)	0.026	0.0078	ND(0.0025)
HOO1-SS2	03/23/05	2.42	ND(0.0093)R	ND(0.0044)R	ND(0.0059)R	ND(0.0027)R
	05/03/05	2.29	ND(0.0088)	0.021	0.068	ND(0.0025)
HOO1-SS2 Dup	05/03/05	2.24	ND(0.0086)	0.026	0.018	ND(0.0025)

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Table 4a. Soil-Gas Analytical Results for Sub-Slab Samples Summary Table, Constituents Commonly Found in Gasoline, Chevron Cincinnati Facility, Hooven, Ohio.

Sub-Slab Sample ID	Date	TO-15 Dilution Factor	1,2-Dibromoethane (mg/m³)	MTBE (mg/m³)	4-Ethyltoluene (mg/m³)	1,3-Butadiene (mg/m³)
HOO2-SS1	03/25/05	2.64	ND(0.01)	ND(0.0048)	ND(0.0065)	ND(0.0029)
HOO2-SS2	03/25/05	2.42	ND(0.0093)	ND(0.0044)	ND(0.0059)	ND(0.0027)
HOO3-SS1	03/23/05	2.76	ND(0.011)R	ND(0.005)R	0.0067 R	ND(0.003)R
	05/11/05	2.38	ND(0.0091)	ND(0.0043)	ND(0.0058)	ND(0.0026)
HOO3-SS2	03/23/05	2.58	ND(0.0099)R	ND(0.0046)R	ND(0.0063)R	ND(0.0028)R
	05/11/05	2.38	ND(0.0091)	ND(0.0043)	0.019	ND(0.0026)
HOO3-SS2 Dup	03/23/05	2.47	ND(0.0095)	ND(0.0044)	ND(0.0061)	ND(0.0027)
HOO4-SS1	03/23/05	2.64	ND(0.01)	ND(0.0048)	0.32	ND(0.0029)
HOO4-SS1 Dup	03/23/05	2.58	ND(0.0099)	ND(0.0046)	0.25	ND(0.0028)
HOO4-SS2	03/23/05	2.33	ND(0.009)	ND(0.0042)	0.36	ND(0.0026)
HOO5-SS1	03/24/05	2.64	ND(0.01)	ND(0.0048)	0.0078	ND(0.0029)
HOO5-SS1 Dup	03/24/05	2.05	ND(0.0079)	ND(0.0037)	0.0078	ND(0.0023)
HOO5-SS2	03/24/05	2.47	ND(0.0095)	ND(0.0044)	ND(0.0061)	ND(0.0027)
HOO8-SS1	04/05/05	2.53	ND(0.0097)	ND(0.0046)	ND(0.0062)	ND(0.0028)
HOO8-SS2	04/05/05	2.53	ND(0.0097)	ND(0.0046)	ND(0.0062)	ND(0.0028)
HOO9-SS1	03/31/05	2.64	ND(0.01)	ND(0.0048)	ND(0.0065)	ND(0.0029)
HOO9-SS1 Dup	03/31/05	2.76	ND(0.011)	ND(0.005)	ND(0.0068)	ND(0.003)
HOO12-SS1	03/30/05	2.47	ND(0.0095)	ND(0.0044)	ND(0.0061)	ND(0.0027)
HOO12-SS2	03/30/05	2.64	ND(0.01)	ND(0.0048)	0.012	ND(0.0029)
HOO15-SS1	03/30/05	2.38	ND(0.0091)	ND(0.0043)	ND(0.0058)	ND(0.0026)
HOO15-SS2	03/30/05	2.38	ND(0.0091)	ND(0.0043)	ND(0.0058)	ND(0.0026)
HOO16-SS1	04/02/05	2.24	ND(0.0086)	ND(0.004)	ND(0.0055)	ND(0.0025)
	05/04/05	2.16	ND(0.0083)	ND(0.0039)	ND(0.0053)	ND(0.0024)
HOO16-SS2	04/02/05	2.47	ND(0.0095)	ND(0.0044)	ND(0.0061)	ND(0.0027)
	05/04/05	2.42	ND(0.0093)	ND(0.0044)	ND(0.0059)	ND(0.0027)
HOO16-SS2 Du	05/04/05	2.24	ND(0.0086)	ND(0.004)	ND(0.0055)	ND(0.0025)
HOO17-SS1	04/02/05	2.53	ND(0.0097)	ND(0.0046)	ND(0.0062)	ND(0.0028)
HOO18-SS1	04/14/05	2.64	ND(0.01)	ND(0.0048)	ND(0.0065)	ND(0.0029)
HOO18-SS1 Du	04/14/05	2.53	ND(0.0097)	ND(0.0046)	ND(0.0062)	ND(0.0028)
HOO19-SS1	04/07/05	2.38	ND(0.0091)	ND(0.0043)	0.0094	ND(0.0026)
HOO19-SS2	04/07/05	2.82	ND(0.011)	ND(0.0051)	ND(0.0069)	ND(0.0031)
HOO20-SS1	04/09/05	2.33	ND(0.009)	ND(0.0042)	ND(0.0057)U	ND(0.0026)
HOO20-SS2	04/09/05	2.76	ND(0.011)J	ND(0.005)J	ND(0.0068)J	ND(0.003)J

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Table 4a. Soil-Gas Analytical Results for Sub-Slab Samples Summary Table, Constituents Commonly Found in Gasoline, Chevron Cincinnati Facility, Hooven, Ohio.

Sub-Slab Sample ID	Date	TO-15 Dilution Factor	1,2-Dibromoethane (mg/m³)	MTBE (mg/m³)	4-Ethyltoluene (mg/m³)	1,3-Butadiene (mg/m³)
JEF1-SS1	03/29/05	2.89	ND(0.011)	ND(0.0052)	ND(0.0071)	ND(0.0032)
JEF1-SS2	03/29/05	2.64	ND(0.01)	ND(0.0048)	ND(0.0065)	ND(0.0029)
JEF2-SS1	04/05/05	2.42	ND(0.0093)	ND(0.0044)	0.014	ND(0.0027)
JEF2-SS2	04/05/05	2.47	ND(0.0095)	ND(0.0044)	ND(0.0061)	ND(0.0027)
MON2-SS1	03/24/05	2.42	ND(0.0093)	ND(0.0044)	0.0075	ND(0.0027)
	03/26/05	2.33	ND(0.009)	ND(0.0042)	ND(0.0057)	ND(0.0026)
MON2-SS2	03/24/05	2.58	ND(0.0099)	ND(0.0046)	0.0069	ND(0.0028)
	03/26/05	2.24	ND(0.0086)	ND(0.004)	0.0065	ND(0.0025)
MON3-SS1	03/31/05	2.29	ND(0.0088)	ND(0.0041)	ND(0.0056)	ND(0.0025)
MON3-SS1 Dup	03/31/05	2.47	ND(0.0095)	ND(0.0044)	ND(0.0061)	ND(0.0027)
MON3-SS2	03/31/05	2.47	ND(0.0095)	ND(0.0044)	ND(0.0061)	ND(0.0027)
OHI2-SS1	03/24/05	2.47	ND(0.0095)	ND(0.0044)	ND(0.0061)	ND(0.0027)
OHI2-SS2	03/24/05	2.47	ND(0.0095)	ND(0.0044)	ND(0.0061)	ND(0.0027)
OHI3-SS1	04/01/05	2.76	ND(0.011)	ND(0.005)	ND(0.0068)	ND(0.003)
OHI3-SS1 Dup	04/01/05	2.16	ND(0.0083)	ND(0.0039)	0.0098	ND(0.0024)
OHI3-SS2	04/01/05	2.47	ND(0.0095)	ND(0.0044)	ND(0.0061)	ND(0.0027)
OHI4-SS1	03/25/05	2.42	ND(0.0093)	ND(0.0044)	ND(0.0059)	ND(0.0027)
OHI5-SS1	04/02/05	2.24	ND(0.0086)	ND(0.004)	ND(0.0055)	ND(0.0025)
	05/03/05	2.38	ND(0.0091)	ND(0.0043)	0.046	ND(0.0026)
OHI5-SS2	04/02/05	2.38	ND(0.0091)	ND(0.0043)	ND(0.0058)	ND(0.0026)
	05/03/05	2.24	ND(0.0086)	ND(0.004)	0.029	ND(0.0025)
OHI6-SS1	04/01/05	2.38	ND(0.0091)	ND(0.0043)	0.0062	ND(0.0026)
OHI6-SS1 Dup	04/01/05	3.14	ND(0.012)	ND(0.0057)	ND(0.0077)	ND(0.0035)
OHI6-SS2	04/01/05	2.53	ND(0.0097)	ND(0.0046)	ND(0.0062)	ND(0.0028)
OHI6-SS2 Dup	04/02/05	2.33	ND(0.009)	ND(0.0042)	ND(0.0057)	ND(0.0026)
OHI7-SS1	04/07/05	2.64	ND(0.01)	ND(0.0048)	ND(0.0065)	ND(0.0029)
OHI7-SS2	04/07/05	2.82	ND(0.011)	ND(0.0051)	ND(0.0069)	ND(0.0031)
OHI7-SS2 Dup	04/07/05	2.58	ND(0.0099)	ND(0.0046)	ND(0.0063)	ND(0.0028)
OHI8-SS1	04/11/05	2.69	ND(0.01)	ND(0.0048)J	ND(0.0066)	ND(0.003)
OHI8-SS2	04/11/05	2.42	ND(0.0093)	ND(0.0044)J	ND(0.0059)	ND(0.0027)
OHI9-SS1	04/09/05	2.20	ND(0.0084)	ND(0.004)	0.006	ND(0.0024)
OHI9-SS2	04/09/05	2.29	ND(0.0088)	ND(0.0041)	0.0083	ND(0.0025)
WAS1-SS1	04/01/05	2.53	ND(0.0097)	ND(0.0046)	0.023	ND(0.0028)

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Table 4a. Soil-Gas Analytical Results for Sub-Slab Samples Summary Table, Constituents Commonly Found in Gasoline, Chevron Cincinnati Facility, Hooven, Ohio.

Sub-Slab Sample ID	Date	TO-15 Dilution Factor	1,2-Dibromoethane (mg/m³)	MTBE (mg/m³)	4-Ethyltoluene (mg/m³)	1,3-Butadiene (mg/m³)
WAS1-SS2	04/01/05	2.42	ND(0.0093)	ND(0.0044)	ND(0.0059)	ND(0.0027)
WAS2-SS1	03/30/05	2.82	ND(0.011)	ND(0.0051)	0.0097	ND(0.0031)
WAS2-SS1 Dup	03/30/05	2.38	ND(0.0091)	ND(0.0043)	0.0092	ND(0.0026)
WAS2-SS2	03/30/05	2.58	ND(0.0099)	ND(0.0046)	ND(0.0063)	ND(0.0028)

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Table 4b. Soil-Gas Analytical Results for Sub-Slab Samples Summary Table, Solvents, Chevron Cincinnati Facility, Hooven, Ohio.

Sub-Slab Sample ID	Date	TO-15 Dilution Factor	Acetone (mg/m³)	2-Butanone (mg/m³)	Carbon tetrachloride (mg/m³)	Chlorobenzene (mg/m³)	1,1-Dichloroethane (mg/m³)	1,1-Dichloroethene (mg/m³)	cis-1,2-Dichloroethene (mg/m³)	trans-1,2-Dichloroethene (mg/m³)
ADA1-SS1	03/28/05	2.20	0.036	0.0057 J	ND(0.0069)	ND(0.0051)	ND(0.0044)	ND(0.0044)	ND(0.0044)	ND(0.0044)
ADA1-SS2	03/28/05	2.29	0.051	0.007	ND(0.0072)	ND(0.0053)	ND(0.0046)	ND(0.0045)	ND(0.0045)	ND(0.0045)
CHI10-SS1	04/16/05	2.20	ND(0.01)U	ND(0.0032)	ND(0.0069)	ND(0.0051)	ND(0.0044)	ND(0.0044)	ND(0.0044)	ND(0.0044)
CHI10-SS2	04/16/05	2.20	ND(0.01)U	0.01	ND(0.0069)	ND(0.0051)	ND(0.0044)	ND(0.0044)	ND(0.0044)	ND(0.0044)
CHI1-SS1	03/22/05	2.05	ND(0.0097)R	ND(0.003)R	ND(0.0064)R	ND(0.0047)R	ND(0.0041)R	ND(0.0041)R	ND(0.0041)R	ND(0.0041)R
CHI1-SS2	03/22/05	2.69	0.03	0.006	ND(0.0085)	ND(0.0062)	ND(0.0054)	ND(0.0053)	ND(0.0053)	ND(0.0053)
CHI2-SS1	03/29/05	2.47	0.014	0.0038	ND(0.0078)	ND(0.0057)	ND(0.005)	ND(0.0049)	ND(0.0049)	ND(0.0049)
CHI2-SS2	03/29/05	2.64	0.022	0.005	ND(0.0083)	ND(0.0061)	ND(0.0053)	ND(0.0052)	ND(0.0052)	ND(0.0052)
CHI2-SS2 Dup	03/29/05	2.64	0.038	0.013	ND(0.0083)	ND(0.0061)	ND(0.0053)	ND(0.0052)	ND(0.0052)	ND(0.0052)
CHI3-SS1	03/29/05	2.38	0.016	0.0038	ND(0.0075)	ND(0.0055)	ND(0.0048)	ND(0.0047)	ND(0.0047)	ND(0.0047)
CHI3-SS1 Dup	03/28/05	2.47	0.032	0.009	ND(0.0078)	ND(0.0057)	ND(0.005)	ND(0.0049)	ND(0.0049)	ND(0.0049)
CHI3-SS2	03/28/05	2.38	0.025	0.0058	ND(0.0075)	ND(0.0055)	ND(0.0048)	ND(0.0047)	ND(0.0047)	ND(0.0047)
CHI4-SS1	03/22/05	2.24	0.017 R	ND(0.0033)R	ND(0.007)R	ND(0.0052)R	ND(0.0045)R	ND(0.0044)R	ND(0.0044)R	ND(0.0044)R
	05/04/05	2.58	0.018	ND(0.0038)	ND(0.0081)	ND(0.0059)	ND(0.0052)	ND(0.0051)	ND(0.0051)	ND(0.0051)
CHI4-SS1 Rep	03/22/05	2.05	0.034 J	0.0062 J	ND(0.0064)	ND(0.0047)	ND(0.0041)	ND(0.0041)	ND(0.0041)	ND(0.0041)
CHI4-SS2	03/22/05	2.69	ND(0.013)R	ND(0.004)R	ND(0.0085)R	ND(0.0062)R	ND(0.0054)R	ND(0.0053)R	ND(0.0053)R	ND(0.0053)R
	05/04/05	2.24	0.014	ND(0.0033)	ND(0.007)	ND(0.0052)	ND(0.0045)	ND(0.0044)	ND(0.0044)	ND(0.0044)
CHI5-SS1	03/30/05	2.58	ND(0.012)	0.0039	ND(0.0081)	ND(0.0059)	ND(0.0052)	ND(0.0051)	ND(0.0051)	ND(0.0051)
CHI5-SS1 Dup	03/30/05	2.42	0.022	0.0058	ND(0.0076)	ND(0.0056)	ND(0.0049)	ND(0.0048)	ND(0.0048)	ND(0.0048)
CHI5-SS2	03/30/05	2.47	0.026	0.0048	ND(0.0078)	ND(0.0057)	ND(0.005)	ND(0.0049)	ND(0.0049)	ND(0.0049)
CHI6-SS1	03/29/05	2.24	0.026	0.0091	ND(0.007)	ND(0.0052)	ND(0.0045)	ND(0.0044)	ND(0.0044)	ND(0.0044)
CHI6-SS2	03/29/05	2.47	0.026	0.0049	ND(0.0078)	ND(0.0057)	ND(0.005)	ND(0.0049)	ND(0.0049)	ND(0.0049)
CHI8-SS1	03/28/05	2.69	0.032	0.009	ND(0.0085)	ND(0.0062)	ND(0.0054)	ND(0.0053)	ND(0.0053)	ND(0.0053)
CHI8-SS2	03/28/05	2.33	0.029	0.0069	ND(0.0073)	ND(0.0054)	ND(0.0047)	ND(0.0046)	ND(0.0046)	ND(0.0046)
CHI8-SS3	03/28/05	2.33	0.18	0.019	ND(0.0073)	ND(0.0054)	ND(0.0047)	ND(0.0046)	ND(0.0046)	ND(0.0046)
CHI8-SS4	03/28/05	2.53	0.048	0.0079	ND(0.008)	ND(0.0058)	ND(0.0051)	ND(0.005)	ND(0.005)	ND(0.005)
CHI8-SS4 Dup	03/28/05	2.29	0.065	0.012	ND(0.0072)	ND(0.0053)	ND(0.0046)	ND(0.0045)	ND(0.0045)	ND(0.0045)
CHI9-SS1	04/01/05	2.47	0.14	0.03	ND(0.0078)	ND(0.0057)	ND(0.005)	ND(0.0049)	ND(0.0049)	ND(0.0049)
HOO1-SS1	03/23/05	2.42	0.021 R	0.0042 R	ND(0.0076)R	ND(0.0056)R	ND(0.0049)R	ND(0.0048)R	ND(0.0048)R	ND(0.0048)R
	05/03/05	2.24	0.026	0.0068	ND(0.007)	ND(0.0052)	ND(0.0045)	ND(0.0044)	ND(0.0044)	ND(0.0044)
HOO1-SS2	03/23/05	2.42	ND(0.011)R	ND(0.0036)R	ND(0.0076)R	ND(0.0056)R	ND(0.0049)R	ND(0.0048)R	ND(0.0048)R	ND(0.0048)R
	05/03/05	2.29	0.066	0.028	ND(0.0072)	ND(0.0053)	ND(0.0046)	ND(0.0045)	ND(0.0045)	ND(0.0045)
HOO1-SS2 Dup	05/03/05	2.24	0.016	0.0066	ND(0.007)	ND(0.0052)	ND(0.0045)	ND(0.0044)	ND(0.0044)	ND(0.0044)

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Table 4b. Soil-Gas Analytical Results for Sub-Slab Samples Summary Table, Solvents, Chevron Cincinnati Facility, Hooven, Ohio.

Sub-Slab Sample ID	Date	TO-15 Dilution Factor	Acetone (mg/m³)	2-Butanone (mg/m³)	Carbon tetrachloride (mg/m³)	Chlorobenzene (mg/m³)	1,1-Dichloroethane (mg/m³)	1,1-Dichloroethene (mg/m³)	cis-1,2-Dichloroethene (mg/m³)	trans-1,2-Dichloroethene (mg/m³)
HOO2-SS1	03/25/05	2.64	0.031	0.0059	ND(0.0083)	ND(0.0061)	ND(0.0053)	ND(0.0052)	ND(0.0052)	ND(0.0052)
HOO2-SS2	03/25/05	2.42	0.047	0.01	ND(0.0076)	ND(0.0056)	ND(0.0049)	ND(0.0048)	ND(0.0048)	ND(0.0048)
HOO3-SS1	03/23/05	2.76	0.1 R	0.014 R	ND(0.0087)R	ND(0.0064)R	ND(0.0056)R	ND(0.0055)R	ND(0.0055)R	ND(0.0055)R
	05/11/05	2.38	0.11	0.013	ND(0.0075)	ND(0.0055)	ND(0.0048)	ND(0.0047)	ND(0.0047)	ND(0.0047)
HOO3-SS2	03/23/05	2.58	0.046 R	0.0046 R	ND(0.0081)R	ND(0.0059)R	ND(0.0052)R	ND(0.0051)R	ND(0.0051)R	ND(0.0051)R
	05/11/05	2.38	0.12	0.032	ND(0.0075)	ND(0.0055)	ND(0.0048)	ND(0.0047)	ND(0.0047)	ND(0.0047)
HOO3-SS2 Dup	03/23/05	2.47	0.04	0.0053	ND(0.0078)	ND(0.0057)	ND(0.005)	ND(0.0049)	ND(0.0049)	ND(0.0049)
HOO4-SS1	03/23/05	2.64	0.089	0.031	ND(0.0083)	ND(0.0061)	ND(0.0053)	ND(0.0052)	ND(0.0052)	ND(0.0052)
HOO4-SS1 Dup	03/23/05	2.58	0.073	0.024	ND(0.0081)	ND(0.0059)	ND(0.0052)	ND(0.0051)	ND(0.0051)	ND(0.0051)
HOO4-SS2	03/23/05	2.33	0.063	0.026	ND(0.0073)	ND(0.0054)	ND(0.0047)	ND(0.0046)	ND(0.0046)	ND(0.0046)
HOO5-SS1	03/24/05	2.64	0.02	ND(0.0039)	ND(0.0083)	ND(0.0061)	ND(0.0053)	ND(0.0052)	ND(0.0052)	ND(0.0052)
HOO5-SS1 Dup	03/24/05	2.05	0.014	ND(0.003)	ND(0.0064)	ND(0.0047)	ND(0.0041)	ND(0.0041)	ND(0.0041)	ND(0.0041)
HOO5-SS2	03/24/05	2.47	0.015	ND(0.0036)	ND(0.0078)	ND(0.0057)	ND(0.005)	ND(0.0049)	ND(0.0049)	ND(0.0049)
HOO8-SS1	04/05/05	2.53	0.065	0.0088	ND(0.008)	ND(0.0058)	ND(0.0051)	ND(0.005)	ND(0.005)	ND(0.005)
HOO8-SS2	04/05/05	2.53	0.048	0.011	ND(0.008)	ND(0.0058)	ND(0.0051)	ND(0.005)	ND(0.005)	ND(0.005)
HOO9-SS1	03/31/05	2.64	0.02	ND(0.0039)	ND(0.0083)	ND(0.0061)	ND(0.0053)	ND(0.0052)	ND(0.0052)	ND(0.0052)
HOO9-SS1 Dup	03/31/05	2.76	ND(0.013)	0.0041	ND(0.0087)	ND(0.0064)	ND(0.0056)	ND(0.0055)	ND(0.0055)	ND(0.0055)
HOO12-SS1	03/30/05	2.47	0.018	ND(0.0036)	ND(0.0078)	ND(0.0057)	ND(0.005)	ND(0.0049)	ND(0.0049)	ND(0.0049)
HOO12-SS2	03/30/05	2.64	0.054	0.01	ND(0.0083)	ND(0.0061)	ND(0.0053)	ND(0.0052)	ND(0.0052)	ND(0.0052)
HOO15-SS1	03/30/05	2.38	0.024	0.0064	ND(0.0075)	ND(0.0055)	ND(0.0048)	ND(0.0047)	ND(0.0047)	ND(0.0047)
HOO15-SS2	03/30/05	2.38	0.039	0.0057	ND(0.0075)	ND(0.0055)	ND(0.0048)	ND(0.0047)	ND(0.0047)	ND(0.0047)
HOO16-SS1	04/02/05	2.24	0.012	ND(0.0033)	ND(0.007)U	ND(0.0052)	ND(0.0045)	ND(0.0044)	ND(0.0044)	ND(0.0044)
	05/04/05	2.16	0.018	ND(0.0032)	ND(0.0068)	ND(0.005)	ND(0.0044)	ND(0.0043)	ND(0.0043)	ND(0.0043)
HOO16-SS2	04/02/05	2.47	0.02	0.0051	ND(0.0078)	ND(0.0057)	ND(0.005)	ND(0.0049)	ND(0.0049)	ND(0.0049)
	05/04/05	2.42	0.023	ND(0.0036)	ND(0.0076)	ND(0.0056)	ND(0.0049)	ND(0.0048)	ND(0.0048)	ND(0.0048)
HOO16-SS2 Dup	05/04/05	2.24	0.02	ND(0.0033)	ND(0.007)	ND(0.0052)	ND(0.0045)	ND(0.0044)	ND(0.0044)	ND(0.0044)
HOO17-SS1	04/02/05	2.53	0.016	0.0042	ND(0.008)	ND(0.0058)	ND(0.0051)	ND(0.005)	ND(0.005)	ND(0.005)
HOO18-SS1	04/14/05	2.64	0.023	0.0055	ND(0.0083)	ND(0.0061)	ND(0.0053)	ND(0.0052)	ND(0.0052)	ND(0.0052)
HOO18-SS1 Dup	04/14/05	2.53	ND(0.012)	ND(0.0037)	ND(0.008)	ND(0.0058)	ND(0.0051)	ND(0.005)	ND(0.005)	ND(0.005)
HOO19-SS1	04/07/05	2.38	0.22	0.021	ND(0.0075)	ND(0.0055)	ND(0.0048)	ND(0.0047)	ND(0.0047)	ND(0.0047)
HOO19-SS2	04/07/05	2.82	0.032	0.0077	ND(0.0089)	ND(0.0065)	ND(0.0057)	ND(0.0056)	ND(0.0056)	ND(0.0056)
HOO20-SS1	04/09/05	2.33	0.02	0.0071	ND(0.0073)	ND(0.0054)	ND(0.0047)	ND(0.0046)	ND(0.0046)	ND(0.0046)
HOO20-SS2	04/09/05	2.76	0.038 J	0.011 J	ND(0.0087)J	ND(0.0064)J	ND(0.0056)J	ND(0.0055)J	ND(0.0055)J	ND(0.0055)J

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Table 4b. Soil-Gas Analytical Results for Sub-Slab Samples Summary Table, Solvents, Chevron Cincinnati Facility, Hooven, Ohio.

Sub-Slab Sample ID	Date	TO-15 Dilution Factor	Acetone (mg/m³)	2-Butanone (mg/m³)	Carbon tetrachloride (mg/m³)	Chlorobenzene (mg/m³)	1,1-Dichloroethane (mg/m³)	1,1-Dichloroethene (mg/m³)	cis-1,2-Dichloroethene (mg/m³)	trans-1,2-Dichloroethene (mg/m³)
JEF1-SS1	03/29/05	2.89	0.036	0.0073	ND(0.0091)	ND(0.0066)	ND(0.0058)	ND(0.0057)	ND(0.0057)	ND(0.0057)
JEF1-SS2	03/29/05	2.64	0.022	ND(0.0039)	ND(0.0083)	ND(0.0061)	ND(0.0053)	ND(0.0052)	ND(0.0052)	ND(0.0052)
JEF2-SS1	04/05/05	2.42	0.052	0.0099	ND(0.0076)	ND(0.0056)	ND(0.0049)	ND(0.0048)	ND(0.0048)	ND(0.0048)
JEF2-SS2	04/05/05	2.47	0.058	0.01	ND(0.0078)	ND(0.0057)	ND(0.005)	ND(0.0049)	ND(0.0049)	ND(0.0049)
MON2-SS1	03/24/05	2.42	0.015	0.0042	ND(0.0076)	ND(0.0056)	ND(0.0049)	ND(0.0048)	ND(0.0048)	ND(0.0048)
	03/26/05	2.33	ND(0.011)	ND(0.0034)	ND(0.0073)	ND(0.0054)	ND(0.0047)	ND(0.0046)	ND(0.0046)	ND(0.0046)
MON2-SS2	03/24/05	2.58	0.05	0.0094	ND(0.0081)	ND(0.0059)	ND(0.0052)	ND(0.0051)	ND(0.0051)	ND(0.0051)
	03/26/05	2.24	0.015	0.0039	ND(0.007)	ND(0.0052)	ND(0.0045)	ND(0.0044)	ND(0.0044)	ND(0.0044)
MON3-SS1	03/31/05	2.29	0.019	0.0055	ND(0.0072)	ND(0.0053)	ND(0.0046)	ND(0.0045)	ND(0.0045)	ND(0.0045)
MON3-SS1 Dup	03/31/05	2.47	0.025	0.0054	ND(0.0078)	ND(0.0057)	ND(0.005)	ND(0.0049)	ND(0.0049)	ND(0.0049)
MON3-SS2	03/31/05	2.47	0.11	0.025	ND(0.0078)	ND(0.0057)	ND(0.005)	ND(0.0049)	ND(0.0049)	ND(0.0049)
OHI2-SS1	03/24/05	2.47	0.029	0.0068	ND(0.0078)	ND(0.0057)	ND(0.005)	ND(0.0049)	ND(0.0049)	ND(0.0049)
OHI2-SS2	03/24/05	2.47	0.058	0.014	ND(0.0078)	ND(0.0057)	ND(0.005)	ND(0.0049)	ND(0.0049)	ND(0.0049)
OHI3-SS1	04/01/05	2.76	0.048	0.009	ND(0.0087)	ND(0.0064)	ND(0.0056)	ND(0.0055)	ND(0.0055)	ND(0.0055)
OHI3-SS1 Dup	04/01/05	2.16	0.056	0.011	ND(0.0068)	ND(0.005)	ND(0.0044)	ND(0.0043)	ND(0.0043)	ND(0.0043)
OHI3-SS2	04/01/05	2.47	0.015	ND(0.0036)	ND(0.0078)	ND(0.0057)	ND(0.005)	ND(0.0049)	ND(0.0049)	ND(0.0049)
OHI4-SS1	03/25/05	2.42	0.016	ND(0.0036)	ND(0.0076)	ND(0.0056)	ND(0.0049)	ND(0.0048)	ND(0.0048)	ND(0.0048)
OHI5-SS1	04/02/05	2.24	0.05	0.013	ND(0.007)	ND(0.0052)	ND(0.0045)	ND(0.0044)	ND(0.0044)	ND(0.0044)
	05/03/05	2.38	0.022	0.0069	ND(0.0075)	ND(0.0055)	ND(0.0048)	ND(0.0047)	ND(0.0047)	ND(0.0047)
OHI5-SS2	04/02/05	2.38	0.018	0.0044	ND(0.0075)	ND(0.0055)	ND(0.0048)	ND(0.0047)	ND(0.0047)	ND(0.0047)
	05/03/05	2.24	0.019	0.0058	ND(0.007)	ND(0.0052)	ND(0.0045)	ND(0.0044)	ND(0.0044)	ND(0.0044)
OHI6-SS1	04/01/05	2.38	0.043	0.0091	ND(0.0075)	ND(0.0055)	ND(0.0048)	ND(0.0047)	ND(0.0047)	ND(0.0047)
OHI6-SS1 Dup	04/01/05	3.14	0.031	0.006	ND(0.0099)	ND(0.0072)	ND(0.0064)	ND(0.0062)	ND(0.0062)	ND(0.0062)
OHI6-SS2	04/01/05	2.53	0.021	0.0042	ND(0.008)	ND(0.0058)	ND(0.0051)	ND(0.005)	ND(0.005)	ND(0.005)
OHI6-SS2 Dup	04/02/05	2.33	0.015	0.0042	ND(0.0073)	ND(0.0054)	ND(0.0047)	ND(0.0046)	ND(0.0046)	ND(0.0046)
OHI7-SS1	04/07/05	2.64	0.049	0.0087	ND(0.0083)	ND(0.0061)	ND(0.0053)	ND(0.0052)	ND(0.0052)	ND(0.0052)
OHI7-SS2	04/07/05	2.82	0.063	0.012	ND(0.0089)	ND(0.0065)	ND(0.0057)	ND(0.0056)	ND(0.0056)	ND(0.0056)
OHI7-SS2 Dup	04/07/05	2.58	0.033	0.0072	ND(0.0081)	ND(0.0059)	ND(0.0052)	ND(0.0051)	ND(0.0051)	ND(0.0051)
OHI8-SS1	04/11/05	2.69	0.012 J	ND(0.004)	ND(0.0085)	ND(0.0062)	ND(0.0054)	ND(0.0053)	ND(0.0053)	ND(0.0053)
OHI8-SS2	04/11/05	2.42	ND(0.011)	ND(0.0036)	ND(0.0076)	ND(0.0056)	ND(0.0049)	ND(0.0048)	ND(0.0048)	ND(0.0048)
OHI9-SS1	04/09/05	2.20	0.056	0.0078	ND(0.0069)	ND(0.0051)	ND(0.0044)	ND(0.0044)	ND(0.0044)	ND(0.0044)
OHI9-SS2	04/09/05	2.29	0.037	0.0092	ND(0.0072)	ND(0.0053)	ND(0.0046)	ND(0.0045)	ND(0.0045)	ND(0.0045)
WAS1-SS1	04/01/05	2.53	0.12	0.011	ND(0.008)	ND(0.0058)	ND(0.0051)	ND(0.005)	ND(0.005)	ND(0.005)

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Table 4b. Soil-Gas Analytical Results for Sub-Slab Samples Summary Table, Solvents, Chevron Cincinnati Facility, Hooven, Ohio.

Sub-Slab Sample ID	Date	TO-15 Dilution Factor	Acetone (mg/m³)	2-Butanone (mg/m³)	Carbon tetrachloride (mg/m³)	Chlorobenzene (mg/m³)	1,1-Dichloroethane (mg/m³)	1,1-Dichloroethene (mg/m³)	cis-1,2-Dichloroethene (mg/m³)	trans-1,2-Dichloroethene (mg/m³)
WAS1-SS2	04/01/05	2.42	0.026	0.0086	ND(0.0076)	ND(0.0056)	ND(0.0049)	ND(0.0048)	ND(0.0048)	ND(0.0048)
WAS2-SS1	03/30/05	2.82	0.088	0.012	ND(0.0089)	ND(0.0065)	ND(0.0057)	ND(0.0056)	ND(0.0056)	ND(0.0056)
WAS2-SS1 Dup	03/30/05	2.38	0.092	0.014	ND(0.0075)	ND(0.0055)	ND(0.0048)	ND(0.0047)	ND(0.0047)	ND(0.0047)
WAS2-SS2	03/30/05	2.58	0.029	0.0071	ND(0.0081)	ND(0.0059)	ND(0.0052)	ND(0.0051)	ND(0.0051)	ND(0.0051)

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Table 4b. Soil-Gas Analytical Results for Sub-Slab Samples Summary Table, Solvents, Chevron Cincinnati Facility, Hooven, Ohio.

Sub-Slab Sample ID	Date	TO-15 Dilution Factor	1,4-Dioxane (mg/m³)	Hexachlorobutadiene (mg/m³)	2-Hexanone (mg/m³)	Isopropanol (mg/m³)	4-Methyl-2-Pentanone (mg/m³)	Methylene Chloride (mg/m³)	1,1,2,2-Tetrachloroethane (mg/m³)	Tetrachloroethene (mg/m³)
ADA1-SS1	03/28/05	2.20	ND(0.016)	ND(0.047)	ND(0.018)	ND(0.011)	ND(0.0045)	0.0074 J	ND(0.0076)	ND(0.0075)
ADA1-SS2	03/28/05	2.29	ND(0.016)	ND(0.049)	ND(0.019)	ND(0.011)	ND(0.0047)	ND(0.004)	ND(0.0079)	ND(0.0078)
CHI10-SS1	04/16/05	2.20	ND(0.016)	ND(0.047)	ND(0.018)	0.013	ND(0.0045)	ND(0.0038)	ND(0.0076)	ND(0.0075)
CHI10-SS2	04/16/05	2.20	ND(0.016)	ND(0.047)	ND(0.018)	0.051	ND(0.0045)	ND(0.0038)	ND(0.0076)	ND(0.0075)
CHI1-SS1	03/22/05	2.05	ND(0.015)R	ND(0.044)R	ND(0.017)R	ND(0.01)R	ND(0.0042)R	0.0038 R	ND(0.007)R	ND(0.007)R
CHI1-SS2	03/22/05	2.69	ND(0.019)	ND(0.057)	ND(0.022)	ND(0.013)	ND(0.0055)	ND(0.0047)	ND(0.0092)	ND(0.0091)
CHI2-SS1	03/29/05	2.47	ND(0.018)	ND(0.053)	ND(0.02)	ND(0.012)	ND(0.005)	ND(0.0043)	ND(0.0085)	ND(0.0084)
CHI2-SS2	03/29/05	2.64	ND(0.019)	ND(0.056)	ND(0.022)	ND(0.013)	ND(0.0054)	ND(0.0046)	ND(0.0091)	ND(0.009)
CHI2-SS2 Dup	03/29/05	2.64	ND(0.019)	ND(0.056)	ND(0.022)	ND(0.013)	ND(0.0054)	ND(0.0046)	ND(0.0091)	ND(0.009)
CHI3-SS1	03/29/05	2.38	ND(0.017)	ND(0.051)	ND(0.019)	ND(0.012)	ND(0.0049)	0.021	ND(0.0082)	ND(0.0081)
CHI3-SS1 Dup	03/28/05	2.47	ND(0.018)	ND(0.053)	ND(0.02)	ND(0.012)	ND(0.005)	0.0044	ND(0.0085)	ND(0.0084)
CHI3-SS2	03/28/05	2.38	ND(0.017)	ND(0.051)	ND(0.019)	ND(0.012)	ND(0.0049)	ND(0.0041)	ND(0.0082)	ND(0.0081)
CHI4-SS1	03/22/05	2.24	ND(0.016)R	ND(0.048)R	ND(0.018)R	0.013 R	ND(0.0046)R	ND(0.0039)R	ND(0.0077)R	ND(0.0076)R
	05/04/05	2.58	ND(0.018)	ND(0.055)	ND(0.021)	ND(0.013)	ND(0.0053)	0.03	ND(0.0088)	ND(0.0088)
CHI4-SS1 Rep	03/22/05	2.05	ND(0.015)	ND(0.044)	ND(0.017)J	0.021 J	ND(0.0042)	ND(0.0036)	ND(0.007)	ND(0.007)
CHI4-SS2	03/22/05	2.69	ND(0.019)R	ND(0.057)R	ND(0.022)R	ND(0.013)R	ND(0.0055)R	ND(0.0047)R	ND(0.0092)R	ND(0.0091)R
	05/04/05	2.24	ND(0.016)	ND(0.048)	ND(0.018)	ND(0.011)	ND(0.0046)	0.035	ND(0.0077)	ND(0.0076)
CHI5-SS1	03/30/05	2.58	ND(0.018)	ND(0.055)	ND(0.021)	ND(0.013)	ND(0.0053)	ND(0.0045)	ND(0.0088)	ND(0.0088)
CHI5-SS1 Dup	03/30/05	2.42	ND(0.017)	ND(0.052)	ND(0.02)	ND(0.012)	ND(0.005)	ND(0.0042)	ND(0.0083)	ND(0.0082)
CHI5-SS2	03/30/05	2.47	ND(0.018)	ND(0.053)	ND(0.02)	ND(0.012)	ND(0.005)	0.0099	ND(0.0085)	ND(0.0084)
CHI6-SS1	03/29/05	2.24	ND(0.016)	ND(0.048)	ND(0.018)	ND(0.011)	ND(0.0046)	ND(0.0039)	ND(0.0077)	ND(0.0076)
CHI6-SS2	03/29/05	2.47	ND(0.018)	ND(0.053)	ND(0.02)	ND(0.012)	ND(0.005)	ND(0.0043)	ND(0.0085)	ND(0.0084)
CHI8-SS1	03/28/05	2.69	ND(0.019)	ND(0.057)	ND(0.022)	ND(0.013)	ND(0.0055)	ND(0.0047)	ND(0.0092)	ND(0.0091)
CHI8-SS2	03/28/05	2.33	ND(0.017)	ND(0.05)	ND(0.019)	ND(0.011)	ND(0.0048)	ND(0.004)	ND(0.008)	ND(0.0079)
CHI8-SS3	03/28/05	2.33	ND(0.017)	ND(0.05)	0.03	ND(0.011)	ND(0.0048)	ND(0.004)	ND(0.008)	ND(0.0079)
CHI8-SS4	03/28/05	2.53	ND(0.018)	ND(0.054)	ND(0.021)	ND(0.012)	ND(0.0052)	ND(0.0044)	ND(0.0087)	0.051
CHI8-SS4 Dup	03/28/05	2.29	ND(0.016)	ND(0.049)	ND(0.019)	0.015	ND(0.0047)	ND(0.004)	ND(0.0079)	0.11
CHI9-SS1	04/01/05	2.47	ND(0.018)	ND(0.053)	ND(0.02)	ND(0.012)	ND(0.005)	ND(0.0043)U	ND(0.0085)	0.013
HOO1-SS1	03/23/05	2.42	ND(0.017)R	ND(0.052)R	ND(0.02)R	ND(0.012)R	ND(0.005)R	ND(0.0042)R	ND(0.0083)R	ND(0.0082)R
	05/03/05	2.24	ND(0.016)	ND(0.048)	ND(0.018)	ND(0.011)	ND(0.0046)	ND(0.0039)	ND(0.0077)	ND(0.0076)
HOO1-SS2	03/23/05	2.42	ND(0.017)R	ND(0.052)R	ND(0.02)R	ND(0.012)R	ND(0.005)R	ND(0.0042)R	ND(0.0083)R	ND(0.0082)R
	05/03/05	2.29	ND(0.016)	ND(0.049)	ND(0.019)	ND(0.011)	ND(0.0047)	ND(0.004)	ND(0.0079)	ND(0.0078)
HOO1-SS2 Dup	05/03/05	2.24	ND(0.016)	ND(0.048)	ND(0.018)	ND(0.011)	ND(0.0046)	ND(0.0039)	ND(0.0077)	ND(0.0076)

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Table 4b. Soil-Gas Analytical Results for Sub-Slab Samples Summary Table, Solvents, Chevron Cincinnati Facility, Hooven, Ohio.

Sub-Slab Sample ID	Date	TO-15 Dilution Factor	1,4-Dioxane (mg/m³)	Hexachlorobutadiene (mg/m³)	2-Hexanone (mg/m³)	Isopropanol (mg/m³)	4-Methyl-2-Pentanone (mg/m³)	Methylene Chloride (mg/m³)	1,1,2,2-Tetrachloroethane (mg/m³)	Tetrachloroethene (mg/m³)
HOO2-SS1	03/25/05	2.64	ND(0.019)	ND(0.056)	ND(0.022)	ND(0.013)	ND(0.0054)	0.0063	ND(0.0091)	ND(0.009)
HOO2-SS2	03/25/05	2.42	ND(0.017)	ND(0.052)	ND(0.02)	ND(0.012)	ND(0.005)	0.0049	ND(0.0083)	ND(0.0082)
HOO3-SS1	03/23/05	2.76	ND(0.02)R	ND(0.059)R	ND(0.023)R	0.024 R	ND(0.0056)R	0.086 R	ND(0.0095)R	0.012 R
	05/11/05	2.38	ND(0.017)	ND(0.051)	ND(0.019)	0.033	ND(0.0049)	0.69	ND(0.0082)	0.024
HOO3-SS2	03/23/05	2.58	ND(0.018)R	ND(0.055)R	ND(0.021)R	ND(0.013)R	ND(0.0053)R	0.096 R	ND(0.0088)R	ND(0.0088)R
	05/11/05	2.38	0.057	ND(0.051)	ND(0.019)	0.02	ND(0.0049)	0.074	ND(0.0082)	ND(0.0081)
HOO3-SS2 Dup	03/23/05	2.47	ND(0.018)	ND(0.053)	ND(0.02)	ND(0.012)	ND(0.005)	0.041	ND(0.0085)	ND(0.0084)
HOO4-SS1	03/23/05	2.64	ND(0.019)	ND(0.056)	ND(0.022)	ND(0.013)	ND(0.0054)	ND(0.0046)	ND(0.0091)	ND(0.009)
HOO4-SS1 Dup	03/23/05	2.58	ND(0.018)	ND(0.055)	ND(0.021)	ND(0.013)	ND(0.0053)	ND(0.0045)	ND(0.0088)	ND(0.0088)
HOO4-SS2	03/23/05	2.33	ND(0.017)	ND(0.05)	ND(0.019)	ND(0.011)	ND(0.0048)	ND(0.004)	ND(0.008)	ND(0.0079)
HOO5-SS1	03/24/05	2.64	ND(0.019)	ND(0.056)	ND(0.022)	ND(0.013)	ND(0.0054)	ND(0.0046)	ND(0.0091)	ND(0.009)
HOO5-SS1 Dup	03/24/05	2.05	ND(0.015)	ND(0.044)	ND(0.017)	ND(0.01)	ND(0.0042)	ND(0.0036)	ND(0.007)	ND(0.007)
HOO5-SS2	03/24/05	2.47	ND(0.018)	ND(0.053)	ND(0.02)	0.019	ND(0.005)	0.069	ND(0.0085)	ND(0.0084)
HOO8-SS1	04/05/05	2.53	ND(0.018)	ND(0.054)	ND(0.021)	ND(0.012)	ND(0.0052)	0.011	ND(0.0087)	ND(0.0086)
HOO8-SS2	04/05/05	2.53	ND(0.018)	ND(0.054)	ND(0.021)	ND(0.012)	ND(0.0052)	ND(0.0044)	ND(0.0087)	ND(0.0086)
HOO9-SS1	03/31/05	2.64	ND(0.019)	ND(0.056)	ND(0.022)	ND(0.013)	ND(0.0054)	ND(0.0046)	ND(0.0091)	0.033
HOO9-SS1 Dup	03/31/05	2.76	ND(0.02)	ND(0.059)	ND(0.023)	ND(0.014)	ND(0.0056)	ND(0.0048)	ND(0.0095)	0.033
HOO12-SS1	03/30/05	2.47	ND(0.018)	ND(0.053)	ND(0.02)	ND(0.012)	ND(0.005)	ND(0.0043)	ND(0.0085)	ND(0.0084)
HOO12-SS2	03/30/05	2.64	ND(0.019)	ND(0.056)	ND(0.022)	ND(0.013)	ND(0.0054)	ND(0.0046)	ND(0.0091)	ND(0.009)
HOO15-SS1	03/30/05	2.38	ND(0.017)	ND(0.051)	ND(0.019)	ND(0.012)	ND(0.0049)	ND(0.0041)	ND(0.0082)	ND(0.0081)
HOO15-SS2	03/30/05	2.38	ND(0.017)	ND(0.051)	ND(0.019)	ND(0.012)	ND(0.0049)	ND(0.0041)	ND(0.0082)	ND(0.0081)
HOO16-SS1	04/02/05	2.24	ND(0.016)	ND(0.048)	ND(0.018)	ND(0.011)	ND(0.0046)	ND(0.0039)	ND(0.0077)	ND(0.0076)
	05/04/05	2.16	ND(0.016)	ND(0.046)	ND(0.018)	ND(0.011)	ND(0.0044)	0.015	ND(0.0074)	ND(0.0073)
HOO16-SS2	04/02/05	2.47	ND(0.018)	ND(0.053)	ND(0.02)	ND(0.012)	ND(0.005)	ND(0.0043)	ND(0.0085)	ND(0.0084)
	05/04/05	2.42	ND(0.017)	ND(0.052)	ND(0.02)	ND(0.012)	0.014	0.026	ND(0.0083)	ND(0.0082)
HOO16-SS2 Dup	05/04/05	2.24	ND(0.016)	ND(0.048)	ND(0.018)	ND(0.011)	0.006	0.025	ND(0.0077)	ND(0.0076)
HOO17-SS1	04/02/05	2.53	ND(0.018)	ND(0.054)	ND(0.021)	ND(0.012)	ND(0.0052)	ND(0.0044)	ND(0.0087)	ND(0.0086)
HOO18-SS1	04/14/05	2.64	ND(0.019)	ND(0.056)	ND(0.022)	ND(0.013)	ND(0.0054)	ND(0.0046)	ND(0.0091)	ND(0.009)
HOO18-SS1 Dup	04/14/05	2.53	ND(0.018)	ND(0.054)	ND(0.021)	ND(0.012)	ND(0.0052)	ND(0.0044)	ND(0.0087)	ND(0.0086)
HOO19-SS1	04/07/05	2.38	ND(0.017)	ND(0.051)	ND(0.019)	ND(0.012)	ND(0.0049)	ND(0.0041)	ND(0.0082)	ND(0.0081)
HOO19-SS2	04/07/05	2.82	ND(0.02)	ND(0.06)	ND(0.023)	ND(0.014)	ND(0.0058)	ND(0.0049)	ND(0.0097)	ND(0.0096)
HOO20-SS1	04/09/05	2.33	ND(0.017)	ND(0.05)	ND(0.019)	ND(0.011)	ND(0.0048)	ND(0.004)	ND(0.008)	ND(0.0079)
HOO20-SS2	04/09/05	2.76	ND(0.02)J	ND(0.059)J	ND(0.023)J	ND(0.014)J	ND(0.0056)J	ND(0.0048)J	ND(0.0095)J	ND(0.0094)J

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Table 4b. Soil-Gas Analytical Results for Sub-Slab Samples Summary Table, Solvents, Chevron Cincinnati Facility, Hooven, Ohio.

Sub-Slab Sample ID	Date	TO-15 Dilution Factor	1,4-Dioxane (mg/m³)	Hexachlorobutadiene (mg/m³)	2-Hexanone (mg/m³)	Isopropanol (mg/m³)	4-Methyl-2-Pentanone (mg/m³)	Methylene Chloride (mg/m³)	1,1,2,2-Tetrachloroethane (mg/m³)	Tetrachloroethene (mg/m³)
JEF1-SS1	03/29/05	2.89	ND(0.021)	ND(0.062)	ND(0.024)	ND(0.014)	ND(0.0059)	ND(0.005)	ND(0.0099)	ND(0.0098)
JEF1-SS2	03/29/05	2.64	ND(0.019)	ND(0.056)	ND(0.022)	ND(0.013)	ND(0.0054)	0.035	ND(0.0091)	ND(0.009)
JEF2-SS1	04/05/05	2.42	ND(0.017)	ND(0.052)	ND(0.02)	ND(0.012)	ND(0.005)	ND(0.0042)	ND(0.0083)	0.014
JEF2-SS2	04/05/05	2.47	ND(0.018)	ND(0.053)	ND(0.02)	ND(0.012)	ND(0.005)	ND(0.0043)	ND(0.0085)	ND(0.0084)
MON2-SS1	03/24/05	2.42	ND(0.017)	ND(0.052)	ND(0.02)	ND(0.012)	ND(0.005)	ND(0.0042)	ND(0.0083)	ND(0.0082)
	03/26/05	2.33	ND(0.017)	ND(0.05)	ND(0.019)	ND(0.011)	ND(0.0048)	0.0066	ND(0.008)	0.02
MON2-SS2	03/24/05	2.58	ND(0.018)	ND(0.055)	ND(0.021)	ND(0.013)	ND(0.0053)	ND(0.0045)	ND(0.0088)	ND(0.0088)
	03/26/05	2.24	ND(0.016)	ND(0.048)	ND(0.018)	ND(0.011)	ND(0.0046)	ND(0.0039)	ND(0.0077)	0.32
MON3-SS1	03/31/05	2.29	ND(0.016)	ND(0.049)	ND(0.019)	ND(0.011)	ND(0.0047)	ND(0.004)	ND(0.0079)	ND(0.0078)
MON3-SS1 Dup	03/31/05	2.47	ND(0.018)	ND(0.053)	ND(0.02)	ND(0.012)	ND(0.005)	ND(0.0043)	ND(0.0085)	ND(0.0084)
MON3-SS2	03/31/05	2.47	ND(0.018)	ND(0.053)	ND(0.02)	ND(0.012)	ND(0.005)	ND(0.0043)	ND(0.0085)	ND(0.0084)
OHI2-SS1	03/24/05	2.47	ND(0.018)	ND(0.053)	ND(0.02)	ND(0.012)	ND(0.005)	ND(0.0043)	ND(0.0085)	ND(0.0084)
OHI2-SS2	03/24/05	2.47	ND(0.018)	ND(0.053)	ND(0.02)	ND(0.012)	ND(0.005)	ND(0.0043)	ND(0.0085)	ND(0.0084)
OHI3-SS1	04/01/05	2.76	ND(0.02)	ND(0.059)	ND(0.023)	ND(0.014)	ND(0.0056)	ND(0.0048)	ND(0.0095)	ND(0.0094)
OHI3-SS1 Dup	04/01/05	2.16	ND(0.016)	ND(0.046)	ND(0.018)	ND(0.011)	ND(0.0044)	ND(0.0038)	ND(0.0074)	ND(0.0073)
OHI3-SS2	04/01/05	2.47	ND(0.018)	ND(0.053)	ND(0.02)	ND(0.012)	ND(0.005)	ND(0.0043)	ND(0.0085)	ND(0.0084)
OHI4-SS1	03/25/05	2.42	ND(0.017)	ND(0.052)	ND(0.02)	ND(0.012)	ND(0.005)	ND(0.0042)	ND(0.0083)	ND(0.0082)
OHI5-SS1	04/02/05	2.24	ND(0.016)	ND(0.048)	ND(0.018)	ND(0.011)	ND(0.0046)	ND(0.0039)	ND(0.0077)	0.01
	05/03/05	2.38	ND(0.017)	ND(0.051)	ND(0.019)	ND(0.012)	ND(0.0049)	ND(0.0041)	ND(0.0082)	0.015
OHI5-SS2	04/02/05	2.38	ND(0.017)	ND(0.051)	ND(0.019)	ND(0.012)	ND(0.0049)	ND(0.0041)	ND(0.0082)	0.0096
	05/03/05	2.24	ND(0.016)	ND(0.048)	ND(0.018)	ND(0.011)	ND(0.0046)	ND(0.0039)	ND(0.0077)	0.016
OHI6-SS1	04/01/05	2.38	ND(0.017)	ND(0.051)	ND(0.019)	ND(0.012)	ND(0.0049)	ND(0.0041)	ND(0.0082)	ND(0.0081)
OHI6-SS1 Dup	04/01/05	3.14	ND(0.023)	ND(0.067)	ND(0.026)	ND(0.015)	ND(0.0064)	ND(0.0054)	ND(0.011)	ND(0.011)
OHI6-SS2	04/01/05	2.53	ND(0.018)	ND(0.054)	ND(0.021)	ND(0.012)	ND(0.0052)	ND(0.0044)	ND(0.0087)	ND(0.0086)
OHI6-SS2 Dup	04/02/05	2.33	ND(0.017)	ND(0.05)	ND(0.019)	ND(0.011)	ND(0.0048)	ND(0.004)	ND(0.008)	ND(0.0079)
OHI7-SS1	04/07/05	2.64	ND(0.019)	ND(0.056)	ND(0.022)	ND(0.013)	ND(0.0054)	ND(0.0046)	ND(0.0091)	0.019
OHI7-SS2	04/07/05	2.82	ND(0.02)	ND(0.06)	ND(0.023)	ND(0.014)	ND(0.0058)	ND(0.0049)	ND(0.0097)	0.036
OHI7-SS2 Dup	04/07/05	2.58	ND(0.018)	ND(0.055)	ND(0.021)	ND(0.013)	ND(0.0053)	ND(0.0045)	ND(0.0088)	0.032
OHI8-SS1	04/11/05	2.69	ND(0.019)	ND(0.057)	ND(0.022)	ND(0.013)	ND(0.0055)	ND(0.0047)	ND(0.0092)	ND(0.0091)J
OHI8-SS2	04/11/05	2.42	ND(0.017)	ND(0.052)	ND(0.02)	ND(0.012)	ND(0.005)	ND(0.0042)	ND(0.0083)	0.16 J
OHI9-SS1	04/09/05	2.20	ND(0.016)	ND(0.047)	ND(0.018)	ND(0.011)	ND(0.0045)	ND(0.0038)	ND(0.0076)	0.0081
OHI9-SS2	04/09/05	2.29	ND(0.016)	ND(0.049)	ND(0.019)	ND(0.011)	ND(0.0047)	ND(0.004)	ND(0.0079)	0.01
WAS1-SS1	04/01/05	2.53	ND(0.018)	ND(0.054)	ND(0.021)	ND(0.012)	ND(0.0052)	ND(0.0044)	ND(0.0087)	ND(0.0086)

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Table 4b. Soil-Gas Analytical Results for Sub-Slab Samples Summary Table, Solvents, Chevron Cincinnati Facility, Hooven, Ohio.

Sub-Slab Sample ID	Date	TO-15 Dilution Factor	1,4-Dioxane (mg/m³)	Hexachlorobutadiene (mg/m³)	2-Hexanone (mg/m³)	Isopropanol (mg/m³)	4-Methyl-2-Pentanone (mg/m³)	Methylene Chloride (mg/m³)	1,1,2,2-Tetrachloroethane (mg/m³)	Tetrachloroethene (mg/m³)
WAS1-SS2	04/01/05	2.42	ND(0.017)	ND(0.052)	ND(0.02)	ND(0.012)	ND(0.005)	ND(0.0042)	ND(0.0083)	ND(0.0082)
WAS2-SS1	03/30/05	2.82	ND(0.02)	ND(0.06)	ND(0.023)	ND(0.014)	ND(0.0058)	ND(0.0049)	ND(0.0097)	ND(0.0096)
WAS2-SS1 Dup	03/30/05	2.38	ND(0.017)	ND(0.051)	ND(0.019)	ND(0.012)	ND(0.0049)	ND(0.0041)	ND(0.0082)	ND(0.0081)
WAS2-SS2	03/30/05	2.58	ND(0.018)	ND(0.055)	ND(0.021)	ND(0.013)	ND(0.0053)	ND(0.0045)	ND(0.0088)	ND(0.0088)

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Table 4b. Soil-Gas Analytical Results for Sub-Slab Samples Summary Table, Solvents, Chevron Cincinnati Facility, Hooven, Ohio.

Sub-Slab Sample ID	Date	TO-15 Dilution Factor	Tetrahydrofuran (mg/m³)	1,1,1-Trichloroethane (mg/m³)	1,1,2-Trichloroethane (mg/m³)	Trichloroethene (mg/m³)	Vinyl Chloride (mg/m³)
ADA1-SS1	03/28/05	2.20	ND(0.013)	ND(0.006)	ND(0.006)	ND(0.0059)	ND(0.0028)
ADA1-SS2	03/28/05	2.29	ND(0.014)	ND(0.0062)	ND(0.0062)	ND(0.0062)	ND(0.0029)
CHI10-SS1	04/16/05	2.20	ND(0.013)	ND(0.006)	ND(0.006)	ND(0.0059)	ND(0.0028)
CHI10-SS2	04/16/05	2.20	ND(0.013)	ND(0.006)	ND(0.006)	0.011	ND(0.0028)
CHI1-SS1	03/22/05	2.05	ND(0.003)R	ND(0.0056)R	ND(0.0056)R	ND(0.0055)R	ND(0.0026)R
CHI1-SS2	03/22/05	2.69	ND(0.004)	ND(0.0073)	ND(0.0073)	ND(0.0072)	ND(0.0034)
CHI2-SS1	03/29/05	2.47	ND(0.0036)	ND(0.0067)	ND(0.0067)	ND(0.0066)	ND(0.0032)
CHI2-SS2	03/29/05	2.64	ND(0.016)	ND(0.0072)	ND(0.0072)	ND(0.0071)	ND(0.0034)
CHI2-SS2 Dup	03/29/05	2.64	ND(0.016)	ND(0.0072)	ND(0.0072)	ND(0.0071)	ND(0.0034)
CHI3-SS1	03/29/05	2.38	ND(0.014)	ND(0.0065)	ND(0.0065)	ND(0.0064)	ND(0.003)
CHI3-SS1 Dup	03/28/05	2.47	ND(0.0036)	ND(0.0067)	ND(0.0067)	ND(0.0066)	ND(0.0032)
CHI3-SS2	03/28/05	2.38	ND(0.014)	ND(0.0065)	ND(0.0065)	ND(0.0064)	ND(0.003)
CHI4-SS1	03/22/05	2.24	ND(0.0033)R	ND(0.0061)R	ND(0.0061)R	ND(0.006)R	ND(0.0029)R
	05/04/05	2.58	ND(0.015)	ND(0.007)	ND(0.007)	ND(0.0069)	ND(0.0033)
CHI4-SS1 Rep	03/22/05	2.05	ND(0.003)	ND(0.0056)	ND(0.0056)	ND(0.0055)	ND(0.0026)
CHI4-SS2	03/22/05	2.69	ND(0.004)R	ND(0.0073)R	ND(0.0073)R	ND(0.0072)R	ND(0.0034)R
	05/04/05	2.24	ND(0.013)	ND(0.0061)	ND(0.0061)	ND(0.006)	ND(0.0029)
CHI5-SS1	03/30/05	2.58	ND(0.015)	ND(0.007)	ND(0.007)	ND(0.0069)	ND(0.0033)
CHI5-SS1 Dup	03/30/05	2.42	ND(0.014)	ND(0.0066)	ND(0.0066)	ND(0.0065)	ND(0.0031)
CHI5-SS2	03/30/05	2.47	ND(0.0036)	ND(0.0067)	ND(0.0067)	ND(0.0066)	ND(0.0032)
CHI6-SS1	03/29/05	2.24	0.0043	ND(0.0061)	ND(0.0061)	ND(0.006)	ND(0.0029)
CHI6-SS2	03/29/05	2.47	ND(0.014)	ND(0.0067)	ND(0.0067)	ND(0.0066)	ND(0.0032)
CHI8-SS1	03/28/05	2.69	ND(0.004)	ND(0.0073)	ND(0.0073)	ND(0.0072)	ND(0.0034)
CHI8-SS2	03/28/05	2.33	ND(0.0034)	ND(0.0064)	ND(0.0064)	ND(0.0063)	ND(0.003)
CHI8-SS3	03/28/05	2.33	ND(0.0034)	ND(0.0064)	ND(0.0064)	ND(0.0063)	ND(0.003)
CHI8-SS4	03/28/05	2.53	ND(0.0037)	ND(0.0069)	ND(0.0069)	ND(0.0068)	ND(0.0032)
CHI8-SS4 Dup	03/28/05	2.29	ND(0.0034)	ND(0.0062)	ND(0.0062)	ND(0.0062)	ND(0.0029)
CHI9-SS1	04/01/05	2.47	ND(0.014)	ND(0.0067)	ND(0.0067)	ND(0.0066)	ND(0.0032)
HOO1-SS1	03/23/05	2.42	ND(0.0036)R	ND(0.0066)R	ND(0.0066)R	ND(0.0065)R	ND(0.0031)R
	05/03/05	2.24	ND(0.013)	ND(0.0061)	ND(0.0061)	ND(0.006)	ND(0.0029)
HOO1-SS2	03/23/05	2.42	ND(0.0036)R	ND(0.0066)R	ND(0.0066)R	ND(0.0065)R	ND(0.0031)R
	05/03/05	2.29	ND(0.014)	ND(0.0062)	ND(0.0062)	ND(0.0062)	ND(0.0029)
HOO1-SS2 Dup	05/03/05	2.24	ND(0.013)	ND(0.0061)	ND(0.0061)	ND(0.006)	ND(0.0029)

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Table 4b. Soil-Gas Analytical Results for Sub-Slab Samples Summary Table, Solvents, Chevron Cincinnati Facility, Hooven, Ohio.

Sub-Slab Sample ID	Date	TO-15 Dilution Factor	Tetrahydrofuran (mg/m³)	1,1,1-Trichloroethane (mg/m³)	1,1,2-Trichloroethane (mg/m³)	Trichloroethene (mg/m³)	Vinyl Chloride (mg/m³)
HOO2-SS1	03/25/05	2.64	ND(0.0039)	ND(0.0072)	ND(0.0072)	ND(0.0071)	ND(0.0034)
HOO2-SS2	03/25/05	2.42	ND(0.0036)	ND(0.0066)	ND(0.0066)	ND(0.0065)	ND(0.0031)
HOO3-SS1	03/23/05	2.76	ND(0.0041)R	ND(0.0075)R	ND(0.0075)R	ND(0.0074)R	ND(0.0035)R
	05/11/05	2.38	ND(0.014)	ND(0.0065)	ND(0.0065)	ND(0.0064)	ND(0.003)
HOO3-SS2	03/23/05	2.58	ND(0.0038)R	ND(0.007)R	ND(0.007)R	ND(0.0069)R	ND(0.0033)R
	05/11/05	2.38	ND(0.014)	ND(0.0065)	ND(0.0065)	ND(0.0064)	ND(0.003)
HOO3-SS2 Dup	03/23/05	2.47	ND(0.0036)	ND(0.0067)	ND(0.0067)	ND(0.0066)	ND(0.0032)
HOO4-SS1	03/23/05	2.64	0.014	ND(0.0072)	ND(0.0072)	ND(0.0071)	ND(0.0034)
HOO4-SS1 Dup	03/23/05	2.58	ND(0.0038)	ND(0.007)	ND(0.007)	ND(0.0069)	ND(0.0033)
HOO4-SS2	03/23/05	2.33	ND(0.0034)	ND(0.0064)	ND(0.0064)	ND(0.0063)	ND(0.003)
HOO5-SS1	03/24/05	2.64	ND(0.0039)	ND(0.0072)	ND(0.0072)	ND(0.0071)	ND(0.0034)
HOO5-SS1 Dup	03/24/05	2.05	ND(0.003)	ND(0.0056)	ND(0.0056)	ND(0.0055)	ND(0.0026)
HOO5-SS2	03/24/05	2.47	ND(0.0036)	ND(0.0067)	ND(0.0067)	ND(0.0066)	ND(0.0032)
HOO8-SS1	04/05/05	2.53	ND(0.015)	ND(0.0069)	ND(0.0069)	ND(0.0068)	ND(0.0032)
HOO8-SS2	04/05/05	2.53	ND(0.015)	ND(0.0069)	ND(0.0069)	ND(0.0068)	ND(0.0032)
HOO9-SS1	03/31/05	2.64	0.0039	ND(0.0072)	ND(0.0072)	ND(0.0071)	ND(0.0034)
HOO9-SS1 Dup	03/31/05	2.76	ND(0.0041)	ND(0.0075)	ND(0.0075)	ND(0.0074)	ND(0.0035)
HOO12-SS1	03/30/05	2.47	ND(0.0036)	ND(0.0067)	ND(0.0067)	ND(0.0066)	ND(0.0032)
HOO12-SS2	03/30/05	2.64	ND(0.0039)	ND(0.0072)	ND(0.0072)	ND(0.0071)	ND(0.0034)
HOO15-SS1	03/30/05	2.38	ND(0.0035)	ND(0.0065)	ND(0.0065)	ND(0.0064)	ND(0.003)
HOO15-SS2	03/30/05	2.38	0.0065	ND(0.0065)	ND(0.0065)	ND(0.0064)	ND(0.003)
HOO16-SS1	04/02/05	2.24	ND(0.013)	ND(0.0061)	ND(0.0061)	ND(0.006)	ND(0.0029)
	05/04/05	2.16	ND(0.013)	ND(0.0059)	ND(0.0059)	ND(0.0058)	ND(0.0028)
HOO16-SS2	04/02/05	2.47	ND(0.014)	ND(0.0067)	ND(0.0067)	ND(0.0066)	ND(0.0032)
	05/04/05	2.42	ND(0.014)	ND(0.0066)	ND(0.0066)	ND(0.0065)	ND(0.0031)
HOO16-SS2 Dup	05/04/05	2.24	ND(0.013)	ND(0.0061)	ND(0.0061)	ND(0.006)	ND(0.0029)
HOO17-SS1	04/02/05	2.53	ND(0.015)	ND(0.0069)	ND(0.0069)	ND(0.0068)	ND(0.0032)
HOO18-SS1	04/14/05	2.64	ND(0.016)	ND(0.0072)	ND(0.0072)	ND(0.0071)	ND(0.0034)
HOO18-SS1 Dup	04/14/05	2.53	ND(0.015)	ND(0.0069)	ND(0.0069)	ND(0.0068)	ND(0.0032)
HOO19-SS1	04/07/05	2.38	ND(0.014)	ND(0.0065)	ND(0.0065)	ND(0.0064)	ND(0.003)
HOO19-SS2	04/07/05	2.82	ND(0.017)	ND(0.0077)	ND(0.0077)	ND(0.0076)	ND(0.0036)
HOO20-SS1	04/09/05	2.33	ND(0.014)	ND(0.0064)	ND(0.0064)	ND(0.0063)	ND(0.003)
HOO20-SS2	04/09/05	2.76	ND(0.016)J	ND(0.0075)J	ND(0.0075)J	ND(0.0074)J	ND(0.0035)J

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Table 4b. Soil-Gas Analytical Results for Sub-Slab Samples Summary Table, Solvents, Chevron Cincinnati Facility, Hooven, Ohio.

Sub-Slab Sample ID	Date	TO-15 Dilution Factor	Tetrahydrofuran (mg/m³)	1,1,1-Trichloroethane (mg/m³)	1,1,2-Trichloroethane (mg/m³)	Trichloroethene (mg/m³)	Vinyl Chloride (mg/m³)
JEF1-SS1	03/29/05	2.89	ND(0.017)	ND(0.0079)	ND(0.0079)	ND(0.0078)	ND(0.0037)
JEF1-SS2	03/29/05	2.64	ND(0.016)	ND(0.0072)	ND(0.0072)	ND(0.0071)	ND(0.0034)
JEF2-SS1	04/05/05	2.42	ND(0.014)	ND(0.0066)	ND(0.0066)	ND(0.0065)	ND(0.0031)
JEF2-SS2	04/05/05	2.47	ND(0.014)	ND(0.0067)	ND(0.0067)	ND(0.0066)	ND(0.0032)
MON2-SS1	03/24/05	2.42	ND(0.0036)	ND(0.0066)	ND(0.0066)	ND(0.0065)	ND(0.0031)
	03/26/05	2.33	ND(0.0034)	ND(0.0064)	ND(0.0064)	ND(0.0063)	ND(0.003)
MON2-SS2	03/24/05	2.58	0.0057	ND(0.007)	ND(0.007)	ND(0.0069)	ND(0.0033)
	03/26/05	2.24	ND(0.0033)	ND(0.0061)	ND(0.0061)	ND(0.006)	ND(0.0029)
MON3-SS1	03/31/05	2.29	ND(0.0034)	ND(0.0062)	ND(0.0062)	ND(0.0062)	ND(0.0029)
MON3-SS1 Dup	03/31/05	2.47	ND(0.0036)	ND(0.0067)	ND(0.0067)	ND(0.0066)	ND(0.0032)
MON3-SS2	03/31/05	2.47	0.051	ND(0.0067)	ND(0.0067)	ND(0.0066)	ND(0.0032)
OHI2-SS1	03/24/05	2.47	ND(0.0036)	ND(0.0067)	ND(0.0067)	ND(0.0066)	ND(0.0032)
OHI2-SS2	03/24/05	2.47	ND(0.0036)	ND(0.0067)	ND(0.0067)	ND(0.0066)	ND(0.0032)
OHI3-SS1	04/01/05	2.76	ND(0.016)	ND(0.0075)	ND(0.0075)	ND(0.0074)	ND(0.0035)
OHI3-SS1 Dup	04/01/05	2.16	ND(0.013)	ND(0.0059)	ND(0.0059)	ND(0.0058)	ND(0.0028)
OHI3-SS2	04/01/05	2.47	ND(0.014)	ND(0.0067)	ND(0.0067)	ND(0.0066)	ND(0.0032)
OHI4-SS1	03/25/05	2.42	ND(0.0036)	ND(0.0066)	ND(0.0066)	ND(0.0065)	ND(0.0031)
OHI5-SS1	04/02/05	2.24	0.036	ND(0.0061)	ND(0.0061)	ND(0.006)	ND(0.0029)
	05/03/05	2.38	ND(0.014)	ND(0.0065)	ND(0.0065)	ND(0.0064)	ND(0.003)
OHI5-SS2	04/02/05	2.38	ND(0.014)	ND(0.0065)	ND(0.0065)	ND(0.0064)	ND(0.003)
	05/03/05	2.24	ND(0.013)	ND(0.0061)	ND(0.0061)	ND(0.006)	ND(0.0029)
OHI6-SS1	04/01/05	2.38	ND(0.014)	ND(0.0065)	ND(0.0065)	ND(0.0064)	ND(0.003)
OHI6-SS1 Dup	04/01/05	3.14	ND(0.018)	ND(0.0086)	ND(0.0086)	ND(0.0084)	ND(0.004)
OHI6-SS2	04/01/05	2.53	ND(0.015)	ND(0.0069)	ND(0.0069)	ND(0.0068)	ND(0.0032)
OHI6-SS2 Dup	04/02/05	2.33	ND(0.014)	ND(0.0064)	ND(0.0064)	ND(0.0063)	ND(0.003)
OHI7-SS1	04/07/05	2.64	ND(0.016)	ND(0.0072)	ND(0.0072)	ND(0.0071)	ND(0.0034)
OHI7-SS2	04/07/05	2.82	ND(0.017)	ND(0.0077)	ND(0.0077)	ND(0.0076)	ND(0.0036)
OHI7-SS2 Dup	04/07/05	2.58	ND(0.015)	ND(0.007)	ND(0.007)	ND(0.0069)	ND(0.0033)
OHI8-SS1	04/11/05	2.69	ND(0.016)	ND(0.0073)	ND(0.0073)	ND(0.0072)	ND(0.0034)
OHI8-SS2	04/11/05	2.42	ND(0.014)	ND(0.0066)	ND(0.0066)	ND(0.0065)	ND(0.0031)
OHI9-SS1	04/09/05	2.20	ND(0.013)	ND(0.006)	ND(0.006)	ND(0.0059)	ND(0.0028)
OHI9-SS2	04/09/05	2.29	ND(0.014)	ND(0.0062)	ND(0.0062)	ND(0.0062)	ND(0.0029)
WAS1-SS1	04/01/05	2.53	ND(0.015)	ND(0.0069)	ND(0.0069)	ND(0.0068)	ND(0.0032)

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Table 4b. Soil-Gas Analytical Results for Sub-Slab Samples Summary Table, Solvents, Chevron Cincinnati Facility, Hooven, Ohio.

Sub-Slab Sample ID	Date	TO-15 Dilution Factor	Tetrahydrofuran (mg/m³)	1,1,1-Trichloroethane (mg/m³)	1,1,2-Trichloroethane (mg/m³)	Trichloroethene (mg/m³)	Vinyl Chloride (mg/m³)
WAS1-SS2	04/01/05	2.42	0.016	ND(0.0066)	ND(0.0066)	ND(0.0065)	ND(0.0031)
WAS2-SS1	03/30/05	2.82	ND(0.0042)	ND(0.0077)	ND(0.0077)	ND(0.0076)	ND(0.0036)
WAS2-SS1 Dup	03/30/05	2.38	ND(0.0035)	ND(0.0065)	ND(0.0065)	ND(0.0064)	ND(0.003)
WAS2-SS2	03/30/05	2.58	ND(0.0038)	ND(0.007)	ND(0.007)	0.013	ND(0.0033)

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Table 4c. Soil-Gas Analytical Results for Sub-Slab Samples Summary Table, Water Treatment and Other Chemicals, Chevron Cincinnati Facility, Hooven, Ohio.

Sub-Slab Sample ID	Date	TO-15 Dilution Factor	Allyl Chloride (mg/m³)	Benzylchloride (mg/m³)	Bromomethane (mg/m³)	Carbon Disulfide (mg/m³)	Chloroethane (mg/m³)	Chloromethane (mg/m³)	1,2-Dichlorobenzene (mg/m³)	1,3-Dichlorobenzene (mg/m³)
ADA1-SS1	03/28/05	2.20	ND(0.014)	ND(0.0057)	ND(0.0043)	ND(0.0034)	ND(0.0029)	ND(0.0091)	ND(0.0066)	ND(0.0066)
ADA1-SS2	03/28/05	2.29	ND(0.014)	ND(0.0059)	ND(0.0044)	ND(0.0036)	ND(0.003)	ND(0.0094)	ND(0.0069)	ND(0.0069)
CHI10-SS1	04/16/05	2.20	ND(0.014)	ND(0.0057)	ND(0.0043)	ND(0.0034)	ND(0.0029)	ND(0.0091)	ND(0.0066)	ND(0.0066)
CHI10-SS2	04/16/05	2.20	ND(0.014)	ND(0.0057)	ND(0.0043)	0.036	ND(0.0029)	ND(0.0091)	ND(0.0066)	ND(0.0066)
CHI1-SS1	03/22/05	2.05	ND(0.013)R	ND(0.0053)R	ND(0.004)R	0.0058 R	ND(0.0027)R	ND(0.0085)R	ND(0.0062)R	ND(0.0062)R
CHI1-SS2	03/22/05	2.69	ND(0.017)	ND(0.007)	ND(0.0052)	ND(0.0042)	ND(0.0035)	ND(0.011)	ND(0.0081)	ND(0.0081)
CHI2-SS1	03/29/05	2.47	ND(0.015)	ND(0.0064)	ND(0.0048)	ND(0.0038)	ND(0.0032)	ND(0.01)	ND(0.0074)	ND(0.0074)
CHI2-SS2	03/29/05	2.64	ND(0.016)	ND(0.0068)	ND(0.0051)	ND(0.0041)	ND(0.0035)	ND(0.011)	ND(0.0079)	ND(0.0079)
CHI2-SS2 Dup	03/29/05	2.64	ND(0.016)	ND(0.0068)	ND(0.0051)	0.086	ND(0.0035)	ND(0.011)	ND(0.0079)	ND(0.0079)
CHI3-SS1	03/29/05	2.38	ND(0.015)	ND(0.0062)	ND(0.0046)	ND(0.0037)	ND(0.0031)	ND(0.0098)	ND(0.0072)	ND(0.0072)
CHI3-SS1 Dup	03/28/05	2.47	ND(0.015)	ND(0.0064)	ND(0.0048)	ND(0.0038)	ND(0.0032)	ND(0.01)	ND(0.0074)	ND(0.0074)
CHI3-SS2	03/28/05	2.38	ND(0.015)	ND(0.0062)	ND(0.0046)	ND(0.0037)	ND(0.0031)	ND(0.0098)	ND(0.0072)	ND(0.0072)
CHI4-SS1	03/22/05	2.24	ND(0.014)R	ND(0.0058)R	ND(0.0043)R	ND(0.0035)R	ND(0.003)R	ND(0.0092)R	ND(0.0067)R	ND(0.0067)R
	05/04/05	2.58	ND(0.016)	ND(0.0067)	ND(0.005)	0.0092	ND(0.0034)	ND(0.011)	ND(0.0078)	ND(0.0078)
CHI4-SS1 Rep	03/22/05	2.05	ND(0.013)	ND(0.0053)	ND(0.004)	ND(0.0032)	ND(0.0027)	ND(0.0085)	ND(0.0062)	ND(0.0062)
CHI4-SS2	03/22/05	2.69	ND(0.017)R	ND(0.007)R	ND(0.0052)R	ND(0.0042)R	ND(0.0035)R	ND(0.011)R	ND(0.0081)R	ND(0.0081)R
	05/04/05	2.24	ND(0.014)	ND(0.0058)	ND(0.0043)	0.0095	ND(0.003)	ND(0.0092)	ND(0.0067)	ND(0.0067)
CHI5-SS1	03/30/05	2.58	ND(0.016)	ND(0.0067)	ND(0.005)	ND(0.004)	ND(0.0034)	ND(0.011)	ND(0.0078)	ND(0.0078)
CHI5-SS1 Dup	03/30/05	2.42	ND(0.015)	ND(0.0063)	ND(0.0047)	ND(0.0038)	ND(0.0032)	ND(0.01)	ND(0.0073)	ND(0.0073)
CHI5-SS2	03/30/05	2.47	ND(0.015)	ND(0.0064)	ND(0.0048)	ND(0.0038)	ND(0.0032)	ND(0.01)	ND(0.0074)	ND(0.0074)
CHI6-SS1	03/29/05	2.24	ND(0.014)	ND(0.0058)	ND(0.0043)	ND(0.0035)	ND(0.003)	ND(0.0092)	ND(0.0067)	ND(0.0067)
CHI6-SS2	03/29/05	2.47	ND(0.015)	ND(0.0064)	ND(0.0048)	ND(0.0038)	ND(0.0032)	ND(0.01)	ND(0.0074)	ND(0.0074)
CHI8-SS1	03/28/05	2.69	ND(0.017)	ND(0.007)	ND(0.0052)	0.042	ND(0.0035)	ND(0.011)	ND(0.0081)	ND(0.0081)
CHI8-SS2	03/28/05	2.33	ND(0.014)	ND(0.006)	ND(0.0045)	ND(0.0036)	ND(0.0031)	ND(0.0096)	ND(0.007)	ND(0.007)
CHI8-SS3	03/28/05	2.33	ND(0.014)	ND(0.006)	ND(0.0045)	ND(0.0036)	ND(0.0031)	ND(0.0096)	ND(0.007)	ND(0.007)
CHI8-SS4	03/28/05	2.53	ND(0.016)	ND(0.0065)	ND(0.0049)	0.0055	ND(0.0033)	ND(0.01)	ND(0.0076)	ND(0.0076)
CHI8-SS4 Dup	03/28/05	2.29	ND(0.014)	ND(0.0059)	ND(0.0044)	ND(0.0036)	ND(0.003)	ND(0.0094)	ND(0.0069)	ND(0.0069)
CHI9-SS1	04/01/05	2.47	ND(0.015)	ND(0.0064)	ND(0.0048)	ND(0.0038)U	ND(0.0032)	ND(0.01)	ND(0.0074)	ND(0.0074)
HOO1-SS1	03/23/05	2.42	ND(0.015)R	ND(0.0063)R	ND(0.0047)R	ND(0.0038)R	ND(0.0032)R	ND(0.01)R	ND(0.0073)R	ND(0.0073)R
	05/03/05	2.24	ND(0.014)	ND(0.0058)	ND(0.0043)	0.0041	ND(0.003)	ND(0.0092)	ND(0.0067)	ND(0.0067)
HOO1-SS2	03/23/05	2.42	ND(0.015)R	ND(0.0063)R	ND(0.0047)R	ND(0.0038)R	ND(0.0032)R	ND(0.01)R	ND(0.0073)R	ND(0.0073)R
	05/03/05	2.29	ND(0.014)	ND(0.0059)	ND(0.0044)	0.11	ND(0.003)	ND(0.0094)	ND(0.0069)	ND(0.0069)
HOO1-SS2 Dup	05/03/05	2.24	ND(0.014)	ND(0.0058)	ND(0.0043)	ND(0.0035)	ND(0.003)	ND(0.0092)	ND(0.0067)	ND(0.0067)

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Table 4c. Soil-Gas Analytical Results for Sub-Slab Samples Summary Table, Water Treatment and Other Chemicals, Chevron Cincinnati Facility, Hooven, Ohio.

Sub-Slab Sample ID	Date	TO-15 Dilution Factor	Allyl Chloride (mg/m³)	Benzylchloride (mg/m³)	Bromomethane (mg/m³)	Carbon Disulfide (mg/m³)	Chloroethane (mg/m³)	Chloromethane (mg/m³)	1,2-Dichlorobenzene (mg/m³)	1,3-Dichlorobenzene (mg/m³)
HOO2-SS1	03/25/05	2.64	ND(0.016)	ND(0.0068)	ND(0.0051)	ND(0.0041)	ND(0.0035)	ND(0.011)	ND(0.0079)	ND(0.0079)
HOO2-SS2	03/25/05	2.42	ND(0.015)	ND(0.0063)	ND(0.0047)	ND(0.0038)	ND(0.0032)	ND(0.01)	ND(0.0073)	ND(0.0073)
HOO3-SS1	03/23/05	2.76	ND(0.017)R	ND(0.0071)R	ND(0.0054)R	0.014 R	ND(0.0036)R	ND(0.011)R	ND(0.0083)R	ND(0.0083)R
	05/11/05	2.38	ND(0.015)	ND(0.0062)	ND(0.0046)	ND(0.0037)	ND(0.0031)	ND(0.0098)	0.0098	ND(0.0072)
HOO3-SS2	03/23/05	2.58	ND(0.016)R	ND(0.0067)R	ND(0.005)R	0.018 R	ND(0.0034)R	ND(0.011)R	ND(0.0078)R	ND(0.0078)R
	05/11/05	2.38	ND(0.015)	ND(0.0062)	ND(0.0046)	0.011	ND(0.0031)	ND(0.0098)	ND(0.0072)	ND(0.0072)
HOO3-SS2 Dup	03/23/05	2.47	ND(0.015)	ND(0.0064)	ND(0.0048)	ND(0.0038)	ND(0.0032)	ND(0.01)	ND(0.0074)	ND(0.0074)
HOO4-SS1	03/23/05	2.64	ND(0.016)	ND(0.0068)	ND(0.0051)	0.0057	ND(0.0035)	ND(0.011)	ND(0.0079)	ND(0.0079)
HOO4-SS1 Dup	03/23/05	2.58	ND(0.016)	ND(0.0067)	ND(0.005)	0.0055	ND(0.0034)	ND(0.011)	ND(0.0078)	ND(0.0078)
HOO4-SS2	03/23/05	2.33	ND(0.014)	ND(0.006)	ND(0.0045)	0.0082	ND(0.0031)	ND(0.0096)	ND(0.007)	ND(0.007)
HOO5-SS1	03/24/05	2.64	ND(0.016)	ND(0.0068)	ND(0.0051)	ND(0.0041)	ND(0.0035)	ND(0.011)	ND(0.0079)	ND(0.0079)
HOO5-SS1 Dup	03/24/05	2.05	ND(0.013)	ND(0.0053)	ND(0.004)	ND(0.0032)	ND(0.0027)	ND(0.0085)	ND(0.0062)	ND(0.0062)
HOO5-SS2	03/24/05	2.47	ND(0.015)	ND(0.0064)	ND(0.0048)	0.1	ND(0.0032)	ND(0.01)	ND(0.0074)	ND(0.0074)
HOO8-SS1	04/05/05	2.53	ND(0.016)	ND(0.0065)	ND(0.0049)	0.0089	ND(0.0033)	ND(0.01)	ND(0.0076)	ND(0.0076)
HOO8-SS2	04/05/05	2.53	ND(0.016)	ND(0.0065)	ND(0.0049)	0.0054	ND(0.0033)	ND(0.01)	ND(0.0076)	ND(0.0076)
HOO9-SS1	03/31/05	2.64	ND(0.016)	ND(0.0068)	ND(0.0051)	0.0079	ND(0.0035)	ND(0.011)	ND(0.0079)	ND(0.0079)
HOO9-SS1 Dup	03/31/05	2.76	ND(0.017)	ND(0.0071)	ND(0.0054)	ND(0.0043)	ND(0.0036)	ND(0.011)	ND(0.0083)	ND(0.0083)
HOO12-SS1	03/30/05	2.47	ND(0.015)	ND(0.0064)	ND(0.0048)	0.0089	ND(0.0032)	ND(0.01)	ND(0.0074)	ND(0.0074)
HOO12-SS2	03/30/05	2.64	ND(0.016)	ND(0.0068)	ND(0.0051)	ND(0.0041)	ND(0.0035)	ND(0.011)	ND(0.0079)	ND(0.0079)
HOO15-SS1	03/30/05	2.38	ND(0.015)	ND(0.0062)	ND(0.0046)	ND(0.0037)	ND(0.0031)	ND(0.0098)	ND(0.0072)	ND(0.0072)
HOO15-SS2	03/30/05	2.38	ND(0.015)	ND(0.0062)	ND(0.0046)	ND(0.0037)	ND(0.0031)	ND(0.0098)	ND(0.0072)	ND(0.0072)
HOO16-SS1	04/02/05	2.24	ND(0.014)	ND(0.0058)	ND(0.0043)	ND(0.0035)U	ND(0.003)	ND(0.0092)	ND(0.0067)	ND(0.0067)
	05/04/05	2.16	ND(0.014)	ND(0.0056)	ND(0.0042)	0.011	ND(0.0028)	ND(0.0089)	ND(0.0065)	ND(0.0065)
HOO16-SS2	04/02/05	2.47	ND(0.015)	ND(0.0064)	ND(0.0048)	ND(0.0038)	ND(0.0032)	ND(0.01)	ND(0.0074)	ND(0.0074)
	05/04/05	2.42	ND(0.015)	ND(0.0063)	ND(0.0047)	0.012	ND(0.0032)	ND(0.01)	ND(0.0073)	ND(0.0073)
HOO16-SS2 Dup	05/04/05	2.24	ND(0.014)	ND(0.0058)	ND(0.0043)	0.012	ND(0.003)	ND(0.0092)	ND(0.0067)	ND(0.0067)
HOO17-SS1	04/02/05	2.53	ND(0.016)	ND(0.0065)	ND(0.0049)	ND(0.0039)U	ND(0.0033)	ND(0.01)	ND(0.0076)	ND(0.0076)
HOO18-SS1	04/14/05	2.64	ND(0.016)	ND(0.0068)	ND(0.0051)	0.0057	ND(0.0035)	ND(0.011)	ND(0.0079)	ND(0.0079)
HOO18-SS1 Dup	04/14/05	2.53	ND(0.016)	ND(0.0065)	ND(0.0049)	ND(0.0039)	ND(0.0033)	ND(0.01)	ND(0.0076)	ND(0.0076)
HOO19-SS1	04/07/05	2.38	ND(0.015)	ND(0.0062)	ND(0.0046)	0.03	ND(0.0031)	ND(0.0098)	ND(0.0072)	ND(0.0072)
HOO19-SS2	04/07/05	2.82	ND(0.018)	ND(0.0073)	ND(0.0055)	ND(0.0044)	ND(0.0037)	ND(0.012)	ND(0.0085)	ND(0.0085)
HOO20-SS1	04/09/05	2.33	ND(0.014)	ND(0.006)	ND(0.0045)	0.0063	ND(0.0031)	ND(0.0096)	ND(0.007)	ND(0.007)
HOO20-SS2	04/09/05	2.76	ND(0.017)J	ND(0.0071)J	ND(0.0054)J	ND(0.0043)J	ND(0.0036)J	ND(0.011)J	ND(0.0083)J	ND(0.0083)J

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Table 4c. Soil-Gas Analytical Results for Sub-Slab Samples Summary Table, Water Treatment and Other Chemicals, Chevron Cincinnati Facility, Hooven, Ohio.

Sub-Slab Sample ID	Date	TO-15 Dilution Factor	Allyl Chloride (mg/m³)	Benzylchloride (mg/m³)	Bromomethane (mg/m³)	Carbon Disulfide (mg/m³)	Chloroethane (mg/m³)	Chloromethane (mg/m³)	1,2-Dichlorobenzene (mg/m³)	1,3-Dichlorobenzene (mg/m³)
JEF1-SS1	03/29/05	2.89	ND(0.018)	ND(0.0075)	ND(0.0056)	ND(0.0045)	ND(0.0038)	ND(0.012)	ND(0.0087)	ND(0.0087)
JEF1-SS2	03/29/05	2.64	ND(0.016)	ND(0.0068)	ND(0.0051)	ND(0.0041)	ND(0.0035)	ND(0.011)	ND(0.0079)	ND(0.0079)
JEF2-SS1	04/05/05	2.42	ND(0.015)	ND(0.0063)	ND(0.0047)	0.026	ND(0.0032)	ND(0.01)	ND(0.0073)	ND(0.0073)
JEF2-SS2	04/05/05	2.47	ND(0.015)	ND(0.0064)	ND(0.0048)	ND(0.0038)	ND(0.0032)	ND(0.01)	ND(0.0074)	ND(0.0074)
MON2-SS1	03/24/05	2.42	ND(0.015)	ND(0.0063)	ND(0.0047)	ND(0.0038)	ND(0.0032)	ND(0.01)	ND(0.0073)	ND(0.0073)
	03/26/05	2.33	ND(0.014)	ND(0.006)	ND(0.0045)	ND(0.0036)	ND(0.0031)	ND(0.0096)	ND(0.007)	ND(0.007)
MON2-SS2	03/24/05	2.58	ND(0.016)	ND(0.0067)	ND(0.005)	ND(0.004)	ND(0.0034)	ND(0.011)	ND(0.0078)	ND(0.0078)
	03/26/05	2.24	ND(0.014)	ND(0.0058)	ND(0.0043)	ND(0.0035)	ND(0.003)	ND(0.0092)	ND(0.0067)	ND(0.0067)
MON3-SS1	03/31/05	2.29	ND(0.014)	ND(0.0059)	ND(0.0044)	0.0047	ND(0.003)	ND(0.0094)	ND(0.0069)	ND(0.0069)
MON3-SS1 Dup	03/31/05	2.47	ND(0.015)	ND(0.0064)	ND(0.0048)	ND(0.0038)	ND(0.0032)	ND(0.01)	ND(0.0074)	ND(0.0074)
MON3-SS2	03/31/05	2.47	ND(0.015)	ND(0.0064)	ND(0.0048)	0.031	ND(0.0032)	ND(0.01)	ND(0.0074)	ND(0.0074)
OHI2-SS1	03/24/05	2.47	ND(0.015)	ND(0.0064)	ND(0.0048)	ND(0.0038)	ND(0.0032)	ND(0.01)	ND(0.0074)	ND(0.0074)
OHI2-SS2	03/24/05	2.47	ND(0.015)	ND(0.0064)	ND(0.0048)	ND(0.0038)	ND(0.0032)	ND(0.01)	ND(0.0074)	ND(0.0074)
OHI3-SS1	04/01/05	2.76	ND(0.017)	ND(0.0071)	ND(0.0054)	ND(0.0043)	ND(0.0036)	ND(0.011)	ND(0.0083)	ND(0.0083)
OHI3-SS1 Dup	04/01/05	2.16	ND(0.014)	ND(0.0056)	ND(0.0042)	ND(0.0034)U	ND(0.0028)	ND(0.0089)	ND(0.0065)	ND(0.0065)
OHI3-SS2	04/01/05	2.47	ND(0.015)	ND(0.0064)	ND(0.0048)	ND(0.0038)	ND(0.0032)	ND(0.01)	ND(0.0074)	ND(0.0074)
OHI4-SS1	03/25/05	2.42	ND(0.015)	ND(0.0063)	ND(0.0047)	ND(0.0038)	ND(0.0032)	ND(0.01)	ND(0.0073)	ND(0.0073)
OHI5-SS1	04/02/05	2.24	ND(0.014)	ND(0.0058)	ND(0.0043)	0.02	ND(0.003)	ND(0.0092)	ND(0.0067)	ND(0.0067)
	05/03/05	2.38	ND(0.015)	ND(0.0062)	ND(0.0046)	ND(0.0037)	ND(0.0031)	ND(0.0098)	ND(0.0072)	ND(0.0072)
OHI5-SS2	04/02/05	2.38	ND(0.015)	ND(0.0062)	ND(0.0046)	ND(0.0037)	ND(0.0031)	ND(0.0098)	ND(0.0072)	ND(0.0072)
	05/03/05	2.24	ND(0.014)	ND(0.0058)	ND(0.0043)	0.0049	ND(0.003)	ND(0.0092)	ND(0.0067)	ND(0.0067)
OHI6-SS1	04/01/05	2.38	ND(0.015)	ND(0.0062)	ND(0.0046)	ND(0.0037)U	ND(0.0031)	ND(0.0098)	ND(0.0072)	ND(0.0072)
OHI6-SS1 Dup	04/01/05	3.14	ND(0.02)	ND(0.0081)	ND(0.0061)	ND(0.0049)	ND(0.0041)	ND(0.013)	ND(0.0094)	ND(0.0094)
OHI6-SS2	04/01/05	2.53	ND(0.016)	ND(0.0065)	ND(0.0049)	ND(0.0039)	ND(0.0033)	ND(0.01)	ND(0.0076)	ND(0.0076)
OHI6-SS2 Dup	04/02/05	2.33	ND(0.014)	ND(0.006)	ND(0.0045)	ND(0.0036)	ND(0.0031)	ND(0.0096)	ND(0.007)	ND(0.007)
OHI7-SS1	04/07/05	2.64	ND(0.016)	ND(0.0068)	ND(0.0051)	0.0048	ND(0.0035)	ND(0.011)	ND(0.0079)	ND(0.0079)
OHI7-SS2	04/07/05	2.82	ND(0.018)	ND(0.0073)	ND(0.0055)	0.0092	ND(0.0037)	ND(0.012)	ND(0.0085)	ND(0.0085)
OHI7-SS2 Dup	04/07/05	2.58	ND(0.016)	ND(0.0067)	ND(0.005)	ND(0.004)	ND(0.0034)	ND(0.011)	ND(0.0078)	ND(0.0078)
OHI8-SS1	04/11/05	2.69	ND(0.017)	ND(0.007)	ND(0.0052)	0.0044	ND(0.0035)	ND(0.011)	ND(0.0081)	ND(0.0081)
OHI8-SS2	04/11/05	2.42	ND(0.015)	ND(0.0063)	ND(0.0047)	ND(0.0038)	ND(0.0032)	ND(0.01)	ND(0.0073)	ND(0.0073)
OHI9-SS1	04/09/05	2.20	ND(0.014)	ND(0.0057)	ND(0.0043)	0.0049	ND(0.0029)	ND(0.0091)	ND(0.0066)	ND(0.0066)
OHI9-SS2	04/09/05	2.29	ND(0.014)	ND(0.0059)	ND(0.0044)	ND(0.0036)	ND(0.003)	ND(0.0094)	ND(0.0069)	ND(0.0069)
WAS1-SS1	04/01/05	2.53	ND(0.016)	ND(0.0065)	ND(0.0049)	ND(0.0039)	ND(0.0033)	ND(0.01)	ND(0.0076)	ND(0.0076)

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Table 4c. Soil-Gas Analytical Results for Sub-Slab Samples Summary Table, Water Treatment and Other Chemicals, Chevron Cincinnati Facility, Hooven, Ohio.

Sub-Slab Sample ID	Date	TO-15 Dilution Factor	Allyl Chloride (mg/m³)	Benzylchloride (mg/m³)	Bromomethane (mg/m³)	Carbon Disulfide (mg/m³)	Chloroethane (mg/m³)	Chloromethane (mg/m³)	1,2-Dichlorobenzene (mg/m³)	1,3-Dichlorobenzene (mg/m³)
WAS1-SS2	04/01/05	2.42	ND(0.015)	ND(0.0063)	ND(0.0047)	ND(0.0038)	ND(0.0032)	ND(0.01)	ND(0.0073)	ND(0.0073)
WAS2-SS1	03/30/05	2.82	ND(0.018)	ND(0.0073)	ND(0.0055)	ND(0.0044)	ND(0.0037)	ND(0.012)	ND(0.0085)	ND(0.0085)
WAS2-SS1 Dup	03/30/05	2.38	ND(0.015)	ND(0.0062)	ND(0.0046)	0.0042	ND(0.0031)	ND(0.0098)	ND(0.0072)	ND(0.0072)
WAS2-SS2	03/30/05	2.58	ND(0.016)	ND(0.0067)	ND(0.005)	ND(0.004)	ND(0.0034)	ND(0.011)	ND(0.0078)	ND(0.0078)

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Table 4c. Soil-Gas Analytical Results for Sub-Slab Samples Summary Table, Water Treatment and Other Chemicals, Chevron Cincinnati Facility, Hooven, Ohio.

Sub-Slab Sample ID	Date	TO-15 Dilution Factor	1,4-Dichlorobenzene (mg/m³)	Dichlorodifluoromethane (mg/m³)	1,2-Dichloropropane (mg/m³)	cis-1,3-Dichloropropene (mg/m³)	trans-1,3-Dichloropropene (mg/m³)	1,2-Dichloro-1,1,2,2-tetrafluoroethane (mg/m³)	Ethanol (mg/m³)
ADA1-SS1	03/28/05	2.20	ND(0.0066)	ND(0.0054)	ND(0.0051)	ND(0.005)	ND(0.005)	ND(0.0077)	ND(0.0083)
ADA1-SS2	03/28/05	2.29	ND(0.0069)	ND(0.0057)	ND(0.0053)	ND(0.0052)	ND(0.0052)	ND(0.008)	ND(0.0086)
CHI10-SS1	04/16/05	2.20	ND(0.0066)	ND(0.0054)	ND(0.0051)	ND(0.005)	ND(0.005)	ND(0.0077)	0.012
CHI10-SS2	04/16/05	2.20	ND(0.0066)	ND(0.0054)	ND(0.0051)	ND(0.005)	ND(0.005)	ND(0.0077)	0.027
CHI1-SS1	03/22/05	2.05	ND(0.0062)R	ND(0.0051)R	ND(0.0047)R	ND(0.0046)R	ND(0.0046)R	ND(0.0072)R	0.0091 R
CHI1-SS2	03/22/05	2.69	ND(0.0081)	ND(0.0066)	ND(0.0062)	ND(0.0061)	ND(0.0061)	ND(0.0094)	ND(0.01)
CHI2-SS1	03/29/05	2.47	ND(0.0074)	ND(0.0061)	ND(0.0057)	ND(0.0056)	ND(0.0056)	ND(0.0086)	ND(0.0093)
CHI2-SS2	03/29/05	2.64	ND(0.0079)	ND(0.0065)	ND(0.0061)	ND(0.006)	ND(0.006)	ND(0.0092)	ND(0.0099)
CHI2-SS2 Dup	03/29/05	2.64	ND(0.0079)	ND(0.0065)	ND(0.0061)	ND(0.006)	ND(0.006)	ND(0.0092)	0.013
CHI3-SS1	03/29/05	2.38	ND(0.0072)	ND(0.0059)	ND(0.0055)	ND(0.0054)	ND(0.0054)	ND(0.0083)	0.0094
CHI3-SS1 Dup	03/28/05	2.47	ND(0.0074)	ND(0.0061)	ND(0.0057)	ND(0.0056)	ND(0.0056)	ND(0.0086)	ND(0.0093)
CHI3-SS2	03/28/05	2.38	ND(0.0072)	ND(0.0059)	ND(0.0055)	ND(0.0054)	ND(0.0054)	ND(0.0083)	ND(0.009)
CHI4-SS1	03/22/05	2.24	ND(0.0067)R	ND(0.0055)R	ND(0.0052)R	ND(0.0051)R	ND(0.0051)R	ND(0.0078)R	0.087 R
	05/04/05	2.58	ND(0.0078)	ND(0.0064)	ND(0.006)	ND(0.0058)	ND(0.0058)	ND(0.009)	0.019
CHI4-SS1 Rep	03/22/05	2.05	ND(0.0062)	ND(0.0051)	ND(0.0047)	ND(0.0046)	ND(0.0046)	ND(0.0072)	0.15 J
CHI4-SS2	03/22/05	2.69	ND(0.0081)R	ND(0.0066)R	ND(0.0062)R	ND(0.0061)R	ND(0.0061)R	ND(0.0094)R	0.014 R
	05/04/05	2.24	ND(0.0067)	ND(0.0055)	ND(0.0052)	ND(0.0051)	ND(0.0051)	ND(0.0078)	0.014
CHI5-SS1	03/30/05	2.58	ND(0.0078)	ND(0.0064)	ND(0.006)	ND(0.0058)	ND(0.0058)	ND(0.009)	ND(0.0097)
CHI5-SS1 Dup	03/30/05	2.42	ND(0.0073)	ND(0.006)	ND(0.0056)	ND(0.0055)	ND(0.0055)	ND(0.0084)	0.014
CHI5-SS2	03/30/05	2.47	ND(0.0074)	ND(0.0061)	ND(0.0057)	ND(0.0056)	ND(0.0056)	ND(0.0086)	ND(0.0093)
CHI6-SS1	03/29/05	2.24	ND(0.0067)	ND(0.0055)	ND(0.0052)	ND(0.0051)	ND(0.0051)	ND(0.0078)	ND(0.0084)
CHI6-SS2	03/29/05	2.47	ND(0.0074)	ND(0.0061)	ND(0.0057)	ND(0.0056)	ND(0.0056)	ND(0.0086)	ND(0.0093)
CHI8-SS1	03/28/05	2.69	ND(0.0081)	ND(0.0066)	ND(0.0062)	ND(0.0061)	ND(0.0061)	ND(0.0094)	ND(0.01)
CHI8-SS2	03/28/05	2.33	ND(0.007)	0.0084	ND(0.0054)	ND(0.0053)	ND(0.0053)	ND(0.0081)	ND(0.0088)
CHI8-SS3	03/28/05	2.33	ND(0.007)	ND(0.0058)	ND(0.0054)	ND(0.0053)	ND(0.0053)	ND(0.0081)	ND(0.0088)
CHI8-SS4	03/28/05	2.53	ND(0.0076)	ND(0.0062)	ND(0.0058)	ND(0.0057)	ND(0.0057)	ND(0.0088)	ND(0.0095)
CHI8-SS4 Dup	03/28/05	2.29	ND(0.0069)	0.0086	ND(0.0053)	ND(0.0052)	ND(0.0052)	ND(0.008)	0.017
CHI9-SS1	04/01/05	2.47	ND(0.0074)	ND(0.0061)	ND(0.0057)	ND(0.0056)	ND(0.0056)	ND(0.0086)	0.019
HOO1-SS1	03/23/05	2.42	ND(0.0073)R	ND(0.006)R	ND(0.0056)R	ND(0.0055)R	ND(0.0055)R	ND(0.0084)R	ND(0.0091)R
	05/03/05	2.24	ND(0.0067)	ND(0.0055)	ND(0.0052)	ND(0.0051)	ND(0.0051)	ND(0.0078)	ND(0.0084)
HOO1-SS2	03/23/05	2.42	ND(0.0073)R	ND(0.006)R	ND(0.0056)R	ND(0.0055)R	ND(0.0055)R	ND(0.0084)R	ND(0.0091)R
	05/03/05	2.29	ND(0.0069)	ND(0.0057)	ND(0.0053)	ND(0.0052)	ND(0.0052)	ND(0.008)	0.011

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Table 4c. Soil-Gas Analytical Results for Sub-Slab Samples Summary Table, Water Treatment and Other Chemicals, Chevron Cincinnati Facility, Hooven, Ohio.

Sub-Slab Sample ID	Date	TO-15 Dilution Factor	1,4-Dichlorobenzene (mg/m³)	Dichlorodifluoromethane (mg/m³)	1,2-Dichloropropane (mg/m³)	cis-1,3-Dichloropropene (mg/m³)	trans-1,3-Dichloropropene (mg/m³)	1,2-Dichloro-1,1,2,2-tetrafluoroethane (mg/m³)	Ethanol (mg/m³)
HOO1-SS2 Dup	05/03/05	2.24	ND(0.0067)	ND(0.0055)	ND(0.0052)	ND(0.0051)	ND(0.0051)	ND(0.0078)	ND(0.0084)
HOO2-SS1	03/25/05	2.64	ND(0.0079)	ND(0.0065)	ND(0.0061)	ND(0.006)	ND(0.006)	ND(0.0092)	0.023
HOO2-SS2	03/25/05	2.42	ND(0.0073)	ND(0.006)	ND(0.0056)	ND(0.0055)	ND(0.0055)	ND(0.0084)	0.02
HOO3-SS1	03/23/05	2.76	ND(0.0083)R	ND(0.0068)R	ND(0.0064)R	ND(0.0063)R	ND(0.0063)R	ND(0.0096)R	0.063 R
	05/11/05	2.38	ND(0.0072)	ND(0.0059)	ND(0.0055)	ND(0.0054)	ND(0.0054)	ND(0.0083)	0.086
HOO3-SS2	03/23/05	2.58	ND(0.0078)R	ND(0.0064)R	ND(0.006)R	ND(0.0058)R	ND(0.0058)R	ND(0.009)R	0.041 R
	05/11/05	2.38	ND(0.0072)	ND(0.0059)	ND(0.0055)	ND(0.0054)	ND(0.0054)	ND(0.0083)	0.074
HOO3-SS2 Dup	03/23/05	2.47	ND(0.0074)	ND(0.0061)	ND(0.0057)	ND(0.0056)	ND(0.0056)	ND(0.0086)	0.016 J
HOO4-SS1	03/23/05	2.64	ND(0.0079)	0.0078	ND(0.0061)	ND(0.006)	ND(0.006)	ND(0.0092)	0.014 J
HOO4-SS1 Dup	03/23/05	2.58	ND(0.0078)	ND(0.0064)	ND(0.006)	ND(0.0058)	ND(0.0058)	ND(0.009)	0.0095 J
HOO4-SS2	03/23/05	2.33	ND(0.007)	0.0067	ND(0.0054)	ND(0.0053)	ND(0.0053)	ND(0.0081)	0.018 J
HOO5-SS1	03/24/05	2.64	ND(0.0079)	ND(0.0065)	ND(0.0061)	ND(0.006)	ND(0.006)	ND(0.0092)	ND(0.0099)J
HOO5-SS1 Dup	03/24/05	2.05	ND(0.0062)	0.0052	ND(0.0047)	ND(0.0046)	ND(0.0046)	ND(0.0072)	0.0076 J
HOO5-SS2	03/24/05	2.47	ND(0.0074)	0.0066	ND(0.0057)	ND(0.0056)	ND(0.0056)	ND(0.0086)	0.013 J
HOO8-SS1	04/05/05	2.53	ND(0.0076)	ND(0.0062)	ND(0.0058)	ND(0.0057)	ND(0.0057)	ND(0.0088)	0.024
HOO8-SS2	04/05/05	2.53	ND(0.0076)	ND(0.0062)	ND(0.0058)	ND(0.0057)	ND(0.0057)	ND(0.0088)	0.028
HOO9-SS1	03/31/05	2.64	ND(0.0079)	ND(0.0065)	ND(0.0061)	ND(0.006)	ND(0.006)	ND(0.0092)	ND(0.0099)
HOO9-SS1 Dup	03/31/05	2.76	ND(0.0083)	ND(0.0068)	ND(0.0064)	ND(0.0063)	ND(0.0063)	ND(0.0096)	ND(0.01)
HOO12-SS1	03/30/05	2.47	ND(0.0074)	ND(0.0061)	ND(0.0057)	ND(0.0056)	ND(0.0056)	ND(0.0086)	0.049
HOO12-SS2	03/30/05	2.64	ND(0.0079)	ND(0.0065)	ND(0.0061)	ND(0.006)	ND(0.006)	ND(0.0092)	0.055
HOO15-SS1	03/30/05	2.38	ND(0.0072)	0.0061	ND(0.0055)	ND(0.0054)	ND(0.0054)	ND(0.0083)	ND(0.009)
HOO15-SS2	03/30/05	2.38	ND(0.0072)	ND(0.0059)	ND(0.0055)	ND(0.0054)	ND(0.0054)	ND(0.0083)	ND(0.009)
HOO16-SS1	04/02/05	2.24	ND(0.0067)	ND(0.0055)	ND(0.0052)	ND(0.0051)	ND(0.0051)	ND(0.0078)	0.02
	05/04/05	2.16	ND(0.0065)	ND(0.0053)	ND(0.005)	ND(0.0049)	ND(0.0049)	ND(0.0076)	0.02
HOO16-SS2	04/02/05	2.47	ND(0.0074)	ND(0.0061)	ND(0.0057)	ND(0.0056)	ND(0.0056)	ND(0.0086)	ND(0.0093)
	05/04/05	2.42	ND(0.0073)	0.007	ND(0.0056)	ND(0.0055)	ND(0.0055)	ND(0.0084)	0.02
HOO16-SS2 Dup	05/04/05	2.24	ND(0.0067)	0.0059	ND(0.0052)	ND(0.0051)	ND(0.0051)	ND(0.0078)	0.02
HOO17-SS1	04/02/05	2.53	ND(0.0076)	ND(0.0062)	ND(0.0058)	ND(0.0057)	ND(0.0057)	ND(0.0088)	ND(0.0095)
HOO18-SS1	04/14/05	2.64	ND(0.0079)	ND(0.0065)	ND(0.0061)	ND(0.006)	ND(0.006)	ND(0.0092)	0.012
HOO18-SS1 Dup	04/14/05	2.53	ND(0.0076)	ND(0.0062)	ND(0.0058)	ND(0.0057)	ND(0.0057)	ND(0.0088)	ND(0.0095)
HOO19-SS1	04/07/05	2.38	ND(0.0072)	ND(0.0059)	ND(0.0055)	ND(0.0054)	ND(0.0054)	ND(0.0083)	0.024 J
HOO19-SS2	04/07/05	2.82	ND(0.0085)	ND(0.007)	ND(0.0065)	ND(0.0064)	ND(0.0064)	ND(0.0098)	ND(0.011)

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Table 4c. Soil-Gas Analytical Results for Sub-Slab Samples Summary Table, Water Treatment and Other Chemicals, Chevron Cincinnati Facility, Hooven, Ohio.

Sub-Slab Sample ID	Date	TO-15 Dilution Factor	1,4-Dichlorobenzene (mg/m³)	Dichlorodifluoromethane (mg/m³)	1,2-Dichloropropane (mg/m³)	cis-1,3-Dichloropropene (mg/m³)	trans-1,3-Dichloropropene (mg/m³)	1,2-Dichloro-1,1,2,2-tetrafluoroethane (mg/m³)	Ethanol (mg/m³)
HOO20-SS1	04/09/05	2.33	ND(0.007)	ND(0.0058)	ND(0.0054)	ND(0.0053)	ND(0.0053)	ND(0.0081)	ND(0.0088)
HOO20-SS2	04/09/05	2.76	ND(0.0083)J	ND(0.0068)J	ND(0.0064)J	ND(0.0063)J	ND(0.0063)J	ND(0.0096)J	ND(0.01)J
JEF1-SS1	03/29/05	2.89	ND(0.0087)	ND(0.0071)	ND(0.0067)	ND(0.0066)	ND(0.0066)	ND(0.01)	ND(0.011)
JEF1-SS2	03/29/05	2.64	ND(0.0079)	ND(0.0065)	ND(0.0061)	ND(0.006)	ND(0.006)	ND(0.0092)	0.039
JEF2-SS1	04/05/05	2.42	ND(0.0073)	ND(0.006)	ND(0.0056)	ND(0.0055)	ND(0.0055)	ND(0.0084)	0.01
JEF2-SS2	04/05/05	2.47	ND(0.0074)	ND(0.0061)	ND(0.0057)	ND(0.0056)	ND(0.0056)	ND(0.0086)	ND(0.0093)
MON2-SS1	03/24/05	2.42	ND(0.0073)	ND(0.006)	ND(0.0056)	ND(0.0055)	ND(0.0055)	ND(0.0084)	ND(0.0091)J
	03/26/05	2.33	ND(0.007)	ND(0.0058)	ND(0.0054)	ND(0.0053)	ND(0.0053)	ND(0.0081)	ND(0.0088)
MON2-SS2	03/24/05	2.58	ND(0.0078)	ND(0.0064)	ND(0.006)	ND(0.0058)	ND(0.0058)	ND(0.009)	ND(0.0097)J
	03/26/05	2.24	ND(0.0067)	0.0067	ND(0.0052)	ND(0.0051)	ND(0.0051)	ND(0.0078)	ND(0.0084)
MON3-SS1	03/31/05	2.29	ND(0.0069)	ND(0.0057)	ND(0.0053)	ND(0.0052)	ND(0.0052)	ND(0.008)	ND(0.0086)
MON3-SS1 Dup	03/31/05	2.47	ND(0.0074)	ND(0.0061)	ND(0.0057)	ND(0.0056)	ND(0.0056)	ND(0.0086)	ND(0.0093)
MON3-SS2	03/31/05	2.47	ND(0.0074)	0.0087	ND(0.0057)	ND(0.0056)	ND(0.0056)	ND(0.0086)	0.011
OHI2-SS1	03/24/05	2.47	ND(0.0074)	ND(0.0061)	ND(0.0057)	ND(0.0056)	ND(0.0056)	ND(0.0086)	ND(0.0093)J
OHI2-SS2	03/24/05	2.47	ND(0.0074)	ND(0.0061)	ND(0.0057)	ND(0.0056)	ND(0.0056)	ND(0.0086)	0.011 J
OHI3-SS1	04/01/05	2.76	ND(0.0083)	ND(0.0068)	ND(0.0064)	ND(0.0063)	ND(0.0063)	ND(0.0096)	ND(0.01)
OHI3-SS1 Dup	04/01/05	2.16	ND(0.0065)	ND(0.0053)	ND(0.005)	ND(0.0049)	ND(0.0049)	ND(0.0076)	ND(0.0081)
OHI3-SS2	04/01/05	2.47	ND(0.0074)	ND(0.0061)	ND(0.0057)	ND(0.0056)	ND(0.0056)	ND(0.0086)	ND(0.0093)
OHI4-SS1	03/25/05	2.42	ND(0.0073)	ND(0.006)	ND(0.0056)	ND(0.0055)	ND(0.0055)	ND(0.0084)	ND(0.0091)
OHI5-SS1	04/02/05	2.24	ND(0.0067)	ND(0.0055)	ND(0.0052)	ND(0.0051)	ND(0.0051)	ND(0.0078)	0.01
	05/03/05	2.38	ND(0.0072)	ND(0.0059)	ND(0.0055)	ND(0.0054)	ND(0.0054)	ND(0.0083)	ND(0.009)
OHI5-SS2	04/02/05	2.38	ND(0.0072)	ND(0.0059)	ND(0.0055)	ND(0.0054)	ND(0.0054)	ND(0.0083)	ND(0.009)
	05/03/05	2.24	ND(0.0067)	ND(0.0055)	ND(0.0052)	ND(0.0051)	ND(0.0051)	ND(0.0078)	ND(0.0084)
OHI6-SS1	04/01/05	2.38	ND(0.0072)	ND(0.0059)	ND(0.0055)	ND(0.0054)	ND(0.0054)	ND(0.0083)	0.019
OHI6-SS1 Dup	04/01/05	3.14	ND(0.0094)	ND(0.0078)	ND(0.0072)	ND(0.0071)	ND(0.0071)	ND(0.011)	0.016
OHI6-SS2	04/01/05	2.53	ND(0.0076)	ND(0.0062)	ND(0.0058)	ND(0.0057)	ND(0.0057)	ND(0.0088)	ND(0.0095)
OHI6-SS2 Dup	04/02/05	2.33	ND(0.007)	ND(0.0058)	ND(0.0054)	ND(0.0053)	ND(0.0053)	ND(0.0081)	ND(0.0088)
OHI7-SS1	04/07/05	2.64	ND(0.0079)	ND(0.0065)	ND(0.0061)	ND(0.006)	ND(0.006)	ND(0.0092)	0.015
OHI7-SS2	04/07/05	2.82	ND(0.0085)	ND(0.007)	ND(0.0065)	ND(0.0064)	ND(0.0064)	ND(0.0098)	0.042
OHI7-SS2 Dup	04/07/05	2.58	ND(0.0078)	ND(0.0064)	ND(0.006)	ND(0.0058)	ND(0.0058)	ND(0.009)	0.024
OHI8-SS1	04/11/05	2.69	ND(0.0081)	ND(0.0066)	ND(0.0062)	ND(0.0061)	ND(0.0061)	ND(0.0094)	0.015
OHI8-SS2	04/11/05	2.42	ND(0.0073)	ND(0.006)	ND(0.0056)	ND(0.0055)	ND(0.0055)	ND(0.0084)	0.013

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Table 4c. Soil-Gas Analytical Results for Sub-Slab Samples Summary Table, Water Treatment and Other Chemicals, Chevron Cincinnati Facility, Hooven, Ohio.

Sub-Slab Sample ID	Date	TO-15 Dilution Factor	1,4-Dichlorobenzene (mg/m³)	Dichlorodifluoromethane (mg/m³)	1,2-Dichloropropane (mg/m³)	cis-1,3-Dichloropropene (mg/m³)	trans-1,3-Dichloropropene (mg/m³)	1,2-Dichloro-1,1,2,2-tetrafluoroethane (mg/m³)	Ethanol (mg/m³)
OHI9-SS1	04/09/05	2.20	ND(0.0066)	ND(0.0054)	ND(0.0051)	ND(0.005)	ND(0.005)	ND(0.0077)	0.019
OHI9-SS2	04/09/05	2.29	ND(0.0069)	ND(0.0057)	ND(0.0053)	ND(0.0052)	ND(0.0052)	ND(0.008)	0.026
WAS1-SS1	04/01/05	2.53	ND(0.0076)	ND(0.0062)	ND(0.0058)	ND(0.0057)	ND(0.0057)	ND(0.0088)	ND(0.0095)
WAS1-SS2	04/01/05	2.42	ND(0.0073)	ND(0.006)	ND(0.0056)	ND(0.0055)	ND(0.0055)	ND(0.0084)	ND(0.0091)
WAS2-SS1	03/30/05	2.82	ND(0.0085)	ND(0.007)	ND(0.0065)	ND(0.0064)	ND(0.0064)	ND(0.0098)	0.012
WAS2-SS1 Dup	03/30/05	2.38	ND(0.0072)	ND(0.0059)	ND(0.0055)	ND(0.0054)	ND(0.0054)	ND(0.0083)	0.011
WAS2-SS2	03/30/05	2.58	ND(0.0078)	ND(0.0064)	ND(0.006)	ND(0.0058)	ND(0.0058)	ND(0.009)	ND(0.0097)

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Table 4c. Soil-Gas Analytical Results for Sub-Slab Samples Summary Table, Water Treatment and Other Chemicals, Chevron Cincinnati Facility, Hooven, Ohio.

Sub-Slab Sample ID	Date	TO-15 Dilution Factor	1,2,4-Trichloro benzene (mg/m³)	Trichlorofluoro methane (mg/m³)	1,1,2-Trichlorotri fluoroethane (mg/m³)	Bromodi chloromethane (mg/m³)	Bromoform (mg/m³)	Chloroform (mg/m³)	Dibromochlorome thane (mg/m³)
ADA1-SS1	03/28/05	2.20	ND(0.033)	ND(0.0062)	ND(0.0084)	ND(0.0074)	ND(0.011)	ND(0.0054)	ND(0.0094)
ADA1-SS2	03/28/05	2.29	ND(0.034)	ND(0.0064)	ND(0.0088)	ND(0.0077)	ND(0.012)	ND(0.0056)	ND(0.0098)
CHI10-SS1	04/16/05	2.20	ND(0.033)	ND(0.0062)	ND(0.0084)	ND(0.0074)	ND(0.011)	ND(0.0054)	ND(0.0094)
CHI10-SS2	04/16/05	2.20	ND(0.033)	ND(0.0062)	ND(0.0084)	ND(0.0074)	ND(0.011)	ND(0.0054)	ND(0.0094)
CHI1-SS1	03/22/05	2.05	ND(0.03)R	ND(0.0058)R	ND(0.0078)R	ND(0.0069)R	ND(0.01)R	ND(0.005)R	ND(0.0087)R
CHI1-SS2	03/22/05	2.69	ND(0.04)	ND(0.0076)	ND(0.01)	ND(0.009)	ND(0.014)	ND(0.0066)	ND(0.011)
CHI2-SS1	03/29/05	2.47	ND(0.037)	ND(0.0069)	ND(0.0095)	ND(0.0083)	ND(0.013)	ND(0.006)	ND(0.01)
CHI2-SS2	03/29/05	2.64	ND(0.039)	ND(0.0074)	ND(0.01)	ND(0.0088)	ND(0.014)	ND(0.0064)	ND(0.011)
CHI2-SS2 Dup	03/29/05	2.64	ND(0.039)	ND(0.0074)	ND(0.01)	ND(0.0088)	ND(0.014)	ND(0.0064)	ND(0.011)
CHI3-SS1	03/29/05	2.38	ND(0.035)	ND(0.0067)	ND(0.0091)	ND(0.008)	ND(0.012)	ND(0.0058)	ND(0.01)
CHI3-SS1 Dup	03/28/05	2.47	ND(0.037)	ND(0.0069)	ND(0.0095)	ND(0.0083)	ND(0.013)	ND(0.006)	ND(0.01)
CHI3-SS2	03/28/05	2.38	ND(0.035)	ND(0.0067)	ND(0.0091)	ND(0.008)	ND(0.012)	ND(0.0058)	ND(0.01)
CHI4-SS1	03/22/05	2.24	ND(0.033)R	ND(0.0063)R	ND(0.0086)R	ND(0.0075)R	ND(0.012)R	ND(0.0055)R	ND(0.0095)R
	05/04/05	2.58	ND(0.038)	ND(0.0072)	ND(0.0099)	ND(0.0086)	ND(0.013)	ND(0.0063)	ND(0.011)
CHI4-SS1 Rep	03/22/05	2.05	ND(0.03)	ND(0.0058)	ND(0.0078)	ND(0.0069)	ND(0.01)	ND(0.005)	ND(0.0087)
CHI4-SS2	03/22/05	2.69	ND(0.04)R	ND(0.0076)R	ND(0.01)R	ND(0.009)R	ND(0.014)R	ND(0.0066)R	ND(0.011)R
	05/04/05	2.24	ND(0.033)	ND(0.0063)	ND(0.0086)	ND(0.0075)	ND(0.012)	ND(0.0055)	ND(0.0095)
CHI5-SS1	03/30/05	2.58	ND(0.038)	ND(0.0072)	ND(0.0099)	ND(0.0086)	ND(0.013)	ND(0.0063)	ND(0.011)
CHI5-SS1 Dup	03/30/05	2.42	ND(0.036)	ND(0.0068)	ND(0.0093)	ND(0.0081)	ND(0.012)	ND(0.0059)	ND(0.01)
CHI5-SS2	03/30/05	2.47	ND(0.037)	ND(0.0069)	ND(0.0095)	ND(0.0083)	ND(0.013)	ND(0.006)	ND(0.01)
CHI6-SS1	03/29/05	2.24	ND(0.033)	ND(0.0063)	ND(0.0086)	ND(0.0075)	ND(0.012)	ND(0.0055)	ND(0.0095)
CHI6-SS2	03/29/05	2.47	ND(0.037)	ND(0.0069)	ND(0.0095)	ND(0.0083)	ND(0.013)	ND(0.006)	ND(0.01)
CHI8-SS1	03/28/05	2.69	ND(0.04)	ND(0.0076)	ND(0.01)	ND(0.009)	ND(0.014)	0.017	ND(0.011)
CHI8-SS2	03/28/05	2.33	ND(0.034)	ND(0.0065)	ND(0.0089)	ND(0.0078)	ND(0.012)	ND(0.0057)	ND(0.0099)
CHI8-SS3	03/28/05	2.33	ND(0.034)	ND(0.0065)	ND(0.0089)	ND(0.0078)	ND(0.012)	0.046	ND(0.0099)
CHI8-SS4	03/28/05	2.53	ND(0.038)	ND(0.0071)	ND(0.0097)	ND(0.0085)	ND(0.013)	ND(0.0062)	ND(0.011)
CHI8-SS4 Dup	03/28/05	2.29	ND(0.034)	0.01	ND(0.0088)	ND(0.0077)	ND(0.012)	ND(0.0056)	ND(0.0098)
CHI9-SS1	04/01/05	2.47	ND(0.037)	ND(0.0069)	ND(0.0095)	ND(0.0083)	ND(0.013)	ND(0.006)	ND(0.01)
HOO1-SS1	03/23/05	2.42	ND(0.036)R	ND(0.0068)R	ND(0.0093)R	ND(0.0081)R	ND(0.012)R	ND(0.0059)R	ND(0.01)R
	05/03/05	2.24	ND(0.033)	ND(0.0063)	ND(0.0086)	ND(0.0075)	ND(0.012)	ND(0.0055)	ND(0.0095)
HOO1-SS2	03/23/05	2.42	ND(0.036)R	ND(0.0068)R	ND(0.0093)R	ND(0.0081)R	ND(0.012)R	ND(0.0059)R	ND(0.01)R
	05/03/05	2.29	ND(0.034)	ND(0.0064)	ND(0.0088)	ND(0.0077)	ND(0.012)	ND(0.0056)	ND(0.0098)

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Table 4c. Soil-Gas Analytical Results for Sub-Slab Samples Summary Table, Water Treatment and Other Chemicals, Chevron Cincinnati Facility, Hooven, Ohio.

Sub-Slab Sample ID	Date	TO-15 Dilution Factor	1,2,4-Trichloro benzene (mg/m³)	Trichlorofluoro methane (mg/m³)	1,1,2-Trichlorotri fluoroethane (mg/m³)	Bromodi chloromethane (mg/m³)	Bromoform (mg/m³)	Chloroform (mg/m³)	Dibromochlorome thane (mg/m³)
HOO1-SS2 Dup	05/03/05	2.24	ND(0.033)	ND(0.0063)	ND(0.0086)	ND(0.0075)	ND(0.012)	ND(0.0055)	ND(0.0095)
HOO2-SS1	03/25/05	2.64	ND(0.039)	ND(0.0074)	ND(0.01)	ND(0.0088)	ND(0.014)	ND(0.0064)	ND(0.011)
HOO2-SS2	03/25/05	2.42	ND(0.036)	ND(0.0068)	ND(0.0093)	ND(0.0081)	ND(0.012)	ND(0.0059)	ND(0.01)
HOO3-SS1	03/23/05	2.76	ND(0.041)R	ND(0.0078)R	ND(0.01)R	ND(0.0092)R	ND(0.014)R	ND(0.0067)R	ND(0.012)R
	05/11/05	2.38	ND(0.035)	ND(0.0067)	ND(0.0091)	ND(0.008)	ND(0.012)	ND(0.0058)	ND(0.01)
HOO3-SS2	03/23/05	2.58	ND(0.038)R	ND(0.0072)R	ND(0.0099)R	ND(0.0086)R	ND(0.013)R	ND(0.0063)R	ND(0.011)R
	05/11/05	2.38	ND(0.035)	ND(0.0067)	ND(0.0091)	ND(0.008)	ND(0.012)	0.006	ND(0.01)
HOO3-SS2 Dup	03/23/05	2.47	ND(0.037)	ND(0.0069)	ND(0.0095)	ND(0.0083)	ND(0.013)	0.0067	ND(0.01)
HOO4-SS1	03/23/05	2.64	ND(0.039)	ND(0.0074)	ND(0.01)	ND(0.0088)	ND(0.014)	0.0071	ND(0.011)
HOO4-SS1 Dup	03/23/05	2.58	ND(0.038)	ND(0.0072)	ND(0.0099)	ND(0.0086)	ND(0.013)	ND(0.0063)	ND(0.011)
HOO4-SS2	03/23/05	2.33	ND(0.034)	ND(0.0065)	ND(0.0089)	ND(0.0078)	ND(0.012)	ND(0.0057)	ND(0.0099)
HOO5-SS1	03/24/05	2.64	ND(0.039)	ND(0.0074)	ND(0.01)	ND(0.0088)	ND(0.014)	ND(0.0064)	ND(0.011)
HOO5-SS1 Dup	03/24/05	2.05	ND(0.03)	ND(0.0058)	ND(0.0078)	ND(0.0069)	ND(0.01)	ND(0.005)	ND(0.0087)
HOO5-SS2	03/24/05	2.47	ND(0.037)	ND(0.0069)	ND(0.0095)	ND(0.0083)	ND(0.013)	ND(0.006)	ND(0.01)
HOO8-SS1	04/05/05	2.53	ND(0.038)	ND(0.0071)	ND(0.0097)	ND(0.0085)	ND(0.013)	ND(0.0062)	ND(0.011)
HOO8-SS2	04/05/05	2.53	ND(0.038)	ND(0.0071)	ND(0.0097)	ND(0.0085)	ND(0.013)	ND(0.0062)	ND(0.011)
HOO9-SS1	03/31/05	2.64	ND(0.039)	ND(0.0074)	ND(0.01)	ND(0.0088)	ND(0.014)	ND(0.0064)	ND(0.011)
HOO9-SS1 Dup	03/31/05	2.76	ND(0.041)	ND(0.0078)	ND(0.01)	ND(0.0092)	ND(0.014)	ND(0.0067)	ND(0.012)
HOO12-SS1	03/30/05	2.47	ND(0.037)	ND(0.0069)	ND(0.0095)	ND(0.0083)	ND(0.013)	ND(0.006)	ND(0.01)
HOO12-SS2	03/30/05	2.64	ND(0.039)	ND(0.0074)	ND(0.01)	ND(0.0088)	ND(0.014)	ND(0.0064)	ND(0.011)
HOO15-SS1	03/30/05	2.38	ND(0.035)	ND(0.0067)	ND(0.0091)	ND(0.008)	ND(0.012)	ND(0.0058)	ND(0.01)
HOO15-SS2	03/30/05	2.38	ND(0.035)	ND(0.0067)	ND(0.0091)	ND(0.008)	ND(0.012)	ND(0.0058)	ND(0.01)
HOO16-SS1	04/02/05	2.24	ND(0.033)	ND(0.0063)	ND(0.0086)	ND(0.0075)	ND(0.012)	ND(0.0055)	ND(0.0095)
	05/04/05	2.16	ND(0.032)	ND(0.0061)	ND(0.0083)	ND(0.0072)	ND(0.011)	ND(0.0053)	ND(0.0092)
HOO16-SS2	04/02/05	2.47	ND(0.037)	ND(0.0069)	ND(0.0095)	ND(0.0083)	ND(0.013)	ND(0.006)	ND(0.01)
	05/04/05	2.42	ND(0.036)	ND(0.0068)	ND(0.0093)	ND(0.0081)	ND(0.012)	ND(0.0059)	ND(0.01)
HOO16-SS2 Dup	05/04/05	2.24	ND(0.033)	ND(0.0063)	ND(0.0086)	ND(0.0075)	ND(0.012)	ND(0.0055)	ND(0.0095)
HOO17-SS1	04/02/05	2.53	ND(0.038)	ND(0.0071)	ND(0.0097)	ND(0.0085)	ND(0.013)	ND(0.0062)	ND(0.011)
HOO18-SS1	04/14/05	2.64	ND(0.039)	ND(0.0074)	ND(0.01)	ND(0.0088)	ND(0.014)	0.33	ND(0.011)
HOO18-SS1 Dup	04/14/05	2.53	ND(0.038)	ND(0.0071)	ND(0.0097)	ND(0.0085)	ND(0.013)	0.34	ND(0.011)
HOO19-SS1	04/07/05	2.38	ND(0.035)	ND(0.0067)	ND(0.0091)	ND(0.008)	ND(0.012)	ND(0.0058)	ND(0.01)
HOO19-SS2	04/07/05	2.82	ND(0.042)	ND(0.0079)	ND(0.011)	ND(0.0094)	ND(0.014)	ND(0.0069)	ND(0.012)

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Table 4c. Soil-Gas Analytical Results for Sub-Slab Samples Summary Table, Water Treatment and Other Chemicals, Chevron Cincinnati Facility, Hooven, Ohio.

Sub-Slab Sample ID	Date	TO-15 Dilution Factor	1,2,4-Trichloro benzene (mg/m³)	Trichlorofluoro methane (mg/m³)	1,1,2-Trichlorotri fluoroethane (mg/m³)	Bromodi chloromethane (mg/m³)	Bromoform (mg/m³)	Chloroform (mg/m³)	Dibromochlorome thane (mg/m³)
HOO20-SS1	04/09/05	2.33	ND(0.034)	ND(0.0065)	ND(0.0089)	ND(0.0078)	ND(0.012)	ND(0.0057)	ND(0.0099)
HOO20-SS2	04/09/05	2.76	ND(0.041)J	ND(0.0078)J	ND(0.01)J	ND(0.0092)J	ND(0.014)J	ND(0.0067)J	ND(0.012)J
JEF1-SS1	03/29/05	2.89	ND(0.043)	ND(0.0081)	ND(0.011)	ND(0.0097)	ND(0.015)	ND(0.007)	ND(0.012)
JEF1-SS2	03/29/05	2.64	ND(0.039)	ND(0.0074)	ND(0.01)	ND(0.0088)	ND(0.014)	ND(0.0064)	ND(0.011)
JEF2-SS1	04/05/05	2.42	ND(0.036)	ND(0.0068)	ND(0.0093)	ND(0.0081)	ND(0.012)	ND(0.0059)	ND(0.01)
JEF2-SS2	04/05/05	2.47	ND(0.037)	ND(0.0069)	ND(0.0095)	ND(0.0083)	ND(0.013)	ND(0.006)	ND(0.01)
MON2-SS1	03/24/05	2.42	ND(0.036)	ND(0.0068)	ND(0.0093)	ND(0.0081)	ND(0.012)	ND(0.0059)	ND(0.01)
	03/26/05	2.33	ND(0.034)	ND(0.0065)	ND(0.0089)	ND(0.0078)	ND(0.012)	ND(0.0057)	ND(0.0099)
MON2-SS2	03/24/05	2.58	ND(0.038)	ND(0.0072)	ND(0.0099)	ND(0.0086)	ND(0.013)	ND(0.0063)	ND(0.011)
	03/26/05	2.24	ND(0.033)	ND(0.0063)	ND(0.0086)	ND(0.0075)	ND(0.012)	ND(0.0055)	ND(0.0095)
MON3-SS1	03/31/05	2.29	ND(0.034)	0.013	ND(0.0088)	ND(0.0077)	ND(0.012)	ND(0.0056)	ND(0.0098)
MON3-SS1 Dup	03/31/05	2.47	ND(0.037)	0.014	ND(0.0095)	ND(0.0083)	ND(0.013)	ND(0.006)	ND(0.01)
MON3-SS2	03/31/05	2.47	ND(0.037)	0.035	ND(0.0095)	ND(0.0083)	ND(0.013)	ND(0.006)	ND(0.01)
OHI2-SS1	03/24/05	2.47	ND(0.037)	ND(0.0069)	ND(0.0095)	ND(0.0083)	ND(0.013)	ND(0.006)	ND(0.01)
OHI2-SS2	03/24/05	2.47	ND(0.037)	ND(0.0069)	ND(0.0095)	ND(0.0083)	ND(0.013)	ND(0.006)	ND(0.01)
OHI3-SS1	04/01/05	2.76	ND(0.041)	ND(0.0078)	ND(0.01)	ND(0.0092)	ND(0.014)	ND(0.0067)	ND(0.012)
OHI3-SS1 Dup	04/01/05	2.16	ND(0.032)	ND(0.0061)	ND(0.0083)	ND(0.0072)	ND(0.011)	ND(0.0053)	ND(0.0092)
OHI3-SS2	04/01/05	2.47	ND(0.037)	ND(0.0069)	ND(0.0095)	ND(0.0083)	ND(0.013)	ND(0.006)	ND(0.01)
OHI4-SS1	03/25/05	2.42	ND(0.036)	ND(0.0068)	ND(0.0093)	ND(0.0081)	ND(0.012)	ND(0.0059)	ND(0.01)
OHI5-SS1	04/02/05	2.24	ND(0.033)	ND(0.0063)	ND(0.0086)	ND(0.0075)	ND(0.012)	ND(0.0055)	ND(0.0095)
	05/03/05	2.38	ND(0.035)	ND(0.0067)	ND(0.0091)	ND(0.008)	ND(0.012)	ND(0.0058)	ND(0.01)
OHI5-SS2	04/02/05	2.38	ND(0.035)	ND(0.0067)	ND(0.0091)	ND(0.008)	ND(0.012)	ND(0.0058)	ND(0.01)
	05/03/05	2.24	ND(0.033)	ND(0.0063)	ND(0.0086)	ND(0.0075)	ND(0.012)	ND(0.0055)	ND(0.0095)
OHI6-SS1	04/01/05	2.38	ND(0.035)	ND(0.0067)	ND(0.0091)	ND(0.008)	ND(0.012)	ND(0.0058)	ND(0.01)
OHI6-SS1 Dup	04/01/05	3.14	ND(0.047)	ND(0.0088)	ND(0.012)	ND(0.01)	ND(0.016)	ND(0.0077)	ND(0.013)
OHI6-SS2	04/01/05	2.53	ND(0.038)	ND(0.0071)	ND(0.0097)	ND(0.0085)	ND(0.013)	ND(0.0062)	ND(0.011)
OHI6-SS2 Dup	04/02/05	2.33	ND(0.034)	ND(0.0065)	ND(0.0089)	ND(0.0078)	ND(0.012)	ND(0.0057)	ND(0.0099)
OHI7-SS1	04/07/05	2.64	ND(0.039)	ND(0.0074)	ND(0.01)	ND(0.0088)	ND(0.014)	ND(0.0064)	ND(0.011)
OHI7-SS2	04/07/05	2.82	ND(0.042)	ND(0.0079)	ND(0.011)	ND(0.0094)	ND(0.014)	ND(0.0069)	ND(0.012)
OHI7-SS2 Dup	04/07/05	2.58	ND(0.038)	ND(0.0072)	ND(0.0099)	ND(0.0086)	ND(0.013)	ND(0.0063)	ND(0.011)
OHI8-SS1	04/11/05	2.69	ND(0.04)	ND(0.0076)	ND(0.01)	ND(0.009)	ND(0.014)	ND(0.0066)	ND(0.011)
OHI8-SS2	04/11/05	2.42	ND(0.036)	ND(0.0068)	ND(0.0093)	ND(0.0081)	ND(0.012)	0.015	ND(0.01)

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Table 4c. Soil-Gas Analytical Results for Sub-Slab Samples Summary Table, Water Treatment and Other Chemicals, Chevron Cincinnati Facility, Hooven, Ohio.

Sub-Slab Sample ID	Date	TO-15 Dilution Factor	1,2,4-Trichloro benzene (mg/m³)	Trichlorofluoro methane (mg/m³)	1,1,2-Trichlorotri fluoroethane (mg/m³)	Bromodi chloromethane (mg/m³)	Bromoform (mg/m³)	Chloroform (mg/m³)	Dibromochlorome thane (mg/m³)
OHI9-SS1	04/09/05	2.20	ND(0.033)	ND(0.0062)	ND(0.0084)	ND(0.0074)	ND(0.011)	ND(0.0054)	ND(0.0094)
OHI9-SS2	04/09/05	2.29	ND(0.034)	ND(0.0064)	ND(0.0088)	ND(0.0077)	ND(0.012)	ND(0.0056)	ND(0.0098)
WAS1-SS1	04/01/05	2.53	ND(0.038)	ND(0.0071)	ND(0.0097)	ND(0.0085)	ND(0.013)	ND(0.0062)	ND(0.011)
WAS1-SS2	04/01/05	2.42	ND(0.036)	ND(0.0068)	ND(0.0093)	ND(0.0081)	ND(0.012)	ND(0.0059)	ND(0.01)
WAS2-SS1	03/30/05	2.82	ND(0.042)	ND(0.0079)	ND(0.011)	ND(0.0094)	ND(0.014)	0.22	ND(0.012)
WAS2-SS1 Dup	03/30/05	2.38	ND(0.035)	ND(0.0067)	ND(0.0091)	ND(0.008)	ND(0.012)	0.22	ND(0.01)
WAS2-SS2	03/30/05	2.58	ND(0.038)	ND(0.0072)	ND(0.0099)	ND(0.0086)	ND(0.013)	ND(0.0063)	ND(0.011)

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Table 4d. Soil-Gas Analytical Results for Sub-Slab Samples Summary Table, ASTM-D-1945 Analytes, Chevron Cincinnati Facility, Hooven, Ohio.

Sub-Slab Sample ID	Date	ASTM Dilution Factor	Oxygen (%)	Carbon Dioxide (%)	Methane (%)	Acetylene (%)	Butane (%)	C6 Plus (%)	Carbon Monoxide (%)	2,2-dimethyl-Propane (%)
ADA1-SS1	03/28/05	2.20	19	0.14	ND(0.00022)	ND(0.0022)	ND(0.0022)	ND(0.022)	ND(0.022)	ND(0.0022)
ADA1-SS2	03/28/05	2.29	20	0.05	ND(0.00023)	ND(0.0023)	ND(0.0023)	ND(0.023)	ND(0.023)	ND(0.0023)
CHI10-SS1	04/16/05	2.20	16	0.14	ND(0.00022)	ND(0.0022)	ND(0.0022)	ND(0.022)	ND(0.022)	ND(0.0022)
CHI10-SS2	04/16/05	2.20	16	0.37	ND(0.00022)	ND(0.0022)	ND(0.0022)	ND(0.022)	ND(0.022)	ND(0.0022)
CHI1-SS1	03/22/05	2.05	25 R	0.14 R	0.00024 R	ND(0.002)R	ND(0.002)R	ND(0.02)R	ND(0.02)R	ND(0.002)R
CHI1-SS2	03/22/05	2.69	15	2.1	ND(0.00027)	ND(0.0027)	ND(0.0027)	ND(0.027)	ND(0.027)	ND(0.0027)
CHI2-SS1	03/29/05	2.47	15	1.4	ND(0.00025)	ND(0.0025)	ND(0.0025)	ND(0.025)	ND(0.025)	ND(0.0025)
CHI2-SS2	03/29/05	2.64	14	1.3	ND(0.00026)	ND(0.0026)	ND(0.0026)	ND(0.026)	ND(0.026)	ND(0.0026)
CHI2-SS2 Dup	03/29/05	2.64	14	1.3	ND(0.00026)	ND(0.0026)	ND(0.0026)	ND(0.026)	ND(0.026)	ND(0.0026)
CHI3-SS1	03/29/05	2.38	14	2.4	ND(0.00024)	ND(0.0024)	ND(0.0024)	ND(0.024)	ND(0.024)	ND(0.0024)
CHI3-SS1 Dup	03/28/05	2.47	15	2.2	ND(0.00025)	ND(0.0025)	ND(0.0025)	ND(0.025)	ND(0.025)	ND(0.0025)
CHI3-SS2	03/28/05	2.38	15	2.2	ND(0.00024)	ND(0.0024)	ND(0.0024)	ND(0.024)	ND(0.024)	ND(0.0024)
CHI4-SS1	03/22/05	2.24	24 R	0.76 R	ND(0.00022)R	ND(0.0022)R	ND(0.0022)R	ND(0.022)R	ND(0.022)R	ND(0.0022)R
	05/04/05	2.58	16	1.2	ND(0.00026)	ND(0.0026)	ND(0.0026)	ND(0.026)	ND(0.026)	ND(0.0026)
CHI4-SS1 Rep	03/22/05	2.05	20	0.84	ND(0.0002)	ND(0.002)	ND(0.002)	ND(0.02)	ND(0.02)	ND(0.002)
CHI4-SS2	03/22/05	2.69	30 R	0.052 R	0.00029 R	ND(0.0027)R	ND(0.0027)R	ND(0.027)R	ND(0.027)R	ND(0.0027)R
	05/04/05	2.24	21	0.054	ND(0.00022)	ND(0.0022)	ND(0.0022)	ND(0.022)	ND(0.022)	ND(0.0022)
CHI5-SS1	03/30/05	2.58	16	1.3	ND(0.00026)	ND(0.0026)	ND(0.0026)	ND(0.026)	ND(0.026)	ND(0.0026)
CHI5-SS1 Dup	03/30/05	2.42	16	1.2	ND(0.00024)	ND(0.0024)	ND(0.0024)	ND(0.024)	ND(0.024)	ND(0.0024)
CHI5-SS2	03/30/05	2.47	18	0.5	ND(0.00025)	ND(0.0025)	ND(0.0025)	ND(0.025)	ND(0.025)	ND(0.0025)
CHI6-SS1	03/29/05	2.24	17	0.24	ND(0.00022)	ND(0.0022)	ND(0.0022)	ND(0.022)	ND(0.022)	ND(0.0022)
CHI6-SS2	03/29/05	2.47	18	0.33	ND(0.00025)	ND(0.0025)	ND(0.0025)	ND(0.025)	ND(0.025)	ND(0.0025)
CHI8-SS1	03/28/05	2.69	17	1.9	ND(0.00027)	ND(0.0027)	ND(0.0027)	ND(0.027)	ND(0.027)	ND(0.0027)
CHI8-SS2	03/28/05	2.33	15	3.2	ND(0.00023)	ND(0.0023)	ND(0.0023)	ND(0.023)	ND(0.023)	ND(0.0023)
CHI8-SS3	03/28/05	2.33	18	0.099	ND(0.00023)	ND(0.0023)	ND(0.0023)	ND(0.023)	ND(0.023)	ND(0.0023)
CHI8-SS4	03/28/05	2.53	17	1.2	ND(0.00025)	ND(0.0025)	ND(0.0025)	ND(0.025)	ND(0.025)	ND(0.0025)
CHI8-SS4 Dup	03/28/05	2.29	18	1.4	ND(0.00023)	ND(0.0023)	ND(0.0023)	ND(0.023)	ND(0.023)	ND(0.0023)
CHI9-SS1	04/01/05	2.47	14	1.6	ND(0.00025)	ND(0.0025)	ND(0.0025)	ND(0.025)	ND(0.025)	ND(0.0025)
HOO1-SS1	03/23/05	2.42	15 R	0.3 R	ND(0.00024)R	ND(0.0024)R	ND(0.0024)R	ND(0.024)R	ND(0.024)R	ND(0.0024)R
	05/03/05	2.24	19	0.37	ND(0.00022)	ND(0.0022)	ND(0.0022)	ND(0.022)	ND(0.022)	ND(0.0022)
HOO1-SS2	03/23/05	2.42	17 R	0.34 R	ND(0.00024)R	ND(0.0024)R	ND(0.0024)R	ND(0.024)R	ND(0.024)R	ND(0.0024)R
	05/03/05	2.29	19	0.3	ND(0.00023)	ND(0.0023)	ND(0.0023)	ND(0.023)	ND(0.023)	ND(0.0023)
HOO1-SS2 Dup	05/03/05	2.24	19	0.3	ND(0.00022)	ND(0.0022)	ND(0.0022)	ND(0.022)	ND(0.022)	ND(0.0022)

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Table 4d. Soil-Gas Analytical Results for Sub-Slab Samples Summary Table, ASTM-D-1945 Analytes, Chevron Cincinnati Facility, Hooven, Ohio.

Sub-Slab Sample ID	Date	ASTM Dilution Factor	Oxygen (%)	Carbon Dioxide (%)	Methane (%)	Acetylene (%)	Butane (%)	C6 Plus (%)	Carbon Monoxide (%)	2,2-dimethyl-Propane (%)
HOO2-SS1	03/25/05	2.64	18	0.63	ND(0.00026)	ND(0.0026)	ND(0.0026)	ND(0.026)	ND(0.026)	ND(0.0026)
HOO2-SS2	03/25/05	2.42	17	0.4	ND(0.00024)	ND(0.0024)	ND(0.0024)	ND(0.024)	ND(0.024)	ND(0.0024)
HOO3-SS1	03/23/05	2.76	28 R	0.35 R	ND(0.00028)R	ND(0.0028)R	ND(0.0028)R	ND(0.028)R	ND(0.028)R	ND(0.0028)R
	05/11/05	2.38	18	0.46	ND(0.00024)	ND(0.0024)	ND(0.0024)	ND(0.024)	ND(0.024)	ND(0.0024)
HOO3-SS2	03/23/05	2.58	28 R	0.19 R	ND(0.00026)R	ND(0.0026)R	ND(0.0026)R	ND(0.026)R	ND(0.026)R	ND(0.0026)R
	05/11/05	2.38	20	0.16	ND(0.00024)	ND(0.0024)	ND(0.0024)	ND(0.024)	ND(0.024)	ND(0.0024)
HOO3-SS2 Dup	03/23/05	2.47	19	0.2	ND(0.00025)	ND(0.0025)	ND(0.0025)	ND(0.025)	ND(0.025)	ND(0.0025)
HOO4-SS1	03/23/05	2.64	18	0.73	0.0003	ND(0.0026)	ND(0.0026)	ND(0.026)	ND(0.026)	ND(0.0026)
HOO4-SS1 Dup	03/23/05	2.58	18	0.66	0.0003	ND(0.0026)	ND(0.0026)	ND(0.026)	ND(0.026)	ND(0.0026)
HOO4-SS2	03/23/05	2.33	19	0.36	0.00027	ND(0.0023)	ND(0.0023)	ND(0.023)	ND(0.023)	ND(0.0023)
HOO5-SS1	03/24/05	2.64	19	0.37	ND(0.00026)	ND(0.0026)	ND(0.0026)	ND(0.026)	ND(0.026)	ND(0.0026)
HOO5-SS1 Dup	03/24/05	2.05	19	0.39	ND(0.0002)	ND(0.002)	ND(0.002)	ND(0.02)	ND(0.02)	ND(0.002)
HOO5-SS2	03/24/05	2.47	21	0.74	ND(0.00025)	ND(0.0025)	ND(0.0025)	ND(0.025)	ND(0.025)	ND(0.0025)
HOO8-SS1	04/05/05	2.53	18	0.26	ND(0.00025)	ND(0.0025)	ND(0.0025)	ND(0.025)	ND(0.025)	ND(0.0025)
HOO8-SS2	04/05/05	2.53	17	1.1	ND(0.00025)	ND(0.0025)	ND(0.0025)	ND(0.025)	ND(0.025)	ND(0.0025)
HOO9-SS1	03/31/05	2.64	19	0.86	ND(0.00026)	ND(0.0026)	ND(0.0026)	ND(0.026)	ND(0.026)	ND(0.0026)
HOO9-SS1 Dup	03/31/05	2.76	19	0.88	ND(0.00028)	ND(0.0028)	ND(0.0028)	ND(0.028)	ND(0.028)	ND(0.0028)
HOO12-SS1	03/30/05	2.47	17	0.35	ND(0.00025)	ND(0.0025)	ND(0.0025)	ND(0.025)	ND(0.025)	ND(0.0025)
HOO12-SS2	03/30/05	2.64	18	0.17	ND(0.00026)	ND(0.0026)	ND(0.0026)	ND(0.026)	ND(0.026)	ND(0.0026)
HOO15-SS1	03/30/05	2.38	18	1.1	ND(0.00024)	ND(0.0024)	ND(0.0024)	ND(0.024)	ND(0.024)	ND(0.0024)
HOO15-SS2	03/30/05	2.38	18	0.74	ND(0.00024)	ND(0.0024)	ND(0.0024)	ND(0.024)	ND(0.024)	ND(0.0024)
HOO16-SS1	04/02/05	2.24	12	0.6	ND(0.00022)	ND(0.0022)	ND(0.0022)	ND(0.022)	ND(0.022)	ND(0.0022)
	05/04/05	2.16	18	0.37	ND(0.00022)	ND(0.0022)	ND(0.0022)	ND(0.022)	ND(0.022)	ND(0.0022)
HOO16-SS2	04/02/05	2.47	15	0.44	ND(0.00025)	ND(0.0025)	ND(0.0025)	ND(0.025)	ND(0.025)	ND(0.0025)
	05/04/05	2.42	16	0.71	ND(0.00024)	ND(0.0024)	ND(0.0024)	ND(0.024)	ND(0.024)	ND(0.0024)
HOO16-SS2 Dup	05/04/05	2.24	16	0.71	ND(0.00022)	ND(0.0022)	ND(0.0022)	ND(0.022)	ND(0.022)	ND(0.0022)
HOO17-SS1	04/02/05	2.53	20	0.099	ND(0.00025)	ND(0.0025)	ND(0.0025)	ND(0.025)	ND(0.025)	ND(0.0025)
HOO18-SS1	04/14/05	2.64	19	0.25	ND(0.00026)	ND(0.0026)	ND(0.0026)	ND(0.026)	ND(0.026)	ND(0.0026)
HOO18-SS1 Dup	04/14/05	2.53	19	0.26	ND(0.00025)	ND(0.0025)	ND(0.0025)	ND(0.025)	ND(0.025)	ND(0.0025)
HOO19-SS1	04/07/05	2.89	18	0.079	ND(0.00029)	ND(0.0029)	ND(0.0029)	ND(0.029)	ND(0.029)	ND(0.0029)
HOO19-SS2	04/07/05	2.38	18	0.63	ND(0.00024)	ND(0.0024)	ND(0.0024)	ND(0.024)	ND(0.024)	ND(0.0024)
HOO20-SS1	04/09/05	2.33	20	0.35	ND(0.00023)	ND(0.0023)	ND(0.0023)	ND(0.023)	ND(0.023)	ND(0.0023)
HOO20-SS2	04/09/05	2.76	17	0.098	ND(0.00028)	ND(0.0028)	ND(0.0028)	ND(0.028)	ND(0.028)	ND(0.0028)

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Table 4d. Soil-Gas Analytical Results for Sub-Slab Samples Summary Table, ASTM-D-1945 Analytes, Chevron Cincinnati Facility, Hooven, Ohio.

Sub-Slab Sample ID	Date	ASTM Dilution Factor	Oxygen (%)	Carbon Dioxide (%)	Methane (%)	Acetylene (%)	Butane (%)	C6 Plus (%)	Carbon Monoxide (%)	2,2-dimethyl-Propane (%)
JEF1-SS1	03/29/05	2.89	19	0.34	ND(0.00029)	ND(0.0029)	ND(0.0029)	ND(0.029)	ND(0.029)	ND(0.0029)
JEF1-SS2	03/29/05	2.64	20	0.42	ND(0.00026)	ND(0.0026)	ND(0.0026)	ND(0.026)	ND(0.026)	ND(0.0026)
JEF2-SS1	04/05/05	2.47	19	0.1	ND(0.00025)	ND(0.0025)	ND(0.0025)	ND(0.025)	ND(0.025)	ND(0.0025)
JEF2-SS2	04/05/05	2.47	18	0.38	0.00039	ND(0.0025)	ND(0.0025)	ND(0.025)	ND(0.025)	ND(0.0025)
MON1-SS1	03/26/05	2.33	19	1.7	ND(0.00023)	ND(0.0023)	ND(0.0023)	ND(0.023)	ND(0.023)	ND(0.0023)
MON2-SS1	03/24/05	2.42	20	0.47	ND(0.00024)	ND(0.0024)	ND(0.0024)	ND(0.024)	ND(0.024)	ND(0.0024)
MON2-SS2	03/24/05	2.58	20	0.42	ND(0.00026)	ND(0.0026)	ND(0.0026)	ND(0.026)	ND(0.026)	ND(0.0026)
	03/26/05	2.24	15	2.8	ND(0.00022)	ND(0.0022)	ND(0.0022)	ND(0.022)	ND(0.022)	ND(0.0022)
MON3-SS1	03/31/05	2.29	18	1.4	ND(0.00023)	ND(0.0023)	ND(0.0023)	ND(0.023)	ND(0.023)	ND(0.0023)
MON3-SS1 Dup	03/31/05	2.47	18	1.5	ND(0.00025)	ND(0.0025)	ND(0.0025)	ND(0.025)	ND(0.025)	ND(0.0025)
MON3-SS2	03/31/05	2.47	17	2.1	ND(0.00025)	ND(0.0025)	ND(0.0025)	ND(0.025)	ND(0.025)	ND(0.0025)
OHI2-SS1	03/24/05	2.47	20	0.25	ND(0.00025)	ND(0.0025)	ND(0.0025)	ND(0.025)	ND(0.025)	ND(0.0025)
OHI2-SS2	03/24/05	2.47	20	0.072	ND(0.00025)	ND(0.0025)	ND(0.0025)	ND(0.025)	ND(0.025)	ND(0.0025)
OHI3-SS1	04/01/05	2.76	19	0.28	ND(0.00028)	ND(0.0028)	ND(0.0028)	ND(0.028)	ND(0.028)	ND(0.0028)
OHI3-SS1 Dup	04/01/05	2.16	19	0.33	ND(0.00022)	ND(0.0022)	ND(0.0022)	ND(0.022)	ND(0.022)	ND(0.0022)
OHI3-SS2	04/01/05	2.47	19	0.65	ND(0.00025)	ND(0.0025)	ND(0.0025)	ND(0.025)	ND(0.025)	ND(0.0025)
OHI4-SS1	03/25/05	2.42	20	0.79	ND(0.00024)	ND(0.0024)	ND(0.0024)	ND(0.024)	ND(0.024)	ND(0.0024)
OHI5-SS1	04/02/05	2.24	14	0.32	ND(0.00022)	ND(0.0022)	ND(0.0022)	ND(0.022)	ND(0.022)	ND(0.0022)
	05/03/05	2.38	15	0.28	ND(0.00024)	ND(0.0024)	ND(0.0024)	ND(0.024)	ND(0.024)	ND(0.0024)
OHI5-SS2	04/02/05	2.38	14	0.26	ND(0.00024)	ND(0.0024)	ND(0.0024)	ND(0.024)	ND(0.024)	ND(0.0024)
	05/03/05	2.24	13	0.46	ND(0.00022)	ND(0.0022)	ND(0.0022)	ND(0.022)	ND(0.022)	ND(0.0022)
OHI6-SS1	04/01/05	2.38	19	0.4	ND(0.00024)	ND(0.0024)	ND(0.0024)	ND(0.024)	ND(0.024)	ND(0.0024)
OHI6-SS1 Dup	04/01/05	2.47	19	0.39	ND(0.00025)	ND(0.0025)	ND(0.0025)	ND(0.025)	ND(0.025)	ND(0.0025)
OHI6-SS2	04/01/05	2.53	18	0.75	ND(0.00025)	ND(0.0025)	ND(0.0025)	ND(0.025)	ND(0.025)	ND(0.0025)
OHI6-SS2 Dup	04/02/05	2.33	15	0.44	ND(0.00023)	ND(0.0023)	ND(0.0023)	ND(0.023)	ND(0.023)	ND(0.0023)
OHI7-SS1	04/07/05	2.64	17	0.31	ND(0.00026)	ND(0.0026)	ND(0.0026)	ND(0.026)	ND(0.026)	ND(0.0026)
OHI7-SS2	04/07/05	2.82	18	0.32	ND(0.00028)	ND(0.0028)	ND(0.0028)	ND(0.028)	ND(0.028)	ND(0.0028)
OHI7-SS2 Dup	04/07/05	2.58	18	0.32	ND(0.00026)	ND(0.0026)	ND(0.0026)	ND(0.026)	ND(0.026)	ND(0.0026)
OHI8-SS1	04/11/05	2.69	20	0.42	ND(0.00027)	ND(0.0027)	ND(0.0027)	ND(0.027)	ND(0.027)	ND(0.0027)
OHI8-SS2	04/11/05	2.42	18	2.0	ND(0.00024)	ND(0.0024)	ND(0.0024)	ND(0.024)	ND(0.024)	ND(0.0024)
OHI9-SS1	04/09/05	2.20	12	2.4	ND(0.00022)	ND(0.0022)	ND(0.0022)	ND(0.022)	ND(0.022)	ND(0.0022)
OHI9-SS2	04/09/05	2.29	15	1.9	ND(0.00023)	ND(0.0023)	ND(0.0023)	ND(0.023)	ND(0.023)	ND(0.0023)

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Table 4d. Soil-Gas Analytical Results for Sub-Slab Samples Summary Table, ASTM-D-1945 Analytes, Chevron Cincinnati Facility, Hooven, Ohio.

Sub-Slab Sample ID	Date	ASTM Dilution Factor	Oxygen (%)	Carbon Dioxide (%)	Methane (%)	Acetylene (%)	Butane (%)	C6 Plus (%)	Carbon Monoxide (%)	2,2-dimethyl-Propane (%)
WAS1-SS1	04/01/05	2.53	17	0.45	0.00031	ND(0.0025)	ND(0.0025)	ND(0.025)	ND(0.025)	ND(0.0025)
WAS1-SS2	04/01/05	2.42	18	0.75	ND(0.00024)	ND(0.0024)	ND(0.0024)	ND(0.024)	ND(0.024)	ND(0.0024)
WAS2-SS1	03/30/05	2.82	14	1.6	ND(0.00028)	ND(0.0028)	ND(0.0028)	ND(0.028)	ND(0.028)	ND(0.0028)
WAS2-SS1 Dup	03/30/05	2.38	14	1.6	ND(0.00024)	ND(0.0024)	ND(0.0024)	ND(0.024)	ND(0.024)	ND(0.0024)
WAS2-SS2	03/30/05	2.58	14	2.2	ND(0.00026)	ND(0.0026)	ND(0.0026)	ND(0.026)	ND(0.026)	ND(0.0026)

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Table 4d. Soil-Gas Analytical Results for Sub-Slab Samples Summary Table, ASTM-D-1945 Analytes, Chevron Cincinnati Facility, Hooven, Ohio.

Sub-Slab Sample ID	Date	ASTM Dilution Factor	Ethane (%)	Ethylene (%)	Hydrogen (%)	Isobutane (%)	Isopentane (%)	Pentane (%)	Propane (%)	Nitrogen (%)
ADA1-SS1	03/28/05	2.20	ND(0.0022)	ND(0.0022)	ND(0.022)	ND(0.0022)	ND(0.0022)	ND(0.0022)	ND(0.0022)	80
ADA1-SS2	03/28/05	2.29	ND(0.0023)	ND(0.0023)	ND(0.023)	ND(0.0023)	ND(0.0023)	ND(0.0023)	ND(0.0023)	80
CHI10-SS1	04/16/05	2.20	ND(0.0022)	ND(0.0022)	ND(0.022)	ND(0.0022)	ND(0.0022)	ND(0.0022)	ND(0.0022)	84
CHI10-SS2	04/16/05	2.20	ND(0.0022)	ND(0.0022)	ND(0.022)	ND(0.0022)	ND(0.0022)	ND(0.0022)	ND(0.0022)	84
CHI1-SS1	03/22/05	2.05	ND(0.002)R	ND(0.002)R	ND(0.02)R	ND(0.002)R	ND(0.002)R	ND(0.002)R	ND(0.002)R	74 R
CHI1-SS2	03/22/05	2.69	ND(0.0027)	ND(0.0027)	ND(0.027)	ND(0.0027)	ND(0.0027)	ND(0.0027)	ND(0.0027)	83
CHI2-SS1	03/29/05	2.47	ND(0.0025)	ND(0.0025)	ND(0.025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	84
CHI2-SS2	03/29/05	2.64	ND(0.0026)	ND(0.0026)	ND(0.026)	ND(0.0026)	ND(0.0026)	ND(0.0026)	ND(0.0026)	85
CHI2-SS2 Dup	03/29/05	2.64	ND(0.0026)	ND(0.0026)	ND(0.026)	ND(0.0026)	ND(0.0026)	ND(0.0026)	ND(0.0026)	85
CHI3-SS1	03/29/05	2.38	ND(0.0024)	ND(0.0024)	ND(0.024)	ND(0.0024)	ND(0.0024)	ND(0.0024)	ND(0.0024)	83
CHI3-SS1 Dup	03/28/05	2.47	ND(0.0025)	ND(0.0025)	ND(0.025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	83
CHI3-SS2	03/28/05	2.38	ND(0.0024)	ND(0.0024)	ND(0.024)	ND(0.0024)	ND(0.0024)	ND(0.0024)	ND(0.0024)	83
CHI4-SS1	03/22/05	2.24	ND(0.0022)R	ND(0.0022)R	ND(0.022)R	ND(0.0022)R	ND(0.0022)R	ND(0.0022)R	ND(0.0022)R	75 R
	05/04/05	2.58	ND(0.0026)	ND(0.0026)	ND(0.026)	ND(0.0026)	ND(0.0026)	ND(0.0026)	ND(0.0026)	83
CHI4-SS1 Rep	03/22/05	2.05	ND(0.002)	ND(0.002)	ND(0.02)	ND(0.002)	ND(0.002)	ND(0.002)	ND(0.002)	79
CHI4-SS2	03/22/05	2.69	ND(0.0027)R	ND(0.0027)R	ND(0.027)R	ND(0.0027)R	ND(0.0027)R	ND(0.0027)R	ND(0.0027)R	70 R
	05/04/05	2.24	ND(0.0022)	ND(0.0022)	ND(0.022)	ND(0.0022)	ND(0.0022)	ND(0.0022)	ND(0.0022)	79
CHI5-SS1	03/30/05	2.58	ND(0.0026)	ND(0.0026)	ND(0.026)	ND(0.0026)	ND(0.0026)	ND(0.0026)	ND(0.0026)	83
CHI5-SS1 Dup	03/30/05	2.42	ND(0.0024)	ND(0.0024)	ND(0.024)	ND(0.0024)	ND(0.0024)	ND(0.0024)	ND(0.0024)	83
CHI5-SS2	03/30/05	2.47	ND(0.0025)	ND(0.0025)	ND(0.025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	82
CHI6-SS1	03/29/05	2.24	ND(0.0022)	ND(0.0022)	ND(0.022)	ND(0.0022)	ND(0.0022)	ND(0.0022)	ND(0.0022)	83
CHI6-SS2	03/29/05	2.47	ND(0.0025)	ND(0.0025)	ND(0.025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	82
CHI8-SS1	03/28/05	2.69	ND(0.0027)	ND(0.0027)	ND(0.027)	ND(0.0027)	ND(0.0027)	ND(0.0027)	ND(0.0027)	81
CHI8-SS2	03/28/05	2.33	ND(0.0023)	ND(0.0023)	ND(0.023)	ND(0.0023)	ND(0.0023)	ND(0.0023)	ND(0.0023)	82
CHI8-SS3	03/28/05	2.33	ND(0.0023)	ND(0.0023)	ND(0.023)	ND(0.0023)	ND(0.0023)	ND(0.0023)	ND(0.0023)	82
CHI8-SS4	03/28/05	2.53	ND(0.0025)	ND(0.0025)	ND(0.025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	81
CHI8-SS4 Dup	03/28/05	2.29	ND(0.0023)	ND(0.0023)	ND(0.023)	ND(0.0023)	ND(0.0023)	ND(0.0023)	ND(0.0023)	81
CHI9-SS1	04/01/05	2.47	ND(0.0025)	ND(0.0025)	ND(0.025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	85
HOO1-SS1	03/23/05	2.42	ND(0.0024)R	ND(0.0024)R	ND(0.024)R	ND(0.0024)R	ND(0.0024)R	ND(0.0024)R	ND(0.0024)R	85 R
	05/03/05	2.24	ND(0.0022)	ND(0.0022)	ND(0.022)	ND(0.0022)	ND(0.0022)	ND(0.0022)	ND(0.0022)	81
HOO1-SS2	03/23/05	2.42	ND(0.0024)R	ND(0.0024)R	ND(0.024)R	ND(0.0024)R	ND(0.0024)R	ND(0.0024)R	ND(0.0024)R	82 R
	05/03/05	2.29	ND(0.0023)	ND(0.0023)	ND(0.023)	ND(0.0023)	ND(0.0023)	ND(0.0023)	ND(0.0023)	81
HOO1-SS2 Dup	05/03/05	2.24	ND(0.0022)	ND(0.0022)	ND(0.022)	ND(0.0022)	ND(0.0022)	ND(0.0022)	ND(0.0022)	81

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Table 4d. Soil-Gas Analytical Results for Sub-Slab Samples Summary Table, ASTM-D-1945 Analytes, Chevron Cincinnati Facility, Hooven, Ohio.

Sub-Slab Sample ID	Date	ASTM Dilution Factor	Ethane (%)	Ethylene (%)	Hydrogen (%)	Isobutane (%)	Isopentane (%)	Pentane (%)	Propane (%)	Nitrogen (%)
HOO2-SS1	03/25/05	2.64	ND(0.0026)	ND(0.0026)	ND(0.026)	ND(0.0026)	ND(0.0026)	ND(0.0026)	ND(0.0026)	81
HOO2-SS2	03/25/05	2.42	ND(0.0024)	ND(0.0024)	ND(0.024)	ND(0.0024)	ND(0.0024)	ND(0.0024)	ND(0.0024)	82
HOO3-SS1	03/23/05	2.76	ND(0.0028)R	ND(0.0028)R	ND(0.028)R	ND(0.0028)R	ND(0.0028)R	ND(0.0028)R	ND(0.0028)R	71 R
	05/11/05	2.38	ND(0.0024)	ND(0.0024)	ND(0.024)	ND(0.0024)	ND(0.0024)	ND(0.0024)	ND(0.0024)	82
HOO3-SS2	03/23/05	2.58	ND(0.0026)R	ND(0.0026)R	ND(0.026)R	ND(0.0026)R	ND(0.0026)R	ND(0.0026)R	ND(0.0026)R	70 R
	05/11/05	2.38	ND(0.0024)	ND(0.0024)	ND(0.024)	ND(0.0024)	ND(0.0024)	ND(0.0024)	ND(0.0024)	80
HOO3-SS2 Dup	03/23/05	2.47	ND(0.0025)	ND(0.0025)	ND(0.025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	80
HOO4-SS1	03/23/05	2.64	ND(0.0026)	ND(0.0026)	ND(0.026)	ND(0.0026)	ND(0.0026)	ND(0.0026)	ND(0.0026)	81
HOO4-SS1 Dup	03/23/05	2.58	ND(0.0026)	ND(0.0026)	ND(0.026)	ND(0.0026)	ND(0.0026)	ND(0.0026)	ND(0.0026)	81
HOO4-SS2	03/23/05	2.33	ND(0.0023)	ND(0.0023)	ND(0.023)	ND(0.0023)	ND(0.0023)	ND(0.0023)	ND(0.0023)	81
HOO5-SS1	03/24/05	2.64	ND(0.0026)	ND(0.0026)	ND(0.026)	ND(0.0026)	ND(0.0026)	ND(0.0026)	ND(0.0026)	80
HOO5-SS1 Dup	03/24/05	2.05	ND(0.002)	ND(0.002)	ND(0.02)	ND(0.002)	ND(0.002)	ND(0.002)	ND(0.002)	80
HOO5-SS2	03/24/05	2.47	ND(0.0025)	ND(0.0025)	ND(0.025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	78
HOO8-SS1	04/05/05	2.53	ND(0.0025)	ND(0.0025)	ND(0.025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	82
HOO8-SS2	04/05/05	2.53	ND(0.0025)	ND(0.0025)	ND(0.025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	82
HOO9-SS1	03/31/05	2.64	ND(0.0026)	ND(0.0026)	ND(0.026)	ND(0.0026)	ND(0.0026)	ND(0.0026)	ND(0.0026)	80
HOO9-SS1 Dup	03/31/05	2.76	ND(0.0028)	ND(0.0028)	ND(0.028)	ND(0.0028)	ND(0.0028)	ND(0.0028)	ND(0.0028)	80
HOO12-SS1	03/30/05	2.47	ND(0.0025)	ND(0.0025)	ND(0.025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	83
HOO12-SS2	03/30/05	2.64	ND(0.0026)	ND(0.0026)	ND(0.026)	ND(0.0026)	ND(0.0026)	ND(0.0026)	ND(0.0026)	82
HOO15-SS1	03/30/05	2.38	ND(0.0024)	ND(0.0024)	ND(0.024)	ND(0.0024)	ND(0.0024)	ND(0.0024)	ND(0.0024)	81
HOO15-SS2	03/30/05	2.38	ND(0.0024)	ND(0.0024)	ND(0.024)	ND(0.0024)	ND(0.0024)	ND(0.0024)	ND(0.0024)	81
HOO16-SS1	04/02/05	2.24	ND(0.0022)	ND(0.0022)	ND(0.022)	ND(0.0022)	ND(0.0022)	ND(0.0022)	ND(0.0022)	87
	05/04/05	2.16	ND(0.0022)	ND(0.0022)	ND(0.022)	ND(0.0022)	ND(0.0022)	ND(0.0022)	ND(0.0022)	82
HOO16-SS2	04/02/05	2.47	ND(0.0025)	ND(0.0025)	ND(0.025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	84
	05/04/05	2.42	ND(0.0024)	ND(0.0024)	ND(0.024)	ND(0.0024)	ND(0.0024)	ND(0.0024)	ND(0.0024)	83
HOO16-SS2 Dup	05/04/05	2.24	ND(0.0022)	ND(0.0022)	ND(0.022)	ND(0.0022)	ND(0.0022)	ND(0.0022)	ND(0.0022)	83
HOO17-SS1	04/02/05	2.53	ND(0.0025)	ND(0.0025)	ND(0.025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	80
HOO18-SS1	04/14/05	2.64	ND(0.0026)	ND(0.0026)	ND(0.026)	ND(0.0026)	ND(0.0026)	ND(0.0026)	ND(0.0026)	81
HOO18-SS1 Dup	04/14/05	2.53	ND(0.0025)	ND(0.0025)	ND(0.025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	81
HOO19-SS1	04/07/05	2.89	ND(0.0029)	ND(0.0029)	ND(0.029)	ND(0.0029)	ND(0.0029)	ND(0.0029)	ND(0.0029)	82
HOO19-SS2	04/07/05	2.38	ND(0.0024)	ND(0.0024)	ND(0.024)	ND(0.0024)	ND(0.0024)	ND(0.0024)	ND(0.0024)	81
HOO20-SS1	04/09/05	2.33	ND(0.0023)	ND(0.0023)	ND(0.023)	ND(0.0023)	ND(0.0023)	ND(0.0023)	ND(0.0023)	80
HOO20-SS2	04/09/05	2.76	ND(0.0028)	ND(0.0028)	ND(0.028)	ND(0.0028)	ND(0.0028)	ND(0.0028)	ND(0.0028)	83

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Table 4d. Soil-Gas Analytical Results for Sub-Slab Samples Summary Table, ASTM-D-1945 Analytes, Chevron Cincinnati Facility, Hooven, Ohio.

Sub-Slab Sample ID	Date	ASTM Dilution Factor	Ethane (%)	Ethylene (%)	Hydrogen (%)	Isobutane (%)	Isopentane (%)	Pentane (%)	Propane (%)	Nitrogen (%)
JEF1-SS1	03/29/05	2.89	ND(0.0029)	ND(0.0029)	ND(0.029)	ND(0.0029)	ND(0.0029)	ND(0.0029)	ND(0.0029)	80
JEF1-SS2	03/29/05	2.64	ND(0.0026)	ND(0.0026)	ND(0.026)	ND(0.0026)	ND(0.0026)	ND(0.0026)	ND(0.0026)	80
JEF2-SS1	04/05/05	2.47	ND(0.0025)	ND(0.0025)	ND(0.025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	81
JEF2-SS2	04/05/05	2.47	ND(0.0025)	ND(0.0025)	ND(0.025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	81
MON1-SS1	03/26/05	2.33	ND(0.0023)	ND(0.0023)	ND(0.023)	ND(0.0023)	ND(0.0023)	ND(0.0023)	ND(0.0023)	80
MON2-SS1	03/24/05	2.42	ND(0.0024)	ND(0.0024)	ND(0.024)	ND(0.0024)	ND(0.0024)	ND(0.0024)	ND(0.0024)	79
MON2-SS2	03/24/05	2.58	ND(0.0026)	ND(0.0026)	ND(0.026)	ND(0.0026)	ND(0.0026)	ND(0.0026)	ND(0.0026)	80
	03/26/05	2.24	ND(0.0022)	ND(0.0022)	ND(0.022)	ND(0.0022)	ND(0.0022)	ND(0.0022)	ND(0.0022)	82
MON3-SS1	03/31/05	2.29	ND(0.0023)	ND(0.0023)	ND(0.023)	ND(0.0023)	ND(0.0023)	ND(0.0023)	ND(0.0023)	80
MON3-SS1 Dup	03/31/05	2.47	ND(0.0025)	ND(0.0025)	ND(0.025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	81
MON3-SS2	03/31/05	2.47	ND(0.0025)	ND(0.0025)	ND(0.025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	81
OHI2-SS1	03/24/05	2.47	ND(0.0025)	ND(0.0025)	ND(0.025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	79
OHI2-SS2	03/24/05	2.47	ND(0.0025)	ND(0.0025)	ND(0.025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	80
OHI3-SS1	04/01/05	2.76	ND(0.0028)	ND(0.0028)	ND(0.028)	ND(0.0028)	ND(0.0028)	ND(0.0028)	ND(0.0028)	81
OHI3-SS1 Dup	04/01/05	2.16	ND(0.0022)	ND(0.0022)	ND(0.022)	ND(0.0022)	ND(0.0022)	ND(0.0022)	ND(0.0022)	80
OHI3-SS2	04/01/05	2.47	ND(0.0025)	ND(0.0025)	ND(0.025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	80
OHI4-SS1	03/25/05	2.42	ND(0.0024)	ND(0.0024)	ND(0.024)	ND(0.0024)	ND(0.0024)	ND(0.0024)	ND(0.0024)	80
OHI5-SS1	04/02/05	2.24	ND(0.0022)	ND(0.0022)	ND(0.022)	ND(0.0022)	ND(0.0022)	ND(0.0022)	ND(0.0022)	86
	05/03/05	2.38	ND(0.0024)	ND(0.0024)	ND(0.024)	ND(0.0024)	ND(0.0024)	ND(0.0024)	ND(0.0024)	85
OHI5-SS2	04/02/05	2.38	ND(0.0024)	ND(0.0024)	ND(0.024)	ND(0.0024)	ND(0.0024)	ND(0.0024)	ND(0.0024)	86
	05/03/05	2.24	ND(0.0022)	ND(0.0022)	ND(0.022)	ND(0.0022)	ND(0.0022)	ND(0.0022)	ND(0.0022)	87
OHI6-SS1	04/01/05	2.38	ND(0.0024)	ND(0.0024)	ND(0.024)	ND(0.0024)	ND(0.0024)	ND(0.0024)	ND(0.0024)	81
OHI6-SS1 Dup	04/01/05	2.47	ND(0.0025)	ND(0.0025)	ND(0.025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	81
OHI6-SS2	04/01/05	2.53	ND(0.0025)	ND(0.0025)	ND(0.025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	81
OHI6-SS2 Dup	04/02/05	2.33	ND(0.0023)	ND(0.0023)	ND(0.023)	ND(0.0023)	ND(0.0023)	ND(0.0023)	ND(0.0023)	84
OHI7-SS1	04/07/05	2.64	ND(0.0026)	ND(0.0026)	ND(0.026)	ND(0.0026)	ND(0.0026)	ND(0.0026)	ND(0.0026)	82
OHI7-SS2	04/07/05	2.82	ND(0.0028)	ND(0.0028)	ND(0.028)	ND(0.0028)	ND(0.0028)	ND(0.0028)	ND(0.0028)	81
OHI7-SS2 Dup	04/07/05	2.58	ND(0.0026)	ND(0.0026)	ND(0.026)	ND(0.0026)	ND(0.0026)	ND(0.0026)	ND(0.0026)	82
OHI8-SS1	04/11/05	2.69	ND(0.0027)	ND(0.0027)	ND(0.027)	ND(0.0027)	ND(0.0027)	ND(0.0027)	ND(0.0027)	80
OHI8-SS2	04/11/05	2.42	ND(0.0024)	ND(0.0024)	ND(0.024)	ND(0.0024)	ND(0.0024)	ND(0.0024)	ND(0.0024)	80
OHI9-SS1	04/09/05	2.20	ND(0.0022)	ND(0.0022)	ND(0.022)	ND(0.0022)	ND(0.0022)	ND(0.0022)	ND(0.0022)	85
OHI9-SS2	04/09/05	2.29	ND(0.0023)	ND(0.0023)	ND(0.023)	ND(0.0023)	ND(0.0023)	ND(0.0023)	ND(0.0023)	83

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Table 4d. Soil-Gas Analytical Results for Sub-Slab Samples Summary Table, ASTM-D-1945 Analytes, Chevron Cincinnati Facility, Hooven, Ohio.

Sub-Slab Sample ID	Date	ASTM Dilution Factor	Ethane (%)	Ethylene (%)	Hydrogen (%)	Isobutane (%)	Isopentane (%)	Pentane (%)	Propane (%)	Nitrogen (%)
WAS1-SS1	04/01/05	2.53	ND(0.0025)	ND(0.0025)	ND(0.025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	82
WAS1-SS2	04/01/05	2.42	ND(0.0024)	ND(0.0024)	ND(0.024)	ND(0.0024)	ND(0.0024)	ND(0.0024)	ND(0.0024)	82
WAS2-SS1	03/30/05	2.82	ND(0.0028)	ND(0.0028)	ND(0.028)	ND(0.0028)	ND(0.0028)	ND(0.0028)	ND(0.0028)	85
WAS2-SS1 Dup	03/30/05	2.38	ND(0.0024)	ND(0.0024)	ND(0.024)	ND(0.0024)	ND(0.0024)	ND(0.0024)	ND(0.0024)	85
WAS2-SS2	03/30/05	2.58	ND(0.0026)	ND(0.0026)	ND(0.026)	ND(0.0026)	ND(0.0026)	ND(0.0026)	ND(0.0026)	83

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Table 5a. Soil-Gas Analytical Results for Near-Slab Samples Summary Table, Constituents Commonly Found in Gasoline , Chevron Cincinnati Facility, Hooven, Ohio.

Near-Slab Sample ID	Date	TO-15 Dilution Factor	Benzene (mg/m³)	Toluene (mg/m³)	Ethylbenzene (mg/m³)	m,p-Xylene (mg/m³)	o-Xylene (mg/m³)	Hexane (mg/m³)	1,3,5-Trimethylbenzene (mg/m³)	1,2,4-Trimethylbenzene (mg/m³)
ADA1-NS1 (5)	04/06/05	2.33	0.005	0.026	0.0077	0.02	0.014	0.0043	ND(0.0057)	ND(0.0057)
ADA1-NS1 (10)	04/06/05	2.76	ND(0.0044)	0.029	0.0076	0.016	0.011	ND(0.0049)	ND(0.0068)	ND(0.0068)
ADA1-NS1 (10) Dup	04/06/05	2.47	ND(0.0039)	0.035	0.0091	0.02	0.013	ND(0.0044)	ND(0.0061)	ND(0.0061)
CHI10-NS1 (5)	04/12/05	2.64	ND(0.0042)	0.0054	ND(0.0057)	ND(0.0057)	ND(0.0057)	ND(0.0046)	ND(0.0065)	ND(0.0065)
CHI10-NS1 (10)	04/12/05	2.58	ND(0.0041)	ND(0.0049)	ND(0.0056)	ND(0.0056)	ND(0.0056)	ND(0.0045)	ND(0.0063)	ND(0.0063)
CHI1-NS1 (5)	04/08/05	2.47	ND(0.0039)	ND(0.0046)	ND(0.0054)	ND(0.0054)	ND(0.0054)	ND(0.0044)	ND(0.0061)	ND(0.0061)
CHI1-NS1 (10)	04/08/05	2.29	ND(0.0036)	ND(0.0043)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.004)	ND(0.0056)	ND(0.0056)
CHI1-NS2 (5)	04/08/05	2.58	ND(0.0041)	ND(0.0049)	ND(0.0056)	ND(0.0056)	ND(0.0056)	ND(0.0045)	ND(0.0063)	ND(0.0063)
CHI1-NS2 (10)	04/08/05	2.42	ND(0.0039)	ND(0.0046)U	ND(0.0052)	ND(0.0052)	ND(0.0052)	ND(0.0043)	ND(0.0059)	ND(0.0059)
CHI1-NS3 (5)	04/08/05	2.42	ND(0.0039)	ND(0.0046)	ND(0.0052)	ND(0.0052)	ND(0.0052)	ND(0.0043)	ND(0.0059)	ND(0.0059)
CHI1-NS3 (10)	04/08/05	2.47	ND(0.0039)	ND(0.0046)	ND(0.0054)	ND(0.0054)	ND(0.0054)	ND(0.0044)	ND(0.0061)	ND(0.0061)
CHI1-NS4 (5)	04/08/05	2.53	ND(0.004)	ND(0.0048)	ND(0.0055)	ND(0.0055)	ND(0.0055)	ND(0.0044)	ND(0.0062)	ND(0.0062)
CHI1-NS4 (10)	04/08/05	2.47	ND(0.0039)	ND(0.0046)	ND(0.0054)	ND(0.0054)	ND(0.0054)	ND(0.0044)	ND(0.0061)	ND(0.0061)
CHI2-NS1 (5)	04/08/05	2.13	ND(0.0034)	ND(0.004)	ND(0.0046)	ND(0.0046)	ND(0.0046)	ND(0.0038)	ND(0.0052)	ND(0.0052)
CHI2-NS1 (10)	04/08/05	4.66	ND(0.0074)	ND(0.0088)	ND(0.01)	ND(0.01)	ND(0.01)	0.035	ND(0.011)	ND(0.011)
CHI3-NS1 (5)	04/11/05	2.64	ND(0.0042)	ND(0.005)	ND(0.0057)	ND(0.0057)	ND(0.0057)	ND(0.0046)	ND(0.0065)	ND(0.0065)
CHI3-NS1 (10)	04/11/05	2.53	ND(0.004)	ND(0.0048)	ND(0.0055)	ND(0.0055)	ND(0.0055)	ND(0.0044)	ND(0.0062)	ND(0.0062)
CHI3-NS1 (10) Dup	04/11/05	2.53	ND(0.004)	ND(0.0048)	ND(0.0055)	ND(0.0055)	ND(0.0055)	ND(0.0044)	ND(0.0062)	ND(0.0062)
CHI4-NS1 (5)	04/08/05	2.29	ND(0.0036)	ND(0.0043)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.004)	ND(0.0056)	ND(0.0056)
CHI4-NS1 (10)	04/08/05	2.24	ND(0.0036)	0.0074	ND(0.0049)	0.005	ND(0.0049)	ND(0.0039)	ND(0.0055)	ND(0.0055)
CHI5-NS1 (5)	04/08/05	2.58	ND(0.0041)	ND(0.0049)	ND(0.0056)	ND(0.0056)	ND(0.0056)	ND(0.0045)	ND(0.0063)	ND(0.0063)
CHI5-NS1 (10)	04/08/05	2.47	ND(0.0039)	ND(0.0046)	ND(0.0054)	ND(0.0054)	ND(0.0054)	ND(0.0044)	ND(0.0061)	ND(0.0061)
CHI6-NS1 (5)	04/08/05	2.47	ND(0.0039)	ND(0.0046)	ND(0.0054)	ND(0.0054)	ND(0.0054)	ND(0.0044)	ND(0.0061)	ND(0.0061)
CHI6-NS1 (10)	04/08/05	2.53	ND(0.004)	ND(0.0048)	ND(0.0055)	ND(0.0055)	ND(0.0055)	ND(0.0044)	ND(0.0062)	ND(0.0062)
CHI8-NS1 (10)	04/09/05	2.38	ND(0.0038)	ND(0.0045)	ND(0.0052)	ND(0.0052)	ND(0.0052)	ND(0.0042)	ND(0.0058)	ND(0.0058)
CHI8-NS2 (5)	04/09/05	2.89	ND(0.0046)	ND(0.0054)	ND(0.0063)	ND(0.0063)	ND(0.0063)	ND(0.0051)	ND(0.0071)	0.024
CHI8-NS2 (10)	04/09/05	2.82	ND(0.0045)	ND(0.0053)	ND(0.0061)	ND(0.0061)	ND(0.0061)	ND(0.005)	ND(0.0069)	ND(0.0069)
CHI9-NS1 (5)	04/11/05	2.38	ND(0.0038)	ND(0.0045)	ND(0.0052)	ND(0.0052)	ND(0.0052)	ND(0.0042)	ND(0.0058)	ND(0.0058)
CHI9-NS1 (10)	04/11/05	2.47	ND(0.0039)	ND(0.0046)	ND(0.0054)	ND(0.0054)	ND(0.0054)	ND(0.0044)	ND(0.0061)	ND(0.0061)
HOO1-NS1 (5)	04/06/05	2.29	ND(0.0036)	0.019	0.0096	0.07	0.033	ND(0.004)	ND(0.0056)	ND(0.0056)
HOO1-NS1 (10)	04/06/05	2.47	0.0054	0.014	ND(0.0054)	0.0076	ND(0.0054)	0.016	ND(0.0061)	ND(0.0061)
HOO2-NS1 (5)	04/12/05	2.42	ND(0.0039)	ND(0.0046)	ND(0.0052)	ND(0.0052)	ND(0.0052)	ND(0.0043)	ND(0.0059)	ND(0.0059)
HOO2-NS1 (10)	04/12/05	2.69	ND(0.0043)	ND(0.0051)	ND(0.0058)	ND(0.0058)	ND(0.0058)	ND(0.0047)	ND(0.0066)	ND(0.0066)
HOO2-NS1 (10) Dup	04/12/05	2.47	ND(0.0039)	ND(0.0046)	ND(0.0054)	ND(0.0054)	ND(0.0054)	ND(0.0044)	ND(0.0061)	ND(0.0061)
HOO3-NS1 (5)	04/13/05	2.16	ND(0.0034)	ND(0.0041)	ND(0.0047)	ND(0.0047)	ND(0.0047)	ND(0.0038)	ND(0.0053)	ND(0.0053)
HOO3-NS1 (10)	04/13/05	2.29	ND(0.0036)	ND(0.0043)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.004)	ND(0.0056)	ND(0.0056)

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Table 5a. Soil-Gas Analytical Results for Near-Slab Samples Summary Table, Constituents Commonly Found in Gasoline , Chevron Cincinnati Facility, Hooven, Ohio.

Near-Slab Sample ID	Date	TO-15 Dilution Factor	Benzene (mg/m³)	Toluene (mg/m³)	Ethylbenzene (mg/m³)	m,p-Xylene (mg/m³)	o-Xylene (mg/m³)	Hexane (mg/m³)	1,3,5-Trimethylbenzene (mg/m³)	1,2,4-Trimethylbenzene (mg/m³)
HOO4-NS1 (5)	04/06/05	2.64	ND(0.0042)	ND(0.005)	ND(0.0057)	ND(0.0057)	ND(0.0057)	ND(0.0046)	ND(0.0065)	ND(0.0065)
HOO4-NS1 (10)	04/06/05	2.58	ND(0.0041)	ND(0.0049)	ND(0.0056)	ND(0.0056)	ND(0.0056)	ND(0.0045)	ND(0.0063)	ND(0.0063)
HOO5-NS1 (5)	04/07/05	2.96	ND(0.0047)	ND(0.0056)	ND(0.0064)	ND(0.0064)	ND(0.0064)	ND(0.0052)	ND(0.0073)	ND(0.0073)
HOO5-NS1 (5) Dup	04/07/05	2.96	ND(0.0047)	ND(0.0056)	ND(0.0064)	ND(0.0064)	ND(0.0064)	ND(0.0052)	ND(0.0073)	ND(0.0073)
HOO5-NS1 (10)	04/07/05	2.76	ND(0.0044)	ND(0.0052)	ND(0.006)	ND(0.006)	ND(0.006)	ND(0.0049)	ND(0.0068)	ND(0.0068)
HOO8-NS1 (5)	04/13/05	2.38	ND(0.0038)	ND(0.0045)	ND(0.0052)	ND(0.0052)	ND(0.0052)	ND(0.0042)	ND(0.0058)	ND(0.0058)
HOO8-NS1 (10)	04/13/05	2.53	ND(0.004)	ND(0.0048)	ND(0.0055)	ND(0.0055)	ND(0.0055)	ND(0.0044)	ND(0.0062)	ND(0.0062)
HOO12-NS1 (5)	04/12/05	2.38	ND(0.0038)	ND(0.0045)	ND(0.0052)	ND(0.0052)	ND(0.0052)	ND(0.0042)	ND(0.0058)	ND(0.0058)
HOO12-NS1 (10)	04/12/05	2.29	ND(0.0036)	ND(0.0043)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.004)	ND(0.0056)	ND(0.0056)
HOO12-NS1 (10) Dup	04/12/05	2.24	ND(0.0036)	ND(0.0042)	ND(0.0049)	ND(0.0049)	ND(0.0049)	ND(0.0039)	ND(0.0055)	ND(0.0055)
HOO15-NS1 (5)	04/06/05	2.58	ND(0.0041)	0.093	0.025	0.2	0.086	ND(0.0045)	ND(0.0063)	0.015
HOO15-NS1 (10)	04/06/05	2.58	ND(0.0041)	ND(0.0049)	ND(0.0056)	ND(0.0056)	ND(0.0056)	ND(0.0045)	ND(0.0063)	ND(0.0063)
HOO16-NS1 (5)	04/12/05	2.33	ND(0.0037)	ND(0.0044)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.0041)	ND(0.0057)	ND(0.0057)
HOO16-NS1 (10)	04/12/05	2.47	ND(0.0039)	ND(0.0046)	ND(0.0054)	ND(0.0054)	ND(0.0054)	ND(0.0044)	ND(0.0061)	ND(0.0061)
HOO17-NS1 (5)	04/13/05	4.32	0.015	0.2	0.12	0.061	0.013	0.36	ND(0.011)	ND(0.011)
HOO17-NS1 (10)	04/13/05	2.24	ND(0.0036)	ND(0.0042)	ND(0.0049)	ND(0.0049)	ND(0.0049)	ND(0.0039)	ND(0.0055)	ND(0.0055)
HOO18-NS1 (5)	04/15/05	2.29	ND(0.0036)	ND(0.0043)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.004)	ND(0.0056)	ND(0.0056)
HOO18-NS1 (10)	04/15/05	2.29	0.0095	0.072	0.016	0.046	0.014	0.0085	ND(0.0056)	0.0079
HOO19-NS1 (5)	04/13/05	2.38	ND(0.0038)	ND(0.0045)	ND(0.0052)	ND(0.0052)	ND(0.0052)	ND(0.0042)	ND(0.0058)	0.0073
HOO19-NS1 (5) Dup	04/13/05	2.69	ND(0.0043)	ND(0.0051)	ND(0.0058)	ND(0.0058)	ND(0.0058)	ND(0.0047)	ND(0.0066)	ND(0.0066)
HOO19-NS1 (10)	04/13/05	2.47	0.012	0.033	0.01	ND(0.0054)U	0.0069	0.0052	ND(0.0061)	0.0077
HOO20-NS1 (5)	04/13/05	2.09	ND(0.0033)	0.016	0.0074	ND(0.0045)U	ND(0.0045)U	0.0064	ND(0.0051)	ND(0.0051)U
HOO20-NS1 (10)	04/13/05	2.09	0.0053	0.038	ND(0.0045)	ND(0.0045)U	ND(0.0045)	ND(0.0037)	ND(0.0051)	ND(0.0051)
JEF1-NS1 (5)	04/06/05	2.38	0.015	0.062	0.013	0.04	0.014	0.012	ND(0.0058)	ND(0.0058)
JEF1-NS1 (5) Dup	04/06/05	2.24	ND(0.0036)	0.062	0.01	0.026	0.014	ND(0.0039)	ND(0.0055)	ND(0.0055)
JEF1-NS1 (10)	04/06/05	2.89	0.012	0.1	0.015	0.039	0.019	0.01	ND(0.0071)	0.011
JEF2-NS1 (5)	04/14/05	2.33	ND(0.0037)	ND(0.0044)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.0041)	ND(0.0057)	0.006
JEF2-NS1 (10)	04/14/05	2.42	ND(0.0039)	ND(0.0046)	ND(0.0052)	ND(0.0052)U	ND(0.0052)	ND(0.0043)	ND(0.0059)	0.021
MON2-NS2 (10)	04/04/05	2.76	ND(0.0044)	ND(0.0052)	ND(0.006)	ND(0.006)	ND(0.006)	ND(0.0049)	ND(0.0068)	ND(0.0068)
MON2-NS3 (10)	04/04/05	2.47	ND(0.0039)	ND(0.0046)	ND(0.0054)	ND(0.0054)	ND(0.0054)	ND(0.0044)	ND(0.0061)	ND(0.0061)
MON2-NS3 (10) Dup	04/04/05	2.53	ND(0.004)	ND(0.0048)	ND(0.0055)	ND(0.0055)	ND(0.0055)	ND(0.0044)	ND(0.0062)	ND(0.0062)
MON2-NS4 (10)	04/04/05	2.64	ND(0.0042)	ND(0.005)	ND(0.0057)	ND(0.0057)	ND(0.0057)	ND(0.0046)	ND(0.0065)	ND(0.0065)
MON3-NS1 (10)	04/05/05	2.76	ND(0.0044)	0.037	ND(0.006)	0.016	0.0063	ND(0.0049)	ND(0.0068)	ND(0.0068)
OHI2-NS1 (5)	04/06/05	2.76	0.042	0.19	0.016	0.079	0.021	0.007	ND(0.0068)	0.0068
OHI2-NS1 (5) Dup	04/06/05	2.53	ND(0.004)	ND(0.0048)	ND(0.0055)	ND(0.0055)	ND(0.0055)	ND(0.0044)	ND(0.0062)	ND(0.0062)
OHI2-NS1 (10)	04/06/05	2.42	ND(0.0039)	0.0089	ND(0.0052)	0.0096	ND(0.0052)	ND(0.0043)	ND(0.0059)	ND(0.0059)

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Table 5a. Soil-Gas Analytical Results for Near-Slab Samples Summary Table, Constituents Commonly Found in Gasoline , Chevron Cincinnati Facility, Hooven, Ohio.

Near-Slab Sample ID	Date	TO-15 Dilution Factor	Benzene (mg/m³)	Toluene (mg/m³)	Ethylbenzene (mg/m³)	m,p-Xylene (mg/m³)	o-Xylene (mg/m³)	Hexane (mg/m³)	1,3,5-Trimethylbenzene (mg/m³)	1,2,4-Trimethylbenzene (mg/m³)
OHI3-NS1 (5)	04/14/05	2.53	ND(0.004)	0.011	ND(0.0055)	ND(0.0055)U	0.0077	ND(0.0044)	0.0062	0.022
OHI3-NS1 (10)	04/14/05	2.58	ND(0.0041)	ND(0.0049)	ND(0.0056)	ND(0.0056)	ND(0.0056)	ND(0.0045)	ND(0.0063)	ND(0.0063)
OHI5-NS1 (5)	04/06/05	2.33	ND(0.0037)	0.012	ND(0.005)	0.0066	ND(0.005)	ND(0.0041)	ND(0.0057)	ND(0.0057)
OHI5-NS1 (10)	04/06/05	2.53	ND(0.004)	0.0058	ND(0.0055)	ND(0.0055)	ND(0.0055)	ND(0.0044)	ND(0.0062)	ND(0.0062)
OHI6-NS1 (5)	04/06/05	2.38	0.0068	0.01	ND(0.0052)	0.0073	ND(0.0052)	0.014	ND(0.0058)	ND(0.0058)
OHI6-NS1 (10)	04/06/05	2.38	0.0073	0.012	0.0057	0.0088	ND(0.0052)	0.012	ND(0.0058)	ND(0.0058)
OHI7-NS1 (5)	04/11/05	2.47	ND(0.0039)	ND(0.0046)	ND(0.0054)	ND(0.0054)	ND(0.0054)	ND(0.0044)	ND(0.0061)	ND(0.0061)
OHI7-NS1 (5) Dup	04/11/05	2.53	ND(0.004)	ND(0.0048)	ND(0.0055)	ND(0.0055)	ND(0.0055)	ND(0.0044)	ND(0.0062)	ND(0.0062)
OHI7-NS1 (10)	04/11/05	2.96	ND(0.0047)	ND(0.0056)	ND(0.0064)	ND(0.0064)	ND(0.0064)	ND(0.0052)	ND(0.0073)	ND(0.0073)
OHI8-NS1 (5)	04/13/05	2.42	ND(0.0039)	ND(0.0046)	ND(0.0052)	ND(0.0052)	ND(0.0052)	ND(0.0043)	ND(0.0059)	ND(0.0059)U
OHI8-NS1 (10)	04/13/05	2.24	ND(0.0036)	ND(0.0042)	ND(0.0049)	ND(0.0049)U	ND(0.0049)	ND(0.0039)	ND(0.0055)	ND(0.0055)U
OHI9-NS1 (5)	04/15/05	2.58	ND(0.0041)	ND(0.0049)	ND(0.0056)	ND(0.0056)	ND(0.0056)	ND(0.0045)	ND(0.0063)	ND(0.0063)
OHI9-NS1 (10)	04/15/05	2.29	0.024	0.022	0.015	0.02	0.013	0.017	ND(0.0056)	0.012
WAS1-NS1 (5)	04/07/05	2.89	0.016	0.018	0.0068	0.022	0.013	0.0065	ND(0.0071)	0.022
WAS1-NS1 (10)	04/07/05	2.76	ND(0.0044)	ND(0.0052)	ND(0.006)	ND(0.006)	ND(0.006)	ND(0.0049)	ND(0.0068)	ND(0.0068)
WAS2-NS1 (5)	04/06/05	2.96	0.0086	0.026	0.014	0.018	0.0097	0.008	ND(0.0073)	0.01
WAS2-NS1 (10)	04/06/05	2.38	ND(0.0038)	ND(0.0045)	ND(0.0052)	ND(0.0052)	ND(0.0052)	ND(0.0042)	ND(0.0058)	ND(0.0058)

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Table 5a. Soil-Gas Analytical Results for Near-Slab Samples Summary Table, Constituents Commonly Found in Gasoline , Chevron Cincinnati Facility, Hooven, Ohio.

Near-Slab Sample ID	Date	TO-15 Dilution Factor	Naphthalene (mg/m³)	Cyclohexane (mg/m³)	Heptane (mg/m³)	Styrene (mg/m³)	2,2,4-Trimethylpentane (mg/m³)	Isopropylbenzene (mg/m³)	n-Propylbenzene (mg/m³)	1,2-Dichloroethane (mg/m³)
ADA1-NS1 (5)	04/06/05	2.33	ND(0.024)	ND(0.004)	ND(0.0048)	ND(0.005)	0.015	ND(0.0057)	ND(0.0057)	ND(0.0047)
ADA1-NS1 (10)	04/06/05	2.76	ND(0.029)J	ND(0.0048)	ND(0.0056)	ND(0.0059)	ND(0.0064)	ND(0.0068)	ND(0.0068)	ND(0.0056)
ADA1-NS1 (10) Dup	04/06/05	2.47	ND(0.026)J	ND(0.0042)	ND(0.0051)	ND(0.0053)	ND(0.0058)	ND(0.0061)	ND(0.0061)	ND(0.005)
CHI10-NS1 (5)	04/12/05	2.64	ND(0.028)	ND(0.0045)	ND(0.0054)	ND(0.0056)	ND(0.0062)	ND(0.0065)	ND(0.0065)	ND(0.0053)
CHI10-NS1 (10)	04/12/05	2.58	ND(0.027)	ND(0.0044)	ND(0.0053)	ND(0.0055)	ND(0.006)	ND(0.0063)	ND(0.0063)	ND(0.0052)
CHI1-NS1 (5)	04/08/05	2.47	ND(0.026)	ND(0.0042)	ND(0.0051)	ND(0.0053)	ND(0.0058)	ND(0.0061)	ND(0.0061)	ND(0.005)
CHI1-NS1 (10)	04/08/05	2.29	ND(0.024)	ND(0.0039)	ND(0.0047)	ND(0.0049)	ND(0.0053)	ND(0.0056)	ND(0.0056)	ND(0.0046)
CHI1-NS2 (5)	04/08/05	2.58	ND(0.027)	ND(0.0044)	ND(0.0053)	ND(0.0055)	ND(0.006)	ND(0.0063)	ND(0.0063)	ND(0.0052)
CHI1-NS2 (10)	04/08/05	2.42	ND(0.025)	ND(0.0042)	ND(0.005)	ND(0.0052)	ND(0.0056)	ND(0.0059)	ND(0.0059)	ND(0.0049)
CHI1-NS3 (5)	04/08/05	2.42	ND(0.025)	ND(0.0042)	ND(0.005)	ND(0.0052)	ND(0.0056)	ND(0.0059)	ND(0.0059)	ND(0.0049)
CHI1-NS3 (10)	04/08/05	2.47	ND(0.026)	ND(0.0042)	ND(0.0051)	ND(0.0053)	ND(0.0058)	ND(0.0061)	ND(0.0061)	ND(0.005)
CHI1-NS4 (5)	04/08/05	2.53	ND(0.026)	ND(0.0044)	ND(0.0052)	ND(0.0054)	ND(0.0059)	ND(0.0062)	ND(0.0062)	ND(0.0051)
CHI1-NS4 (10)	04/08/05	2.47	ND(0.026)	ND(0.0042)	ND(0.0051)	ND(0.0053)	ND(0.0058)	ND(0.0061)	ND(0.0061)	ND(0.005)
CHI2-NS1 (5)	04/08/05	2.13	ND(0.022)J	ND(0.0037)	ND(0.0044)	ND(0.0045)	ND(0.005)	ND(0.0052)	ND(0.0052)	ND(0.0043)
CHI2-NS1 (10)	04/08/05	4.66	ND(0.049)J	0.078	ND(0.0095)	ND(0.0099)	2.4 J	ND(0.011)	ND(0.011)	ND(0.0094)
CHI3-NS1 (5)	04/11/05	2.64	ND(0.028)	ND(0.0045)	ND(0.0054)	ND(0.0056)J	ND(0.0062)	ND(0.0065)	ND(0.0065)	ND(0.0053)
CHI3-NS1 (10)	04/11/05	2.53	ND(0.026)	ND(0.0044)	ND(0.0052)	ND(0.0054)J	ND(0.0059)	ND(0.0062)	ND(0.0062)	ND(0.0051)
CHI3-NS1 (10) Dup	04/11/05	2.53	ND(0.026)	ND(0.0044)	ND(0.0052)	ND(0.0054)J	ND(0.0059)	ND(0.0062)	ND(0.0062)	ND(0.0051)
CHI4-NS1 (5)	04/08/05	2.29	ND(0.024)J	ND(0.0039)	ND(0.0047)	ND(0.0049)	ND(0.0053)	ND(0.0056)	ND(0.0056)	ND(0.0046)
CHI4-NS1 (10)	04/08/05	2.24	ND(0.023)J	ND(0.0038)	ND(0.0046)	ND(0.0048)	ND(0.0052)	ND(0.0055)	ND(0.0055)	ND(0.0045)
CHI5-NS1 (5)	04/08/05	2.58	ND(0.027)	ND(0.0044)	ND(0.0053)	ND(0.0055)	ND(0.006)	ND(0.0063)	ND(0.0063)	ND(0.0052)
CHI5-NS1 (10)	04/08/05	2.47	ND(0.026)	ND(0.0042)	ND(0.0051)	ND(0.0053)	ND(0.0058)	ND(0.0061)	ND(0.0061)	ND(0.005)
CHI6-NS1 (5)	04/08/05	2.47	ND(0.026)	ND(0.0042)	ND(0.0051)	ND(0.0053)	ND(0.0058)	ND(0.0061)	ND(0.0061)	ND(0.005)
CHI6-NS1 (10)	04/08/05	2.53	ND(0.026)	ND(0.0044)	ND(0.0052)	ND(0.0054)	ND(0.0059)	ND(0.0062)	ND(0.0062)	ND(0.0051)
CHI8-NS1 (10)	04/09/05	2.38	ND(0.025)	ND(0.0041)	ND(0.0049)	ND(0.0051)J	ND(0.0056)	ND(0.0058)	ND(0.0058)	ND(0.0048)
CHI8-NS2 (5)	04/09/05	2.89	ND(0.03)	ND(0.005)	ND(0.0059)	ND(0.0062)J	ND(0.0068)	ND(0.0071)	ND(0.0071)	ND(0.0058)
CHI8-NS2 (10)	04/09/05	2.82	ND(0.03)	ND(0.0048)	ND(0.0058)	ND(0.006)J	ND(0.0066)	ND(0.0069)	ND(0.0069)	ND(0.0057)
CHI9-NS1 (5)	04/11/05	2.38	ND(0.025)	ND(0.0041)	ND(0.0049)	ND(0.0051)J	ND(0.0056)	ND(0.0058)	ND(0.0058)	ND(0.0048)
CHI9-NS1 (10)	04/11/05	2.47	ND(0.026)	ND(0.0042)	ND(0.0051)	ND(0.0053)J	ND(0.0058)	ND(0.0061)	ND(0.0061)	ND(0.005)
HOO1-NS1 (5)	04/06/05	2.29	ND(0.024)	ND(0.0039)	ND(0.0047)	0.0054	ND(0.0053)	ND(0.0056)	ND(0.0056)	ND(0.0046)
HOO1-NS1 (10)	04/06/05	2.47	ND(0.026)	0.015	ND(0.0051)	ND(0.0053)	ND(0.0058)	ND(0.0061)	ND(0.0061)	ND(0.005)
HOO2-NS1 (5)	04/12/05	2.42	ND(0.025)	ND(0.0042)	ND(0.005)	ND(0.0052)	ND(0.0056)	ND(0.0059)	ND(0.0059)	ND(0.0049)
HOO2-NS1 (10)	04/12/05	2.69	ND(0.028)	ND(0.0046)	ND(0.0055)	ND(0.0057)	ND(0.0063)	ND(0.0066)	ND(0.0066)	ND(0.0054)
HOO2-NS1 (10) Dup	04/12/05	2.47	ND(0.026)	ND(0.0042)	ND(0.0051)	ND(0.0053)	ND(0.0058)	ND(0.0061)	ND(0.0061)	ND(0.005)
HOO3-NS1 (5)	04/13/05	2.16	ND(0.023)	ND(0.0037)	ND(0.0044)	ND(0.0046)	ND(0.005)	ND(0.0053)	ND(0.0053)	ND(0.0044)
HOO3-NS1 (10)	04/13/05	2.29	ND(0.024)	ND(0.0039)	ND(0.0047)	ND(0.0049)	ND(0.0053)	ND(0.0056)	ND(0.0056)	ND(0.0046)

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Table 5a. Soil-Gas Analytical Results for Near-Slab Samples Summary Table, Constituents Commonly Found in Gasoline , Chevron Cincinnati Facility, Hooven, Ohio.

Near-Slab Sample ID	Date	TO-15 Dilution Factor	Naphthalene (mg/m³)	Cyclohexane (mg/m³)	Heptane (mg/m³)	Styrene (mg/m³)	2,2,4-Trimethylpentane (mg/m³)	Isopropylbenzene (mg/m³)	n-Propylbenzene (mg/m³)	1,2-Dichloroethane (mg/m³)
HOO4-NS1 (5)	04/06/05	2.64	ND(0.028)	ND(0.0045)	ND(0.0054)	ND(0.0056)	ND(0.0062)	ND(0.0065)	ND(0.0065)	ND(0.0053)
HOO4-NS1 (10)	04/06/05	2.58	ND(0.027)	ND(0.0044)	ND(0.0053)	ND(0.0055)	ND(0.006)	ND(0.0063)	ND(0.0063)	ND(0.0052)
HOO5-NS1 (5)	04/07/05	2.96	ND(0.031)	ND(0.0051)	ND(0.0061)	ND(0.0063)	ND(0.0069)	ND(0.0073)	ND(0.0073)	ND(0.006)
HOO5-NS1 (5) Dup	04/07/05	2.96	ND(0.031)	ND(0.0051)	ND(0.0061)	ND(0.0063)	ND(0.0069)	ND(0.0073)	ND(0.0073)	ND(0.006)
HOO5-NS1 (10)	04/07/05	2.76	ND(0.029)	ND(0.0048)	ND(0.0056)	ND(0.0059)	ND(0.0064)	ND(0.0068)	ND(0.0068)	ND(0.0056)
HOO8-NS1 (5)	04/13/05	2.38	ND(0.025)	ND(0.0041)	ND(0.0049)	ND(0.0051)	ND(0.0056)	ND(0.0058)	ND(0.0058)	ND(0.0048)
HOO8-NS1 (10)	04/13/05	2.53	ND(0.026)	ND(0.0044)	ND(0.0052)	ND(0.0054)	ND(0.0059)	ND(0.0062)	ND(0.0062)	ND(0.0051)
HOO12-NS1 (5)	04/12/05	2.38	ND(0.025)	ND(0.0041)	ND(0.0049)	ND(0.0051)	ND(0.0056)	ND(0.0058)	ND(0.0058)	ND(0.0048)
HOO12-NS1 (10)	04/12/05	2.29	ND(0.024)	ND(0.0039)	ND(0.0047)	ND(0.0049)	ND(0.0053)	ND(0.0056)	ND(0.0056)	ND(0.0046)
HOO12-NS1 (10) Dup	04/12/05	2.24	ND(0.023)	ND(0.0038)	ND(0.0046)	ND(0.0048)	ND(0.0052)	ND(0.0055)	ND(0.0055)	ND(0.0045)
HOO15-NS1 (5)	04/06/05	2.58	ND(0.027)	ND(0.0044)	ND(0.0053)	0.014	ND(0.006)	ND(0.0063)	ND(0.0063)	ND(0.0052)
HOO15-NS1 (10)	04/06/05	2.58	ND(0.027)	ND(0.0044)	ND(0.0053)	ND(0.0055)	ND(0.006)	ND(0.0063)	ND(0.0063)	ND(0.0052)
HOO16-NS1 (5)	04/12/05	2.33	ND(0.024)	ND(0.004)	ND(0.0048)	ND(0.005)	ND(0.0054)	ND(0.0057)	ND(0.0057)	ND(0.0047)
HOO16-NS1 (10)	04/12/05	2.47	ND(0.026)	ND(0.0042)	ND(0.0051)	ND(0.0053)	ND(0.0058)	ND(0.0061)	ND(0.0061)	ND(0.005)
HOO17-NS1 (5)	04/13/05	4.32	ND(0.045)	ND(0.0074)	0.096	ND(0.0092)	1.6	ND(0.011)	ND(0.011)	ND(0.0087)
HOO17-NS1 (10)	04/13/05	2.24	ND(0.023)	ND(0.0038)	ND(0.0046)	ND(0.0048)	ND(0.0052)	ND(0.0055)	ND(0.0055)	ND(0.0045)
HOO18-NS1 (5)	04/15/05	2.29	ND(0.024)	ND(0.0039)	ND(0.0047)	ND(0.0049)	ND(0.0053)	ND(0.0056)	ND(0.0056)	ND(0.0046)
HOO18-NS1 (10)	04/15/05	2.29	ND(0.024)	0.005	0.0049	ND(0.0049)	0.0074	ND(0.0056)	ND(0.0056)	ND(0.0046)
HOO19-NS1 (5)	04/13/05	2.38	ND(0.025)	ND(0.0041)	ND(0.0049)	ND(0.0051)	ND(0.0056)	ND(0.0058)	ND(0.0058)	ND(0.0048)
HOO19-NS1 (5) Dup	04/13/05	2.69	ND(0.028)	ND(0.0046)	ND(0.0055)	ND(0.0057)	ND(0.0063)	ND(0.0066)	ND(0.0066)	ND(0.0054)
HOO19-NS1 (10)	04/13/05	2.47	ND(0.026)	0.006	ND(0.0051)	ND(0.0053)	ND(0.0058)	ND(0.0061)	ND(0.0061)	ND(0.005)
HOO20-NS1 (5)	04/13/05	2.09	ND(0.022)	ND(0.0036)	ND(0.0043)	ND(0.0044)	ND(0.0049)	ND(0.0051)	ND(0.0051)	ND(0.0042)
HOO20-NS1 (10)	04/13/05	2.09	ND(0.022)	ND(0.0036)	ND(0.0043)	ND(0.0044)	ND(0.0049)	ND(0.0051)	ND(0.0051)	ND(0.0042)
JEF1-NS1 (5)	04/06/05	2.38	ND(0.025)	0.0065	0.0085	ND(0.0051)	0.014	ND(0.0058)	ND(0.0058)	ND(0.0048)
JEF1-NS1 (5) Dup	04/06/05	2.24	ND(0.023)	ND(0.0038)	ND(0.0046)	ND(0.0048)	ND(0.0052)	ND(0.0055)	ND(0.0055)	ND(0.0045)
JEF1-NS1 (10)	04/06/05	2.89	ND(0.03)	0.013	ND(0.0059)	ND(0.0062)	ND(0.0068)	ND(0.0071)	ND(0.0071)	ND(0.0058)
JEF2-NS1 (5)	04/14/05	2.33	ND(0.024)	ND(0.004)	ND(0.0048)	ND(0.005)	ND(0.0054)	ND(0.0057)	ND(0.0057)	ND(0.0047)
JEF2-NS1 (10)	04/14/05	2.42	ND(0.025)	ND(0.0042)	ND(0.005)	ND(0.0052)	ND(0.0056)	ND(0.0059)	ND(0.0059)	ND(0.0049)
MON2-NS2 (10)	04/04/05	2.76	ND(0.029)	ND(0.0048)	ND(0.0056)	ND(0.0059)	ND(0.0064)	ND(0.0068)	ND(0.0068)	ND(0.0056)
MON2-NS3 (10)	04/04/05	2.47	ND(0.026)	ND(0.0042)	ND(0.0051)	ND(0.0053)	ND(0.0058)	ND(0.0061)	ND(0.0061)	ND(0.005)
MON2-NS3 (10) Dup	04/04/05	2.53	ND(0.026)	ND(0.0044)	ND(0.0052)	ND(0.0054)	ND(0.0059)	ND(0.0062)	ND(0.0062)	ND(0.0051)
MON2-NS4 (10)	04/04/05	2.64	ND(0.028)	ND(0.0045)	ND(0.0054)	ND(0.0056)	ND(0.0062)	ND(0.0065)	ND(0.0065)	ND(0.0053)
MON3-NS1 (10)	04/05/05	2.76	ND(0.029)	ND(0.0048)	ND(0.0056)	ND(0.0059)	ND(0.0064)	ND(0.0068)	ND(0.0068)	ND(0.0056)
OHI2-NS1 (5)	04/06/05	2.76	ND(0.029)	0.011	0.0085	ND(0.0059)	ND(0.0064)	ND(0.0068)	ND(0.0068)	ND(0.0056)
OHI2-NS1 (5) Dup	04/06/05	2.53	ND(0.026)	ND(0.0044)	ND(0.0052)	ND(0.0054)	ND(0.0059)	ND(0.0062)	ND(0.0062)	ND(0.0051)
OHI2-NS1 (10)	04/06/05	2.42	ND(0.025)	ND(0.0042)	ND(0.005)	ND(0.0052)	ND(0.0056)	ND(0.0059)	ND(0.0059)	ND(0.0049)

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Table 5a. Soil-Gas Analytical Results for Near-Slab Samples Summary Table, Constituents Commonly Found in Gasoline , Chevron Cincinnati Facility, Hooven, Ohio.

Near-Slab Sample ID	Date	TO-15 Dilution Factor	Naphthalene (mg/m³)	Cyclohexane (mg/m³)	Heptane (mg/m³)	Styrene (mg/m³)	2,2,4-Trimethylpentane (mg/m³)	Isopropylbenzene (mg/m³)	n-Propylbenzene (mg/m³)	1,2-Dichloroethane (mg/m³)
OHI3-NS1 (5)	04/14/05	2.53	ND(0.026)	ND(0.0044)	ND(0.0052)	ND(0.0054)	ND(0.0059)	ND(0.0062)	ND(0.0062)	ND(0.0051)
OHI3-NS1 (10)	04/14/05	2.58	ND(0.027)	ND(0.0044)	ND(0.0053)	ND(0.0055)	ND(0.006)	ND(0.0063)	ND(0.0063)	ND(0.0052)
OHI5-NS1 (5)	04/06/05	2.33	ND(0.024)	ND(0.004)	ND(0.0048)	ND(0.005)	0.008	ND(0.0057)	ND(0.0057)	ND(0.0047)
OHI5-NS1 (10)	04/06/05	2.53	ND(0.026)	ND(0.0044)	ND(0.0052)	ND(0.0054)	ND(0.0059)	ND(0.0062)	ND(0.0062)	ND(0.0051)
OHI6-NS1 (5)	04/06/05	2.38	ND(0.025)	0.011	ND(0.0049)	ND(0.0051)	ND(0.0056)	ND(0.0058)	ND(0.0058)	ND(0.0048)
OHI6-NS1 (10)	04/06/05	2.38	ND(0.025)	0.011	ND(0.0049)	ND(0.0051)	ND(0.0056)	ND(0.0058)	ND(0.0058)	ND(0.0048)
OHI7-NS1 (5)	04/11/05	2.47	ND(0.026)	ND(0.0042)	ND(0.0051)	ND(0.0053)J	ND(0.0058)	ND(0.0061)	ND(0.0061)	ND(0.005)
OHI7-NS1 (5) Dup	04/11/05	2.53	ND(0.026)	ND(0.0044)	ND(0.0052)	ND(0.0054)J	ND(0.0059)	ND(0.0062)	ND(0.0062)	ND(0.0051)
OHI7-NS1 (10)	04/11/05	2.96	ND(0.031)	ND(0.0051)	ND(0.0061)	ND(0.0063)J	ND(0.0069)	ND(0.0073)	ND(0.0073)	ND(0.006)
OHI8-NS1 (5)	04/13/05	2.42	ND(0.025)	ND(0.0042)	ND(0.005)	ND(0.0052)	ND(0.0056)	ND(0.0059)	ND(0.0059)	ND(0.0049)
OHI8-NS1 (10)	04/13/05	2.24	0.034	ND(0.0038)	ND(0.0046)	ND(0.0048)	0.02	ND(0.0055)	ND(0.0055)	ND(0.0045)
OHI9-NS1 (5)	04/15/05	2.58	ND(0.027)	ND(0.0044)	ND(0.0053)	ND(0.0055)	ND(0.006)	ND(0.0063)	ND(0.0063)	ND(0.0052)
OHI9-NS1 (10)	04/15/05	2.29	ND(0.024)	0.009	0.019	ND(0.0049)	ND(0.0053)	ND(0.0056)	ND(0.0056)	ND(0.0046)
WAS1-NS1 (5)	04/07/05	2.89	ND(0.03)J	ND(0.005)	ND(0.0059)	ND(0.0062)	ND(0.0068)	ND(0.0071)	ND(0.0071)	ND(0.0058)
WAS1-NS1 (10)	04/07/05	2.76	ND(0.029)J	ND(0.0048)	ND(0.0056)	ND(0.0059)	ND(0.0064)	ND(0.0068)	ND(0.0068)	ND(0.0056)
WAS2-NS1 (5)	04/06/05	2.96	ND(0.031)J	0.0084	ND(0.0061)	ND(0.0063)	ND(0.0069)	ND(0.0073)	ND(0.0073)	ND(0.006)
WAS2-NS1 (10)	04/06/05	2.38	ND(0.025)J	ND(0.0041)	ND(0.0049)	ND(0.0051)	ND(0.0056)	ND(0.0058)	ND(0.0058)	ND(0.0048)

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Table 5a. Soil-Gas Analytical Results for Near-Slab Samples Summary Table, Constituents Commonly Found in Gasoline , Chevron Cincinnati Facility, Hooven, Ohio.

Near-Slab Sample ID	Date	TO-15 Dilution Factor	1,2-Dibromoethane (mg/m³)	MTBE (mg/m³)	4-Ethyltoluene (mg/m³)	1,3-Butadiene (mg/m³)
ADA1-NS1 (5)	04/06/05	2.33	ND(0.009)	ND(0.0042)	ND(0.0057)	ND(0.0026)
ADA1-NS1 (10)	04/06/05	2.76	ND(0.011)	ND(0.005)	ND(0.0068)	ND(0.003)
ADA1-NS1 (10) Dup	04/06/05	2.47	ND(0.0095)	ND(0.0044)	ND(0.0061)	ND(0.0027)
CHI10-NS1 (5)	04/12/05	2.64	ND(0.01)	ND(0.0048)	ND(0.0065)	ND(0.0029)
CHI10-NS1 (10)	04/12/05	2.58	ND(0.0099)	ND(0.0046)	ND(0.0063)	ND(0.0028)
CHI1-NS1 (5)	04/08/05	2.47	ND(0.0095)	ND(0.0044)	ND(0.0061)	ND(0.0027)
CHI1-NS1 (10)	04/08/05	2.29	ND(0.0088)	ND(0.0041)	ND(0.0056)	ND(0.0025)
CHI1-NS2 (5)	04/08/05	2.58	ND(0.0099)	ND(0.0046)	ND(0.0063)	ND(0.0028)
CHI1-NS2 (10)	04/08/05	2.42	ND(0.0093)	ND(0.0044)	ND(0.0059)	ND(0.0027)
CHI1-NS3 (5)	04/08/05	2.42	ND(0.0093)	ND(0.0044)	ND(0.0059)	ND(0.0027)
CHI1-NS3 (10)	04/08/05	2.47	ND(0.0095)	ND(0.0044)	ND(0.0061)	ND(0.0027)
CHI1-NS4 (5)	04/08/05	2.53	ND(0.0097)	ND(0.0046)	ND(0.0062)	ND(0.0028)
CHI1-NS4 (10)	04/08/05	2.47	ND(0.0095)	ND(0.0044)	ND(0.0061)	ND(0.0027)
CHI2-NS1 (5)	04/08/05	2.13	ND(0.0082)	0.012	ND(0.0052)	ND(0.0024)
CHI2-NS1 (10)	04/08/05	4.66	ND(0.018)	ND(0.0084)	ND(0.011)	ND(0.0052)
CHI3-NS1 (5)	04/11/05	2.64	ND(0.01)	ND(0.0048)J	ND(0.0065)	ND(0.0029)
CHI3-NS1 (10)	04/11/05	2.53	ND(0.0097)	ND(0.0046)J	ND(0.0062)	ND(0.0028)
CHI3-NS1 (10) Dup	04/11/05	2.53	ND(0.0097)	ND(0.0046)J	ND(0.0062)	ND(0.0028)
CHI4-NS1 (5)	04/08/05	2.29	ND(0.0088)	ND(0.0041)	ND(0.0056)	ND(0.0025)
CHI4-NS1 (10)	04/08/05	2.24	ND(0.0086)	ND(0.004)	ND(0.0055)	ND(0.0025)
CHI5-NS1 (5)	04/08/05	2.58	ND(0.0099)	ND(0.0046)	ND(0.0063)	ND(0.0028)
CHI5-NS1 (10)	04/08/05	2.47	ND(0.0095)	ND(0.0044)	ND(0.0061)	ND(0.0027)
CHI6-NS1 (5)	04/08/05	2.47	ND(0.0095)	0.019	ND(0.0061)	ND(0.0027)
CHI6-NS1 (10)	04/08/05	2.53	ND(0.0097)	0.016	ND(0.0062)	ND(0.0028)
CHI8-NS1 (10)	04/09/05	2.38	ND(0.0091)	ND(0.0043)J	ND(0.0058)	ND(0.0026)
CHI8-NS2 (5)	04/09/05	2.89	ND(0.011)	ND(0.0052)J	0.0099	ND(0.0032)
CHI8-NS2 (10)	04/09/05	2.82	ND(0.011)	ND(0.0051)J	ND(0.0069)	ND(0.0031)
CHI9-NS1 (5)	04/11/05	2.38	ND(0.0091)	ND(0.0043)J	ND(0.0058)	ND(0.0026)
CHI9-NS1 (10)	04/11/05	2.47	ND(0.0095)	ND(0.0044)J	ND(0.0061)	ND(0.0027)
HOO1-NS1 (5)	04/06/05	2.29	ND(0.0088)	ND(0.0041)	ND(0.0056)	ND(0.0025)
HOO1-NS1 (10)	04/06/05	2.47	ND(0.0095)	0.14	ND(0.0061)	ND(0.0027)
HOO2-NS1 (5)	04/12/05	2.42	ND(0.0093)	ND(0.0044)	ND(0.0059)	ND(0.0027)
HOO2-NS1 (10)	04/12/05	2.69	ND(0.01)	ND(0.0048)	ND(0.0066)	ND(0.003)
HOO2-NS1 (10) Dup	04/12/05	2.47	ND(0.0095)	ND(0.0044)	ND(0.0061)	ND(0.0027)
HOO3-NS1 (5)	04/13/05	2.16	ND(0.0083)	ND(0.0039)	ND(0.0053)	ND(0.0024)
HOO3-NS1 (10)	04/13/05	2.29	ND(0.0088)	ND(0.0041)	ND(0.0056)	ND(0.0025)

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Table 5a. Soil-Gas Analytical Results for Near-Slab Samples Summary Table, Constituents Commonly Found in Gasoline , Chevron Cincinnati Facility, Hooven, Ohio.

Near-Slab Sample ID	Date	TO-15 Dilution Factor	1,2-Dibromoethane (mg/m³)	MTBE (mg/m³)	4-Ethyltoluene (mg/m³)	1,3-Butadiene (mg/m³)
HOO4-NS1 (5)	04/06/05	2.64	ND(0.01)	ND(0.0048)	ND(0.0065)	ND(0.0029)
HOO4-NS1 (10)	04/06/05	2.58	ND(0.0099)	ND(0.0046)	ND(0.0063)	ND(0.0028)
HOO5-NS1 (5)	04/07/05	2.96	ND(0.011)	ND(0.0053)	ND(0.0073)	ND(0.0033)
HOO5-NS1 (5) Dup	04/07/05	2.96	ND(0.011)	ND(0.0053)	ND(0.0073)	ND(0.0033)
HOO5-NS1 (10)	04/07/05	2.76	ND(0.011)	ND(0.005)	ND(0.0068)	ND(0.003)
HOO8-NS1 (5)	04/13/05	2.38	ND(0.0091)	ND(0.0043)	ND(0.0058)	ND(0.0026)
HOO8-NS1 (10)	04/13/05	2.53	ND(0.0097)	ND(0.0046)	ND(0.0062)	ND(0.0028)
HOO12-NS1 (5)	04/12/05	2.38	ND(0.0091)	ND(0.0043)	ND(0.0058)	ND(0.0026)
HOO12-NS1 (10)	04/12/05	2.29	ND(0.0088)	ND(0.0041)	ND(0.0056)	ND(0.0025)
HOO12-NS1 (10) Dup	04/12/05	2.24	ND(0.0086)	ND(0.004)	ND(0.0055)	ND(0.0025)
HOO15-NS1 (5)	04/06/05	2.58	ND(0.0099)	ND(0.0046)	0.015	ND(0.0028)
HOO15-NS1 (10)	04/06/05	2.58	ND(0.0099)	ND(0.0046)	ND(0.0063)	ND(0.0028)
HOO16-NS1 (5)	04/12/05	2.33	ND(0.009)	ND(0.0042)	ND(0.0057)	ND(0.0026)
HOO16-NS1 (10)	04/12/05	2.47	ND(0.0095)	ND(0.0044)	ND(0.0061)	ND(0.0027)
HOO17-NS1 (5)	04/13/05	4.32	ND(0.016)	ND(0.0078)	ND(0.011)	ND(0.0048)
HOO17-NS1 (10)	04/13/05	2.24	ND(0.0086)	ND(0.004)	ND(0.0055)	ND(0.0025)
HOO18-NS1 (5)	04/15/05	2.29	ND(0.0088)	ND(0.0041)	ND(0.0056)	ND(0.0025)
HOO18-NS1 (10)	04/15/05	2.29	ND(0.0088)	ND(0.0041)	ND(0.0056)	ND(0.0025)
HOO19-NS1 (5)	04/13/05	2.38	ND(0.0091)	ND(0.0043)	ND(0.0058)	ND(0.0026)
HOO19-NS1 (5) Dup	04/13/05	2.69	ND(0.01)	ND(0.0048)	ND(0.0066)	ND(0.003)
HOO19-NS1 (10)	04/13/05	2.47	ND(0.0095)	ND(0.0044)	ND(0.0061)	ND(0.0027)
HOO20-NS1 (5)	04/13/05	2.09	ND(0.008)	ND(0.0038)	ND(0.0051)	ND(0.0023)
HOO20-NS1 (10)	04/13/05	2.09	ND(0.008)	ND(0.0038)	ND(0.0051)	ND(0.0023)
JEF1-NS1 (5)	04/06/05	2.38	ND(0.0091)	ND(0.0043)	ND(0.0058)	ND(0.0026)
JEF1-NS1 (5) Dup	04/06/05	2.24	ND(0.0086)	ND(0.004)	ND(0.0055)	0.0026
JEF1-NS1 (10)	04/06/05	2.89	ND(0.011)	ND(0.0052)	0.0085	ND(0.0032)
JEF2-NS1 (5)	04/14/05	2.33	ND(0.009)	ND(0.0042)	ND(0.0057)	ND(0.0026)
JEF2-NS1 (10)	04/14/05	2.42	ND(0.0093)	ND(0.0044)	0.0092	ND(0.0027)
MON2-NS2 (10)	04/04/05	2.76	ND(0.011)	ND(0.005)	ND(0.0068)	ND(0.003)
MON2-NS3 (10)	04/04/05	2.47	ND(0.0095)	ND(0.0044)	ND(0.0061)	ND(0.0027)
MON2-NS3 (10) Dup	04/04/05	2.53	ND(0.0097)	ND(0.0046)	ND(0.0062)	ND(0.0028)
MON2-NS4 (10)	04/04/05	2.64	ND(0.01)	ND(0.0048)	ND(0.0065)	ND(0.0029)
MON3-NS1 (10)	04/05/05	2.76	ND(0.011)	ND(0.005)	ND(0.0068)	ND(0.003)
OHI2-NS1 (5)	04/06/05	2.76	ND(0.011)	ND(0.005)	ND(0.0068)	ND(0.003)
OHI2-NS1 (5) Dup	04/06/05	2.53	ND(0.0097)	ND(0.0046)	ND(0.0062)	ND(0.0028)
OHI2-NS1 (10)	04/06/05	2.42	ND(0.0093)	ND(0.0044)	ND(0.0059)	ND(0.0027)

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Table 5a. Soil-Gas Analytical Results for Near-Slab Samples Summary Table, Constituents Commonly Found in Gasoline , Chevron Cincinnati Facility, Hooven, Ohio.

Near-Slab Sample ID	Date	TO-15 Dilution Factor	1,2-Dibromoethane (mg/m³)	MTBE (mg/m³)	4-Ethyltoluene (mg/m³)	1,3-Butadiene (mg/m³)
OHI3-NS1 (5)	04/14/05	2.53	ND(0.0097)	ND(0.0046)	0.013	ND(0.0028)
OHI3-NS1 (10)	04/14/05	2.58	ND(0.0099)	ND(0.0046)	ND(0.0063)	ND(0.0028)
OHI5-NS1 (5)	04/06/05	2.33	ND(0.009)	ND(0.0042)	ND(0.0057)	ND(0.0026)
OHI5-NS1 (10)	04/06/05	2.53	ND(0.0097)	ND(0.0046)	ND(0.0062)	ND(0.0028)
OHI6-NS1 (5)	04/06/05	2.38	ND(0.0091)	0.1	ND(0.0058)	ND(0.0026)
OHI6-NS1 (10)	04/06/05	2.38	ND(0.0091)	0.093	ND(0.0058)	ND(0.0026)
OHI7-NS1 (5)	04/11/05	2.47	ND(0.0095)	ND(0.0044)J	ND(0.0061)	ND(0.0027)
OHI7-NS1 (5) Dup	04/11/05	2.53	ND(0.0097)	ND(0.0046)J	ND(0.0062)	ND(0.0028)
OHI7-NS1 (10)	04/11/05	2.96	ND(0.011)	ND(0.0053)J	ND(0.0073)	ND(0.0033)
OHI8-NS1 (5)	04/13/05	2.42	ND(0.0093)	ND(0.0044)	ND(0.0059)	ND(0.0027)
OHI8-NS1 (10)	04/13/05	2.24	ND(0.0086)	ND(0.004)	ND(0.0055)	ND(0.0025)
OHI9-NS1 (5)	04/15/05	2.58	ND(0.0099)	ND(0.0046)	ND(0.0063)	ND(0.0028)
OHI9-NS1 (10)	04/15/05	2.29	ND(0.0088)	ND(0.0041)	0.0087	ND(0.0025)
WAS1-NS1 (5)	04/07/05	2.89	ND(0.011)	ND(0.0052)	0.018	ND(0.0032)
WAS1-NS1 (10)	04/07/05	2.76	ND(0.011)	ND(0.005)	ND(0.0068)	ND(0.003)
WAS2-NS1 (5)	04/06/05	2.96	ND(0.011)	ND(0.0053)	0.0083	ND(0.0033)
WAS2-NS1 (10)	04/06/05	2.38	ND(0.0091)	ND(0.0043)	ND(0.0058)	ND(0.0026)

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Table 5b. Soil-Gas Analytical Results for Near-Slab Samples Summary Table, Solvents, Chevron Cincinnati Facility, Hooven, Ohio.

Near-Slab Sample ID	Date	TO-15 Dilution Factor	Acetone (mg/m³)	2-Butanone (mg/m³)	Carbon tetrachloride (mg/m³)	Chlorobenzene (mg/m³)	1,1-Dichloroethane (mg/m³)	1,1-Dichloroethene (mg/m³)	cis-1,2-Dichloroethene (mg/m³)	trans-1,2-Dichloroethene (mg/m³)
ADA1-NS1 (5)	04/06/05	2.33	0.12	ND(0.0034)	ND(0.0073)	ND(0.0054)	ND(0.0047)	ND(0.0046)	ND(0.0046)	ND(0.0046)
ADA1-NS1 (10)	04/06/05	2.76	0.083	ND(0.0041)	ND(0.0087)	ND(0.0064)	ND(0.0056)	ND(0.0055)	ND(0.0055)	ND(0.0055)
ADA1-NS1 (10) Dup	04/06/05	2.47	0.1	0.0045	ND(0.0078)	ND(0.0057)	ND(0.005)	ND(0.0049)	ND(0.0049)	ND(0.0049)
CHI10-NS1 (5)	04/12/05	2.64	ND(0.012)	ND(0.0039)	ND(0.0083)	ND(0.0061)	ND(0.0053)	ND(0.0052)	ND(0.0052)	ND(0.0052)
CHI10-NS1 (10)	04/12/05	2.58	ND(0.012)	0.006	ND(0.0081)	ND(0.0059)	ND(0.0052)	ND(0.0051)	ND(0.0051)	ND(0.0051)
CHI1-NS1 (5)	04/08/05	2.47	ND(0.012)	ND(0.0036)	ND(0.0078)	ND(0.0057)	ND(0.005)	ND(0.0049)	ND(0.0049)	ND(0.0049)
CHI1-NS1 (10)	04/08/05	2.29	0.023	0.004	ND(0.0072)	ND(0.0053)	ND(0.0046)	ND(0.0045)	ND(0.0045)	ND(0.0045)
CHI1-NS2 (5)	04/08/05	2.58	0.018	ND(0.0038)	ND(0.0081)	ND(0.0059)	ND(0.0052)	ND(0.0051)	ND(0.0051)	ND(0.0051)
CHI1-NS2 (10)	04/08/05	2.42	0.044	0.0038	ND(0.0076)	ND(0.0056)	ND(0.0049)	ND(0.0048)	ND(0.0048)	ND(0.0048)
CHI1-NS3 (5)	04/08/05	2.42	0.018	ND(0.0036)	ND(0.0076)	ND(0.0056)	ND(0.0049)	ND(0.0048)	ND(0.0048)	ND(0.0048)
CHI1-NS3 (10)	04/08/05	2.47	0.012	ND(0.0036)	ND(0.0078)	ND(0.0057)	ND(0.005)	ND(0.0049)	ND(0.0049)	ND(0.0049)
CHI1-NS4 (5)	04/08/05	2.53	0.028	0.0056	ND(0.008)	ND(0.0058)	ND(0.0051)	ND(0.005)	ND(0.005)	ND(0.005)
CHI1-NS4 (10)	04/08/05	2.47	0.026	ND(0.0036)	ND(0.0078)	ND(0.0057)	ND(0.005)	ND(0.0049)	ND(0.0049)	ND(0.0049)
CHI2-NS1 (5)	04/08/05	2.13	0.012	ND(0.0031)	ND(0.0067)	ND(0.0049)	ND(0.0043)	ND(0.0042)	ND(0.0042)	ND(0.0042)
CHI2-NS1 (10)	04/08/05	4.66	0.024	ND(0.0069)	ND(0.015)	ND(0.011)	ND(0.0094)	ND(0.0092)	ND(0.0092)	ND(0.0092)
CHI3-NS1 (5)	04/11/05	2.64	0.012 J	ND(0.0039)	ND(0.0083)	ND(0.0061)	ND(0.0053)	ND(0.0052)	ND(0.0052)	ND(0.0052)
CHI3-NS1 (10)	04/11/05	2.53	0.012 J	ND(0.0037)	ND(0.008)	ND(0.0058)	ND(0.0051)	ND(0.005)	ND(0.005)	ND(0.005)
CHI3-NS1 (10) Dup	04/11/05	2.53	0.013	0.0042	ND(0.008)	ND(0.0058)	ND(0.0051)	ND(0.005)	ND(0.005)	ND(0.005)
CHI4-NS1 (5)	04/08/05	2.29	0.027	0.0037	ND(0.0072)	ND(0.0053)	ND(0.0046)	ND(0.0045)	ND(0.0045)	ND(0.0045)
CHI4-NS1 (10)	04/08/05	2.24	0.054	0.0052	ND(0.007)	ND(0.0052)	ND(0.0045)	ND(0.0044)	ND(0.0044)	ND(0.0044)
CHI5-NS1 (5)	04/08/05	2.58	ND(0.012)	ND(0.0038)	ND(0.0081)	ND(0.0059)	ND(0.0052)	ND(0.0051)	ND(0.0051)	ND(0.0051)
CHI5-NS1 (10)	04/08/05	2.47	ND(0.012)	ND(0.0036)	ND(0.0078)	ND(0.0057)	ND(0.005)	ND(0.0049)	ND(0.0049)	ND(0.0049)
CHI6-NS1 (5)	04/08/05	2.47	0.022	0.0059	ND(0.0078)	ND(0.0057)	ND(0.005)	ND(0.0049)	ND(0.0049)	ND(0.0049)
CHI6-NS1 (10)	04/08/05	2.53	0.027	0.0068	ND(0.008)	ND(0.0058)	ND(0.0051)	ND(0.005)	ND(0.005)	ND(0.005)
CHI8-NS1 (10)	04/09/05	2.38	0.012	ND(0.0035)	ND(0.0075)	ND(0.0055)	ND(0.0048)	ND(0.0047)	ND(0.0047)	ND(0.0047)
CHI8-NS2 (5)	04/09/05	2.89	ND(0.014)	ND(0.0043)	ND(0.0091)	ND(0.0066)	ND(0.0058)	ND(0.0057)	ND(0.0057)	ND(0.0057)
CHI8-NS2 (10)	04/09/05	2.82	ND(0.013)	ND(0.0042)	ND(0.0089)	ND(0.0065)	ND(0.0057)	ND(0.0056)	ND(0.0056)	ND(0.0056)
CHI9-NS1 (5)	04/11/05	2.38	0.011	ND(0.0035)	ND(0.0075)	ND(0.0055)	ND(0.0048)	ND(0.0047)	ND(0.0047)	ND(0.0047)
CHI9-NS1 (10)	04/11/05	2.47	ND(0.012)	ND(0.0036)	ND(0.0078)	ND(0.0057)	ND(0.005)	ND(0.0049)	ND(0.0049)	ND(0.0049)
HOO1-NS1 (5)	04/06/05	2.29	ND(0.011)	ND(0.0034)	ND(0.0072)	ND(0.0053)	ND(0.0046)	ND(0.0045)	ND(0.0045)	ND(0.0045)
HOO1-NS1 (10)	04/06/05	2.47	0.044	ND(0.0036)	ND(0.0078)	ND(0.0057)	ND(0.005)	ND(0.0049)	ND(0.0049)	ND(0.0049)
HOO2-NS1 (5)	04/12/05	2.42	ND(0.011)	0.0047	ND(0.0076)	ND(0.0056)	ND(0.0049)	ND(0.0048)	ND(0.0048)	ND(0.0048)
HOO2-NS1 (10)	04/12/05	2.69	ND(0.013)	ND(0.004)	ND(0.0085)	ND(0.0062)	ND(0.0054)	ND(0.0053)	ND(0.0053)	ND(0.0053)
HOO2-NS1 (10) Dup	04/12/05	2.47	0.013	ND(0.0036)	ND(0.0078)	ND(0.0057)	ND(0.005)	ND(0.0049)	ND(0.0049)	ND(0.0049)
HOO3-NS1 (5)	04/13/05	2.16	0.017	ND(0.0032)	ND(0.0068)	ND(0.005)	ND(0.0044)	ND(0.0043)	ND(0.0043)	ND(0.0043)
HOO3-NS1 (10)	04/13/05	2.29	0.012	ND(0.0034)	ND(0.0072)	ND(0.0053)	ND(0.0046)	ND(0.0045)	ND(0.0045)	ND(0.0045)

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Table 5b. Soil-Gas Analytical Results for Near-Slab Samples Summary Table, Solvents, Chevron Cincinnati Facility, Hooven, Ohio.

Near-Slab Sample ID	Date	TO-15 Dilution Factor	Acetone (mg/m³)	2-Butanone (mg/m³)	Carbon tetrachloride (mg/m³)	Chlorobenzene (mg/m³)	1,1-Dichloroethane (mg/m³)	1,1-Dichloroethene (mg/m³)	cis-1,2-Dichloroethene (mg/m³)	trans-1,2-Dichloroethene (mg/m³)
HOO4-NS1 (5)	04/06/05	2.64	0.035	0.0058	ND(0.0083)	ND(0.0061)	ND(0.0053)	ND(0.0052)	ND(0.0052)	ND(0.0052)
HOO4-NS1 (10)	04/06/05	2.58	0.038	0.0098	ND(0.0081)	ND(0.0059)	ND(0.0052)	ND(0.0051)	ND(0.0051)	ND(0.0051)
HOO5-NS1 (5)	04/07/05	2.96	0.017	ND(0.0044)	ND(0.0093)	ND(0.0068)	ND(0.006)	ND(0.0059)	ND(0.0059)	ND(0.0059)
HOO5-NS1 (5) Dup	04/07/05	2.96	0.027	0.0065	ND(0.0093)	ND(0.0068)	ND(0.006)	ND(0.0059)	ND(0.0059)	ND(0.0059)
HOO5-NS1 (10)	04/07/05	2.76	0.07	0.012	ND(0.0087)	ND(0.0064)	ND(0.0056)	ND(0.0055)	ND(0.0055)	ND(0.0055)
HOO8-NS1 (5)	04/13/05	2.38	0.12	0.0061	ND(0.0075)	ND(0.0055)	ND(0.0048)	ND(0.0047)	ND(0.0047)	ND(0.0047)
HOO8-NS1 (10)	04/13/05	2.53	ND(0.012)	ND(0.0037)	ND(0.008)	ND(0.0058)	ND(0.0051)	ND(0.005)	ND(0.005)	ND(0.005)
HOO12-NS1 (5)	04/12/05	2.38	0.015	0.0036	ND(0.0075)	ND(0.0055)	ND(0.0048)	ND(0.0047)	ND(0.0047)	ND(0.0047)
HOO12-NS1 (10)	04/12/05	2.29	0.012	ND(0.0034)	ND(0.0072)	ND(0.0053)	ND(0.0046)	ND(0.0045)	ND(0.0045)	ND(0.0045)
HOO12-NS1 (10) Dup	04/12/05	2.24	ND(0.011)	ND(0.0033)	ND(0.007)	ND(0.0052)	ND(0.0045)	ND(0.0044)	ND(0.0044)	ND(0.0044)
HOO15-NS1 (5)	04/06/05	2.58	ND(0.012)	ND(0.0038)	ND(0.0081)	ND(0.0059)	ND(0.0052)	ND(0.0051)	ND(0.0051)	ND(0.0051)
HOO15-NS1 (10)	04/06/05	2.58	ND(0.012)	ND(0.0038)	ND(0.0081)	ND(0.0059)	ND(0.0052)	ND(0.0051)	ND(0.0051)	ND(0.0051)
HOO16-NS1 (5)	04/12/05	2.33	ND(0.011)	ND(0.0034)	ND(0.0073)	ND(0.0054)	ND(0.0047)	ND(0.0046)	ND(0.0046)	ND(0.0046)
HOO16-NS1 (10)	04/12/05	2.47	0.013	0.0047	ND(0.0078)	ND(0.0057)	ND(0.005)	ND(0.0049)	ND(0.0049)	ND(0.0049)
HOO17-NS1 (5)	04/13/05	4.32	ND(0.02)	ND(0.0064)	ND(0.014)	ND(0.0099)	ND(0.0087)	ND(0.0086)	ND(0.0086)	ND(0.0086)
HOO17-NS1 (10)	04/13/05	2.24	ND(0.011)	0.0038 J	ND(0.007)	ND(0.0052)	ND(0.0045)	ND(0.0044)	ND(0.0044)	ND(0.0044)
HOO18-NS1 (5)	04/15/05	2.29	0.018	0.0041	ND(0.0072)	ND(0.0053)	ND(0.0046)	ND(0.0045)	ND(0.0045)	ND(0.0045)
HOO18-NS1 (10)	04/15/05	2.29	1.3 E	0.016	ND(0.0072)	ND(0.0053)	ND(0.0046)	ND(0.0045)	ND(0.0045)	ND(0.0045)
HOO19-NS1 (5)	04/13/05	2.38	0.019	0.0042	ND(0.0075)	ND(0.0055)	ND(0.0048)	ND(0.0047)	ND(0.0047)	ND(0.0047)
HOO19-NS1 (5) Dup	04/13/05	2.69	0.014	0.004	ND(0.0085)	ND(0.0062)	ND(0.0054)	ND(0.0053)	ND(0.0053)	ND(0.0053)
HOO19-NS1 (10)	04/13/05	2.47	0.036	0.016	ND(0.0078)	ND(0.0057)	ND(0.005)	ND(0.0049)	ND(0.0049)	ND(0.0049)
HOO20-NS1 (5)	04/13/05	2.09	0.012	ND(0.0031)	ND(0.0066)	ND(0.0048)	ND(0.0042)	ND(0.0041)	ND(0.0041)	ND(0.0041)
HOO20-NS1 (10)	04/13/05	2.09	ND(0.0099)	ND(0.0031)	ND(0.0066)	ND(0.0048)	ND(0.0042)	ND(0.0041)	ND(0.0041)	ND(0.0041)
JEF1-NS1 (5)	04/06/05	2.38	0.11	ND(0.0035)	ND(0.0075)	ND(0.0055)	ND(0.0048)	ND(0.0047)	ND(0.0047)	ND(0.0047)
JEF1-NS1 (5) Dup	04/06/05	2.24	0.11	ND(0.0033)	ND(0.007)	ND(0.0052)	ND(0.0045)	ND(0.0044)	ND(0.0044)	ND(0.0044)
JEF1-NS1 (10)	04/06/05	2.89	0.38	ND(0.0043)	ND(0.0091)	ND(0.0066)	ND(0.0058)	ND(0.0057)	ND(0.0057)	ND(0.0057)
JEF2-NS1 (5)	04/14/05	2.33	ND(0.011)	ND(0.0034)	ND(0.0073)	ND(0.0054)	ND(0.0047)	ND(0.0046)	ND(0.0046)	ND(0.0046)
JEF2-NS1 (10)	04/14/05	2.42	0.014	0.0053	ND(0.0076)	ND(0.0056)	ND(0.0049)	ND(0.0048)	ND(0.0048)	ND(0.0048)
MON2-NS2 (10)	04/04/05	2.76	0.015	ND(0.0041)J	ND(0.0087)	ND(0.0064)	ND(0.0056)	ND(0.0055)	ND(0.0055)	ND(0.0055)
MON2-NS3 (10)	04/04/05	2.47	0.028	0.0062	ND(0.0078)	ND(0.0057)	ND(0.005)	ND(0.0049)	ND(0.0049)	ND(0.0049)
MON2-NS3 (10) Dup	04/04/05	2.53	0.03	0.0063	ND(0.008)	ND(0.0058)	ND(0.0051)	ND(0.005)	ND(0.005)	ND(0.005)
MON2-NS4 (10)	04/04/05	2.64	0.025	ND(0.0039)	ND(0.0083)	ND(0.0061)	ND(0.0053)	ND(0.0052)	ND(0.0052)	ND(0.0052)
MON3-NS1 (10)	04/05/05	2.76	0.025	ND(0.0041)	ND(0.0087)	ND(0.0064)	ND(0.0056)	ND(0.0055)	ND(0.0055)	ND(0.0055)
OHI2-NS1 (5)	04/06/05	2.76	0.026	0.0082	ND(0.0087)	ND(0.0064)	ND(0.0056)	ND(0.0055)	ND(0.0055)	ND(0.0055)
OHI2-NS1 (5) Dup	04/06/05	2.53	ND(0.012)	ND(0.0037)	ND(0.008)	ND(0.0058)	ND(0.0051)	ND(0.005)	ND(0.005)	ND(0.005)
OHI2-NS1 (10)	04/06/05	2.42	0.014	ND(0.0036)	ND(0.0076)	ND(0.0056)	ND(0.0049)	ND(0.0048)	ND(0.0048)	ND(0.0048)

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Table 5b. Soil-Gas Analytical Results for Near-Slab Samples Summary Table, Solvents, Chevron Cincinnati Facility, Hooven, Ohio.

Near-Slab Sample ID	Date	TO-15 Dilution Factor	Acetone (mg/m³)	2-Butanone (mg/m³)	Carbon tetrachloride (mg/m³)	Chlorobenzene (mg/m³)	1,1-Dichloroethane (mg/m³)	1,1-Dichloroethene (mg/m³)	cis-1,2-Dichloroethene (mg/m³)	trans-1,2-Dichloroethene (mg/m³)
OHI3-NS1 (5)	04/14/05	2.53	0.047	0.11	ND(0.008)	ND(0.0058)	ND(0.0051)	ND(0.005)	ND(0.005)	ND(0.005)
OHI3-NS1 (10)	04/14/05	2.58	ND(0.012)	ND(0.0038)	ND(0.0081)	ND(0.0059)	ND(0.0052)	ND(0.0051)	ND(0.0051)	ND(0.0051)
OHI5-NS1 (5)	04/06/05	2.33	0.031	ND(0.0034)	ND(0.0073)	ND(0.0054)	ND(0.0047)	ND(0.0046)	ND(0.0046)	ND(0.0046)
OHI5-NS1 (10)	04/06/05	2.53	0.089	ND(0.0037)	ND(0.008)	ND(0.0058)	ND(0.0051)	ND(0.005)	ND(0.005)	ND(0.005)
OHI6-NS1 (5)	04/06/05	2.38	0.016	0.0036	ND(0.0075)	ND(0.0055)	ND(0.0048)	ND(0.0047)	ND(0.0047)	ND(0.0047)
OHI6-NS1 (10)	04/06/05	2.38	0.029	0.005	ND(0.0075)	ND(0.0055)	ND(0.0048)	ND(0.0047)	ND(0.0047)	ND(0.0047)
OHI7-NS1 (5)	04/11/05	2.47	ND(0.012)	0.0045	ND(0.0078)	ND(0.0057)	ND(0.005)	ND(0.0049)	ND(0.0049)	ND(0.0049)
OHI7-NS1 (5) Dup	04/11/05	2.53	ND(0.012)	0.005	ND(0.008)	ND(0.0058)	ND(0.0051)	ND(0.005)	ND(0.005)	ND(0.005)
OHI7-NS1 (10)	04/11/05	2.96	ND(0.014)	ND(0.0044)	ND(0.0093)	ND(0.0068)	ND(0.006)	ND(0.0059)	ND(0.0059)	ND(0.0059)
OHI8-NS1 (5)	04/13/05	2.42	ND(0.011)	ND(0.0036)	ND(0.0076)	ND(0.0056)	ND(0.0049)	ND(0.0048)	ND(0.0048)	ND(0.0048)
OHI8-NS1 (10)	04/13/05	2.24	0.2	0.087	ND(0.007)	ND(0.0052)	ND(0.0045)	ND(0.0044)	ND(0.0044)	ND(0.0044)
OHI9-NS1 (5)	04/15/05	2.58	0.014	ND(0.0038)	ND(0.0081)	ND(0.0059)	ND(0.0052)	ND(0.0051)	ND(0.0051)	ND(0.0051)
OHI9-NS1 (10)	04/15/05	2.29	0.017	ND(0.0034)	ND(0.0072)	ND(0.0053)	ND(0.0046)	ND(0.0045)	ND(0.0045)	ND(0.0045)
WAS1-NS1 (5)	04/07/05	2.89	0.025	ND(0.0043)	ND(0.0091)	ND(0.0066)	ND(0.0058)	ND(0.0057)	ND(0.0057)	ND(0.0057)
WAS1-NS1 (10)	04/07/05	2.76	0.028	0.0068	ND(0.0087)	ND(0.0064)	ND(0.0056)	ND(0.0055)	ND(0.0055)	ND(0.0055)
WAS2-NS1 (5)	04/06/05	2.96	0.018	ND(0.0044)	0.066	ND(0.0068)	ND(0.006)	ND(0.0059)	ND(0.0059)	ND(0.0059)
WAS2-NS1 (10)	04/06/05	2.38	ND(0.011)	ND(0.0035)	ND(0.0075)	ND(0.0055)	ND(0.0048)	ND(0.0047)	ND(0.0047)	ND(0.0047)

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Table 5b. Soil-Gas Analytical Results for Near-Slab Samples Summary Table, Solvents, Chevron Cincinnati Facility, Hooven, Ohio.

Near-Slab Sample ID	Date	TO-15 Dilution Factor	1,4-Dioxane (mg/m³)	Hexachlorobutadiene (mg/m³)	2-Hexanone (mg/m³)	Isopropanol (mg/m³)	4-Methyl-2-Pentanone (mg/m³)	Methylene Chloride (mg/m³)	1,1,2,2-Tetrachloroethane (mg/m³)	Tetrachloroethene (mg/m³)
ADA1-NS1 (5)	04/06/05	2.33	ND(0.017)	ND(0.05)	ND(0.019)	ND(0.011)	ND(0.0048)	ND(0.004)	ND(0.008)	ND(0.0079)
ADA1-NS1 (10)	04/06/05	2.76	ND(0.02)	ND(0.059)	ND(0.023)	ND(0.014)	ND(0.0056)	0.014	ND(0.0095)	ND(0.0094)
ADA1-NS1 (10) Dup	04/06/05	2.47	ND(0.018)	ND(0.053)	ND(0.02)	ND(0.012)	ND(0.005)	ND(0.0043)	ND(0.0085)	ND(0.0084)
CHI10-NS1 (5)	04/12/05	2.64	ND(0.019)	ND(0.056)J	ND(0.022)	ND(0.013)	ND(0.0054)	ND(0.0046)	ND(0.0091)	ND(0.009)
CHI10-NS1 (10)	04/12/05	2.58	ND(0.018)	ND(0.055)	ND(0.021)	ND(0.013)	ND(0.0053)	ND(0.0045)	ND(0.0088)	ND(0.0088)
CHI1-NS1 (5)	04/08/05	2.47	ND(0.018)	ND(0.053)	ND(0.02)	ND(0.012)	ND(0.005)	ND(0.0043)	ND(0.0085)	ND(0.0084)
CHI1-NS1 (10)	04/08/05	2.29	ND(0.016)	ND(0.049)	ND(0.019)	ND(0.011)	ND(0.0047)	ND(0.004)	ND(0.0079)	ND(0.0078)
CHI1-NS2 (5)	04/08/05	2.58	ND(0.018)	ND(0.055)	ND(0.021)	ND(0.013)	ND(0.0053)	ND(0.0045)	ND(0.0088)	ND(0.0088)
CHI1-NS2 (10)	04/08/05	2.42	ND(0.017)	ND(0.052)	ND(0.02)	ND(0.012)	ND(0.005)	ND(0.0042)	ND(0.0083)	ND(0.0082)
CHI1-NS3 (5)	04/08/05	2.42	ND(0.017)	ND(0.052)	ND(0.02)	ND(0.012)	ND(0.005)	ND(0.0042)	ND(0.0083)	ND(0.0082)
CHI1-NS3 (10)	04/08/05	2.47	ND(0.018)	ND(0.053)	ND(0.02)	ND(0.012)	ND(0.005)	ND(0.0043)	ND(0.0085)	ND(0.0084)
CHI1-NS4 (5)	04/08/05	2.53	ND(0.018)	ND(0.054)	ND(0.021)	ND(0.012)	ND(0.0052)	ND(0.0044)	ND(0.0087)	ND(0.0086)
CHI1-NS4 (10)	04/08/05	2.47	ND(0.018)	ND(0.053)	ND(0.02)	ND(0.012)	ND(0.005)	ND(0.0043)	ND(0.0085)	ND(0.0084)
CHI2-NS1 (5)	04/08/05	2.13	ND(0.015)	ND(0.045)	ND(0.017)	ND(0.01)	ND(0.0044)	ND(0.0037)	ND(0.0073)	ND(0.0072)
CHI2-NS1 (10)	04/08/05	4.66	ND(0.034)	ND(0.099)	ND(0.038)	ND(0.023)	ND(0.0095)	ND(0.0081)	ND(0.016)	ND(0.016)
CHI3-NS1 (5)	04/11/05	2.64	ND(0.019)	ND(0.056)	ND(0.022)	ND(0.013)	ND(0.0054)	ND(0.0046)	ND(0.0091)	ND(0.009)J
CHI3-NS1 (10)	04/11/05	2.53	ND(0.018)	ND(0.054)	ND(0.021)	ND(0.012)	ND(0.0052)	ND(0.0044)	ND(0.0087)	ND(0.0086)J
CHI3-NS1 (10) Dup	04/11/05	2.53	ND(0.018)	ND(0.054)	ND(0.021)	ND(0.012)	ND(0.0052)	ND(0.0044)	ND(0.0087)	ND(0.0086)J
CHI4-NS1 (5)	04/08/05	2.29	ND(0.016)	ND(0.049)	ND(0.019)	ND(0.011)	ND(0.0047)	ND(0.004)	ND(0.0079)	ND(0.0078)
CHI4-NS1 (10)	04/08/05	2.24	ND(0.016)	ND(0.048)	ND(0.018)	ND(0.011)	ND(0.0046)	ND(0.0039)	ND(0.0077)	ND(0.0076)
CHI5-NS1 (5)	04/08/05	2.58	ND(0.018)	ND(0.055)	ND(0.021)	ND(0.013)	ND(0.0053)	ND(0.0045)	ND(0.0088)	ND(0.0088)
CHI5-NS1 (10)	04/08/05	2.47	ND(0.018)	ND(0.053)	ND(0.02)	ND(0.012)	ND(0.005)	ND(0.0043)	ND(0.0085)	ND(0.0084)
CHI6-NS1 (5)	04/08/05	2.47	ND(0.018)	ND(0.053)	ND(0.02)	ND(0.012)	ND(0.005)	ND(0.0043)	ND(0.0085)	ND(0.0084)
CHI6-NS1 (10)	04/08/05	2.53	ND(0.018)	ND(0.054)	ND(0.021)	ND(0.012)	ND(0.0052)	ND(0.0044)	ND(0.0087)	ND(0.0086)
CHI8-NS1 (10)	04/09/05	2.38	ND(0.017)	ND(0.051)	ND(0.019)	ND(0.012)	ND(0.0049)	ND(0.0041)	ND(0.0082)	ND(0.0081)J
CHI8-NS2 (5)	04/09/05	2.89	ND(0.021)	ND(0.062)J	ND(0.024)	ND(0.014)	ND(0.0059)	0.05	ND(0.0099)	ND(0.0098)J
CHI8-NS2 (10)	04/09/05	2.82	ND(0.02)	ND(0.06)	ND(0.023)	ND(0.014)	ND(0.0058)	ND(0.0049)	ND(0.0097)	0.16 J
CHI9-NS1 (5)	04/11/05	2.38	ND(0.017)	ND(0.051)	ND(0.019)	ND(0.012)	ND(0.0049)	ND(0.0041)	ND(0.0082)	0.026 J
CHI9-NS1 (10)	04/11/05	2.47	ND(0.018)	ND(0.053)	ND(0.02)	ND(0.012)	ND(0.005)	ND(0.0043)	ND(0.0085)	ND(0.0084)J
HOO1-NS1 (5)	04/06/05	2.29	ND(0.016)	ND(0.049)	ND(0.019)	ND(0.011)	ND(0.0047)	ND(0.004)	ND(0.0079)	ND(0.0078)
HOO1-NS1 (10)	04/06/05	2.47	ND(0.018)	ND(0.053)	ND(0.02)	0.019	ND(0.005)	0.0054	ND(0.0085)	ND(0.0084)
HOO2-NS1 (5)	04/12/05	2.42	ND(0.017)	ND(0.052)	ND(0.02)	ND(0.012)	ND(0.005)	ND(0.0042)	ND(0.0083)	0.013
HOO2-NS1 (10)	04/12/05	2.69	ND(0.019)	ND(0.057)J	ND(0.022)	ND(0.013)	ND(0.0055)	ND(0.0047)	ND(0.0092)	ND(0.0091)
HOO2-NS1 (10) Dup	04/12/05	2.47	ND(0.018)	ND(0.053)J	ND(0.02)	ND(0.012)	ND(0.005)	ND(0.0043)	ND(0.0085)	ND(0.0084)
HOO3-NS1 (5)	04/13/05	2.16	ND(0.016)	ND(0.046)	ND(0.018)	ND(0.011)	ND(0.0044)	ND(0.0038)	ND(0.0074)	ND(0.0073)
HOO3-NS1 (10)	04/13/05	2.29	ND(0.016)	ND(0.049)	ND(0.019)	ND(0.011)	ND(0.0047)	ND(0.004)	ND(0.0079)	ND(0.0078)

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Table 5b. Soil-Gas Analytical Results for Near-Slab Samples Summary Table, Solvents, Chevron Cincinnati Facility, Hooven, Ohio.

Near-Slab Sample ID	Date	TO-15 Dilution Factor	1,4-Dioxane (mg/m³)	Hexachlorobutadiene (mg/m³)	2-Hexanone (mg/m³)	Isopropanol (mg/m³)	4-Methyl-2-Pentanone (mg/m³)	Methylene Chloride (mg/m³)	1,1,2,2-Tetrachloroethane (mg/m³)	Tetrachloroethene (mg/m³)
HOO4-NS1 (5)	04/06/05	2.64	ND(0.019)	ND(0.056)	ND(0.022)	0.013	ND(0.0054)	ND(0.0046)	ND(0.0091)	ND(0.009)
HOO4-NS1 (10)	04/06/05	2.58	ND(0.018)	ND(0.055)	ND(0.021)	ND(0.013)	ND(0.0053)	0.0049	ND(0.0088)	ND(0.0088)
HOO5-NS1 (5)	04/07/05	2.96	ND(0.021)	ND(0.063)	ND(0.024)	ND(0.014)	ND(0.0061)	ND(0.0051)	ND(0.01)	ND(0.01)
HOO5-NS1 (5) Dup	04/07/05	2.96	ND(0.021)	ND(0.063)	ND(0.024)	ND(0.014)	ND(0.0061)	ND(0.0051)	ND(0.01)	ND(0.01)
HOO5-NS1 (10)	04/07/05	2.76	ND(0.02)	ND(0.059)	ND(0.023)	ND(0.014)	ND(0.0056)	ND(0.0048)	ND(0.0095)	ND(0.0094)
HOO8-NS1 (5)	04/13/05	2.38	ND(0.017)	ND(0.051)	ND(0.019)	ND(0.012)	ND(0.0049)	ND(0.0041)	ND(0.0082)	ND(0.0081)
HOO8-NS1 (10)	04/13/05	2.53	ND(0.018)	ND(0.054)	ND(0.021)	ND(0.012)	ND(0.0052)	ND(0.0044)	ND(0.0087)	ND(0.0086)
HOO12-NS1 (5)	04/12/05	2.38	ND(0.017)	ND(0.051)	ND(0.019)	ND(0.012)	ND(0.0049)	ND(0.0041)	ND(0.0082)	ND(0.0081)
HOO12-NS1 (10)	04/12/05	2.29	ND(0.016)	ND(0.049)	ND(0.019)	ND(0.011)	ND(0.0047)	ND(0.004)	ND(0.0079)	ND(0.0078)
HOO12-NS1 (10) Dup	04/12/05	2.24	ND(0.016)	ND(0.048)	ND(0.018)	ND(0.011)	ND(0.0046)	ND(0.0039)	ND(0.0077)	ND(0.0076)
HOO15-NS1 (5)	04/06/05	2.58	ND(0.018)	ND(0.055)	ND(0.021)	ND(0.013)	ND(0.0053)	ND(0.0045)	ND(0.0088)	0.012
HOO15-NS1 (10)	04/06/05	2.58	ND(0.018)	ND(0.055)	ND(0.021)	ND(0.013)	ND(0.0053)	ND(0.0045)	ND(0.0088)	ND(0.0088)
HOO16-NS1 (5)	04/12/05	2.33	ND(0.017)	ND(0.05)	ND(0.019)	ND(0.011)	ND(0.0048)	ND(0.004)	ND(0.008)	ND(0.0079)
HOO16-NS1 (10)	04/12/05	2.47	ND(0.018)	ND(0.053)	ND(0.02)	ND(0.012)	ND(0.005)	ND(0.0043)	ND(0.0085)	ND(0.0084)
HOO17-NS1 (5)	04/13/05	4.32	ND(0.031)	ND(0.092)	ND(0.035)	ND(0.021)	ND(0.0088)	ND(0.0075)	ND(0.015)	ND(0.015)
HOO17-NS1 (10)	04/13/05	2.24	ND(0.016)	ND(0.048)	ND(0.018)	ND(0.011)	ND(0.0046)	ND(0.0039)	ND(0.0077)	ND(0.0076)
HOO18-NS1 (5)	04/15/05	2.29	ND(0.016)	ND(0.049)	ND(0.019)	ND(0.011)	ND(0.0047)	ND(0.004)	ND(0.0079)	ND(0.0078)
HOO18-NS1 (10)	04/15/05	2.29	ND(0.016)	ND(0.049)	ND(0.019)	ND(0.011)	ND(0.0047)	ND(0.004)	ND(0.0079)	ND(0.0078)
HOO19-NS1 (5)	04/13/05	2.38	ND(0.017)	ND(0.051)	ND(0.019)	0.086	ND(0.0049)	0.0075	ND(0.0082)	ND(0.0081)
HOO19-NS1 (5) Dup	04/13/05	2.69	ND(0.019)	ND(0.057)	ND(0.022)	ND(0.013)	ND(0.0055)	0.0073	ND(0.0092)	ND(0.0091)
HOO19-NS1 (10)	04/13/05	2.47	ND(0.018)	ND(0.053)	ND(0.02)	0.028	ND(0.005)	ND(0.0043)	ND(0.0085)	ND(0.0084)
HOO20-NS1 (5)	04/13/05	2.09	ND(0.015)	ND(0.044)	ND(0.017)	ND(0.01)	ND(0.0043)	ND(0.0036)	ND(0.0072)	ND(0.0071)
HOO20-NS1 (10)	04/13/05	2.09	ND(0.015)	ND(0.044)	ND(0.017)	ND(0.01)	ND(0.0043)	ND(0.0036)	ND(0.0072)	ND(0.0071)
JEF1-NS1 (5)	04/06/05	2.38	ND(0.017)	ND(0.051)	ND(0.019)	ND(0.012)	ND(0.0049)	ND(0.0041)	ND(0.0082)	ND(0.0081)
JEF1-NS1 (5) Dup	04/06/05	2.24	ND(0.016)	ND(0.048)	ND(0.018)	ND(0.011)	ND(0.0046)	ND(0.0039)	ND(0.0077)	ND(0.0076)
JEF1-NS1 (10)	04/06/05	2.89	ND(0.021)	ND(0.062)	ND(0.024)	ND(0.014)	ND(0.0059)	ND(0.005)	ND(0.0099)	ND(0.0098)
JEF2-NS1 (5)	04/14/05	2.33	ND(0.017)	ND(0.05)	ND(0.019)	ND(0.011)	ND(0.0048)	ND(0.004)	ND(0.008)	ND(0.0079)
JEF2-NS1 (10)	04/14/05	2.42	ND(0.017)	ND(0.052)	ND(0.02)	ND(0.012)	ND(0.005)	ND(0.0042)	ND(0.0083)	ND(0.0082)
MON2-NS2 (10)	04/04/05	2.76	ND(0.02)	ND(0.059)	ND(0.023)	ND(0.014)	ND(0.0056)	ND(0.0048)	ND(0.0095)	0.017
MON2-NS3 (10)	04/04/05	2.47	ND(0.018)	ND(0.053)	ND(0.02)	ND(0.012)	ND(0.005)	ND(0.0043)	ND(0.0085)	ND(0.0084)
MON2-NS3 (10) Dup	04/04/05	2.53	ND(0.018)	ND(0.054)	ND(0.021)	ND(0.012)	ND(0.0052)	ND(0.0044)	ND(0.0087)	ND(0.0086)
MON2-NS4 (10)	04/04/05	2.64	ND(0.019)	ND(0.056)	ND(0.022)	ND(0.013)	ND(0.0054)	ND(0.0046)	ND(0.0091)	0.035
MON3-NS1 (10)	04/05/05	2.76	ND(0.02)	ND(0.059)	ND(0.023)	ND(0.014)	ND(0.0056)	ND(0.0048)	ND(0.0095)	ND(0.0094)
OHI2-NS1 (5)	04/06/05	2.76	ND(0.02)	ND(0.059)	ND(0.023)	ND(0.014)	ND(0.0056)	ND(0.0048)	ND(0.0095)	ND(0.0094)
OHI2-NS1 (5) Dup	04/06/05	2.53	ND(0.018)	ND(0.054)	ND(0.021)	ND(0.012)	ND(0.0052)	ND(0.0044)	ND(0.0087)	ND(0.0086)
OHI2-NS1 (10)	04/06/05	2.42	ND(0.017)	ND(0.052)	ND(0.02)	ND(0.012)	ND(0.005)	ND(0.0042)	ND(0.0083)	ND(0.0082)

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Table 5b. Soil-Gas Analytical Results for Near-Slab Samples Summary Table, Solvents, Chevron Cincinnati Facility, Hooven, Ohio.

Near-Slab Sample ID	Date	TO-15 Dilution Factor	1,4-Dioxane (mg/m³)	Hexachlorobutadiene (mg/m³)	2-Hexanone (mg/m³)	Isopropanol (mg/m³)	4-Methyl-2-Pentanone (mg/m³)	Methylene Chloride (mg/m³)	1,1,2,2-Tetrachloroethane (mg/m³)	Tetrachloroethene (mg/m³)
OHI3-NS1 (5)	04/14/05	2.53	ND(0.018)	ND(0.054)	ND(0.021)	0.11	ND(0.0052)	0.005	ND(0.0087)	ND(0.0086)
OHI3-NS1 (10)	04/14/05	2.58	ND(0.018)	ND(0.055)	ND(0.021)	ND(0.013)	ND(0.0053)	ND(0.0045)	ND(0.0088)	ND(0.0088)
OHI5-NS1 (5)	04/06/05	2.33	ND(0.017)	ND(0.05)	ND(0.019)	ND(0.011)	ND(0.0048)	ND(0.004)	ND(0.008)	ND(0.0079)
OHI5-NS1 (10)	04/06/05	2.53	ND(0.018)	ND(0.054)	ND(0.021)	ND(0.012)	ND(0.0052)	ND(0.0044)	ND(0.0087)	ND(0.0086)
OHI6-NS1 (5)	04/06/05	2.38	ND(0.017)	ND(0.051)	ND(0.019)	ND(0.012)	ND(0.0049)	ND(0.0041)	ND(0.0082)	ND(0.0081)
OHI6-NS1 (10)	04/06/05	2.38	ND(0.017)	ND(0.051)	ND(0.019)	ND(0.012)	ND(0.0049)	ND(0.0041)	ND(0.0082)	ND(0.0081)
OHI7-NS1 (5)	04/11/05	2.47	ND(0.018)	ND(0.053)	ND(0.02)	ND(0.012)	ND(0.005)	ND(0.0043)	ND(0.0085)	ND(0.0084)J
OHI7-NS1 (5) Dup	04/11/05	2.53	0.076	ND(0.054)	ND(0.021)	ND(0.012)	ND(0.0052)	ND(0.0044)	ND(0.0087)	ND(0.0086)J
OHI7-NS1 (10)	04/11/05	2.96	ND(0.021)	ND(0.063)	ND(0.024)	ND(0.014)	ND(0.0061)	ND(0.0051)	ND(0.01)	0.011 J
OHI8-NS1 (5)	04/13/05	2.42	ND(0.017)	ND(0.052)J	ND(0.02)	ND(0.012)	ND(0.005)	ND(0.0042)	ND(0.0083)	ND(0.0082)
OHI8-NS1 (10)	04/13/05	2.24	ND(0.016)	ND(0.048)	0.029	ND(0.011)	0.019	0.0053	ND(0.0077)	ND(0.0076)
OHI9-NS1 (5)	04/15/05	2.58	ND(0.018)	ND(0.055)	ND(0.021)	ND(0.013)	ND(0.0053)	ND(0.0045)	ND(0.0088)	0.0092
OHI9-NS1 (10)	04/15/05	2.29	ND(0.016)	ND(0.049)	ND(0.019)	ND(0.011)	ND(0.0047)	ND(0.004)	ND(0.0079)	0.0082
WAS1-NS1 (5)	04/07/05	2.89	ND(0.021)	ND(0.062)	ND(0.024)	ND(0.014)	ND(0.0059)	ND(0.005)	ND(0.0099)	ND(0.0098)
WAS1-NS1 (10)	04/07/05	2.76	ND(0.02)	ND(0.059)	ND(0.023)	ND(0.014)	ND(0.0056)	ND(0.0048)	ND(0.0095)	ND(0.0094)
WAS2-NS1 (5)	04/06/05	2.96	ND(0.021)	ND(0.063)	ND(0.024)	ND(0.014)	ND(0.0061)	0.0081	ND(0.01)	ND(0.01)
WAS2-NS1 (10)	04/06/05	2.38	ND(0.017)	ND(0.051)	ND(0.019)	ND(0.012)	ND(0.0049)	ND(0.0041)	ND(0.0082)	ND(0.0081)

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Table 5b. Soil-Gas Analytical Results for Near-Slab Samples Summary Table, Solvents, Chevron Cincinnati Facility, Hooven, Ohio.

Near-Slab Sample ID	Date	TO-15 Dilution Factor	Tetrahydrofuran (mg/m³)	1,1,1-Trichloroethane (mg/m³)	1,1,2-Trichloroethane (mg/m³)	Trichloroethene (mg/m³)	Vinyl Chloride (mg/m³)
ADA1-NS1 (5)	04/06/05	2.33	ND(0.014)	ND(0.0064)	ND(0.0064)	ND(0.0063)	ND(0.003)
ADA1-NS1 (10)	04/06/05	2.76	ND(0.016)	ND(0.0075)	ND(0.0075)	ND(0.0074)	ND(0.0035)
ADA1-NS1 (10) Dup	04/06/05	2.47	ND(0.014)	ND(0.0067)	ND(0.0067)	ND(0.0066)	ND(0.0032)
CHI10-NS1 (5)	04/12/05	2.64	ND(0.016)	ND(0.0072)	ND(0.0072)	ND(0.0071)	ND(0.0034)
CHI10-NS1 (10)	04/12/05	2.58	ND(0.015)	ND(0.007)	ND(0.007)	ND(0.0069)	ND(0.0033)
CHI1-NS1 (5)	04/08/05	2.47	ND(0.014)	ND(0.0067)	ND(0.0067)	ND(0.0066)	ND(0.0032)
CHI1-NS1 (10)	04/08/05	2.29	ND(0.014)	ND(0.0062)	ND(0.0062)	ND(0.0062)	ND(0.0029)
CHI1-NS2 (5)	04/08/05	2.58	ND(0.015)	ND(0.007)	ND(0.007)	ND(0.0069)	ND(0.0033)
CHI1-NS2 (10)	04/08/05	2.42	ND(0.014)	ND(0.0066)	ND(0.0066)	ND(0.0065)	ND(0.0031)
CHI1-NS3 (5)	04/08/05	2.42	ND(0.014)	ND(0.0066)	ND(0.0066)	ND(0.0065)	ND(0.0031)
CHI1-NS3 (10)	04/08/05	2.47	ND(0.014)	ND(0.0067)	ND(0.0067)	ND(0.0066)	ND(0.0032)
CHI1-NS4 (5)	04/08/05	2.53	ND(0.015)	ND(0.0069)	ND(0.0069)	ND(0.0068)	ND(0.0032)
CHI1-NS4 (10)	04/08/05	2.47	ND(0.014)	ND(0.0067)	ND(0.0067)	ND(0.0066)	ND(0.0032)
CHI2-NS1 (5)	04/08/05	2.13	ND(0.012)	ND(0.0058)	ND(0.0058)	ND(0.0057)	ND(0.0027)
CHI2-NS1 (10)	04/08/05	4.66	ND(0.027)	ND(0.013)	ND(0.013)	ND(0.012)	ND(0.006)
CHI3-NS1 (5)	04/11/05	2.64	ND(0.016)	ND(0.0072)	ND(0.0072)	ND(0.0071)	ND(0.0034)
CHI3-NS1 (10)	04/11/05	2.53	ND(0.015)	ND(0.0069)	ND(0.0069)	ND(0.0068)	ND(0.0032)
CHI3-NS1 (10) Dup	04/11/05	2.53	ND(0.015)	ND(0.0069)	ND(0.0069)	ND(0.0068)	ND(0.0032)
CHI4-NS1 (5)	04/08/05	2.29	ND(0.014)	ND(0.0062)	ND(0.0062)	ND(0.0062)	ND(0.0029)
CHI4-NS1 (10)	04/08/05	2.24	ND(0.013)	ND(0.0061)	ND(0.0061)	ND(0.006)	ND(0.0029)
CHI5-NS1 (5)	04/08/05	2.58	ND(0.015)	ND(0.007)	ND(0.007)	ND(0.0069)	ND(0.0033)
CHI5-NS1 (10)	04/08/05	2.47	ND(0.014)	ND(0.0067)	ND(0.0067)	ND(0.0066)	ND(0.0032)
CHI6-NS1 (5)	04/08/05	2.47	ND(0.014)	ND(0.0067)	ND(0.0067)	ND(0.0066)	ND(0.0032)
CHI6-NS1 (10)	04/08/05	2.53	ND(0.015)	ND(0.0069)	ND(0.0069)	ND(0.0068)	ND(0.0032)
CHI8-NS1 (10)	04/09/05	2.38	ND(0.014)	ND(0.0065)	ND(0.0065)	ND(0.0064)	ND(0.003)
CHI8-NS2 (5)	04/09/05	2.89	ND(0.017)	ND(0.0079)	ND(0.0079)	ND(0.0078)	ND(0.0037)
CHI8-NS2 (10)	04/09/05	2.82	ND(0.017)	ND(0.0077)	ND(0.0077)	ND(0.0076)	ND(0.0036)
CHI9-NS1 (5)	04/11/05	2.38	ND(0.014)	ND(0.0065)	ND(0.0065)	ND(0.0064)	ND(0.003)
CHI9-NS1 (10)	04/11/05	2.47	ND(0.014)	ND(0.0067)	ND(0.0067)	ND(0.0066)	ND(0.0032)
HOO1-NS1 (5)	04/06/05	2.29	ND(0.014)	ND(0.0062)	ND(0.0062)	ND(0.0062)	ND(0.0029)
HOO1-NS1 (10)	04/06/05	2.47	ND(0.014)	ND(0.0067)	ND(0.0067)	ND(0.0066)	ND(0.0032)
HOO2-NS1 (5)	04/12/05	2.42	ND(0.014)	ND(0.0066)	ND(0.0066)	ND(0.0065)	ND(0.0031)
HOO2-NS1 (10)	04/12/05	2.69	ND(0.016)	ND(0.0073)	ND(0.0073)	ND(0.0072)	ND(0.0034)
HOO2-NS1 (10) Dup	04/12/05	2.47	ND(0.014)	ND(0.0067)	ND(0.0067)	ND(0.0066)	ND(0.0032)
HOO3-NS1 (5)	04/13/05	2.16	ND(0.013)	ND(0.0059)	ND(0.0059)	ND(0.0058)	ND(0.0028)
HOO3-NS1 (10)	04/13/05	2.29	ND(0.014)	ND(0.0062)	ND(0.0062)	ND(0.0062)	ND(0.0029)

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Table 5b. Soil-Gas Analytical Results for Near-Slab Samples Summary Table, Solvents, Chevron Cincinnati Facility, Hooven, Ohio.

Near-Slab Sample ID	Date	TO-15 Dilution Factor	Tetrahydrofuran (mg/m³)	1,1,1-Trichloroethane (mg/m³)	1,1,2-Trichloroethane (mg/m³)	Trichloroethene (mg/m³)	Vinyl Chloride (mg/m³)
HOO4-NS1 (5)	04/06/05	2.64	ND(0.016)	ND(0.0072)	ND(0.0072)	ND(0.0071)	ND(0.0034)
HOO4-NS1 (10)	04/06/05	2.58	ND(0.015)	ND(0.007)	ND(0.007)	ND(0.0069)	ND(0.0033)
HOO5-NS1 (5)	04/07/05	2.96	ND(0.017)	ND(0.0081)	ND(0.0081)	ND(0.008)	ND(0.0038)
HOO5-NS1 (5) Dup	04/07/05	2.96	ND(0.017)	ND(0.0081)	ND(0.0081)	ND(0.008)	ND(0.0038)
HOO5-NS1 (10)	04/07/05	2.76	ND(0.016)	ND(0.0075)	ND(0.0075)	ND(0.0074)	ND(0.0035)
HOO8-NS1 (5)	04/13/05	2.38	ND(0.014)	ND(0.0065)	ND(0.0065)	ND(0.0064)	ND(0.003)
HOO8-NS1 (10)	04/13/05	2.53	ND(0.015)	ND(0.0069)	ND(0.0069)	ND(0.0068)	ND(0.0032)
HOO12-NS1 (5)	04/12/05	2.38	ND(0.014)	ND(0.0065)	ND(0.0065)	ND(0.0064)	ND(0.003)
HOO12-NS1 (10)	04/12/05	2.29	ND(0.014)	ND(0.0062)	ND(0.0062)	ND(0.0062)	ND(0.0029)
HOO12-NS1 (10) Dup	04/12/05	2.24	ND(0.013)	ND(0.0061)	ND(0.0061)	ND(0.006)	ND(0.0029)
HOO15-NS1 (5)	04/06/05	2.58	ND(0.015)	ND(0.007)	ND(0.007)	ND(0.0069)	ND(0.0033)
HOO15-NS1 (10)	04/06/05	2.58	ND(0.015)	ND(0.007)	ND(0.007)	ND(0.0069)	ND(0.0033)
HOO16-NS1 (5)	04/12/05	2.33	ND(0.014)	ND(0.0064)	ND(0.0064)	ND(0.0063)	ND(0.003)
HOO16-NS1 (10)	04/12/05	2.47	ND(0.014)	ND(0.0067)	ND(0.0067)	ND(0.0066)	ND(0.0032)
HOO17-NS1 (5)	04/13/05	4.32	ND(0.025)	ND(0.012)	ND(0.012)	ND(0.012)	ND(0.0055)
HOO17-NS1 (10)	04/13/05	2.24	ND(0.013)	ND(0.0061)	ND(0.0061)	ND(0.006)	ND(0.0029)
HOO18-NS1 (5)	04/15/05	2.29	ND(0.014)	ND(0.0062)	ND(0.0062)	ND(0.0062)	ND(0.0029)
HOO18-NS1 (10)	04/15/05	2.29	ND(0.014)	ND(0.0062)	ND(0.0062)	ND(0.0062)	ND(0.0029)
HOO19-NS1 (5)	04/13/05	2.38	ND(0.014)	ND(0.0065)	ND(0.0065)	0.0076	ND(0.003)
HOO19-NS1 (5) Dup	04/13/05	2.69	ND(0.016)	ND(0.0073)	ND(0.0073)	ND(0.0072)	ND(0.0034)
HOO19-NS1 (10)	04/13/05	2.47	ND(0.014)	ND(0.0067)	ND(0.0067)	ND(0.0066)	ND(0.0032)
HOO20-NS1 (5)	04/13/05	2.09	ND(0.012)	ND(0.0057)	ND(0.0057)	ND(0.0056)	ND(0.0027)
HOO20-NS1 (10)	04/13/05	2.09	ND(0.012)	ND(0.0057)	ND(0.0057)	ND(0.0056)	ND(0.0027)
JEF1-NS1 (5)	04/06/05	2.38	ND(0.014)	ND(0.0065)	ND(0.0065)	ND(0.0064)	ND(0.003)
JEF1-NS1 (5) Dup	04/06/05	2.24	ND(0.013)	ND(0.0061)	ND(0.0061)	ND(0.006)	ND(0.0029)
JEF1-NS1 (10)	04/06/05	2.89	ND(0.017)	ND(0.0079)	ND(0.0079)	ND(0.0078)	ND(0.0037)
JEF2-NS1 (5)	04/14/05	2.33	ND(0.014)	ND(0.0064)	ND(0.0064)	0.014	ND(0.003)
JEF2-NS1 (10)	04/14/05	2.42	ND(0.014)	ND(0.0066)	ND(0.0066)	0.016	ND(0.0031)
MON2-NS2 (10)	04/04/05	2.76	ND(0.016)	ND(0.0075)	ND(0.0075)	ND(0.0074)	ND(0.0035)
MON2-NS3 (10)	04/04/05	2.47	ND(0.014)	ND(0.0067)	ND(0.0067)	ND(0.0066)	ND(0.0032)
MON2-NS3 (10) Dup	04/04/05	2.53	ND(0.015)	ND(0.0069)	ND(0.0069)	ND(0.0068)	ND(0.0032)
MON2-NS4 (10)	04/04/05	2.64	ND(0.016)	ND(0.0072)	ND(0.0072)	ND(0.0071)	ND(0.0034)
MON3-NS1 (10)	04/05/05	2.76	ND(0.016)	ND(0.0075)	ND(0.0075)	ND(0.0074)	ND(0.0035)
OHI2-NS1 (5)	04/06/05	2.76	ND(0.016)	ND(0.0075)	ND(0.0075)	ND(0.0074)	ND(0.0035)
OHI2-NS1 (5) Dup	04/06/05	2.53	ND(0.015)	ND(0.0069)	ND(0.0069)	ND(0.0068)	ND(0.0032)
OHI2-NS1 (10)	04/06/05	2.42	ND(0.014)	ND(0.0066)	ND(0.0066)	ND(0.0065)	ND(0.0031)

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Table 5b. Soil-Gas Analytical Results for Near-Slab Samples Summary Table, Solvents, Chevron Cincinnati Facility, Hooven, Ohio.

Near-Slab Sample ID	Date	TO-15 Dilution Factor	Tetrahydrofuran (mg/m³)	1,1,1-Trichloroethane (mg/m³)	1,1,2-Trichloroethane (mg/m³)	Trichloroethene (mg/m³)	Vinyl Chloride (mg/m³)
OHI3-NS1 (5)	04/14/05	2.53	0.041	ND(0.0069)	ND(0.0069)	ND(0.0068)	ND(0.0032)
OHI3-NS1 (10)	04/14/05	2.58	ND(0.015)	ND(0.007)	ND(0.007)	ND(0.0069)	ND(0.0033)
OHI5-NS1 (5)	04/06/05	2.33	ND(0.014)	ND(0.0064)	ND(0.0064)	ND(0.0063)	ND(0.003)
OHI5-NS1 (10)	04/06/05	2.53	ND(0.015)	ND(0.0069)	ND(0.0069)	ND(0.0068)	ND(0.0032)
OHI6-NS1 (5)	04/06/05	2.38	ND(0.014)	ND(0.0065)	ND(0.0065)	ND(0.0064)	ND(0.003)
OHI6-NS1 (10)	04/06/05	2.38	ND(0.014)	ND(0.0065)	ND(0.0065)	ND(0.0064)	ND(0.003)
OHI7-NS1 (5)	04/11/05	2.47	ND(0.014)	ND(0.0067)	ND(0.0067)	ND(0.0066)	ND(0.0032)
OHI7-NS1 (5) Dup	04/11/05	2.53	ND(0.015)	ND(0.0069)	ND(0.0069)	ND(0.0068)	ND(0.0032)
OHI7-NS1 (10)	04/11/05	2.96	ND(0.017)	ND(0.0081)	ND(0.0081)	ND(0.008)	ND(0.0038)
OHI8-NS1 (5)	04/13/05	2.42	ND(0.014)	ND(0.0066)	ND(0.0066)	ND(0.0065)	ND(0.0031)
OHI8-NS1 (10)	04/13/05	2.24	ND(0.013)	ND(0.0061)	ND(0.0061)	ND(0.006)	ND(0.0029)
OHI9-NS1 (5)	04/15/05	2.58	ND(0.015)	ND(0.007)	ND(0.007)	ND(0.0069)	ND(0.0033)
OHI9-NS1 (10)	04/15/05	2.29	ND(0.014)	ND(0.0062)	ND(0.0062)	ND(0.0062)	ND(0.0029)
WAS1-NS1 (5)	04/07/05	2.89	ND(0.017)	ND(0.0079)	ND(0.0079)	ND(0.0078)	ND(0.0037)
WAS1-NS1 (10)	04/07/05	2.76	ND(0.016)	ND(0.0075)	ND(0.0075)	ND(0.0074)	ND(0.0035)
WAS2-NS1 (5)	04/06/05	2.96	ND(0.017)	ND(0.0081)	ND(0.0081)	ND(0.008)	ND(0.0038)
WAS2-NS1 (10)	04/06/05	2.38	ND(0.014)	ND(0.0065)	ND(0.0065)	ND(0.0064)	ND(0.003)

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Table 5c. Soil-Gas Analytical Results for Near-Slab Samples Summary Table, Water Treatment and Other Chemicals, Chevron Cincinnati Facility, Hooven, Ohio.

Near-Slab Sample ID	Date	TO-15 Dilution Factor	Allyl Chloride (mg/m³)	Benzylchloride (mg/m³)	Bromomethane (mg/m³)	Carbon Disulfide (mg/m³)	Chloroethane (mg/m³)	Chloromethane (mg/m³)	1,2-Dichlorobenzene (mg/m³)	1,3-Dichlorobenzene (mg/m³)
ADA1-NS1 (5)	04/06/05	2.33	ND(0.014)	ND(0.006)	ND(0.0045)	ND(0.0036)	ND(0.0031)	ND(0.0096)	ND(0.007)	ND(0.007)
ADA1-NS1 (10)	04/06/05	2.76	ND(0.017)	ND(0.0071)	ND(0.0054)	0.0046	ND(0.0036)	ND(0.011)	ND(0.0083)	ND(0.0083)
ADA1-NS1 (10) Dup	04/06/05	2.47	ND(0.015)	ND(0.0064)	ND(0.0048)	ND(0.0038)	ND(0.0032)	ND(0.01)	ND(0.0074)	ND(0.0074)
CHI10-NS1 (5)	04/12/05	2.64	ND(0.016)	ND(0.0068)	ND(0.0051)	ND(0.0041)	ND(0.0035)	ND(0.011)	ND(0.0079)	ND(0.0079)
CHI10-NS1 (10)	04/12/05	2.58	ND(0.016)	ND(0.0067)	ND(0.005)	ND(0.004)	ND(0.0034)	ND(0.011)	ND(0.0078)	ND(0.0078)
CHI1-NS1 (5)	04/08/05	2.47	ND(0.015)	ND(0.0064)	ND(0.0048)	ND(0.0038)	ND(0.0032)	ND(0.01)	ND(0.0074)	ND(0.0074)
CHI1-NS1 (10)	04/08/05	2.29	ND(0.014)	ND(0.0059)	ND(0.0044)	ND(0.0036)	ND(0.003)	ND(0.0094)	ND(0.0069)	ND(0.0069)
CHI1-NS2 (5)	04/08/05	2.58	ND(0.016)	ND(0.0067)	ND(0.005)	ND(0.004)	ND(0.0034)	ND(0.011)	ND(0.0078)	ND(0.0078)
CHI1-NS2 (10)	04/08/05	2.42	ND(0.015)	ND(0.0063)	ND(0.0047)	0.0067	ND(0.0032)	ND(0.01)	ND(0.0073)	ND(0.0073)
CHI1-NS3 (5)	04/08/05	2.42	ND(0.015)	ND(0.0063)	ND(0.0047)	ND(0.0038)	ND(0.0032)	ND(0.01)	ND(0.0073)	ND(0.0073)
CHI1-NS3 (10)	04/08/05	2.47	ND(0.015)	ND(0.0064)	ND(0.0048)	ND(0.0038)	ND(0.0032)	ND(0.01)	ND(0.0074)	ND(0.0074)
CHI1-NS4 (5)	04/08/05	2.53	ND(0.016)	ND(0.0065)	ND(0.0049)	ND(0.0039)	ND(0.0033)	ND(0.01)	ND(0.0076)	ND(0.0076)
CHI1-NS4 (10)	04/08/05	2.47	ND(0.015)	ND(0.0064)	ND(0.0048)	ND(0.0038)	ND(0.0032)	ND(0.01)	ND(0.0074)	ND(0.0074)
CHI2-NS1 (5)	04/08/05	2.13	ND(0.013)	ND(0.0055)	ND(0.0041)	ND(0.0033)	ND(0.0028)	ND(0.0088)	ND(0.0064)	ND(0.0064)
CHI2-NS1 (10)	04/08/05	4.66	ND(0.029)	ND(0.012)	ND(0.009)	ND(0.0072)	ND(0.0061)	ND(0.019)	ND(0.014)	ND(0.014)
CHI3-NS1 (5)	04/11/05	2.64	ND(0.016)	ND(0.0068)	ND(0.0051)	0.0043	ND(0.0035)	ND(0.011)	ND(0.0079)	ND(0.0079)
CHI3-NS1 (10)	04/11/05	2.53	ND(0.016)	ND(0.0065)	ND(0.0049)	ND(0.0039)	ND(0.0033)	ND(0.01)	ND(0.0076)	ND(0.0076)
CHI3-NS1 (10) Dup	04/11/05	2.53	ND(0.016)	ND(0.0065)	ND(0.0049)	ND(0.0039)	ND(0.0033)	ND(0.01)	ND(0.0076)	ND(0.0076)
CHI4-NS1 (5)	04/08/05	2.29	ND(0.014)	ND(0.0059)	ND(0.0044)	0.054	ND(0.003)	ND(0.0094)	ND(0.0069)	ND(0.0069)
CHI4-NS1 (10)	04/08/05	2.24	ND(0.014)	ND(0.0058)	ND(0.0043)	ND(0.0035)	ND(0.003)	ND(0.0092)	ND(0.0067)	ND(0.0067)
CHI5-NS1 (5)	04/08/05	2.58	ND(0.016)	ND(0.0067)	ND(0.005)	ND(0.004)	ND(0.0034)	ND(0.011)	ND(0.0078)	ND(0.0078)
CHI5-NS1 (10)	04/08/05	2.47	ND(0.015)	ND(0.0064)	ND(0.0048)	ND(0.0038)	ND(0.0032)	ND(0.01)	ND(0.0074)	ND(0.0074)
CHI6-NS1 (5)	04/08/05	2.47	ND(0.015)	ND(0.0064)	ND(0.0048)	ND(0.0038)	ND(0.0032)	ND(0.01)	ND(0.0074)	ND(0.0074)
CHI6-NS1 (10)	04/08/05	2.53	ND(0.016)	ND(0.0065)	ND(0.0049)	0.015	ND(0.0033)	0.011	ND(0.0076)	ND(0.0076)
CHI8-NS1 (10)	04/09/05	2.38	ND(0.015)	ND(0.0062)	ND(0.0046)	0.0041	ND(0.0031)	ND(0.0098)	ND(0.0072)	ND(0.0072)
CHI8-NS2 (5)	04/09/05	2.89	ND(0.018)	ND(0.0075)	ND(0.0056)	0.036	ND(0.0038)	ND(0.012)	ND(0.0087)	ND(0.0087)
CHI8-NS2 (10)	04/09/05	2.82	ND(0.018)	ND(0.0073)	ND(0.0055)	ND(0.0044)	ND(0.0037)	ND(0.012)	ND(0.0085)	ND(0.0085)
CHI9-NS1 (5)	04/11/05	2.38	ND(0.015)	ND(0.0062)	ND(0.0046)	ND(0.0037)	ND(0.0031)	ND(0.0098)	ND(0.0072)	ND(0.0072)
CHI9-NS1 (10)	04/11/05	2.47	ND(0.015)	ND(0.0064)	ND(0.0048)	ND(0.0038)	ND(0.0032)	ND(0.01)	ND(0.0074)	ND(0.0074)
HOO1-NS1 (5)	04/06/05	2.29	ND(0.014)	ND(0.0059)	ND(0.0044)	ND(0.0036)	ND(0.003)	ND(0.0094)	ND(0.0069)	ND(0.0069)
HOO1-NS1 (10)	04/06/05	2.47	ND(0.015)	ND(0.0064)	ND(0.0048)	ND(0.0038)	ND(0.0032)	ND(0.01)	ND(0.0074)	ND(0.0074)
HOO2-NS1 (5)	04/12/05	2.42	ND(0.015)	ND(0.0063)	ND(0.0047)	0.005	ND(0.0032)	ND(0.01)	ND(0.0073)	ND(0.0073)
HOO2-NS1 (10)	04/12/05	2.69	ND(0.017)	ND(0.007)	ND(0.0052)	ND(0.0042)	ND(0.0035)	ND(0.011)	ND(0.0081)	ND(0.0081)
HOO2-NS1 (10) Dup	04/12/05	2.47	ND(0.015)	ND(0.0064)	ND(0.0048)	0.019	ND(0.0032)	ND(0.01)	ND(0.0074)	ND(0.0074)
HOO3-NS1 (5)	04/13/05	2.16	ND(0.014)	ND(0.0056)	ND(0.0042)	ND(0.0034)	ND(0.0028)	ND(0.0089)	ND(0.0065)	ND(0.0065)
HOO3-NS1 (10)	04/13/05	2.29	ND(0.014)	ND(0.0059)	ND(0.0044)	ND(0.0036)	ND(0.003)	ND(0.0094)	ND(0.0069)	ND(0.0069)

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Table 5c. Soil-Gas Analytical Results for Near-Slab Samples Summary Table, Water Treatment and Other Chemicals, Chevron Cincinnati Facility, Hooven, Ohio.

Near-Slab Sample ID	Date	TO-15 Dilution Factor	Allyl Chloride (mg/m³)	Benzylchloride (mg/m³)	Bromomethane (mg/m³)	Carbon Disulfide (mg/m³)	Chloroethane (mg/m³)	Chloromethane (mg/m³)	1,2-Dichlorobenzene (mg/m³)	1,3-Dichlorobenzene (mg/m³)
HOO4-NS1 (5)	04/06/05	2.64	ND(0.016)	ND(0.0068)	ND(0.0051)	ND(0.0041)	ND(0.0035)	ND(0.011)	ND(0.0079)	ND(0.0079)
HOO4-NS1 (10)	04/06/05	2.58	ND(0.016)	ND(0.0067)	ND(0.005)	0.018	0.0044	0.022	ND(0.0078)	ND(0.0078)
HOO5-NS1 (5)	04/07/05	2.96	ND(0.018)	ND(0.0077)	ND(0.0057)	ND(0.0046)	ND(0.0039)	ND(0.012)	ND(0.0089)	ND(0.0089)
HOO5-NS1 (5) Dup	04/07/05	2.96	ND(0.018)	ND(0.0077)	ND(0.0057)	0.1	ND(0.0039)	ND(0.012)	ND(0.0089)	ND(0.0089)
HOO5-NS1 (10)	04/07/05	2.76	ND(0.017)	ND(0.0071)	ND(0.0054)	0.011	ND(0.0036)	ND(0.011)	ND(0.0083)	ND(0.0083)
HOO8-NS1 (5)	04/13/05	2.38	ND(0.015)	ND(0.0062)	ND(0.0046)	0.004	ND(0.0031)	ND(0.0098)	0.015	ND(0.0072)
HOO8-NS1 (10)	04/13/05	2.53	ND(0.016)	ND(0.0065)	ND(0.0049)	ND(0.0039)	ND(0.0033)	ND(0.01)	ND(0.0076)	ND(0.0076)
HOO12-NS1 (5)	04/12/05	2.38	ND(0.015)	ND(0.0062)	ND(0.0046)	0.013	ND(0.0031)	ND(0.0098)	ND(0.0072)	ND(0.0072)
HOO12-NS1 (10)	04/12/05	2.29	ND(0.014)	ND(0.0059)	ND(0.0044)	ND(0.0036)	ND(0.003)	ND(0.0094)	ND(0.0069)	ND(0.0069)
HOO12-NS1 (10) Dup	04/12/05	2.24	ND(0.014)	ND(0.0058)	ND(0.0043)	ND(0.0035)	ND(0.003)	ND(0.0092)	ND(0.0067)	ND(0.0067)
HOO15-NS1 (5)	04/06/05	2.58	ND(0.016)	ND(0.0067)	ND(0.005)	0.0044	ND(0.0034)	ND(0.011)	ND(0.0078)	ND(0.0078)
HOO15-NS1 (10)	04/06/05	2.58	ND(0.016)	ND(0.0067)	ND(0.005)	ND(0.004)	ND(0.0034)	ND(0.011)	ND(0.0078)	ND(0.0078)
HOO16-NS1 (5)	04/12/05	2.33	ND(0.014)	ND(0.006)	ND(0.0045)	ND(0.0036)	ND(0.0031)	ND(0.0096)	ND(0.007)	ND(0.007)
HOO16-NS1 (10)	04/12/05	2.47	ND(0.015)	ND(0.0064)	ND(0.0048)	0.048	ND(0.0032)	ND(0.01)	ND(0.0074)	ND(0.0074)
HOO17-NS1 (5)	04/13/05	4.32	ND(0.027)	ND(0.011)	ND(0.0084)	ND(0.0067)	ND(0.0057)	ND(0.018)	ND(0.013)	ND(0.013)
HOO17-NS1 (10)	04/13/05	2.24	ND(0.014)	ND(0.0058)	ND(0.0043)	ND(0.0035)	ND(0.003)	ND(0.0092)	ND(0.0067)	ND(0.0067)
HOO18-NS1 (5)	04/15/05	2.29	ND(0.014)	ND(0.0059)	ND(0.0044)	0.017	ND(0.003)	ND(0.0094)	ND(0.0069)	ND(0.0069)
HOO18-NS1 (10)	04/15/05	2.29	ND(0.014)	ND(0.0059)	ND(0.0044)	ND(0.0036)	ND(0.003)	ND(0.0094)	ND(0.0069)	ND(0.0069)
HOO19-NS1 (5)	04/13/05	2.38	ND(0.015)	ND(0.0062)	ND(0.0046)	ND(0.0037)	ND(0.0031)	ND(0.0098)	ND(0.0072)	ND(0.0072)
HOO19-NS1 (5) Dup	04/13/05	2.69	ND(0.017)	ND(0.007)	ND(0.0052)	0.0054	ND(0.0035)	ND(0.011)	ND(0.0081)	ND(0.0081)
HOO19-NS1 (10)	04/13/05	2.47	ND(0.015)	ND(0.0064)	ND(0.0048)	0.023	ND(0.0032)	ND(0.01)	ND(0.0074)	ND(0.0074)
HOO20-NS1 (5)	04/13/05	2.09	ND(0.013)	ND(0.0054)	ND(0.004)	ND(0.0032)	ND(0.0028)	ND(0.0086)	ND(0.0063)	ND(0.0063)
HOO20-NS1 (10)	04/13/05	2.09	ND(0.013)	ND(0.0054)	ND(0.004)	ND(0.0032)	ND(0.0028)	ND(0.0086)	ND(0.0063)	ND(0.0063)
JEF1-NS1 (5)	04/06/05	2.38	ND(0.015)	ND(0.0062)	ND(0.0046)	ND(0.0037)	ND(0.0031)	ND(0.0098)	ND(0.0072)	ND(0.0072)
JEF1-NS1 (5) Dup	04/06/05	2.24	ND(0.014)	ND(0.0058)	ND(0.0043)	ND(0.0035)	ND(0.003)	ND(0.0092)	ND(0.0067)	ND(0.0067)
JEF1-NS1 (10)	04/06/05	2.89	ND(0.018)	ND(0.0075)	ND(0.0056)	0.008	ND(0.0038)	ND(0.012)	ND(0.0087)	ND(0.0087)
JEF2-NS1 (5)	04/14/05	2.33	ND(0.014)	ND(0.006)	ND(0.0045)	ND(0.0036)	ND(0.0031)	ND(0.0096)	ND(0.007)	ND(0.007)
JEF2-NS1 (10)	04/14/05	2.42	ND(0.015)	ND(0.0063)	ND(0.0047)	ND(0.0038)	ND(0.0032)	ND(0.01)	ND(0.0073)	ND(0.0073)
MON2-NS2 (10)	04/04/05	2.76	ND(0.017)	ND(0.0071)	ND(0.0054)	ND(0.0043)	ND(0.0036)	ND(0.011)	ND(0.0083)	ND(0.0083)
MON2-NS3 (10)	04/04/05	2.47	ND(0.015)	ND(0.0064)	ND(0.0048)	0.012	ND(0.0032)	ND(0.01)	ND(0.0074)	ND(0.0074)
MON2-NS3 (10) Dup	04/04/05	2.53	ND(0.016)	ND(0.0065)	ND(0.0049)	ND(0.0039)	ND(0.0033)	ND(0.01)	ND(0.0076)	ND(0.0076)
MON2-NS4 (10)	04/04/05	2.64	ND(0.016)	ND(0.0068)	ND(0.0051)	ND(0.0041)	ND(0.0035)	ND(0.011)	ND(0.0079)	ND(0.0079)
MON3-NS1 (10)	04/05/05	2.76	ND(0.017)	ND(0.0071)	ND(0.0054)	ND(0.0043)	ND(0.0036)	ND(0.011)	ND(0.0083)	ND(0.0083)
OHI2-NS1 (5)	04/06/05	2.76	ND(0.017)	ND(0.0071)	ND(0.0054)	ND(0.0043)	ND(0.0036)	ND(0.011)	ND(0.0083)	ND(0.0083)
OHI2-NS1 (5) Dup	04/06/05	2.53	ND(0.016)	ND(0.0065)	ND(0.0049)	ND(0.0039)	ND(0.0033)	ND(0.01)	ND(0.0076)	ND(0.0076)
OHI2-NS1 (10)	04/06/05	2.42	ND(0.015)	ND(0.0063)	ND(0.0047)	0.0043	ND(0.0032)	ND(0.01)	ND(0.0073)	ND(0.0073)

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Table 5c. Soil-Gas Analytical Results for Near-Slab Samples Summary Table, Water Treatment and Other Chemicals, Chevron Cincinnati Facility, Hooven, Ohio.

Near-Slab Sample ID	Date	TO-15 Dilution Factor	Allyl Chloride (mg/m³)	Benzylchloride (mg/m³)	Bromomethane (mg/m³)	Carbon Disulfide (mg/m³)	Chloroethane (mg/m³)	Chloromethane (mg/m³)	1,2-Dichlorobenzene (mg/m³)	1,3-Dichlorobenzene (mg/m³)
OHI3-NS1 (5)	04/14/05	2.53	ND(0.016)	ND(0.0065)	ND(0.0049)	0.0047	ND(0.0033)	ND(0.01)	ND(0.0076)	ND(0.0076)
OHI3-NS1 (10)	04/14/05	2.58	ND(0.016)	ND(0.0067)	ND(0.005)	ND(0.004)	ND(0.0034)	ND(0.011)	ND(0.0078)	ND(0.0078)
OHI5-NS1 (5)	04/06/05	2.33	ND(0.014)	ND(0.006)	ND(0.0045)	0.004	ND(0.0031)	ND(0.0096)	ND(0.007)	ND(0.007)
OHI5-NS1 (10)	04/06/05	2.53	ND(0.016)	ND(0.0065)	ND(0.0049)	ND(0.0039)	ND(0.0033)	ND(0.01)	ND(0.0076)	ND(0.0076)
OHI6-NS1 (5)	04/06/05	2.38	ND(0.015)	ND(0.0062)	ND(0.0046)	0.0065	ND(0.0031)	ND(0.0098)	ND(0.0072)	ND(0.0072)
OHI6-NS1 (10)	04/06/05	2.38	ND(0.015)	ND(0.0062)	ND(0.0046)	0.0039	ND(0.0031)	ND(0.0098)	ND(0.0072)	ND(0.0072)
OHI7-NS1 (5)	04/11/05	2.47	ND(0.015)	ND(0.0064)	ND(0.0048)	ND(0.0038)	ND(0.0032)	ND(0.01)	ND(0.0074)	ND(0.0074)
OHI7-NS1 (5) Dup	04/11/05	2.53	ND(0.016)	ND(0.0065)	ND(0.0049)	0.067	ND(0.0033)	ND(0.01)	ND(0.0076)	ND(0.0076)
OHI7-NS1 (10)	04/11/05	2.96	ND(0.018)	ND(0.0077)	ND(0.0057)	ND(0.0046)	ND(0.0039)	ND(0.012)	ND(0.0089)	ND(0.0089)
OHI8-NS1 (5)	04/13/05	2.42	ND(0.015)	ND(0.0063)	ND(0.0047)	ND(0.0038)	ND(0.0032)	ND(0.01)	ND(0.0073)	ND(0.0073)
OHI8-NS1 (10)	04/13/05	2.24	ND(0.014)	ND(0.0058)	ND(0.0043)	0.019	ND(0.003)	ND(0.0092)	ND(0.0067)	ND(0.0067)
OHI9-NS1 (5)	04/15/05	2.58	ND(0.016)	ND(0.0067)	ND(0.005)	ND(0.004)	ND(0.0034)	ND(0.011)	ND(0.0078)	ND(0.0078)
OHI9-NS1 (10)	04/15/05	2.29	ND(0.014)	ND(0.0059)	ND(0.0044)	0.0045	ND(0.003)	ND(0.0094)	ND(0.0069)	ND(0.0069)
WAS1-NS1 (5)	04/07/05	2.89	ND(0.018)	ND(0.0075)	ND(0.0056)	0.094	ND(0.0038)	ND(0.012)	ND(0.0087)	ND(0.0087)
WAS1-NS1 (10)	04/07/05	2.76	ND(0.017)	ND(0.0071)	ND(0.0054)	ND(0.0043)	ND(0.0036)	ND(0.011)	ND(0.0083)	ND(0.0083)
WAS2-NS1 (5)	04/06/05	2.96	ND(0.018)	ND(0.0077)	ND(0.0057)	0.012	ND(0.0039)	ND(0.012)	ND(0.0089)	ND(0.0089)
WAS2-NS1 (10)	04/06/05	2.38	ND(0.015)	ND(0.0062)	ND(0.0046)	ND(0.0037)	ND(0.0031)	ND(0.0098)	ND(0.0072)	ND(0.0072)

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Table 5c. Soil-Gas Analytical Results for Near-Slab Samples Summary Table, Water Treatment and Other Chemicals, Chevron Cincinnati Facility, Hooven, Ohio.

Near-Slab Sample ID	Date	TO-15 Dilution Factor	1,4-Dichlorobenzene (mg/m³)	Dichlorodifluoromethane (mg/m³)	1,2-Dichloropropane (mg/m³)	cis-1,3-Dichloropropene (mg/m³)	trans-1,3-Dichloropropene (mg/m³)	1,2-Dichloro-1,1,2,2-tetrafluoroethane (mg/m³)	Ethanol (mg/m³)
ADA1-NS1 (5)	04/06/05	2.33	ND(0.007)	ND(0.0058)	ND(0.0054)	ND(0.0053)	ND(0.0053)	ND(0.0081)	0.015
ADA1-NS1 (10)	04/06/05	2.76	ND(0.0083)	ND(0.0068)	ND(0.0064)	ND(0.0063)	ND(0.0063)	ND(0.0096)	ND(0.01)
ADA1-NS1 (10) Dup	04/06/05	2.47	ND(0.0074)	ND(0.0061)	ND(0.0057)	ND(0.0056)	ND(0.0056)	ND(0.0086)	ND(0.0093)
CHI10-NS1 (5)	04/12/05	2.64	ND(0.0079)	ND(0.0065)	ND(0.0061)	ND(0.006)	ND(0.006)	ND(0.0092)	ND(0.0099)
CHI10-NS1 (10)	04/12/05	2.58	ND(0.0078)	ND(0.0064)	ND(0.006)	ND(0.0058)	ND(0.0058)	ND(0.009)	ND(0.0097)
CHI1-NS1 (5)	04/08/05	2.47	ND(0.0074)	ND(0.0061)	ND(0.0057)	ND(0.0056)	ND(0.0056)	ND(0.0086)	ND(0.0093)
CHI1-NS1 (10)	04/08/05	2.29	ND(0.0069)	ND(0.0057)	ND(0.0053)	ND(0.0052)	ND(0.0052)	ND(0.008)	ND(0.0086)
CHI1-NS2 (5)	04/08/05	2.58	ND(0.0078)	ND(0.0064)	ND(0.006)	ND(0.0058)	ND(0.0058)	ND(0.009)	0.044
CHI1-NS2 (10)	04/08/05	2.42	ND(0.0073)	ND(0.006)	ND(0.0056)	ND(0.0055)	ND(0.0055)	ND(0.0084)	ND(0.0091)
CHI1-NS3 (5)	04/08/05	2.42	ND(0.0073)	ND(0.006)	ND(0.0056)	ND(0.0055)	ND(0.0055)	ND(0.0084)	ND(0.0091)
CHI1-NS3 (10)	04/08/05	2.47	ND(0.0074)	ND(0.0061)	ND(0.0057)	ND(0.0056)	ND(0.0056)	ND(0.0086)	ND(0.0093)
CHI1-NS4 (5)	04/08/05	2.53	ND(0.0076)	ND(0.0062)	ND(0.0058)	ND(0.0057)	ND(0.0057)	ND(0.0088)	ND(0.0095)
CHI1-NS4 (10)	04/08/05	2.47	ND(0.0074)	ND(0.0061)	ND(0.0057)	ND(0.0056)	ND(0.0056)	ND(0.0086)	ND(0.0093)
CHI2-NS1 (5)	04/08/05	2.13	ND(0.0064)	ND(0.0053)	ND(0.0049)	ND(0.0048)	ND(0.0048)	ND(0.0074)	0.0088 J
CHI2-NS1 (10)	04/08/05	4.66	ND(0.014)	ND(0.012)	ND(0.011)	ND(0.01)	ND(0.01)	ND(0.016)	ND(0.018)
CHI3-NS1 (5)	04/11/05	2.64	ND(0.0079)	ND(0.0065)	ND(0.0061)	ND(0.006)	ND(0.006)	ND(0.0092)	ND(0.0099)
CHI3-NS1 (10)	04/11/05	2.53	ND(0.0076)	ND(0.0062)	ND(0.0058)	ND(0.0057)	ND(0.0057)	ND(0.0088)	ND(0.0095)
CHI3-NS1 (10) Dup	04/11/05	2.53	ND(0.0076)	ND(0.0062)	ND(0.0058)	ND(0.0057)	ND(0.0057)	ND(0.0088)	ND(0.0095)
CHI4-NS1 (5)	04/08/05	2.29	ND(0.0069)	ND(0.0057)	ND(0.0053)	ND(0.0052)	ND(0.0052)	ND(0.008)	ND(0.0086)
CHI4-NS1 (10)	04/08/05	2.24	ND(0.0067)	ND(0.0055)	ND(0.0052)	ND(0.0051)	ND(0.0051)	ND(0.0078)	ND(0.0084)
CHI5-NS1 (5)	04/08/05	2.58	ND(0.0078)	ND(0.0064)	ND(0.006)	ND(0.0058)	ND(0.0058)	ND(0.009)	ND(0.0097)
CHI5-NS1 (10)	04/08/05	2.47	ND(0.0074)	ND(0.0061)	ND(0.0057)	ND(0.0056)	ND(0.0056)	ND(0.0086)	ND(0.0093)
CHI6-NS1 (5)	04/08/05	2.47	ND(0.0074)	ND(0.0061)	ND(0.0057)	ND(0.0056)	ND(0.0056)	ND(0.0086)	ND(0.0093)
CHI6-NS1 (10)	04/08/05	2.53	ND(0.0076)	ND(0.0062)	ND(0.0058)	ND(0.0057)	ND(0.0057)	ND(0.0088)	ND(0.0095)
CHI8-NS1 (10)	04/09/05	2.38	ND(0.0072)	ND(0.0059)	ND(0.0055)	ND(0.0054)	ND(0.0054)	ND(0.0083)	ND(0.009)
CHI8-NS2 (5)	04/09/05	2.89	ND(0.0087)	ND(0.0071)	ND(0.0067)	ND(0.0066)	ND(0.0066)	ND(0.01)	0.039
CHI8-NS2 (10)	04/09/05	2.82	ND(0.0085)	ND(0.007)	ND(0.0065)	ND(0.0064)	ND(0.0064)	ND(0.0098)	0.053
CHI9-NS1 (5)	04/11/05	2.38	ND(0.0072)	ND(0.0059)	ND(0.0055)	ND(0.0054)	ND(0.0054)	ND(0.0083)	ND(0.009)
CHI9-NS1 (10)	04/11/05	2.47	ND(0.0074)	ND(0.0061)	ND(0.0057)	ND(0.0056)	ND(0.0056)	ND(0.0086)	ND(0.0093)
HOO1-NS1 (5)	04/06/05	2.29	ND(0.0069)	ND(0.0057)	ND(0.0053)	ND(0.0052)	ND(0.0052)	ND(0.008)	ND(0.0086)
HOO1-NS1 (10)	04/06/05	2.47	ND(0.0074)	ND(0.0061)	ND(0.0057)	ND(0.0056)	ND(0.0056)	ND(0.0086)	0.012
HOO2-NS1 (5)	04/12/05	2.42	ND(0.0073)	ND(0.006)	ND(0.0056)	ND(0.0055)	ND(0.0055)	ND(0.0084)	0.0093
HOO2-NS1 (10)	04/12/05	2.69	ND(0.0081)	ND(0.0066)	ND(0.0062)	ND(0.0061)	ND(0.0061)	ND(0.0094)	ND(0.01)
HOO2-NS1 (10) Dup	04/12/05	2.47	ND(0.0074)	ND(0.0061)	ND(0.0057)	ND(0.0056)	ND(0.0056)	ND(0.0086)	ND(0.0093)
HOO3-NS1 (5)	04/13/05	2.16	ND(0.0065)	ND(0.0053)	ND(0.005)	ND(0.0049)	ND(0.0049)	ND(0.0076)	ND(0.0081)
HOO3-NS1 (10)	04/13/05	2.29	ND(0.0069)	ND(0.0057)	ND(0.0053)	ND(0.0052)	ND(0.0052)	ND(0.008)	ND(0.0086)

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Table 5c. Soil-Gas Analytical Results for Near-Slab Samples Summary Table, Water Treatment and Other Chemicals, Chevron Cincinnati Facility, Hooven, Ohio.

Near-Slab Sample ID	Date	TO-15 Dilution Factor	1,4-Dichlorobenzene (mg/m³)	Dichlorodifluoromethane (mg/m³)	1,2-Dichloropropane (mg/m³)	cis-1,3-Dichloropropene (mg/m³)	trans-1,3-Dichloropropene (mg/m³)	1,2-Dichloro-1,1,2,2-tetrafluoroethane (mg/m³)	Ethanol (mg/m³)
HOO4-NS1 (5)	04/06/05	2.64	ND(0.0079)	ND(0.0065)	ND(0.0061)	ND(0.006)	ND(0.006)	ND(0.0092)	0.098
HOO4-NS1 (10)	04/06/05	2.58	ND(0.0078)	0.0078	ND(0.006)	ND(0.0058)	ND(0.0058)	ND(0.009)	0.018
HOO5-NS1 (5)	04/07/05	2.96	ND(0.0089)	ND(0.0073)	ND(0.0068)	ND(0.0067)	ND(0.0067)	ND(0.01)	ND(0.011)
HOO5-NS1 (5) Dup	04/07/05	2.96	ND(0.0089)	ND(0.0073)	ND(0.0068)	ND(0.0067)	ND(0.0067)	ND(0.01)	ND(0.011)
HOO5-NS1 (10)	04/07/05	2.76	ND(0.0083)	0.0087	ND(0.0064)	ND(0.0063)	ND(0.0063)	ND(0.0096)	ND(0.01)
HOO8-NS1 (5)	04/13/05	2.38	ND(0.0072)	ND(0.0059)	ND(0.0055)	ND(0.0054)	ND(0.0054)	ND(0.0083)	1.2 E
HOO8-NS1 (10)	04/13/05	2.53	ND(0.0076)	ND(0.0062)	ND(0.0058)	ND(0.0057)	ND(0.0057)	ND(0.0088)	ND(0.0095)
HOO12-NS1 (5)	04/12/05	2.38	ND(0.0072)	ND(0.0059)	ND(0.0055)	ND(0.0054)	ND(0.0054)	ND(0.0083)	ND(0.009)
HOO12-NS1 (10)	04/12/05	2.29	ND(0.0069)	ND(0.0057)	ND(0.0053)	ND(0.0052)	ND(0.0052)	ND(0.008)	ND(0.0086)
HOO12-NS1 (10) Dup	04/12/05	2.24	ND(0.0067)	ND(0.0055)	ND(0.0052)	ND(0.0051)	ND(0.0051)	ND(0.0078)	ND(0.0084)
HOO15-NS1 (5)	04/06/05	2.58	ND(0.0078)	ND(0.0064)	ND(0.006)	ND(0.0058)	ND(0.0058)	ND(0.009)	ND(0.0097)
HOO15-NS1 (10)	04/06/05	2.58	ND(0.0078)	ND(0.0064)	ND(0.006)	ND(0.0058)	ND(0.0058)	ND(0.009)	ND(0.0097)
HOO16-NS1 (5)	04/12/05	2.33	ND(0.007)	ND(0.0058)	ND(0.0054)	ND(0.0053)	ND(0.0053)	ND(0.0081)	ND(0.0088)
HOO16-NS1 (10)	04/12/05	2.47	ND(0.0074)	ND(0.0061)	ND(0.0057)	ND(0.0056)	ND(0.0056)	ND(0.0086)	0.017
HOO17-NS1 (5)	04/13/05	4.32	ND(0.013)	ND(0.011)	ND(0.01)	ND(0.0098)	ND(0.0098)	ND(0.015)	ND(0.016)
HOO17-NS1 (10)	04/13/05	2.24	ND(0.0067)	ND(0.0055)	ND(0.0052)	ND(0.0051)	ND(0.0051)	ND(0.0078)	ND(0.0084)
HOO18-NS1 (5)	04/15/05	2.29	ND(0.0069)	ND(0.0057)	ND(0.0053)	ND(0.0052)	ND(0.0052)	ND(0.008)	0.02
HOO18-NS1 (10)	04/15/05	2.29	ND(0.0069)	ND(0.0057)	ND(0.0053)	ND(0.0052)	ND(0.0052)	ND(0.008)	ND(0.0086)
HOO19-NS1 (5)	04/13/05	2.38	ND(0.0072)	ND(0.0059)	ND(0.0055)	ND(0.0054)	ND(0.0054)	ND(0.0083)	ND(0.009)
HOO19-NS1 (5) Dup	04/13/05	2.69	ND(0.0081)	ND(0.0066)	ND(0.0062)	ND(0.0061)	ND(0.0061)	ND(0.0094)	ND(0.01)
HOO19-NS1 (10)	04/13/05	2.47	ND(0.0074)	0.0079	ND(0.0057)	ND(0.0056)	ND(0.0056)	ND(0.0086)	0.34
HOO20-NS1 (5)	04/13/05	2.09	ND(0.0063)	ND(0.0052)	ND(0.0048)	ND(0.0047)	ND(0.0047)	ND(0.0073)	ND(0.0079)
HOO20-NS1 (10)	04/13/05	2.09	ND(0.0063)	ND(0.0052)	ND(0.0048)	ND(0.0047)	ND(0.0047)	ND(0.0073)	ND(0.0079)
JEF1-NS1 (5)	04/06/05	2.38	ND(0.0072)	ND(0.0059)	ND(0.0055)	ND(0.0054)	ND(0.0054)	ND(0.0083)	ND(0.009)
JEF1-NS1 (5) Dup	04/06/05	2.24	ND(0.0067)	ND(0.0055)	ND(0.0052)	ND(0.0051)	ND(0.0051)	ND(0.0078)	0.015
JEF1-NS1 (10)	04/06/05	2.89	ND(0.0087)	ND(0.0071)	ND(0.0067)	ND(0.0066)	ND(0.0066)	ND(0.01)	ND(0.011)
JEF2-NS1 (5)	04/14/05	2.33	ND(0.007)	ND(0.0058)	ND(0.0054)	ND(0.0053)	ND(0.0053)	ND(0.0081)	ND(0.0088)
JEF2-NS1 (10)	04/14/05	2.42	ND(0.0073)	0.0061	ND(0.0056)	ND(0.0055)	ND(0.0055)	ND(0.0084)	0.013
MON2-NS2 (10)	04/04/05	2.76	ND(0.0083)	ND(0.0068)	ND(0.0064)	ND(0.0063)	ND(0.0063)	ND(0.0096)	ND(0.01)
MON2-NS3 (10)	04/04/05	2.47	ND(0.0074)	ND(0.0061)	ND(0.0057)	ND(0.0056)	ND(0.0056)	ND(0.0086)	ND(0.0093)
MON2-NS3 (10) Dup	04/04/05	2.53	ND(0.0076)	ND(0.0062)	ND(0.0058)	ND(0.0057)	ND(0.0057)	ND(0.0088)	ND(0.0095)
MON2-NS4 (10)	04/04/05	2.64	ND(0.0079)	ND(0.0065)	ND(0.0061)	ND(0.006)	ND(0.006)	ND(0.0092)	ND(0.0099)
MON3-NS1 (10)	04/05/05	2.76	ND(0.0083)	ND(0.0068)	ND(0.0064)	ND(0.0063)	ND(0.0063)	ND(0.0096)	ND(0.01)
OHI2-NS1 (5)	04/06/05	2.76	ND(0.0083)	ND(0.0068)	ND(0.0064)	ND(0.0063)	ND(0.0063)	ND(0.0096)	ND(0.01)
OHI2-NS1 (5) Dup	04/06/05	2.53	ND(0.0076)	ND(0.0062)	ND(0.0058)	ND(0.0057)	ND(0.0057)	ND(0.0088)	ND(0.0095)

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Table 5c. Soil-Gas Analytical Results for Near-Slab Samples Summary Table, Water Treatment and Other Chemicals, Chevron Cincinnati Facility, Hooven, Ohio.

Near-Slab Sample ID	Date	TO-15 Dilution Factor	1,4-Dichlorobenzene (mg/m³)	Dichlorodifluoromethane (mg/m³)	1,2-Dichloropropane (mg/m³)	cis-1,3-Dichloropropene (mg/m³)	trans-1,3-Dichloropropene (mg/m³)	1,2-Dichloro-1,1,2,2-tetrafluoroethane (mg/m³)	Ethanol (mg/m³)
OHI2-NS1 (10)	04/06/05	2.42	ND(0.0073)	ND(0.006)	ND(0.0056)	ND(0.0055)	ND(0.0055)	ND(0.0084)	0.023
OHI3-NS1 (5)	04/14/05	2.53	ND(0.0076)	ND(0.0062)	ND(0.0058)	ND(0.0057)	ND(0.0057)	ND(0.0088)	3.1 E
OHI3-NS1 (10)	04/14/05	2.58	ND(0.0078)	ND(0.0064)	ND(0.006)	ND(0.0058)	ND(0.0058)	ND(0.009)	ND(0.0097)
OHI5-NS1 (5)	04/06/05	2.33	ND(0.007)	ND(0.0058)	ND(0.0054)	ND(0.0053)	ND(0.0053)	ND(0.0081)	0.0094
OHI5-NS1 (10)	04/06/05	2.53	ND(0.0076)	ND(0.0062)	ND(0.0058)	ND(0.0057)	ND(0.0057)	ND(0.0088)	ND(0.0095)
OHI6-NS1 (5)	04/06/05	2.38	ND(0.0072)	ND(0.0059)	ND(0.0055)	ND(0.0054)	ND(0.0054)	ND(0.0083)	ND(0.009)
OHI6-NS1 (10)	04/06/05	2.38	ND(0.0072)	ND(0.0059)	ND(0.0055)	ND(0.0054)	ND(0.0054)	ND(0.0083)	0.02
OHI7-NS1 (5)	04/11/05	2.47	ND(0.0074)	ND(0.0061)	ND(0.0057)	ND(0.0056)	ND(0.0056)	ND(0.0086)	ND(0.0093)
OHI7-NS1 (5) Dup	04/11/05	2.53	ND(0.0076)	ND(0.0062)	ND(0.0058)	ND(0.0057)	ND(0.0057)	ND(0.0088)	0.011
OHI7-NS1 (10)	04/11/05	2.96	ND(0.0089)	ND(0.0073)	ND(0.0068)	ND(0.0067)	ND(0.0067)	ND(0.01)	ND(0.011)
OHI8-NS1 (5)	04/13/05	2.42	ND(0.0073)	ND(0.006)	ND(0.0056)	ND(0.0055)	ND(0.0055)	ND(0.0084)	ND(0.0091)
OHI8-NS1 (10)	04/13/05	2.24	ND(0.0067)	ND(0.0055)	ND(0.0052)	ND(0.0051)	ND(0.0051)	ND(0.0078)	0.04
OHI9-NS1 (5)	04/15/05	2.58	ND(0.0078)	ND(0.0064)	ND(0.006)	ND(0.0058)	ND(0.0058)	ND(0.009)	ND(0.0097)
OHI9-NS1 (10)	04/15/05	2.29	ND(0.0069)	ND(0.0057)	ND(0.0053)	ND(0.0052)	ND(0.0052)	ND(0.008)	0.01
WAS1-NS1 (5)	04/07/05	2.89	ND(0.0087)	ND(0.0071)	ND(0.0067)	ND(0.0066)	ND(0.0066)	ND(0.01)	ND(0.011)
WAS1-NS1 (10)	04/07/05	2.76	ND(0.0083)	ND(0.0068)	ND(0.0064)	ND(0.0063)	ND(0.0063)	ND(0.0096)	ND(0.01)
WAS2-NS1 (5)	04/06/05	2.96	ND(0.0089)	ND(0.0073)	ND(0.0068)	ND(0.0067)	ND(0.0067)	ND(0.01)	ND(0.011)
WAS2-NS1 (10)	04/06/05	2.38	ND(0.0072)	ND(0.0059)	ND(0.0055)	ND(0.0054)	ND(0.0054)	ND(0.0083)	ND(0.009)

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Table 5c. Soil-Gas Analytical Results for Near-Slab Samples Summary Table, Water Treatment and Other Chemicals, Chevron Cincinnati Facility, Hooven, Ohio.

Near-Slab Sample ID	Date	TO-15 Dilution Factor	1,2,4-Trichlorobenzene (mg/m³)	Trichlorofluoromethane (mg/m³)	1,1,2-Trichlorotrifluoroethane (mg/m³)	Bromodichloromethane (mg/m³)	Bromoform (mg/m³)	Chloroform (mg/m³)	Dibromochloromethane (mg/m³)
ADA1-NS1 (5)	04/06/05	2.33	ND(0.034)	ND(0.0065)	ND(0.0089)	ND(0.0078)	ND(0.012)	ND(0.0057)	ND(0.0099)
ADA1-NS1 (10)	04/06/05	2.76	ND(0.041)	ND(0.0078)	ND(0.01)	ND(0.0092)	ND(0.014)	ND(0.0067)	ND(0.012)
ADA1-NS1 (10) Dup	04/06/05	2.47	ND(0.037)	ND(0.0069)	ND(0.0095)	ND(0.0083)	ND(0.013)	ND(0.006)	ND(0.01)
CHI10-NS1 (5)	04/12/05	2.64	ND(0.039)J	ND(0.0074)	ND(0.01)	ND(0.0088)	ND(0.014)	ND(0.0064)	ND(0.011)
CHI10-NS1 (10)	04/12/05	2.58	ND(0.038)	ND(0.0072)	ND(0.0099)	ND(0.0086)	ND(0.013)	ND(0.0063)	ND(0.011)
CHI1-NS1 (5)	04/08/05	2.47	ND(0.037)	ND(0.0069)	ND(0.0095)	ND(0.0083)	ND(0.013)	ND(0.006)	ND(0.01)
CHI1-NS1 (10)	04/08/05	2.29	ND(0.034)	ND(0.0064)	ND(0.0088)	ND(0.0077)	ND(0.012)	ND(0.0056)	ND(0.0098)
CHI1-NS2 (5)	04/08/05	2.58	ND(0.038)	ND(0.0072)	ND(0.0099)	ND(0.0086)	ND(0.013)	ND(0.0063)	ND(0.011)
CHI1-NS2 (10)	04/08/05	2.42	ND(0.036)	ND(0.0068)	ND(0.0093)	ND(0.0081)	ND(0.012)	ND(0.0059)	ND(0.01)
CHI1-NS3 (5)	04/08/05	2.42	ND(0.036)	ND(0.0068)	ND(0.0093)	ND(0.0081)	ND(0.012)	ND(0.0059)	ND(0.01)
CHI1-NS3 (10)	04/08/05	2.47	ND(0.037)	ND(0.0069)	ND(0.0095)	ND(0.0083)	ND(0.013)	ND(0.006)	ND(0.01)
CHI1-NS4 (5)	04/08/05	2.53	ND(0.038)	ND(0.0071)	ND(0.0097)	ND(0.0085)	ND(0.013)	ND(0.0062)	ND(0.011)
CHI1-NS4 (10)	04/08/05	2.47	ND(0.037)	ND(0.0069)	ND(0.0095)	ND(0.0083)	ND(0.013)	ND(0.006)	ND(0.01)
CHI2-NS1 (5)	04/08/05	2.13	ND(0.032)	ND(0.006)	ND(0.0082)	ND(0.0071)	ND(0.011)	ND(0.0052)	ND(0.0091)
CHI2-NS1 (10)	04/08/05	4.66	ND(0.069)	ND(0.013)	ND(0.018)	ND(0.016)	ND(0.024)	ND(0.011)	ND(0.02)
CHI3-NS1 (5)	04/11/05	2.64	ND(0.039)	ND(0.0074)	ND(0.01)	ND(0.0088)	ND(0.014)	ND(0.0064)	ND(0.011)
CHI3-NS1 (10)	04/11/05	2.53	ND(0.038)	ND(0.0071)	ND(0.0097)	ND(0.0085)	ND(0.013)	ND(0.0062)	ND(0.011)
CHI3-NS1 (10) Dup	04/11/05	2.53	ND(0.038)	ND(0.0071)	ND(0.0097)	ND(0.0085)	ND(0.013)	ND(0.0062)	ND(0.011)
CHI4-NS1 (5)	04/08/05	2.29	ND(0.034)	ND(0.0064)	ND(0.0088)	ND(0.0077)	ND(0.012)	ND(0.0056)	ND(0.0098)
CHI4-NS1 (10)	04/08/05	2.24	ND(0.033)	ND(0.0063)	ND(0.0086)	ND(0.0075)	ND(0.012)	ND(0.0055)	ND(0.0095)
CHI5-NS1 (5)	04/08/05	2.58	ND(0.038)	ND(0.0072)	ND(0.0099)	ND(0.0086)	ND(0.013)	ND(0.0063)	ND(0.011)
CHI5-NS1 (10)	04/08/05	2.47	ND(0.037)	ND(0.0069)	ND(0.0095)	ND(0.0083)	ND(0.013)	ND(0.006)	ND(0.01)
CHI6-NS1 (5)	04/08/05	2.47	ND(0.037)	ND(0.0069)	ND(0.0095)	ND(0.0083)	ND(0.013)	ND(0.006)	ND(0.01)
CHI6-NS1 (10)	04/08/05	2.53	ND(0.038)	ND(0.0071)	ND(0.0097)	ND(0.0085)	ND(0.013)	0.052	ND(0.011)
CHI8-NS1 (10)	04/09/05	2.38	ND(0.035)	ND(0.0067)	ND(0.0091)	ND(0.008)	ND(0.012)	ND(0.0058)	ND(0.01)
CHI8-NS2 (5)	04/09/05	2.89	ND(0.043)J	ND(0.0081)	ND(0.011)	ND(0.0097)	ND(0.015)	ND(0.007)	ND(0.012)
CHI8-NS2 (10)	04/09/05	2.82	ND(0.042)	ND(0.0079)	ND(0.011)	ND(0.0094)	ND(0.014)	ND(0.0069)	ND(0.012)
CHI9-NS1 (5)	04/11/05	2.38	ND(0.035)	ND(0.0067)	ND(0.0091)	ND(0.008)	ND(0.012)	ND(0.0058)	ND(0.01)
CHI9-NS1 (10)	04/11/05	2.47	ND(0.037)	ND(0.0069)	ND(0.0095)	ND(0.0083)	ND(0.013)	ND(0.006)	ND(0.01)
HOO1-NS1 (5)	04/06/05	2.29	ND(0.034)	ND(0.0064)	ND(0.0088)	ND(0.0077)	ND(0.012)	ND(0.0056)	ND(0.0098)
HOO1-NS1 (10)	04/06/05	2.47	ND(0.037)	ND(0.0069)	ND(0.0095)	ND(0.0083)	ND(0.013)	ND(0.006)	ND(0.01)
HOO2-NS1 (5)	04/12/05	2.42	ND(0.036)	ND(0.0068)	ND(0.0093)	ND(0.0081)	ND(0.012)	ND(0.0059)	ND(0.01)
HOO2-NS1 (10)	04/12/05	2.69	ND(0.04)J	ND(0.0076)	ND(0.01)	ND(0.009)	ND(0.014)	ND(0.0066)	ND(0.011)
HOO2-NS1 (10) Dup	04/12/05	2.47	ND(0.037)J	ND(0.0069)	ND(0.0095)	ND(0.0083)	ND(0.013)	ND(0.006)	ND(0.01)
HOO3-NS1 (5)	04/13/05	2.16	ND(0.032)	ND(0.0061)	ND(0.0083)	ND(0.0072)	ND(0.011)	ND(0.0053)	ND(0.0092)
HOO3-NS1 (10)	04/13/05	2.29	ND(0.034)	ND(0.0064)	ND(0.0088)	ND(0.0077)	ND(0.012)	ND(0.0056)	ND(0.0098)

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Table 5c. Soil-Gas Analytical Results for Near-Slab Samples Summary Table, Water Treatment and Other Chemicals, Chevron Cincinnati Facility, Hooven, Ohio.

Near-Slab Sample ID	Date	TO-15 Dilution Factor	1,2,4-Trichlorobenzene (mg/m³)	Trichlorofluoromethane (mg/m³)	1,1,2-Trichlorotrifluoroethane (mg/m³)	Bromodichloromethane (mg/m³)	Bromoform (mg/m³)	Chloroform (mg/m³)	Dibromochloromethane (mg/m³)
HOO4-NS1 (5)	04/06/05	2.64	ND(0.039)	ND(0.0074)	ND(0.01)	ND(0.0088)	ND(0.014)	ND(0.0064)	ND(0.011)
HOO4-NS1 (10)	04/06/05	2.58	ND(0.038)	0.0081	ND(0.0099)	0.073	ND(0.013)	0.17	0.039
HOO5-NS1 (5)	04/07/05	2.96	ND(0.044)	ND(0.0083)	ND(0.011)	ND(0.0099)	ND(0.015)	ND(0.0072)	ND(0.013)
HOO5-NS1 (5) Dup	04/07/05	2.96	ND(0.044)	ND(0.0083)	ND(0.011)	ND(0.0099)	ND(0.015)	ND(0.0072)	ND(0.013)
HOO5-NS1 (10)	04/07/05	2.76	ND(0.041)	ND(0.0078)	ND(0.01)	ND(0.0092)	ND(0.014)	ND(0.0067)	ND(0.012)
HOO8-NS1 (5)	04/13/05	2.38	ND(0.035)	ND(0.0067)	ND(0.0091)	ND(0.008)	ND(0.012)	ND(0.0058)	ND(0.01)
HOO8-NS1 (10)	04/13/05	2.53	ND(0.038)	ND(0.0071)	ND(0.0097)	ND(0.0085)	ND(0.013)	ND(0.0062)	ND(0.011)
HOO12-NS1 (5)	04/12/05	2.38	ND(0.035)	ND(0.0067)	ND(0.0091)	ND(0.008)	ND(0.012)	ND(0.0058)	ND(0.01)
HOO12-NS1 (10)	04/12/05	2.29	ND(0.034)	ND(0.0064)	ND(0.0088)	ND(0.0077)	ND(0.012)	ND(0.0056)	ND(0.0098)
HOO12-NS1 (10) Dup	04/12/05	2.24	ND(0.033)	ND(0.0063)	ND(0.0086)	ND(0.0075)	ND(0.012)	ND(0.0055)	ND(0.0095)
HOO15-NS1 (5)	04/06/05	2.58	ND(0.038)	ND(0.0072)	ND(0.0099)	ND(0.0086)	ND(0.013)	0.038	ND(0.011)
HOO15-NS1 (10)	04/06/05	2.58	ND(0.038)	ND(0.0072)	ND(0.0099)	ND(0.0086)	ND(0.013)	0.017	ND(0.011)
HOO16-NS1 (5)	04/12/05	2.33	ND(0.034)	ND(0.0065)	ND(0.0089)	ND(0.0078)	ND(0.012)	ND(0.0057)	ND(0.0099)
HOO16-NS1 (10)	04/12/05	2.47	ND(0.037)	ND(0.0069)	ND(0.0095)	ND(0.0083)	ND(0.013)	ND(0.006)	ND(0.01)
HOO17-NS1 (5)	04/13/05	4.32	ND(0.064)	ND(0.012)	ND(0.016)	ND(0.014)	ND(0.022)	ND(0.01)	ND(0.018)
HOO17-NS1 (10)	04/13/05	2.24	ND(0.033)	ND(0.0063)	ND(0.0086)	ND(0.0075)	ND(0.012)	ND(0.0055)	ND(0.0095)
HOO18-NS1 (5)	04/15/05	2.29	ND(0.034)	ND(0.0064)	ND(0.0088)	ND(0.0077)	ND(0.012)	ND(0.0056)	ND(0.0098)
HOO18-NS1 (10)	04/15/05	2.29	ND(0.034)	ND(0.0064)	ND(0.0088)	ND(0.0077)	ND(0.012)	ND(0.0056)	ND(0.0098)
HOO19-NS1 (5)	04/13/05	2.38	ND(0.035)	ND(0.0067)	ND(0.0091)	ND(0.008)	ND(0.012)	ND(0.0058)	ND(0.01)
HOO19-NS1 (5) Dup	04/13/05	2.69	ND(0.04)	ND(0.0076)	ND(0.01)	ND(0.009)	ND(0.014)	ND(0.0066)	ND(0.011)
HOO19-NS1 (10)	04/13/05	2.47	ND(0.037)	0.0072	ND(0.0095)	ND(0.0083)	ND(0.013)	ND(0.006)	ND(0.01)
HOO20-NS1 (5)	04/13/05	2.09	ND(0.031)	ND(0.0059)	ND(0.008)	ND(0.007)	ND(0.011)	ND(0.0051)	ND(0.0089)
HOO20-NS1 (10)	04/13/05	2.09	ND(0.031)	ND(0.0059)	ND(0.008)	ND(0.007)	ND(0.011)	ND(0.0051)	ND(0.0089)
JEF1-NS1 (5)	04/06/05	2.38	ND(0.035)	ND(0.0067)	ND(0.0091)	ND(0.008)	ND(0.012)	ND(0.0058)	ND(0.01)
JEF1-NS1 (5) Dup	04/06/05	2.24	ND(0.033)	ND(0.0063)	ND(0.0086)	ND(0.0075)	ND(0.012)	ND(0.0055)	ND(0.0095)
JEF1-NS1 (10)	04/06/05	2.89	ND(0.043)	ND(0.0081)	ND(0.011)	ND(0.0097)	ND(0.015)	ND(0.007)	ND(0.012)
JEF2-NS1 (5)	04/14/05	2.33	ND(0.034)	ND(0.0065)	ND(0.0089)	ND(0.0078)	ND(0.012)	ND(0.0057)	ND(0.0099)
JEF2-NS1 (10)	04/14/05	2.42	ND(0.036)	ND(0.0068)	ND(0.0093)	ND(0.0081)	ND(0.012)	ND(0.0059)	ND(0.01)
MON2-NS2 (10)	04/04/05	2.76	ND(0.041)	ND(0.0078)	ND(0.01)	ND(0.0092)	ND(0.014)	ND(0.0067)	ND(0.012)
MON2-NS3 (10)	04/04/05	2.47	ND(0.037)	ND(0.0069)	ND(0.0095)	ND(0.0083)	ND(0.013)	ND(0.006)	ND(0.01)
MON2-NS3 (10) Dup	04/04/05	2.53	ND(0.038)	ND(0.0071)	ND(0.0097)	ND(0.0085)	ND(0.013)	ND(0.0062)	ND(0.011)
MON2-NS4 (10)	04/04/05	2.64	ND(0.039)	ND(0.0074)	ND(0.01)	ND(0.0088)	ND(0.014)	ND(0.0064)	ND(0.011)
MON3-NS1 (10)	04/05/05	2.76	ND(0.041)	0.011	ND(0.01)	ND(0.0092)	ND(0.014)	ND(0.0067)	ND(0.012)
OHI2-NS1 (5)	04/06/05	2.76	ND(0.041)	ND(0.0078)	ND(0.01)	ND(0.0092)	ND(0.014)	ND(0.0067)	ND(0.012)
OHI2-NS1 (5) Dup	04/06/05	2.53	ND(0.038)	ND(0.0071)	ND(0.0097)	ND(0.0085)	ND(0.013)	ND(0.0062)	ND(0.011)

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Table 5c. Soil-Gas Analytical Results for Near-Slab Samples Summary Table, Water Treatment and Other Chemicals, Chevron Cincinnati Facility, Hooven, Ohio.

Near-Slab Sample ID	Date	TO-15 Dilution Factor	1,2,4-Trichlorobenzene (mg/m³)	Trichlorofluoromethane (mg/m³)	1,1,2-Trichlorotrifluoroethane (mg/m³)	Bromodichloromethane (mg/m³)	Bromoform (mg/m³)	Chloroform (mg/m³)	Dibromochloromethane (mg/m³)
OHI2-NS1 (10)	04/06/05	2.42	ND(0.036)	ND(0.0068)	ND(0.0093)	ND(0.0081)	ND(0.012)	ND(0.0059)	ND(0.01)
OHI3-NS1 (5)	04/14/05	2.53	ND(0.038)	ND(0.0071)	ND(0.0097)	ND(0.0085)	ND(0.013)	ND(0.0062)	ND(0.011)
OHI3-NS1 (10)	04/14/05	2.58	ND(0.038)	ND(0.0072)	ND(0.0099)	ND(0.0086)	ND(0.013)	ND(0.0063)	ND(0.011)
OHI5-NS1 (5)	04/06/05	2.33	ND(0.034)	ND(0.0065)	ND(0.0089)	ND(0.0078)	ND(0.012)	ND(0.0057)	ND(0.0099)
OHI5-NS1 (10)	04/06/05	2.53	ND(0.038)	ND(0.0071)	ND(0.0097)	ND(0.0085)	ND(0.013)	ND(0.0062)	ND(0.011)
OHI6-NS1 (5)	04/06/05	2.38	ND(0.035)	ND(0.0067)	ND(0.0091)	ND(0.008)	ND(0.012)	0.086	ND(0.01)
OHI6-NS1 (10)	04/06/05	2.38	ND(0.035)	ND(0.0067)	ND(0.0091)	ND(0.008)	ND(0.012)	ND(0.0058)	ND(0.01)
OHI7-NS1 (5)	04/11/05	2.47	ND(0.037)	ND(0.0069)	ND(0.0095)	ND(0.0083)	ND(0.013)	ND(0.006)	ND(0.01)
OHI7-NS1 (5) Dup	04/11/05	2.53	ND(0.038)	ND(0.0071)	ND(0.0097)	ND(0.0085)	ND(0.013)	ND(0.0062)	ND(0.011)
OHI7-NS1 (10)	04/11/05	2.96	ND(0.044)	ND(0.0083)	ND(0.011)	ND(0.0099)	ND(0.015)	ND(0.0072)	ND(0.013)
OHI8-NS1 (5)	04/13/05	2.42	ND(0.036)J	ND(0.0068)	ND(0.0093)	ND(0.0081)	ND(0.012)	ND(0.0059)	ND(0.01)
OHI8-NS1 (10)	04/13/05	2.24	ND(0.033)	ND(0.0063)	ND(0.0086)	ND(0.0075)	ND(0.012)	ND(0.0055)	ND(0.0095)
OHI9-NS1 (5)	04/15/05	2.58	ND(0.038)	ND(0.0072)	ND(0.0099)	ND(0.0086)	ND(0.013)	ND(0.0063)	ND(0.011)
OHI9-NS1 (10)	04/15/05	2.29	ND(0.034)	ND(0.0064)	ND(0.0088)	ND(0.0077)	ND(0.012)	ND(0.0056)	ND(0.0098)
WAS1-NS1 (5)	04/07/05	2.89	ND(0.043)	ND(0.0081)	ND(0.011)	ND(0.0097)	ND(0.015)	ND(0.007)	ND(0.012)
WAS1-NS1 (10)	04/07/05	2.76	ND(0.041)	ND(0.0078)	ND(0.01)	ND(0.0092)	ND(0.014)	ND(0.0067)	ND(0.012)
WAS2-NS1 (5)	04/06/05	2.96	ND(0.044)	ND(0.0083)	ND(0.011)	ND(0.0099)	ND(0.015)	2.5	ND(0.013)
WAS2-NS1 (10)	04/06/05	2.38	ND(0.035)	ND(0.0067)	ND(0.0091)	ND(0.008)	ND(0.012)	ND(0.0058)	ND(0.01)

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Table 5d. Soil-Gas Analytical Results for Near-Slab Samples Summary Table, ASTM-D-1945 Analytes, Chevron Cincinnati Facility, Hooven, Ohio.

Near-Slab Sample ID	Date	ASTM Dilution Factor	Oxygen (%)	Carbon Dioxide (%)	Methane (%)	Acetylene (%)	Butane (%)	C6 Plus (%)	Carbon Monoxide (%)	2,2-dimethyl-Propane (%)
ADA1-NS1 (5)	04/06/05	2.33	19	0.52	ND(0.00023)	ND(0.0023)	ND(0.0023)	ND(0.023)	ND(0.023)	ND(0.0023)
ADA1-NS1 (10)	04/06/05	2.76	19	0.56	ND(0.00028)	ND(0.0028)	ND(0.0028)	ND(0.028)	ND(0.028)	ND(0.0028)
ADA1-NS1 (10) Dup	04/06/05	2.47	19	0.56	ND(0.00025)	ND(0.0025)	ND(0.0025)	ND(0.025)	ND(0.025)	ND(0.0025)
CHI10-NS1 (5)	04/12/05	2.64	20	0.13	ND(0.00026)	ND(0.0026)	ND(0.0026)	ND(0.026)	ND(0.026)	ND(0.0026)
CHI10-NS1 (10)	04/12/05	2.58	18	0.38	ND(0.00026)	ND(0.0026)	ND(0.0026)	ND(0.026)	ND(0.026)	ND(0.0026)
CHI1-NS1 (5)	04/08/05	2.47	18	0.67	ND(0.00025)	ND(0.0025)	ND(0.0025)	ND(0.025)	ND(0.025)	ND(0.0025)
CHI1-NS1 (10)	04/08/05	2.29	15	2.0	ND(0.00023)	ND(0.0023)	ND(0.0023)	ND(0.023)	ND(0.023)	ND(0.0023)
CHI1-NS2 (5)	04/08/05	2.58	18	0.54	ND(0.00026)	ND(0.0026)	ND(0.0026)	ND(0.026)	ND(0.026)	ND(0.0026)
CHI1-NS2 (10)	04/08/05	2.42	17	1.1	ND(0.00024)	ND(0.0024)	ND(0.0024)	ND(0.024)	ND(0.024)	ND(0.0024)
CHI1-NS3 (5)	04/08/05	2.42	19	0.4	ND(0.00024)	ND(0.0024)	ND(0.0024)	ND(0.024)	ND(0.024)	ND(0.0024)
CHI1-NS3 (10)	04/08/05	2.47	14	2.3	ND(0.00025)	ND(0.0025)	ND(0.0025)	ND(0.025)	ND(0.025)	ND(0.0025)
CHI1-NS4 (5)	04/08/05	2.53	18	0.61	ND(0.00025)	ND(0.0025)	ND(0.0025)	ND(0.025)	ND(0.025)	ND(0.0025)
CHI1-NS4 (10)	04/08/05	2.47	15	2.1	ND(0.00025)	ND(0.0025)	ND(0.0025)	ND(0.025)	ND(0.025)	ND(0.0025)
CHI2-NS1 (5)	04/08/05	2.13	18	0.19	ND(0.00021)	ND(0.0021)	ND(0.0021)	ND(0.021)	ND(0.021)	ND(0.0021)
CHI2-NS1 (10)	04/08/05	2.33	18	0.77	0.00076	ND(0.0023)	ND(0.0023)	ND(0.023)	ND(0.023)	ND(0.0023)
CHI3-NS1 (5)	04/11/05	2.64	20	0.41	ND(0.00026)	ND(0.0026)	ND(0.0026)	ND(0.026)	ND(0.026)	ND(0.0026)
CHI3-NS1 (10)	04/11/05	2.53	20	0.59	ND(0.00025)	ND(0.0025)	ND(0.0025)	ND(0.025)	ND(0.025)	ND(0.0025)
CHI3-NS1 (10) Dup	04/11/05	2.53	20	0.56	ND(0.00025)	ND(0.0025)	ND(0.0025)	ND(0.025)	ND(0.025)	ND(0.0025)
CHI4-NS1 (5)	04/08/05	2.29	19	0.11	ND(0.00023)	ND(0.0023)	ND(0.0023)	ND(0.023)	ND(0.023)	ND(0.0023)
CHI4-NS1 (10)	04/08/05	2.24	16	1.0	ND(0.00022)	ND(0.0022)	ND(0.0022)	ND(0.022)	ND(0.022)	ND(0.0022)
CHI5-NS1 (5)	04/08/05	2.58	18	0.37	ND(0.00026)	ND(0.0026)	ND(0.0026)	ND(0.026)	ND(0.026)	ND(0.0026)
CHI5-NS1 (10)	04/08/05	2.47	16	1.1	ND(0.00025)	ND(0.0025)	ND(0.0025)	ND(0.025)	ND(0.025)	ND(0.0025)
CHI6-NS1 (5)	04/08/05	2.47	20	0.2	ND(0.00025)	ND(0.0025)	ND(0.0025)	ND(0.025)	ND(0.025)	ND(0.0025)
CHI6-NS1 (10)	04/08/05	2.53	20	0.18	ND(0.00025)	ND(0.0025)	ND(0.0025)	ND(0.025)	ND(0.025)	ND(0.0025)
CHI8-NS1 (10)	04/09/05	3.47	19	0.2	ND(0.00035)	ND(0.0035)	ND(0.0035)	ND(0.035)	ND(0.035)	ND(0.0035)
CHI8-NS2 (5)	04/09/05	2.89	19	0.44	ND(0.00029)	ND(0.0029)	ND(0.0029)	ND(0.029)	ND(0.029)	ND(0.0029)
CHI8-NS2 (10)	04/09/05	2.82	17	1.8	ND(0.00028)	ND(0.0028)	ND(0.0028)	ND(0.028)	ND(0.028)	ND(0.0028)
CHI9-NS1 (5)	04/11/05	2.38	20	0.33	ND(0.00024)	ND(0.0024)	ND(0.0024)	ND(0.024)	ND(0.024)	ND(0.0024)
CHI9-NS1 (10)	04/11/05	2.47	20	0.55	ND(0.00025)	ND(0.0025)	ND(0.0025)	ND(0.025)	ND(0.025)	ND(0.0025)
HOO1-NS1 (5)	04/06/05	2.29	19	0.54	ND(0.00023)	ND(0.0023)	ND(0.0023)	ND(0.023)	ND(0.023)	ND(0.0023)
HOO1-NS1 (10)	04/06/05	2.47	18	0.4	ND(0.00025)	ND(0.0025)	ND(0.0025)	ND(0.025)	ND(0.025)	ND(0.0025)
HOO2-NS1 (5)	04/12/05	2.42	18	1.0	ND(0.00024)	ND(0.0024)	ND(0.0024)	ND(0.024)	ND(0.024)	ND(0.0024)
HOO2-NS1 (10)	04/12/05	2.69	18	0.47	ND(0.00027)	ND(0.0027)	ND(0.0027)	ND(0.027)	ND(0.027)	ND(0.0027)
HOO2-NS1 (10) Dup	04/12/05	2.47	17	0.48	ND(0.00025)	ND(0.0025)	ND(0.0025)	ND(0.025)	ND(0.025)	ND(0.0025)
HOO3-NS1 (5)	04/13/05	2.16	20	0.42	ND(0.00022)	ND(0.0022)	ND(0.0022)	ND(0.022)	ND(0.022)	ND(0.0022)
HOO3-NS1 (10)	04/13/05	2.29	19	0.46	0.00024	ND(0.0023)	ND(0.0023)	ND(0.023)	ND(0.023)	ND(0.0023)

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Table 5d. Soil-Gas Analytical Results for Near-Slab Samples Summary Table, ASTM-D-1945 Analytes, Chevron Cincinnati Facility, Hooven, Ohio.

Near-Slab Sample ID	Date	ASTM Dilution Factor	Oxygen (%)	Carbon Dioxide (%)	Methane (%)	Acetylene (%)	Butane (%)	C6 Plus (%)	Carbon Monoxide (%)	2,2-dimethyl-Propane (%)
HOO4-NS1 (5)	04/06/05	2.64	18	0.74	ND(0.00026)	ND(0.0026)	ND(0.0026)	ND(0.026)	ND(0.026)	ND(0.0026)
HOO4-NS1 (10)	04/06/05	2.58	16	1.6	ND(0.00026)	ND(0.0026)	ND(0.0026)	ND(0.026)	ND(0.026)	ND(0.0026)
HOO5-NS1 (5)	04/07/05	2.96	18	0.83	ND(0.0003)	ND(0.003)	ND(0.003)	ND(0.03)	ND(0.03)	ND(0.003)
HOO5-NS1 (5) Dup	04/07/05	2.96	18	0.82	ND(0.0003)	ND(0.003)	ND(0.003)	ND(0.03)	ND(0.03)	ND(0.003)
HOO5-NS1 (10)	04/07/05	2.76	16	1.3	ND(0.00028)	ND(0.0028)	ND(0.0028)	ND(0.028)	ND(0.028)	ND(0.0028)
HOO8-NS1 (5)	04/13/05	2.38	18	1.3	ND(0.00024)	ND(0.0024)	ND(0.0024)	ND(0.024)	ND(0.024)	ND(0.0024)
HOO8-NS1 (10)	04/13/05	2.53	18	1.2	ND(0.00025)	ND(0.0025)	ND(0.0025)	ND(0.025)	ND(0.025)	ND(0.0025)
HOO12-NS1 (5)	04/12/05	2.38	19	0.25	ND(0.00024)	ND(0.0024)	ND(0.0024)	ND(0.024)	ND(0.024)	ND(0.0024)
HOO12-NS1 (10)	04/12/05	2.29	20	0.33	ND(0.00023)	ND(0.0023)	ND(0.0023)	ND(0.023)	ND(0.023)	ND(0.0023)
HOO12-NS1 (10) Dup	04/12/05	2.24	19	0.33	ND(0.00022)	ND(0.0022)	ND(0.0022)	ND(0.022)	ND(0.022)	ND(0.0022)
HOO15-NS1 (5)	04/06/05	2.58	19	0.59	ND(0.00026)	ND(0.0026)	ND(0.0026)	ND(0.026)	ND(0.026)	ND(0.0026)
HOO15-NS1 (10)	04/06/05	2.58	17	2.0	ND(0.00026)	ND(0.0026)	ND(0.0026)	ND(0.026)	ND(0.026)	ND(0.0026)
HOO16-NS1 (5)	04/12/05	2.33	20	0.4	ND(0.00023)	ND(0.0023)	ND(0.0023)	ND(0.023)	ND(0.023)	ND(0.0023)
HOO16-NS1 (10)	04/12/05	2.47	14	1.7	ND(0.00025)	ND(0.0025)	ND(0.0025)	ND(0.025)	ND(0.025)	ND(0.0025)
HOO17-NS1 (5)	04/13/05	2.16	20	0.61	ND(0.00022)	ND(0.0022)	ND(0.0022)	ND(0.022)	ND(0.022)	ND(0.0022)
HOO17-NS1 (10)	04/13/05	2.24	20	0.66	ND(0.00022)	ND(0.0022)	ND(0.0022)	ND(0.022)	ND(0.022)	ND(0.0022)
HOO18-NS1 (5)	04/15/05	2.29	20	0.32	ND(0.00023)	ND(0.0023)	ND(0.0023)	ND(0.023)	ND(0.023)	ND(0.0023)
HOO18-NS1 (10)	04/15/05	2.29	19	0.6	ND(0.00023)	ND(0.0023)	ND(0.0023)	ND(0.023)	ND(0.023)	ND(0.0023)
HOO19-NS1 (5)	04/13/05	2.38	19	0.8	ND(0.00024)	ND(0.0024)	ND(0.0024)	ND(0.024)	ND(0.024)	ND(0.0024)
HOO19-NS1 (5) Dup	04/13/05	2.69	19	0.79	ND(0.00027)	ND(0.0027)	ND(0.0027)	ND(0.027)	ND(0.027)	ND(0.0027)
HOO19-NS1 (10)	04/13/05	2.47	18	1.4	ND(0.00025)	ND(0.0025)	ND(0.0025)	ND(0.025)	ND(0.025)	ND(0.0025)
HOO20-NS1 (5)	04/13/05	2.09	20	0.35	ND(0.00021)	ND(0.0021)	ND(0.0021)	ND(0.021)	ND(0.021)	ND(0.0021)
HOO20-NS1 (10)	04/13/05	2.09	19	0.36	ND(0.00021)	ND(0.0021)	ND(0.0021)	ND(0.021)	ND(0.021)	ND(0.0021)
JEF1-NS1 (5)	04/06/05	2.38	18	1.1	ND(0.00024)	ND(0.0024)	ND(0.0024)	ND(0.024)	ND(0.024)	ND(0.0024)
JEF1-NS1 (5) Dup	04/06/05	2.24	18	1.1	ND(0.00022)	ND(0.0022)	ND(0.0022)	ND(0.022)	ND(0.022)	ND(0.0022)
JEF1-NS1 (10)	04/06/05	2.89	18	1.0	ND(0.00029)	ND(0.0029)	ND(0.0029)	ND(0.029)	ND(0.029)	ND(0.0029)
JEF2-NS1 (5)	04/14/05	2.33	20	0.71	ND(0.00023)	ND(0.0023)	ND(0.0023)	ND(0.023)	ND(0.023)	ND(0.0023)
JEF2-NS1 (10)	04/14/05	2.42	16	1.1	0.0013	ND(0.0024)	ND(0.0024)	ND(0.024)	ND(0.024)	ND(0.0024)
MON2-NS2 (10)	04/04/05	2.76	13	3.9	0.0026	ND(0.0028)	ND(0.0028)	ND(0.028)	ND(0.028)	ND(0.0028)
MON2-NS3 (10)	04/04/05	2.47	16	2.2	ND(0.00025)	ND(0.0025)	ND(0.0025)	ND(0.025)	ND(0.025)	ND(0.0025)
MON2-NS3 (10) Dup	04/04/05	2.53	16	2.3	ND(0.00025)	ND(0.0025)	ND(0.0025)	ND(0.025)	ND(0.025)	ND(0.0025)
MON2-NS4 (10)	04/04/05	2.64	16	2.1	ND(0.00026)	ND(0.0026)	ND(0.0026)	ND(0.026)	ND(0.026)	ND(0.0026)
MON3-NS1 (10)	04/05/05	2.76	16	1.2	ND(0.00028)	ND(0.0028)	ND(0.0028)	ND(0.028)	ND(0.028)	ND(0.0028)
OHI2-NS1 (5)	04/06/05	2.76	18	0.67	ND(0.00028)	ND(0.0028)	ND(0.0028)	ND(0.028)	ND(0.028)	ND(0.0028)
OHI2-NS1 (5) Dup	04/06/05	2.53	19	0.66	ND(0.00025)	ND(0.0025)	ND(0.0025)	ND(0.025)	ND(0.025)	ND(0.0025)
OHI2-NS1 (10)	04/06/05	2.42	18	1.4	ND(0.00024)	ND(0.0024)	ND(0.0024)	ND(0.024)	ND(0.024)	ND(0.0024)

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Table 5d. Soil-Gas Analytical Results for Near-Slab Samples Summary Table, ASTM-D-1945 Analytes, Chevron Cincinnati Facility, Hooven, Ohio.

Near-Slab Sample ID	Date	ASTM Dilution Factor	Oxygen (%)	Carbon Dioxide (%)	Methane (%)	Acetylene (%)	Butane (%)	C6 Plus (%)	Carbon Monoxide (%)	2,2-dimethyl-Propane (%)
OHI3-NS1 (5)	04/14/05	2.53	20	0.31	ND(0.00025)	ND(0.0025)	ND(0.0025)	ND(0.025)	ND(0.025)	ND(0.0025)
OHI3-NS1 (10)	04/14/05	2.58	19	0.92	ND(0.00026)	ND(0.0026)	ND(0.0026)	ND(0.026)	ND(0.026)	ND(0.0026)
OHI5-NS1 (5)	04/06/05	2.33	20	0.14	ND(0.00023)	ND(0.0023)	ND(0.0023)	ND(0.023)	ND(0.023)	ND(0.0023)
OHI5-NS1 (10)	04/06/05	2.53	18	0.23	ND(0.00025)	ND(0.0025)	ND(0.0025)	ND(0.025)	ND(0.025)	ND(0.0025)
OHI6-NS1 (5)	04/06/05	2.38	18	1.2	ND(0.00024)	ND(0.0024)	ND(0.0024)	ND(0.024)	ND(0.024)	ND(0.0024)
OHI6-NS1 (10)	04/06/05	2.38	19	0.46	ND(0.00024)	ND(0.0024)	ND(0.0024)	ND(0.024)	ND(0.024)	ND(0.0024)
OHI7-NS1 (5)	04/11/05	2.47	19	0.59	ND(0.00025)	ND(0.0025)	ND(0.0025)	ND(0.025)	ND(0.025)	ND(0.0025)
OHI7-NS1 (5) Dup	04/11/05	2.53	19	0.6	ND(0.00025)	ND(0.0025)	ND(0.0025)	ND(0.025)	ND(0.025)	ND(0.0025)
OHI7-NS1 (10)	04/11/05	2.96	19	0.72	ND(0.0003)	ND(0.003)	ND(0.003)	ND(0.03)	ND(0.03)	ND(0.003)
OHI8-NS1 (5)	04/13/05	2.42	19	0.32	ND(0.00024)	ND(0.0024)	ND(0.0024)	ND(0.024)	ND(0.024)	ND(0.0024)
OHI8-NS1 (10)	04/13/05	2.24	20	0.34	ND(0.00022)	ND(0.0022)	ND(0.0022)	ND(0.022)	ND(0.022)	ND(0.0022)
OHI9-NS1 (5)	04/15/05	2.58	16	0.72	ND(0.00026)	ND(0.0026)	ND(0.0026)	ND(0.026)	ND(0.026)	ND(0.0026)
OHI9-NS1 (10)	04/15/05	2.29	14	2.4	ND(0.00023)	ND(0.0023)	ND(0.0023)	ND(0.023)	ND(0.023)	ND(0.0023)
WAS1-NS1 (5)	04/07/05	2.89	17	0.48	ND(0.00029)	ND(0.0029)	ND(0.0029)	ND(0.029)	ND(0.029)	ND(0.0029)
WAS1-NS1 (10)	04/07/05	2.76	12	2.2	ND(0.00028)	ND(0.0028)	ND(0.0028)	ND(0.028)	ND(0.028)	ND(0.0028)
WAS2-NS1 (5)	04/06/05	2.96	18	0.94	ND(0.0003)	ND(0.003)	ND(0.003)	ND(0.03)	ND(0.03)	ND(0.003)
WAS2-NS1 (10)	04/06/05	2.38	19	0.16	ND(0.00024)	ND(0.0024)	ND(0.0024)	ND(0.024)	ND(0.024)	ND(0.0024)

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Table 5d. Soil-Gas Analytical Results for Near-Slab Samples Summary Table, ASTM-D-1945 Analytes, Chevron Cincinnati Facility, Hooven, Ohio.

Near-Slab Sample ID	Date	ASTM Dilution Factor	Ethane (%)	Ethylene (%)	Hydrogen (%)	Isobutane (%)	Isopentane (%)	Pentane (%)	Propane (%)	Nitrogen (%)
ADA1-NS1 (5)	04/06/05	2.33	ND(0.0023)	ND(0.0023)	ND(0.023)	ND(0.0023)	ND(0.0023)	ND(0.0023)	ND(0.0023)	81
ADA1-NS1 (10)	04/06/05	2.76	ND(0.0028)	ND(0.0028)	ND(0.028)	ND(0.0028)	ND(0.0028)	ND(0.0028)	ND(0.0028)	80
ADA1-NS1 (10) Dup	04/06/05	2.47	ND(0.0025)	ND(0.0025)	ND(0.025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	80
CHI10-NS1 (5)	04/12/05	2.64	ND(0.0026)	ND(0.0026)	ND(0.026)	ND(0.0026)	ND(0.0026)	ND(0.0026)	ND(0.0026)	80
CHI10-NS1 (10)	04/12/05	2.58	ND(0.0026)	ND(0.0026)	ND(0.026)	ND(0.0026)	ND(0.0026)	ND(0.0026)	ND(0.0026)	82
CHI1-NS1 (5)	04/08/05	2.47	ND(0.0025)	ND(0.0025)	ND(0.025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	81
CHI1-NS1 (10)	04/08/05	2.29	ND(0.0023)	ND(0.0023)	ND(0.023)	ND(0.0023)	ND(0.0023)	ND(0.0023)	ND(0.0023)	83
CHI1-NS2 (5)	04/08/05	2.58	ND(0.0026)	ND(0.0026)	ND(0.026)	ND(0.0026)	ND(0.0026)	ND(0.0026)	ND(0.0026)	81
CHI1-NS2 (10)	04/08/05	2.42	ND(0.0024)	ND(0.0024)	ND(0.024)	ND(0.0024)	ND(0.0024)	ND(0.0024)	ND(0.0024)	82
CHI1-NS3 (5)	04/08/05	2.42	ND(0.0024)	ND(0.0024)	ND(0.024)	ND(0.0024)	ND(0.0024)	ND(0.0024)	ND(0.0024)	80
CHI1-NS3 (10)	04/08/05	2.47	ND(0.0025)	ND(0.0025)	ND(0.025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	84
CHI1-NS4 (5)	04/08/05	2.53	ND(0.0025)	ND(0.0025)	ND(0.025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	81
CHI1-NS4 (10)	04/08/05	2.47	ND(0.0025)	ND(0.0025)	ND(0.025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	83
CHI2-NS1 (5)	04/08/05	2.13	ND(0.0021)	ND(0.0021)	ND(0.021)	ND(0.0021)	ND(0.0021)	ND(0.0021)	ND(0.0021)	82
CHI2-NS1 (10)	04/08/05	2.33	ND(0.0023)	ND(0.0023)	ND(0.023)	ND(0.0023)	ND(0.0023)	ND(0.0023)	ND(0.0023)	81
CHI3-NS1 (5)	04/11/05	2.64	ND(0.0026)	ND(0.0026)	ND(0.026)	ND(0.0026)	ND(0.0026)	ND(0.0026)	ND(0.0026)	79
CHI3-NS1 (10)	04/11/05	2.53	ND(0.0025)	ND(0.0025)	ND(0.025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	80
CHI3-NS1 (10) Dup	04/11/05	2.53	ND(0.0025)	ND(0.0025)	ND(0.025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	79
CHI4-NS1 (5)	04/08/05	2.29	ND(0.0023)	ND(0.0023)	ND(0.023)	ND(0.0023)	ND(0.0023)	ND(0.0023)	ND(0.0023)	81
CHI4-NS1 (10)	04/08/05	2.24	ND(0.0022)	ND(0.0022)	ND(0.022)	ND(0.0022)	ND(0.0022)	ND(0.0022)	ND(0.0022)	83
CHI5-NS1 (5)	04/08/05	2.58	ND(0.0026)	ND(0.0026)	ND(0.026)	ND(0.0026)	ND(0.0026)	ND(0.0026)	ND(0.0026)	81
CHI5-NS1 (10)	04/08/05	2.47	ND(0.0025)	ND(0.0025)	ND(0.025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	83
CHI6-NS1 (5)	04/08/05	2.47	ND(0.0025)	ND(0.0025)	ND(0.025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	80
CHI6-NS1 (10)	04/08/05	2.53	ND(0.0025)	ND(0.0025)	ND(0.025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	80
CHI8-NS1 (10)	04/09/05	3.47	ND(0.0035)	ND(0.0035)	ND(0.035)	ND(0.0035)	ND(0.0035)	ND(0.0035)	ND(0.0035)	80
CHI8-NS2 (5)	04/09/05	2.89	ND(0.0029)	ND(0.0029)	ND(0.029)	ND(0.0029)	ND(0.0029)	ND(0.0029)	ND(0.0029)	80
CHI8-NS2 (10)	04/09/05	2.82	ND(0.0028)	ND(0.0028)	ND(0.028)	ND(0.0028)	ND(0.0028)	ND(0.0028)	ND(0.0028)	81
CHI9-NS1 (5)	04/11/05	2.38	ND(0.0024)	ND(0.0024)	ND(0.024)	ND(0.0024)	ND(0.0024)	ND(0.0024)	ND(0.0024)	80
CHI9-NS1 (10)	04/11/05	2.47	ND(0.0025)	ND(0.0025)	ND(0.025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	80
HOO1-NS1 (5)	04/06/05	2.29	ND(0.0023)	ND(0.0023)	ND(0.023)	ND(0.0023)	ND(0.0023)	ND(0.0023)	ND(0.0023)	81
HOO1-NS1 (10)	04/06/05	2.47	ND(0.0025)	ND(0.0025)	ND(0.025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	81
HOO2-NS1 (5)	04/12/05	2.42	ND(0.0024)	ND(0.0024)	ND(0.024)	ND(0.0024)	ND(0.0024)	ND(0.0024)	ND(0.0024)	81
HOO2-NS1 (10)	04/12/05	2.69	ND(0.0027)	ND(0.0027)	ND(0.027)	ND(0.0027)	ND(0.0027)	ND(0.0027)	ND(0.0027)	82
HOO2-NS1 (10) Dup	04/12/05	2.47	ND(0.0025)	ND(0.0025)	ND(0.025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	82
HOO3-NS1 (5)	04/13/05	2.16	ND(0.0022)	ND(0.0022)	ND(0.022)	ND(0.0022)	ND(0.0022)	ND(0.0022)	ND(0.0022)	80
HOO3-NS1 (10)	04/13/05	2.29	ND(0.0023)	ND(0.0023)	ND(0.023)	ND(0.0023)	ND(0.0023)	ND(0.0023)	ND(0.0023)	81

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Table 5d. Soil-Gas Analytical Results for Near-Slab Samples Summary Table, ASTM-D-1945 Analytes, Chevron Cincinnati Facility, Hooven, Ohio.

Near-Slab Sample ID	Date	ASTM Dilution Factor	Ethane (%)	Ethylene (%)	Hydrogen (%)	Isobutane (%)	Isopentane (%)	Pentane (%)	Propane (%)	Nitrogen (%)
HOO4-NS1 (5)	04/06/05	2.64	ND(0.0026)	ND(0.0026)	ND(0.026)	ND(0.0026)	ND(0.0026)	ND(0.0026)	ND(0.0026)	82
HOO4-NS1 (10)	04/06/05	2.58	ND(0.0026)	ND(0.0026)	ND(0.026)	ND(0.0026)	ND(0.0026)	ND(0.0026)	ND(0.0026)	82
HOO5-NS1 (5)	04/07/05	2.96	ND(0.003)	ND(0.003)	ND(0.03)	ND(0.003)	ND(0.003)	ND(0.003)	ND(0.003)	82
HOO5-NS1 (5) Dup	04/07/05	2.96	ND(0.003)	ND(0.003)	ND(0.03)	ND(0.003)	ND(0.003)	ND(0.003)	ND(0.003)	82
HOO5-NS1 (10)	04/07/05	2.76	ND(0.0028)	ND(0.0028)	ND(0.028)	ND(0.0028)	ND(0.0028)	ND(0.0028)	ND(0.0028)	82
HOO8-NS1 (5)	04/13/05	2.38	ND(0.0024)	ND(0.0024)	ND(0.024)	ND(0.0024)	ND(0.0024)	ND(0.0024)	ND(0.0024)	81
HOO8-NS1 (10)	04/13/05	2.53	ND(0.0025)	ND(0.0025)	ND(0.025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	81
HOO12-NS1 (5)	04/12/05	2.38	ND(0.0024)	ND(0.0024)	ND(0.024)	ND(0.0024)	ND(0.0024)	ND(0.0024)	ND(0.0024)	81
HOO12-NS1 (10)	04/12/05	2.29	ND(0.0023)	ND(0.0023)	ND(0.023)	ND(0.0023)	ND(0.0023)	ND(0.0023)	ND(0.0023)	80
HOO12-NS1 (10) Dup	04/12/05	2.24	ND(0.0022)	ND(0.0022)	ND(0.022)	ND(0.0022)	ND(0.0022)	ND(0.0022)	ND(0.0022)	81
HOO15-NS1 (5)	04/06/05	2.58	ND(0.0026)	ND(0.0026)	ND(0.026)	ND(0.0026)	ND(0.0026)	ND(0.0026)	ND(0.0026)	80
HOO15-NS1 (10)	04/06/05	2.58	ND(0.0026)	ND(0.0026)	ND(0.026)	ND(0.0026)	ND(0.0026)	ND(0.0026)	ND(0.0026)	81
HOO16-NS1 (5)	04/12/05	2.33	ND(0.0023)	ND(0.0023)	ND(0.023)	ND(0.0023)	ND(0.0023)	ND(0.0023)	ND(0.0023)	80
HOO16-NS1 (10)	04/12/05	2.47	ND(0.0025)	ND(0.0025)	ND(0.025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	85
HOO17-NS1 (5)	04/13/05	2.16	ND(0.0022)	ND(0.0022)	ND(0.022)	ND(0.0022)	ND(0.0022)	ND(0.0022)	ND(0.0022)	79
HOO17-NS1 (10)	04/13/05	2.24	ND(0.0022)	ND(0.0022)	ND(0.022)	ND(0.0022)	ND(0.0022)	ND(0.0022)	ND(0.0022)	79
HOO18-NS1 (5)	04/15/05	2.29	ND(0.0023)	ND(0.0023)	ND(0.023)	ND(0.0023)	ND(0.0023)	ND(0.0023)	ND(0.0023)	80
HOO18-NS1 (10)	04/15/05	2.29	ND(0.0023)	ND(0.0023)	ND(0.023)	ND(0.0023)	ND(0.0023)	ND(0.0023)	ND(0.0023)	80
HOO19-NS1 (5)	04/13/05	2.38	ND(0.0024)	ND(0.0024)	ND(0.024)	ND(0.0024)	ND(0.0024)	ND(0.0024)	ND(0.0024)	80
HOO19-NS1 (5) Dup	04/13/05	2.69	ND(0.0027)	ND(0.0027)	ND(0.027)	ND(0.0027)	ND(0.0027)	ND(0.0027)	ND(0.0027)	80
HOO19-NS1 (10)	04/13/05	2.47	ND(0.0025)	ND(0.0025)	ND(0.025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	81
HOO20-NS1 (5)	04/13/05	2.09	ND(0.0021)	ND(0.0021)	ND(0.021)	ND(0.0021)	ND(0.0021)	ND(0.0021)	ND(0.0021)	80
HOO20-NS1 (10)	04/13/05	2.09	ND(0.0021)	ND(0.0021)	ND(0.021)	ND(0.0021)	ND(0.0021)	ND(0.0021)	ND(0.0021)	81
JEF1-NS1 (5)	04/06/05	2.38	ND(0.0024)	ND(0.0024)	0.028	ND(0.0024)	ND(0.0024)	ND(0.0024)	ND(0.0024)	80
JEF1-NS1 (5) Dup	04/06/05	2.24	ND(0.0022)	ND(0.0022)	0.024	ND(0.0022)	ND(0.0022)	ND(0.0022)	ND(0.0022)	81
JEF1-NS1 (10)	04/06/05	2.89	ND(0.0029)	ND(0.0029)	ND(0.029)	ND(0.0029)	ND(0.0029)	ND(0.0029)	ND(0.0029)	81
JEF2-NS1 (5)	04/14/05	2.33	ND(0.0023)	ND(0.0023)	ND(0.023)	ND(0.0023)	ND(0.0023)	ND(0.0023)	ND(0.0023)	79
JEF2-NS1 (10)	04/14/05	2.42	ND(0.0024)	ND(0.0024)	ND(0.024)	ND(0.0024)	ND(0.0024)	ND(0.0024)	ND(0.0024)	82
MON2-NS2 (10)	04/04/05	2.76	ND(0.0028)	ND(0.0028)	ND(0.028)	ND(0.0028)	ND(0.0028)	ND(0.0028)	ND(0.0028)	84
MON2-NS3 (10)	04/04/05	2.47	ND(0.0025)	ND(0.0025)	ND(0.025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	82
MON2-NS3 (10) Dup	04/04/05	2.53	ND(0.0025)	ND(0.0025)	ND(0.025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	82
MON2-NS4 (10)	04/04/05	2.64	ND(0.0026)	ND(0.0026)	ND(0.026)	ND(0.0026)	ND(0.0026)	ND(0.0026)	ND(0.0026)	82
MON3-NS1 (10)	04/05/05	2.76	ND(0.0028)	ND(0.0028)	ND(0.028)	ND(0.0028)	ND(0.0028)	ND(0.0028)	ND(0.0028)	83
OHI2-NS1 (5)	04/06/05	2.76	ND(0.0028)	ND(0.0028)	ND(0.028)	ND(0.0028)	ND(0.0028)	ND(0.0028)	ND(0.0028)	81
OHI2-NS1 (5) Dup	04/06/05	2.53	ND(0.0025)	ND(0.0025)	ND(0.025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	80
OHI2-NS1 (10)	04/06/05	2.42	ND(0.0024)	ND(0.0024)	ND(0.024)	ND(0.0024)	ND(0.0024)	ND(0.0024)	ND(0.0024)	80

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Table 5d. Soil-Gas Analytical Results for Near-Slab Samples Summary Table, ASTM-D-1945 Analytes, Chevron Cincinnati Facility, Hooven, Ohio.

Near-Slab Sample ID	Date	ASTM Dilution Factor	Ethane (%)	Ethylene (%)	Hydrogen (%)	Isobutane (%)	Isopentane (%)	Pentane (%)	Propane (%)	Nitrogen (%)
OHI3-NS1 (5)	04/14/05	2.53	ND(0.0025)	ND(0.0025)	ND(0.025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	80
OHI3-NS1 (10)	04/14/05	2.58	ND(0.0026)	ND(0.0026)	ND(0.026)	ND(0.0026)	ND(0.0026)	ND(0.0026)	ND(0.0026)	80
OHI5-NS1 (5)	04/06/05	2.33	ND(0.0023)	ND(0.0023)	ND(0.023)	ND(0.0023)	ND(0.0023)	ND(0.0023)	ND(0.0023)	80
OHI5-NS1 (10)	04/06/05	2.53	ND(0.0025)	ND(0.0025)	ND(0.025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	82
OHI6-NS1 (5)	04/06/05	2.38	ND(0.0024)	ND(0.0024)	ND(0.024)	ND(0.0024)	ND(0.0024)	ND(0.0024)	ND(0.0024)	81
OHI6-NS1 (10)	04/06/05	2.38	ND(0.0024)	ND(0.0024)	ND(0.024)	ND(0.0024)	ND(0.0024)	ND(0.0024)	ND(0.0024)	81
OHI7-NS1 (5)	04/11/05	2.47	ND(0.0025)	ND(0.0025)	ND(0.025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	80
OHI7-NS1 (5) Dup	04/11/05	2.53	ND(0.0025)	ND(0.0025)	ND(0.025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	80
OHI7-NS1 (10)	04/11/05	2.96	ND(0.003)	ND(0.003)	ND(0.03)	ND(0.003)	ND(0.003)	ND(0.003)	ND(0.003)	80
OHI8-NS1 (5)	04/13/05	2.42	ND(0.0024)	ND(0.0024)	ND(0.024)	ND(0.0024)	ND(0.0024)	ND(0.0024)	ND(0.0024)	81
OHI8-NS1 (10)	04/13/05	2.24	ND(0.0022)	ND(0.0022)	ND(0.022)	ND(0.0022)	ND(0.0022)	ND(0.0022)	ND(0.0022)	80
OHI9-NS1 (5)	04/15/05	2.58	ND(0.0026)	ND(0.0026)	ND(0.026)	ND(0.0026)	ND(0.0026)	ND(0.0026)	ND(0.0026)	83
OHI9-NS1 (10)	04/15/05	2.29	ND(0.0023)	ND(0.0023)	ND(0.023)	ND(0.0023)	ND(0.0023)	ND(0.0023)	ND(0.0023)	84
WAS1-NS1 (5)	04/07/05	2.89	ND(0.0029)	ND(0.0029)	ND(0.029)	ND(0.0029)	ND(0.0029)	ND(0.0029)	ND(0.0029)	82
WAS1-NS1 (10)	04/07/05	2.76	ND(0.0028)	ND(0.0028)	ND(0.028)	ND(0.0028)	ND(0.0028)	ND(0.0028)	ND(0.0028)	86
WAS2-NS1 (5)	04/06/05	2.96	ND(0.003)	ND(0.003)	ND(0.03)	ND(0.003)	ND(0.003)	ND(0.003)	ND(0.003)	81
WAS2-NS1 (10)	04/06/05	2.38	ND(0.0024)	ND(0.0024)	ND(0.024)	ND(0.0024)	ND(0.0024)	ND(0.0024)	ND(0.0024)	81

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Table 6a. Soil-Gas Analytical Results for Deep Nested Vapor Well Samples Summary Table, Constituents Commonly Found in Gasoline, Chevron Cincinnati Facility, Hooven, Ohio.

Nested Sample ID	Depth	Date	TO-15 Dilution Factor	Benzene (mg/m³)	Toluene (mg/m³)	Ethylbenzene (mg/m³)	m,p-Xylene (mg/m³)	o-Xylene (mg/m³)	Hexane (mg/m³)	1,3,5-Trimethylbenzene (mg/m³)	1,2,4-Trimethylbenzene (mg/m³)
VW93	10	03/31/05	2.96	ND(0.0047)	ND(0.0056)	ND(0.0064)	ND(0.0064)	ND(0.0064)	ND(0.0052)	ND(0.0073)	ND(0.0073)
	15	03/31/05	2.76	ND(0.0044)	ND(0.0052)	ND(0.006)	ND(0.006)	ND(0.006)	ND(0.0049)	ND(0.0068)	ND(0.0068)
	20	03/31/05	2.33	ND(0.0037)	ND(0.0044)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.0041)	ND(0.0057)	ND(0.0057)
VW93 Dup	20	03/31/05	2.42	ND(0.0039)	ND(0.0046)	ND(0.0052)	ND(0.0052)	ND(0.0052)	ND(0.0043)	ND(0.0059)	ND(0.0059)
VW93	25	03/31/05	2.69	ND(0.0043)	ND(0.0051)	ND(0.0058)	ND(0.0058)	ND(0.0058)	ND(0.0047)	ND(0.0066)	ND(0.0066)
	30	03/31/05	2.53	ND(0.004)	ND(0.0048)	ND(0.0055)	ND(0.0055)	ND(0.0055)	ND(0.0044)	ND(0.0062)	ND(0.0062)
	35	03/31/05	2.29	ND(0.0036)	ND(0.0043)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.004)	ND(0.0056)	ND(0.0056)
	40	03/31/05	2.24	ND(0.0036)	ND(0.0042)	ND(0.0049)	ND(0.0049)	ND(0.0049)	ND(0.0039)	ND(0.0055)	ND(0.0055)
	45	03/31/05	2.42	ND(0.0039)	ND(0.0046)	ND(0.0052)	ND(0.0052)	ND(0.0052)	ND(0.0043)	ND(0.0059)	ND(0.0059)
	50	03/31/05	2.64	ND(0.0042)	ND(0.005)	ND(0.0057)	ND(0.0057)	ND(0.0057)	ND(0.0046)	ND(0.0065)	ND(0.0065)
	55	03/31/05	2.58	0.0044	0.0076	ND(0.0056)	ND(0.0056)	ND(0.0056)	0.015	ND(0.0063)	ND(0.0063)
	60	03/31/05	440	ND(0.7)	ND(0.83)	ND(0.96)	ND(0.96)	ND(0.96)	3.2	ND(1.1)	ND(1.1)
VW93A	5	03/31/05	2.33	ND(0.0037)	ND(0.0044)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.0041)	ND(0.0057)	ND(0.0057)
VW96	5	03/22/05	2.05	ND(0.0033)	0.0087	0.0063	0.013	ND(0.0044)J	ND(0.0036)	ND(0.005)	0.0055
	10	03/22/05	2.13	ND(0.0034)	ND(0.004)	ND(0.0046)	ND(0.0046)	ND(0.0046)	ND(0.0038)	ND(0.0052)	ND(0.0052)
	15	03/22/05	2.16	ND(0.0034)	ND(0.0041)	ND(0.0047)	ND(0.0047)	ND(0.0047)	ND(0.0038)	ND(0.0053)	ND(0.0053)
	20	03/22/05	2.38	ND(0.0038)	ND(0.0045)	ND(0.0052)	ND(0.0052)	ND(0.0052)	ND(0.0042)	ND(0.0058)	ND(0.0058)
	25	03/22/05	2.13	ND(0.0034)	ND(0.004)	ND(0.0046)	ND(0.0046)	ND(0.0046)	ND(0.0038)	ND(0.0052)	ND(0.0052)
	30	03/24/05	1.75	ND(0.0028)	ND(0.0033)	ND(0.0038)	ND(0.0038)	ND(0.0038)	ND(0.0031)	0.0073	ND(0.0043)
	30	05/02/05	2.20	ND(0.0035)	ND(0.0041)	ND(0.0048)	ND(0.0048)	ND(0.0048)	ND(0.0039)	0.0078	ND(0.0054)
	35	03/24/05	1.79	ND(0.0028)R	0.004 R	ND(0.0039)R	ND(0.0039)R	ND(0.0039)R	0.0047 R	0.0046 R	ND(0.0044)R
	35	05/02/05	2.20	ND(0.0035)	ND(0.0041)	ND(0.0048)	ND(0.0048)	ND(0.0048)	0.0057	0.0075	ND(0.0054)
VW96 Dup	35	05/02/05	22.9	ND(0.036)	ND(0.043)	ND(0.05)	ND(0.05)	ND(0.05)	ND(0.04)	ND(0.056)	ND(0.056)
VW96	40	03/24/05	1.58	ND(0.0025)	ND(0.003)	ND(0.0034)	0.0047	ND(0.0034)	ND(0.0028)	0.015	0.018
	45	03/24/05	1.55	ND(0.0025)	ND(0.0029)	ND(0.0034)	ND(0.0034)	ND(0.0034)	ND(0.0027)	0.0058	0.022
	50	03/24/05	336	ND(0.54)	ND(0.63)	ND(0.73)	ND(0.73)	ND(0.73)	ND(0.59)	ND(0.82)	ND(0.82)
VW96 Dup	50	03/24/05	164	ND(0.26)	ND(0.31)	ND(0.36)	ND(0.36)	ND(0.36)	ND(0.29)	ND(0.4)	ND(0.4)
VW96	55	03/24/05	328	4.0	ND(0.62)	0.2 J	ND(0.71)	ND(0.71)	24	ND(0.81)	0.22 J
	55	05/02/05	44.8	3.3 DX	ND(0.084)	0.28	ND(0.097)	ND(0.097)	31 DX	ND(0.11)	0.2
VW99	10	03/29/05	1.55	ND(0.0025)	ND(0.0029)	ND(0.0034)	ND(0.0034)	ND(0.0034)	ND(0.0027)	ND(0.0038)	ND(0.0038)
	15	03/29/05	1.46	ND(0.0023)	ND(0.0028)	ND(0.0032)	ND(0.0032)	ND(0.0032)	ND(0.0026)	ND(0.0036)	ND(0.0036)
	20	03/29/05	1.55	ND(0.0025)	ND(0.0029)	ND(0.0034)	ND(0.0034)	ND(0.0034)	ND(0.0027)	ND(0.0038)	ND(0.0038)
	25	03/29/05	1.52	ND(0.0024)	ND(0.0029)	ND(0.0033)	ND(0.0033)	ND(0.0033)	ND(0.0027)	ND(0.0037)	ND(0.0037)
	30	03/29/05	1.55	0.039	0.026	0.0045	0.019	0.0055	0.058	ND(0.0038)	0.0054
	35	03/29/05	1.61	ND(0.0026)	ND(0.003)	ND(0.0035)	ND(0.0035)	ND(0.0035)	ND(0.0028)	ND(0.004)	ND(0.004)
	40	03/30/05	52.8	ND(0.084)	ND(0.099)	ND(0.11)	ND(0.11)	ND(0.11)	ND(0.093)	ND(0.13)	ND(0.13)
	45	03/30/05	242	ND(0.39)	ND(0.46)	ND(0.52)	ND(0.52)	ND(0.52)	ND(0.43)	ND(0.59)	ND(0.59)
VW99 Dup	45	03/30/05	229	ND(0.36)	ND(0.43)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.4)	ND(0.56)	ND(0.56)
VW99	50	03/30/05	1010	ND(1.6)	ND(1.9)	ND(2.2)	ND(2.2)	ND(2.2)	2.7	ND(2.5)	ND(2.5)
	55	03/30/05	1550	ND(2.5)	ND(2.9)	ND(3.4)	ND(3.4)	ND(3.4)	180	ND(3.8)	ND(3.8)
VW99A	5	03/30/05	2.20	ND(0.0035)	ND(0.0041)	ND(0.0048)	ND(0.0048)	ND(0.0048)	ND(0.0039)	ND(0.0054)	ND(0.0054)
	10	03/30/05	2.29	ND(0.0036)	ND(0.0043)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.004)	ND(0.0056)	ND(0.0056)
VW127	5	05/04/05	2.09	ND(0.0033)	ND(0.0039)	ND(0.0045)	ND(0.0045)	ND(0.0045)	0.015	ND(0.0051)	ND(0.0051)

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Table 6a. Soil-Gas Analytical Results for Deep Nested Vapor Well Samples Summary Table, Constituents Commonly Found in Gasoline, Chevron Cincinnati Facility, Hooven, Ohio.

Nested Sample ID	Depth	Date	TO-15 Dilution Factor	Benzene (mg/m³)	Toluene (mg/m³)	Ethylbenzene (mg/m³)	m,p-Xylene (mg/m³)	o-Xylene (mg/m³)	Hexane (mg/m³)	1,3,5-Trimethylbenzene (mg/m³)	1,2,4-Trimethylbenzene (mg/m³)
VW127	10	05/04/05	2.33	ND(0.0037)	ND(0.0044)	ND(0.005)	ND(0.005)	ND(0.005)	0.02	ND(0.0057)	ND(0.0057)
	15	05/03/05	2.24	0.011	0.034	0.0072	0.014	0.0068	0.044	ND(0.0055)	ND(0.0055)
	20	05/03/05	2.16	ND(0.0034)	0.0086	ND(0.0047)	0.0079	0.005	0.024	ND(0.0053)	ND(0.0053)
	30	05/03/05	4.60	0.034	0.061	0.018	0.038	0.012	0.27	ND(0.011)	ND(0.011)
	40	05/03/05	2.16	ND(0.0034)	0.0044	ND(0.0047)	ND(0.0047)	ND(0.0047)	ND(0.0038)	ND(0.0053)	ND(0.0053)
	50	05/03/05	4.40	ND(0.007)	0.02	ND(0.0096)	0.026	ND(0.0096)	ND(0.0078)	ND(0.011)	ND(0.011)
VW128	5	04/09/05	2.33	0.036	0.056	0.019	0.019	0.01	0.025	ND(0.0057)	0.01
	10	04/09/05	2.47	0.023	0.039	0.017	0.013	0.011	0.014	ND(0.0061)	0.008
	15	04/09/05	2.53	0.025	0.036	0.013	0.0086	0.01	0.037	ND(0.0062)	0.013
	20	04/09/05	2.42	0.0057	0.0062	ND(0.0052)	ND(0.0052)	ND(0.0052)	0.0078	ND(0.0059)	ND(0.0059)
	30	04/09/05	2.42	ND(0.0039)	ND(0.0046)	ND(0.0052)	ND(0.0052)	ND(0.0052)	ND(0.0043)	ND(0.0059)	ND(0.0059)
	40	04/09/05	2.20	ND(0.0035)	ND(0.0041)	ND(0.0048)	ND(0.0048)	ND(0.0048)	ND(0.0039)	ND(0.0054)	ND(0.0054)
	50	04/09/05	2.64	ND(0.0042)	ND(0.005)	ND(0.0057)	ND(0.0057)	ND(0.0057)	ND(0.0046)	ND(0.0065)	ND(0.0065)
VW128 Dup	50	04/09/05	2.42	ND(0.0039)	ND(0.0046)	ND(0.0052)	ND(0.0052)	ND(0.0052)	ND(0.0043)	ND(0.0059)	ND(0.0059)
VW129	5	04/07/05	2.53	0.005	0.016	0.0099	0.022	0.008	0.016	ND(0.0062)	0.0084
	10	04/07/05	2.42	0.0039	0.011	0.008	0.06	0.041	0.022	0.027	0.066
	15	04/07/05	2.82	ND(0.0045)	0.0056	ND(0.0061)	ND(0.0061)	ND(0.0061)	ND(0.005)	ND(0.0069)	ND(0.0069)
	20	04/07/05	2.33	0.0038	0.0085	ND(0.005)	0.0055	ND(0.005)	0.011	ND(0.0057)	ND(0.0057)
	30	04/07/05	2.16	0.0044	0.018	0.0097	0.014	0.006	0.0091	ND(0.0053)	0.008
	40	04/07/05	2.38	0.0049	0.013	0.0061	0.0077	ND(0.0052)	0.014	ND(0.0058)	ND(0.0058)
	50	04/07/05	2.89	ND(0.0046)	0.012	ND(0.0063)	0.031	0.013	ND(0.0051)	ND(0.0071)	ND(0.0071)
VW129 Dup	50	04/07/05	2.53	ND(0.004)	0.0058	ND(0.0055)	ND(0.0055)	ND(0.0055)	ND(0.0044)	ND(0.0062)	ND(0.0062)
VW130	5	04/05/05	2.76	ND(0.0044)	ND(0.0052)	ND(0.006)	ND(0.006)	ND(0.006)	0.05	ND(0.0068)	ND(0.0068)
	10	04/05/05	2.42	0.004	0.0094	0.013	ND(0.0052)	0.0089	0.13	ND(0.0059)	ND(0.0059)
	15	04/05/05	2.42	ND(0.0039)	0.0072	0.0083	ND(0.0052)	0.0073	0.007	ND(0.0059)	ND(0.0059)
	20	04/05/05	2.58	ND(0.0041)R	ND(0.0049)R	ND(0.0056)R	ND(0.0056)R	ND(0.0056)R	0.01 R	ND(0.0063)R	ND(0.0063)R
	20	05/02/05	2.20	ND(0.0035)	ND(0.0041)	ND(0.0048)	ND(0.0048)	ND(0.0048)	ND(0.0039)	ND(0.0054)	ND(0.0054)
	30	04/05/05	2.53	0.01	0.058	0.0076	0.011	0.0059	ND(0.0044)	ND(0.0062)	ND(0.0062)
VW130 Dup	30	04/05/05	2.58	0.0092	0.055	0.0075 J	0.0086 J	ND(0.0056)	ND(0.0045)	ND(0.0063)	ND(0.0063)
VW130	40	04/04/05	2.76	ND(0.0044)	ND(0.0052)	ND(0.006)	ND(0.006)	ND(0.006)	0.005	ND(0.0068)	ND(0.0068)
	40	05/02/05	2.58	ND(0.0041)	ND(0.0049)	ND(0.0056)	ND(0.0056)	ND(0.0056)	ND(0.0045)	ND(0.0063)	ND(0.0063)
	50	04/04/05	2.53	ND(0.004)	0.006	ND(0.0055)	ND(0.0055)	ND(0.0055)	ND(0.0044)	ND(0.0062)	ND(0.0062)

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Table 6a. Soil-Gas Analytical Results for Deep Nested Vapor Well Samples Summary Table, Constituents Commonly Found in Gasoline, Chevron Cincinnati Facility, Hooven, Ohio.

Nested Sample ID	Depth	Date	TO-15 Dilution Factor	Naphthalene (mg/m³)	Cyclohexane (mg/m³)	Heptane (mg/m³)	Styrene (mg/m³)	2,2,4-Trimethylpentane (mg/m³)	Isopropylbenzene (mg/m³)	n-Propylbenzene (mg/m³)	1,2-Dichloroethane (mg/m³)
VW93	10	03/31/05	2.96	ND(0.031)	ND(0.0051)	ND(0.0061)	ND(0.0063)	ND(0.0069)	ND(0.0073)	ND(0.0073)	ND(0.006)
	15	03/31/05	2.76	ND(0.029)	ND(0.0048)	ND(0.0056)	ND(0.0059)	ND(0.0064)	ND(0.0068)	ND(0.0068)	ND(0.0056)
	20	03/31/05	2.33	ND(0.024)	ND(0.004)	ND(0.0048)	ND(0.005)	ND(0.0054)	ND(0.0057)	ND(0.0057)	ND(0.0047)
VW93 Dup	20	03/31/05	2.42	ND(0.025)	ND(0.0042)	ND(0.005)	ND(0.0052)	ND(0.0056)	ND(0.0059)	ND(0.0059)	ND(0.0049)
VW93	25	03/31/05	2.69	ND(0.028)	ND(0.0046)	ND(0.0055)	ND(0.0057)	ND(0.0063)	ND(0.0066)	ND(0.0066)	ND(0.0054)
	30	03/31/05	2.53	ND(0.026)	ND(0.0044)	ND(0.0052)	ND(0.0054)	ND(0.0059)	ND(0.0062)	ND(0.0062)	ND(0.0051)
	35	03/31/05	2.29	ND(0.024)	ND(0.0039)	ND(0.0047)	ND(0.0049)	ND(0.0053)	ND(0.0056)	ND(0.0056)	ND(0.0046)
	40	03/31/05	2.24	ND(0.023)	ND(0.0038)	ND(0.0046)	ND(0.0048)	ND(0.0052)	ND(0.0055)	ND(0.0055)	ND(0.0045)
	45	03/31/05	2.42	ND(0.025)	ND(0.0042)	ND(0.005)	ND(0.0052)	ND(0.0056)	ND(0.0059)	ND(0.0059)	ND(0.0049)
	50	03/31/05	2.64	ND(0.028)	ND(0.0045)	ND(0.0054)	ND(0.0056)	ND(0.0062)	ND(0.0065)	ND(0.0065)	ND(0.0053)
	55	03/31/05	2.58	ND(0.027)	ND(0.0044)	0.015	ND(0.0055)	ND(0.006)	ND(0.0063)	ND(0.0063)	ND(0.0052)
	60	03/31/05	440	ND(4.6)	ND(0.76)	ND(0.9)	ND(0.94)	190	ND(1.1)	ND(1.1)	ND(0.89)
VW93A	5	03/31/05	2.33	ND(0.024)	ND(0.004)	ND(0.0048)	ND(0.005)	ND(0.0054)	ND(0.0057)	ND(0.0057)	ND(0.0047)
VW96	5	03/22/05	2.05	ND(0.021)	ND(0.0035)	ND(0.0042)	ND(0.0044)	ND(0.0048)	ND(0.005)	ND(0.005)	0.029
	10	03/22/05	2.13	ND(0.022)	ND(0.0037)	ND(0.0044)	ND(0.0045)	ND(0.005)	ND(0.0052)	ND(0.0052)	ND(0.0043)
	15	03/22/05	2.16	ND(0.023)	ND(0.0037)	ND(0.0044)	ND(0.0046)	ND(0.005)	ND(0.0053)	ND(0.0053)	ND(0.0044)
	20	03/22/05	2.38	ND(0.025)	ND(0.0041)	ND(0.0049)	ND(0.0051)	ND(0.0056)	ND(0.0058)	ND(0.0058)	ND(0.0048)
	25	03/22/05	2.13	ND(0.022)	ND(0.0037)	ND(0.0044)	ND(0.0045)	ND(0.005)	ND(0.0052)	ND(0.0052)	ND(0.0043)
	30	03/24/05	1.75	ND(0.018)	ND(0.003)	ND(0.0036)	ND(0.0037)	ND(0.0041)	ND(0.0043)	ND(0.0043)	ND(0.0035)
	30	05/02/05	2.20	ND(0.023)	ND(0.0038)	ND(0.0045)	ND(0.0047)	7.9 DX	ND(0.0054)	ND(0.0054)	ND(0.0044)
	35	03/24/05	1.79	ND(0.019)R	ND(0.0031)R	ND(0.0037)R	ND(0.0038)R	ND(0.0042)R	ND(0.0044)R	ND(0.0044)R	ND(0.0036)R
	35	05/02/05	2.20	ND(0.023)	ND(0.0038)	ND(0.0045)	ND(0.0047)	15 DX	ND(0.0054)	ND(0.0054)	ND(0.0044)
VW96 Dup	35	05/02/05	22.9	ND(0.24)	ND(0.039)	ND(0.047)	ND(0.049)	16	ND(0.056)	ND(0.056)	ND(0.046)
VW96	40	03/24/05	1.58	ND(0.016)	ND(0.0027)	ND(0.0032)	ND(0.0034)	ND(0.0037)	ND(0.0039)	ND(0.0039)	ND(0.0032)
	45	03/24/05	1.55	ND(0.016)	ND(0.0027)	ND(0.0032)	ND(0.0033)	ND(0.0036)	ND(0.0038)	ND(0.0038)	ND(0.0031)
	50	03/24/05	336	ND(3.5)	ND(0.58)	ND(0.69)	ND(0.72)	140	ND(0.82)	ND(0.82)	ND(0.68)
VW96 Dup	50	03/24/05	164	ND(1.7)	ND(0.28)	ND(0.34)	ND(0.35)	110	ND(0.4)	ND(0.4)	ND(0.33)
VW96	55	03/24/05	328	ND(3.4)	26	ND(0.67)	ND(0.7)	500 E	0.21 J	0.18 J	ND(0.66)
	55	05/02/05	44.8	ND(0.47)	60 DX	ND(0.092)	ND(0.095)	820 DX	0.21	0.16	ND(0.091)
VW99	10	03/29/05	1.55	ND(0.016)	ND(0.0027)	ND(0.0032)	ND(0.0033)J	0.011	ND(0.0038)	ND(0.0038)	ND(0.0031)
	15	03/29/05	1.46	ND(0.015)	ND(0.0025)	ND(0.003)	ND(0.0031)J	ND(0.0034)	ND(0.0036)	ND(0.0036)	ND(0.003)
	20	03/29/05	1.55	ND(0.016)	ND(0.0027)	ND(0.0032)	ND(0.0033)J	ND(0.0036)	ND(0.0038)	ND(0.0038)	ND(0.0031)
	25	03/29/05	1.52	ND(0.016)	ND(0.0026)	ND(0.0031)	ND(0.0032)J	ND(0.0036)	ND(0.0037)	ND(0.0037)	ND(0.0031)
	30	03/29/05	1.55	ND(0.016)	0.015	0.025	ND(0.0033)J	0.12	ND(0.0038)	ND(0.0038)	ND(0.0031)
	35	03/29/05	1.61	ND(0.017)	ND(0.0028)	ND(0.0033)	ND(0.0034)J	0.18	ND(0.004)	ND(0.004)	ND(0.0032)
	40	03/30/05	52.8	ND(0.55)	ND(0.091)	ND(0.11)	ND(0.11)J	47	ND(0.13)	ND(0.13)	ND(0.11)
	45	03/30/05	242	ND(2.5)	ND(0.42)	ND(0.5)	ND(0.52)J	92	ND(0.59)	ND(0.59)	ND(0.49)
VW99 Dup	45	03/30/05	229	ND(2.4)	ND(0.39)	ND(0.47)	ND(0.49)J	92	ND(0.56)	ND(0.56)	ND(0.46)
VW99	50	03/30/05	1010	ND(11)	ND(1.7)	ND(2.1)	ND(2.2)J	460	ND(2.5)	ND(2.5)	ND(2)
	55	03/30/05	1550	ND(16)	130	31	ND(3.3)J	1000	ND(3.8)	ND(3.8)	ND(3.1)
VW99A	5	03/30/05	2.20	ND(0.023)	ND(0.0038)	ND(0.0045)	ND(0.0047)J	ND(0.0051)	ND(0.0054)	ND(0.0054)	ND(0.0044)
	10	03/30/05	2.29	ND(0.024)	ND(0.0039)	ND(0.0047)	ND(0.0049)J	ND(0.0053)	ND(0.0056)	ND(0.0056)	ND(0.0046)
VW127	5	05/04/05	2.09	ND(0.022)	ND(0.0036)	ND(0.0043)	ND(0.0044)	ND(0.0049)	ND(0.0051)	ND(0.0051)	ND(0.0042)

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Table 6a. Soil-Gas Analytical Results for Deep Nested Vapor Well Samples Summary Table, Constituents Commonly Found in Gasoline, Chevron Cincinnati Facility, Hooven, Ohio.

Nested Sample ID	Depth	Date	TO-15 Dilution Factor	Naphthalene (mg/m³)	Cyclohexane (mg/m³)	Heptane (mg/m³)	Styrene (mg/m³)	2,2,4-Trimethylpentane (mg/m³)	Isopropylbenzene (mg/m³)	n-Propylbenzene (mg/m³)	1,2-Dichloroethane (mg/m³)
VW127	10	05/04/05	2.33	ND(0.024)	ND(0.004)	ND(0.0048)	ND(0.005)	ND(0.0054)	ND(0.0057)	ND(0.0057)	ND(0.0047)
	15	05/03/05	2.24	ND(0.023)	0.04	0.0053	ND(0.0048)	0.032	ND(0.0055)	ND(0.0055)	ND(0.0045)
	20	05/03/05	2.16	ND(0.023)	0.011	ND(0.0044)	ND(0.0046)	0.024	ND(0.0053)	ND(0.0053)	ND(0.0044)
	30	05/03/05	4.60	ND(0.048)	0.071	0.042	ND(0.0098)	0.16	ND(0.011)	ND(0.011)	ND(0.0093)
	40	05/03/05	2.16	ND(0.023)	ND(0.0037)	ND(0.0044)	ND(0.0046)	0.075	ND(0.0053)	ND(0.0053)	ND(0.0044)
	50	05/03/05	4.40	ND(0.046)	0.013	ND(0.009)	ND(0.0094)	ND(0.01)	ND(0.011)	ND(0.011)	ND(0.0089)
VW128	5	04/09/05	2.33	ND(0.024)	0.065	ND(0.0048)	ND(0.005)J	0.064	ND(0.0057)	ND(0.0057)	ND(0.0047)
	10	04/09/05	2.47	ND(0.026)	0.045	ND(0.0051)	ND(0.0053)J	0.032	ND(0.0061)	ND(0.0061)	ND(0.005)
	15	04/09/05	2.53	ND(0.026)	0.028	0.0094	ND(0.0054)J	0.021	ND(0.0062)	ND(0.0062)	ND(0.0051)
	20	04/09/05	2.42	ND(0.025)	0.0066	ND(0.005)	ND(0.0052)J	0.0099	ND(0.0059)	ND(0.0059)	ND(0.0049)
	30	04/09/05	2.42	ND(0.025)	ND(0.0042)	ND(0.005)	ND(0.0052)J	ND(0.0056)	ND(0.0059)	ND(0.0059)	ND(0.0049)
	40	04/09/05	2.20	ND(0.023)	ND(0.0038)	ND(0.0045)	ND(0.0047)J	ND(0.0051)	ND(0.0054)	ND(0.0054)	ND(0.0044)
	50	04/09/05	2.64	ND(0.028)	ND(0.0045)	ND(0.0054)	ND(0.0056)J	ND(0.0062)	ND(0.0065)	ND(0.0065)	ND(0.0053)
VW128 Dup	50	04/09/05	2.42	ND(0.025)	ND(0.0042)	ND(0.005)	ND(0.0052)	ND(0.0056)	ND(0.0059)	ND(0.0059)	ND(0.0049)
VW129	5	04/07/05	2.53	ND(0.026)J	0.0064	0.012	ND(0.0054)	ND(0.0059)	ND(0.0062)	ND(0.0062)	ND(0.0051)
	10	04/07/05	2.42	ND(0.025)J	0.0089	0.01	ND(0.0052)	ND(0.0056)	ND(0.0059)	ND(0.0059)	ND(0.0049)
	15	04/07/05	2.82	ND(0.03)	ND(0.0048)	ND(0.0058)	ND(0.006)	ND(0.0066)	ND(0.0069)	ND(0.0069)	ND(0.0057)
	20	04/07/05	2.33	ND(0.024)	0.006	ND(0.0048)	ND(0.005)	ND(0.0054)	ND(0.0057)	ND(0.0057)	ND(0.0047)
	30	04/07/05	2.16	ND(0.023)	0.0051	0.008	ND(0.0046)	ND(0.005)	ND(0.0053)	ND(0.0053)	ND(0.0044)
	40	04/07/05	2.38	ND(0.025)	0.0067	0.0078	ND(0.0051)	ND(0.0056)	ND(0.0058)	ND(0.0058)	ND(0.0048)
	50	04/07/05	2.89	ND(0.03)J	ND(0.005)	ND(0.0059)	ND(0.0062)	ND(0.0068)	ND(0.0071)	ND(0.0071)	ND(0.0058)
VW129 Dup	50	04/07/05	2.53	ND(0.026)J	ND(0.0044)	ND(0.0052)	ND(0.0054)	ND(0.0059)	ND(0.0062)	ND(0.0062)	ND(0.0051)
VW130	5	04/05/05	2.76	ND(0.029)	0.036	ND(0.0056)	ND(0.0059)J	ND(0.0064)	ND(0.0068)	ND(0.0068)J	ND(0.0056)
	10	04/05/05	2.42	ND(0.025)	0.068	0.022	ND(0.0052)J	ND(0.0056)	ND(0.0059)	ND(0.0059)J	ND(0.0049)
	15	04/05/05	2.42	ND(0.025)	0.02	ND(0.005)	ND(0.0052)J	ND(0.0056)	ND(0.0059)	ND(0.0059)J	ND(0.0049)
	20	04/05/05	2.58	ND(0.027)R	ND(0.0044)R	ND(0.0053)R	ND(0.0055)R	ND(0.006)R	ND(0.0063)R	ND(0.0063)R	ND(0.0052)R
	20	05/02/05	2.20	ND(0.023)	ND(0.0038)	ND(0.0045)	ND(0.0047)	ND(0.0051)	ND(0.0054)	ND(0.0054)	ND(0.0044)
	30	04/05/05	2.53	ND(0.026)	0.013	ND(0.0052)	ND(0.0054)J	ND(0.0059)	ND(0.0062)	ND(0.0062)J	ND(0.0051)
VW130 Dup	30	04/05/05	2.58	ND(0.027)	0.012	ND(0.0053)	ND(0.0055)J	ND(0.006)	ND(0.0063)	ND(0.0063)J	ND(0.0052)
VW130	40	04/04/05	2.76	ND(0.029)	ND(0.0048)	ND(0.0056)	ND(0.0059)J	ND(0.0064)	ND(0.0068)	ND(0.0068)J	ND(0.0056)
	40	05/02/05	2.58	ND(0.027)	ND(0.0044)	ND(0.0053)	ND(0.0055)	ND(0.006)	ND(0.0063)	ND(0.0063)	ND(0.0052)
	50	04/04/05	2.53	ND(0.026)	ND(0.0044)	ND(0.0052)	ND(0.0054)J	ND(0.0059)	ND(0.0062)	ND(0.0062)J	ND(0.0051)

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Table 6a. Soil-Gas Analytical Results for Deep Nested Vapor Well Samples Summary Table, Constituents Commonly Found in Gasoline, Chevron Cincinnati Facility, Hooven, Ohio.

Nested Sample ID	Depth	Date	TO-15 Dilution Factor	1,2-Dibromoethane (mg/m³)	MTBE (mg/m³)	4-Ethyltoluene (mg/m³)	1,3-Butadiene (mg/m³)
VW93	10	03/31/05	2.96	ND(0.011)	ND(0.0053)	ND(0.0073)	ND(0.0033)
	15	03/31/05	2.76	ND(0.011)	ND(0.005)	ND(0.0068)	ND(0.003)
	20	03/31/05	2.33	ND(0.009)	ND(0.0042)	ND(0.0057)	ND(0.0026)
VW93 Dup	20	03/31/05	2.42	ND(0.0093)	ND(0.0044)	ND(0.0059)	ND(0.0027)
VW93	25	03/31/05	2.69	ND(0.01)	ND(0.0048)	ND(0.0066)	ND(0.003)
	30	03/31/05	2.53	ND(0.0097)	ND(0.0046)	ND(0.0062)	ND(0.0028)
	35	03/31/05	2.29	ND(0.0088)	ND(0.0041)	ND(0.0056)	ND(0.0025)
	40	03/31/05	2.24	ND(0.0086)	ND(0.004)	ND(0.0055)	ND(0.0025)
	45	03/31/05	2.42	ND(0.0093)	ND(0.0044)	ND(0.0059)	ND(0.0027)
	50	03/31/05	2.64	ND(0.01)	ND(0.0048)	ND(0.0065)	ND(0.0029)
	55	03/31/05	2.58	ND(0.0099)	ND(0.0046)	ND(0.0063)	ND(0.0028)
	60	03/31/05	440	ND(1.7)	ND(0.79)	ND(1.1)	ND(0.49)
VW93A	5	03/31/05	2.33	ND(0.009)	ND(0.0042)	ND(0.0057)	ND(0.0026)
VW96	5	03/22/05	2.05	ND(0.0079)	ND(0.0037)	ND(0.005)	0.0045
	10	03/22/05	2.13	ND(0.0082)	ND(0.0038)	ND(0.0052)	ND(0.0024)
	15	03/22/05	2.16	ND(0.0083)	ND(0.0039)	ND(0.0053)	ND(0.0024)
	20	03/22/05	2.38	ND(0.0091)	ND(0.0043)	ND(0.0058)	ND(0.0026)
	25	03/22/05	2.13	ND(0.0082)	ND(0.0038)	ND(0.0052)	ND(0.0024)
	30	03/24/05	1.75	ND(0.0067)	ND(0.0032)	ND(0.0043)	ND(0.0019)
	30	05/02/05	2.20	ND(0.0084)	ND(0.004)	ND(0.0054)	ND(0.0024)
	35	03/24/05	1.79	ND(0.0069)R	ND(0.0032)R	ND(0.0044)R	ND(0.002)R
	35	05/02/05	2.20	ND(0.0084)	ND(0.004)	ND(0.0054)	ND(0.0024)
VW96 Dup	35	05/02/05	22.9	ND(0.088)	ND(0.041)	ND(0.056)	ND(0.025)
VW96	40	03/24/05	1.58	ND(0.0061)	ND(0.0028)	0.01	ND(0.0017)
	45	03/24/05	1.55	ND(0.006)	ND(0.0028)	0.0043	ND(0.0017)
	50	03/24/05	336	ND(1.3)	ND(0.6)	ND(0.82)	ND(0.37)
VW96 Dup	50	03/24/05	164	ND(0.63)	ND(0.3)	ND(0.4)	ND(0.18)
VW96	55	03/24/05	328	ND(1.3)	ND(0.59)	ND(0.81)	ND(0.36)
	55	05/02/05	44.8	ND(0.17)	ND(0.081)	ND(0.11)	ND(0.05)
VW99	10	03/29/05	1.55	ND(0.006)	ND(0.0028)	ND(0.0038)	ND(0.0017)
	15	03/29/05	1.46	ND(0.0056)	ND(0.0026)	ND(0.0036)	ND(0.0016)
	20	03/29/05	1.55	ND(0.006)	ND(0.0028)	ND(0.0038)	ND(0.0017)
	25	03/29/05	1.52	ND(0.0058)	ND(0.0027)	ND(0.0037)	ND(0.0017)
	30	03/29/05	1.55	ND(0.006)	ND(0.0028)	0.0078	ND(0.0017)
	35	03/29/05	1.61	ND(0.0062)	ND(0.0029)	ND(0.004)	ND(0.0018)
	40	03/30/05	52.8	ND(0.2)	ND(0.095)	ND(0.13)	ND(0.058)
	45	03/30/05	242	ND(0.93)	ND(0.44)	ND(0.59)	ND(0.27)
VW99 Dup	45	03/30/05	229	ND(0.88)	ND(0.41)	ND(0.56)	ND(0.25)
VW99	50	03/30/05	1010	ND(3.9)	ND(1.8)	ND(2.5)	ND(1.1)
	55	03/30/05	1550	ND(6)	ND(2.8)	ND(3.8)	ND(1.7)
VW99A	5	03/30/05	2.20	ND(0.0084)	ND(0.004)	ND(0.0054)	ND(0.0024)
	10	03/30/05	2.29	ND(0.0088)	ND(0.0041)	ND(0.0056)	ND(0.0025)
VW127	5	05/04/05	2.09	ND(0.008)	ND(0.0038)	ND(0.0051)	ND(0.0023)

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Table 6a. Soil-Gas Analytical Results for Deep Nested Vapor Well Samples Summary Table, Constituents Commonly Found in Gasoline, Chevron Cincinnati Facility, Hooven, Ohio.

Nested Sample ID	Depth	Date	TO-15 Dilution Factor	1,2-Dibromoethane (mg/m³)	MTBE (mg/m³)	4-Ethyltoluene (mg/m³)	1,3-Butadiene (mg/m³)
VW127	10	05/04/05	2.33	ND(0.009)	ND(0.0042)	ND(0.0057)	ND(0.0026)
	15	05/03/05	2.24	ND(0.0086)	ND(0.004)	ND(0.0055)	ND(0.0025)
	20	05/03/05	2.16	ND(0.0083)	ND(0.0039)	ND(0.0053)	ND(0.0024)
	30	05/03/05	4.60	ND(0.018)	ND(0.0083)	ND(0.011)	ND(0.0051)
	40	05/03/05	2.16	ND(0.0083)	ND(0.0039)	ND(0.0053)	ND(0.0024)
	50	05/03/05	4.40	ND(0.017)	ND(0.0079)	ND(0.011)	ND(0.0049)
VW128	5	04/09/05	2.33	ND(0.009)	ND(0.0042)J	0.007	ND(0.0026)
	10	04/09/05	2.47	ND(0.0095)	ND(0.0044)J	ND(0.0061)	ND(0.0027)
	15	04/09/05	2.53	ND(0.0097)	ND(0.0046)J	0.0062	ND(0.0028)
	20	04/09/05	2.42	ND(0.0093)	ND(0.0044)J	ND(0.0059)	ND(0.0027)
	30	04/09/05	2.42	ND(0.0093)	ND(0.0044)J	ND(0.0059)	ND(0.0027)
	40	04/09/05	2.20	ND(0.0084)	ND(0.004)J	ND(0.0054)	ND(0.0024)
	50	04/09/05	2.64	ND(0.01)	ND(0.0048)J	ND(0.0065)	ND(0.0029)
VW128 Dup	50	04/09/05	2.42	ND(0.0093)	ND(0.0044)	ND(0.0059)	ND(0.0027)
VW129	5	04/07/05	2.53	ND(0.0097)	ND(0.0046)	ND(0.0062)	ND(0.0028)
	10	04/07/05	2.42	ND(0.0093)	ND(0.0044)	0.054	ND(0.0027)
	15	04/07/05	2.82	ND(0.011)	ND(0.0051)	ND(0.0069)	ND(0.0031)
	20	04/07/05	2.33	ND(0.009)	ND(0.0042)	ND(0.0057)	ND(0.0026)
	30	04/07/05	2.16	ND(0.0083)	ND(0.0039)	0.0062	ND(0.0024)
	40	04/07/05	2.38	ND(0.0091)	ND(0.0043)	ND(0.0058)	ND(0.0026)
	50	04/07/05	2.89	ND(0.011)	ND(0.0052)	ND(0.0071)	ND(0.0032)
VW129 Dup	50	04/07/05	2.53	ND(0.0097)	ND(0.0046)	ND(0.0062)	ND(0.0028)
VW130	5	04/05/05	2.76	ND(0.011)	ND(0.005)	ND(0.0068)	ND(0.003)
	10	04/05/05	2.42	ND(0.0093)	ND(0.0044)	ND(0.0059)	ND(0.0027)
	15	04/05/05	2.42	ND(0.0093)	ND(0.0044)	ND(0.0059)	ND(0.0027)
	20	04/05/05	2.58	ND(0.0099)R	ND(0.0046)R	ND(0.0063)R	ND(0.0028)R
	20	05/02/05	2.20	ND(0.0084)	ND(0.004)	ND(0.0054)	ND(0.0024)
	30	04/05/05	2.53	ND(0.0097)	ND(0.0046)	ND(0.0062)	ND(0.0028)
VW130 Dup	30	04/05/05	2.58	ND(0.0099)	ND(0.0046)	ND(0.0063)	ND(0.0028)
VW130	40	04/04/05	2.76	ND(0.011)	ND(0.005)	ND(0.0068)	ND(0.003)
	40	05/02/05	2.58	ND(0.0099)	ND(0.0046)	ND(0.0063)	ND(0.0028)
	50	04/04/05	2.53	ND(0.0097)	ND(0.0046)	ND(0.0062)	ND(0.0028)

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Table 6b. Soil-Gas Analytical Results for Deep Nested Vapor Well Samples Summary Table, Solvents, Chevron Cincinnati Facility, Hooven, Ohio.

Nested Sample ID	Depth	Date	TO-15 Dilution Factor	Acetone (mg/m³)	2-Butanone (mg/m³)	Carbon tetrachloride (mg/m³)	Chlorobenzene (mg/m³)	1,1-Dichloroethane (mg/m³)	1,1-Dichloroethene (mg/m³)	cis-1,2-Dichloroethene (mg/m³)	trans-1,2-Dichloroethene (mg/m³)
VW93	10	03/31/05	2.96	0.015	ND(0.0044)	ND(0.0093)	ND(0.0068)	ND(0.006)	ND(0.0059)	ND(0.0059)	ND(0.0059)
	15	03/31/05	2.76	ND(0.013)	ND(0.0041)	ND(0.0087)	ND(0.0064)	ND(0.0056)	ND(0.0055)	ND(0.0055)	ND(0.0055)
	20	03/31/05	2.33	0.017	ND(0.0034)	ND(0.0073)	ND(0.0054)	ND(0.0047)	ND(0.0046)	ND(0.0046)	ND(0.0046)
VW93 Dup	20	03/31/05	2.42	0.012	ND(0.0036)	ND(0.0076)	ND(0.0056)	ND(0.0049)	ND(0.0048)	ND(0.0048)	ND(0.0048)
VW93	25	03/31/05	2.69	0.031	0.0077	ND(0.0085)	ND(0.0062)	ND(0.0054)	ND(0.0053)	ND(0.0053)	ND(0.0053)
	30	03/31/05	2.53	0.02	0.0075	ND(0.008)	ND(0.0058)	ND(0.0051)	ND(0.005)	ND(0.005)	ND(0.005)
	35	03/31/05	2.29	0.016	0.0043	ND(0.0072)	ND(0.0053)	ND(0.0046)	ND(0.0045)	ND(0.0045)	ND(0.0045)
	40	03/31/05	2.24	0.016	0.0034	ND(0.007)	ND(0.0052)	ND(0.0045)	ND(0.0044)	ND(0.0044)	ND(0.0044)
	45	03/31/05	2.42	0.013	ND(0.0036)	ND(0.0076)	ND(0.0056)	ND(0.0049)	ND(0.0048)	ND(0.0048)	ND(0.0048)
	50	03/31/05	2.64	0.014	0.012	ND(0.0083)	ND(0.0061)	ND(0.0053)	ND(0.0052)	ND(0.0052)	ND(0.0052)
	55	03/31/05	2.58	0.32	0.06	ND(0.0081)	ND(0.0059)	ND(0.0052)	ND(0.0051)	ND(0.0051)	ND(0.0051)
	60	03/31/05	440	ND(2.1)	ND(0.65)	ND(1.4)	ND(1)	ND(0.89)	ND(0.87)	ND(0.87)	ND(0.87)
VW93A	5	03/31/05	2.33	ND(0.011)	ND(0.0034)	ND(0.0073)	ND(0.0054)	ND(0.0047)	ND(0.0046)	ND(0.0046)	ND(0.0046)
VW96	5	03/22/05	2.05	0.37	0.19	ND(0.0064)	ND(0.0047)	ND(0.0041)	ND(0.0041)	ND(0.0041)	ND(0.0041)
	10	03/22/05	2.13	ND(0.01)	ND(0.0031)	ND(0.0067)	ND(0.0049)	ND(0.0043)	ND(0.0042)	ND(0.0042)	ND(0.0042)
	15	03/22/05	2.16	ND(0.01)	ND(0.0032)	ND(0.0068)	ND(0.005)	ND(0.0044)	ND(0.0043)	ND(0.0043)	ND(0.0043)
	20	03/22/05	2.38	ND(0.011)	ND(0.0035)	ND(0.0075)	ND(0.0055)	ND(0.0048)	ND(0.0047)	ND(0.0047)	ND(0.0047)
	25	03/22/05	2.13	ND(0.01)	ND(0.0031)	ND(0.0067)	ND(0.0049)	ND(0.0043)	ND(0.0042)	ND(0.0042)	ND(0.0042)
	30	03/24/05	1.75	ND(0.0083)	ND(0.0026)	ND(0.0055)	ND(0.004)	ND(0.0035)	ND(0.0035)	ND(0.0035)	ND(0.0035)
	30	05/02/05	2.20	ND(0.01)	ND(0.0032)	ND(0.0069)	ND(0.0051)	ND(0.0044)	ND(0.0044)	ND(0.0044)	ND(0.0044)
	35	03/24/05	1.79	0.011 R	ND(0.0026)R	ND(0.0056)R	ND(0.0041)R	ND(0.0036)R	ND(0.0035)R	ND(0.0035)R	ND(0.0035)R
	35	05/02/05	2.20	ND(0.01)	ND(0.0032)	ND(0.0069)	ND(0.0051)	ND(0.0044)	ND(0.0044)	ND(0.0044)	ND(0.0044)
VW96 Dup	35	05/02/05	22.9	ND(0.11)	ND(0.034)	ND(0.072)	ND(0.053)	ND(0.046)	ND(0.045)	ND(0.045)	ND(0.045)
VW96	40	03/24/05	1.58	ND(0.0075)	ND(0.0023)	ND(0.005)	ND(0.0036)	ND(0.0032)	ND(0.0031)	ND(0.0031)	ND(0.0031)
	45	03/24/05	1.55	ND(0.0074)	ND(0.0023)	ND(0.0049)	ND(0.0036)	ND(0.0031)	ND(0.0031)	ND(0.0031)	ND(0.0031)
	50	03/24/05	336	ND(1.6)	ND(0.5)	ND(1)	ND(0.77)	ND(0.68)	ND(0.67)	ND(0.67)	ND(0.67)
VW96 Dup	50	03/24/05	164	ND(0.78)	ND(0.24)	ND(0.52)	ND(0.38)	ND(0.33)	ND(0.32)	ND(0.32)	ND(0.32)
VW96	55	03/24/05	328	ND(1.6)	ND(0.48)	ND(1)	ND(0.76)	ND(0.66)	ND(0.65)	ND(0.65)	ND(0.65)
	55	05/02/05	44.8	ND(0.21)	ND(0.066)	ND(0.14)	ND(0.1)	ND(0.091)	ND(0.089)	ND(0.089)	ND(0.089)
VW99	10	03/29/05	1.55	0.0094	0.0023	ND(0.0049)	ND(0.0036)	ND(0.0031)	ND(0.0031)	ND(0.0031)	ND(0.0031)
	15	03/29/05	1.46	0.0073	ND(0.0022)	ND(0.0046)	ND(0.0034)	ND(0.003)	ND(0.0029)	ND(0.0029)	ND(0.0029)
	20	03/29/05	1.55	ND(0.0074)	ND(0.0023)	ND(0.0049)	ND(0.0036)	ND(0.0031)	ND(0.0031)	ND(0.0031)	ND(0.0031)
	25	03/29/05	1.52	ND(0.0072)	ND(0.0022)	ND(0.0048)	ND(0.0035)	ND(0.0031)	ND(0.003)	ND(0.003)	ND(0.003)
	30	03/29/05	1.55	ND(0.0074)	ND(0.0023)	ND(0.0049)	ND(0.0036)	ND(0.0031)	ND(0.0031)	ND(0.0031)	ND(0.0031)
	35	03/29/05	1.61	ND(0.0076)	ND(0.0024)	ND(0.0051)	ND(0.0037)	ND(0.0032)	ND(0.0032)	ND(0.0032)	ND(0.0032)
	40	03/30/05	52.8	ND(0.25)	ND(0.078)	ND(0.17)	ND(0.12)	ND(0.11)	ND(0.1)	ND(0.1)	ND(0.1)
	45	03/30/05	242	ND(1.1)	ND(0.36)	ND(0.76)	ND(0.56)	ND(0.49)	ND(0.48)	ND(0.48)	ND(0.48)
VW99 Dup	45	03/30/05	229	ND(1.1)	ND(0.34)	ND(0.72)	ND(0.53)	ND(0.46)	ND(0.45)	ND(0.45)	ND(0.45)
VW99	50	03/30/05	1010	ND(4.8)	ND(1.5)	ND(3.2)	ND(2.3)	ND(2)	ND(2)	ND(2)	ND(2)
	55	03/30/05	1550	ND(7.4)	ND(2.3)	ND(4.9)	ND(3.6)	ND(3.1)	ND(3.1)	ND(3.1)	ND(3.1)
VW99A	5	03/30/05	2.20	0.022	0.0047	ND(0.0069)	ND(0.0051)	ND(0.0044)	ND(0.0044)	ND(0.0044)	ND(0.0044)
	10	03/30/05	2.29	ND(0.011)	ND(0.0034)	ND(0.0072)	ND(0.0053)	ND(0.0046)	ND(0.0045)	ND(0.0045)	ND(0.0045)
VW127	5	05/04/05	2.09	0.013	ND(0.0031)	ND(0.0066)	ND(0.0048)	ND(0.0042)	ND(0.0041)	ND(0.0041)	ND(0.0041)

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Table 6b. Soil-Gas Analytical Results for Deep Nested Vapor Well Samples Summary Table, Solvents, Chevron Cincinnati Facility, Hooven, Ohio.

Nested Sample ID	Depth	Date	TO-15 Dilution Factor	Acetone (mg/m³)	2-Butanone (mg/m³)	Carbon tetrachloride (mg/m³)	Chlorobenzene (mg/m³)	1,1-Dichloroethane (mg/m³)	1,1-Dichloroethene (mg/m³)	cis-1,2-Dichloroethene (mg/m³)	trans-1,2-Dichloroethene (mg/m³)
VW127	10	05/04/05	2.33	0.018	ND(0.0034)	ND(0.0073)	ND(0.0054)	ND(0.0047)	ND(0.0046)	ND(0.0046)	ND(0.0046)
	15	05/03/05	2.24	0.012	0.0045	ND(0.007)	ND(0.0052)	ND(0.0045)	ND(0.0044)	ND(0.0044)	ND(0.0044)
	20	05/03/05	2.16	ND(0.01)	ND(0.0032)	ND(0.0068)	ND(0.005)	ND(0.0044)	ND(0.0043)	ND(0.0043)	ND(0.0043)
	30	05/03/05	4.60	ND(0.022)	ND(0.0068)	ND(0.014)	ND(0.01)	ND(0.0093)	ND(0.0091)	ND(0.0091)	ND(0.0091)
	40	05/03/05	2.16	0.028	0.0057	ND(0.0068)	ND(0.005)	ND(0.0044)	ND(0.0043)	ND(0.0043)	ND(0.0043)
	50	05/03/05	4.40	ND(0.021)	ND(0.0065)	ND(0.014)	ND(0.01)	ND(0.0089)	ND(0.0087)	ND(0.0087)	ND(0.0087)
VW128	5	04/09/05	2.33	ND(0.011)	ND(0.0034)	ND(0.0073)	ND(0.0054)	ND(0.0047)	ND(0.0046)	ND(0.0046)	ND(0.0046)
	10	04/09/05	2.47	ND(0.012)	ND(0.0036)	ND(0.0078)	ND(0.0057)	ND(0.005)	ND(0.0049)	ND(0.0049)	ND(0.0049)
	15	04/09/05	2.53	0.014	0.0048	ND(0.008)	ND(0.0058)	ND(0.0051)	ND(0.005)	ND(0.005)	ND(0.005)
	20	04/09/05	2.42	ND(0.011)	ND(0.0036)	ND(0.0076)	ND(0.0056)	ND(0.0049)	ND(0.0048)	ND(0.0048)	ND(0.0048)
	30	04/09/05	2.42	ND(0.011)	ND(0.0036)J	ND(0.0076)	ND(0.0056)	ND(0.0049)	ND(0.0048)	ND(0.0048)	ND(0.0048)
	40	04/09/05	2.20	0.012	ND(0.0032)	ND(0.0069)	ND(0.0051)	ND(0.0044)	ND(0.0044)	ND(0.0044)	ND(0.0044)
	50	04/09/05	2.64	0.02	ND(0.0039)	ND(0.0083)	ND(0.0061)	ND(0.0053)	ND(0.0052)	ND(0.0052)	ND(0.0052)
VW128 Dup	50	04/09/05	2.42	0.012	ND(0.0036)	ND(0.0076)	ND(0.0056)	ND(0.0049)	ND(0.0048)	ND(0.0048)	ND(0.0048)
VW129	5	04/07/05	2.53	ND(0.012)	ND(0.0037)	ND(0.008)	ND(0.0058)	ND(0.0051)	ND(0.005)	ND(0.005)	ND(0.005)
	10	04/07/05	2.42	0.015	ND(0.0036)	0.0077	ND(0.0056)	ND(0.0049)	ND(0.0048)	ND(0.0048)	ND(0.0048)
	15	04/07/05	2.82	0.029	0.0056	0.012	ND(0.0065)	ND(0.0057)	ND(0.0056)	ND(0.0056)	ND(0.0056)
	20	04/07/05	2.33	0.015	ND(0.0034)	0.0099	ND(0.0054)	ND(0.0047)	ND(0.0046)	ND(0.0046)	ND(0.0046)
	30	04/07/05	2.16	ND(0.01)	ND(0.0032)	0.013	ND(0.005)	ND(0.0044)	ND(0.0043)	ND(0.0043)	ND(0.0043)
	40	04/07/05	2.38	0.021	ND(0.0035)	0.014	ND(0.0055)	ND(0.0048)	ND(0.0047)	ND(0.0047)	ND(0.0047)
	50	04/07/05	2.89	0.022	0.0046	ND(0.0091)	ND(0.0066)	ND(0.0058)	ND(0.0057)	ND(0.0057)	ND(0.0057)
VW129 Dup	50	04/07/05	2.53	0.032	0.011	0.012	ND(0.0058)	ND(0.0051)	ND(0.005)	ND(0.005)	ND(0.005)
VW130	5	04/05/05	2.76	ND(0.013)	ND(0.0041)	ND(0.0087)	ND(0.0064)	ND(0.0056)	ND(0.0055)	ND(0.0055)	ND(0.0055)
	10	04/05/05	2.42	ND(0.011)	ND(0.0036)	ND(0.0076)	ND(0.0056)	ND(0.0049)	ND(0.0048)	ND(0.0048)	ND(0.0048)
	15	04/05/05	2.42	0.031	0.0051	ND(0.0076)	ND(0.0056)	ND(0.0049)	ND(0.0048)	ND(0.0048)	ND(0.0048)
	20	04/05/05	2.58	ND(0.012)R	ND(0.0038)R	ND(0.0081)R	ND(0.0059)R	ND(0.0052)R	ND(0.0051)R	ND(0.0051)R	ND(0.0051)R
	20	05/02/05	2.20	0.013	0.0094	ND(0.0069)	ND(0.0051)	ND(0.0044)	ND(0.0044)	ND(0.0044)	ND(0.0044)
	30	04/05/05	2.53	0.035	0.0094	ND(0.008)	ND(0.0058)	ND(0.0051)	ND(0.005)	ND(0.005)	ND(0.005)
VW130 Dup	30	04/05/05	2.58	0.013 J	0.013	ND(0.0081)	ND(0.0059)	ND(0.0052)	ND(0.0051)	ND(0.0051)	ND(0.0051)
VW130	40	04/04/05	2.76	0.016	ND(0.0041)	ND(0.0087)	ND(0.0064)	ND(0.0056)	ND(0.0055)	ND(0.0055)	ND(0.0055)
	40	05/02/05	2.58	0.02	0.022	ND(0.0081)	ND(0.0059)	ND(0.0052)	ND(0.0051)	ND(0.0051)	ND(0.0051)
	50	04/04/05	2.53	0.054	0.0074	ND(0.008)	ND(0.0058)	ND(0.0051)	ND(0.005)	ND(0.005)	ND(0.005)

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Table 6b. Soil-Gas Analytical Results for Deep Nested Vapor Well Samples Summary Table, Solvents, Chevron Cincinnati Facility, Hooven, Ohio.

Nested Sample ID	Depth	Date	TO-15 Dilution Factor	1,4-Dioxane (mg/m³)	Hexachlorobutadiene (mg/m³)	2-Hexanone (mg/m³)	Isopropanol (mg/m³)	4-Methyl-2-Pentanone (mg/m³)	Methylene Chloride (mg/m³)	1,1,2,2-Tetrachloroethane (mg/m³)	Tetrachloroethene (mg/m³)
VW93	10	03/31/05	2.96	ND(0.021)	ND(0.063)	ND(0.024)	ND(0.014)	ND(0.0061)	ND(0.0051)	ND(0.01)	ND(0.01)
	15	03/31/05	2.76	ND(0.02)	ND(0.059)	ND(0.023)	ND(0.014)	ND(0.0056)	ND(0.0048)	ND(0.0095)	ND(0.0094)
	20	03/31/05	2.33	ND(0.017)	ND(0.05)	ND(0.019)	ND(0.011)	ND(0.0048)	ND(0.004)	ND(0.008)	ND(0.0079)
VW93 Dup	20	03/31/05	2.42	ND(0.017)	ND(0.052)	ND(0.02)	ND(0.012)	ND(0.005)	ND(0.0042)	ND(0.0083)	ND(0.0082)
VW93	25	03/31/05	2.69	ND(0.019)	ND(0.057)	ND(0.022)	ND(0.013)	ND(0.0055)	ND(0.0047)	ND(0.0092)	ND(0.0091)
	30	03/31/05	2.53	ND(0.018)	ND(0.054)	ND(0.021)	ND(0.012)	ND(0.0052)	ND(0.0044)	ND(0.0087)	ND(0.0086)
	35	03/31/05	2.29	ND(0.016)	ND(0.049)	ND(0.019)	ND(0.011)	ND(0.0047)	ND(0.004)	ND(0.0079)	ND(0.0078)
	40	03/31/05	2.24	ND(0.016)	ND(0.048)	ND(0.018)	ND(0.011)	ND(0.0046)	ND(0.0039)	ND(0.0077)	ND(0.0076)
	45	03/31/05	2.42	ND(0.017)	ND(0.052)	ND(0.02)	ND(0.012)	ND(0.005)	ND(0.0042)	ND(0.0083)	ND(0.0082)
	50	03/31/05	2.64	ND(0.019)	ND(0.056)	ND(0.022)	ND(0.013)	ND(0.0054)	ND(0.0046)	ND(0.0091)	ND(0.009)
	55	03/31/05	2.58	ND(0.018)	ND(0.055)	ND(0.021)	0.032	ND(0.0053)	ND(0.0045)	ND(0.0088)	ND(0.0088)
	60	03/31/05	440	ND(3.2)	ND(9.4)	ND(3.6)	ND(2.2)	ND(0.9)	ND(0.76)	ND(1.5)	ND(1.5)
VW93A	5	03/31/05	2.33	ND(0.017)	ND(0.05)	ND(0.019)	ND(0.011)	ND(0.0048)	ND(0.004)	ND(0.008)	ND(0.0079)
VW96	5	03/22/05	2.05	ND(0.015)	ND(0.044)	ND(0.017)	0.11	0.024 J	0.0088	ND(0.007)	ND(0.007)
	10	03/22/05	2.13	ND(0.015)	ND(0.045)	ND(0.017)	ND(0.01)	ND(0.0044)	ND(0.0037)	ND(0.0073)	ND(0.0072)
	15	03/22/05	2.16	ND(0.016)	ND(0.046)	ND(0.018)	ND(0.011)	ND(0.0044)	ND(0.0038)	0.0086	ND(0.0073)
	20	03/22/05	2.38	ND(0.017)	ND(0.051)	ND(0.019)	ND(0.012)	ND(0.0049)	ND(0.0041)	ND(0.0082)	ND(0.0081)
	25	03/22/05	2.13	ND(0.015)	ND(0.045)	ND(0.017)	ND(0.01)	ND(0.0044)	ND(0.0037)	ND(0.0073)	0.011
	30	03/24/05	1.75	ND(0.013)	ND(0.037)	ND(0.014)	ND(0.0086)	ND(0.0036)	ND(0.003)	ND(0.006)	0.006
	30	05/02/05	2.20	ND(0.016)	ND(0.047)	ND(0.018)	ND(0.011)	ND(0.0045)	ND(0.0038)	ND(0.0076)	ND(0.0075)
	35	03/24/05	1.79	ND(0.013)R	ND(0.038)R	ND(0.015)R	ND(0.0088)R	ND(0.0037)R	0.1 R	ND(0.0061)R	ND(0.0061)R
	35	05/02/05	2.20	ND(0.016)	ND(0.047)	ND(0.018)	ND(0.011)	ND(0.0045)	ND(0.0038)	ND(0.0076)	0.008
VW96 Dup	35	05/02/05	22.9	ND(0.16)	ND(0.49)	ND(0.19)	ND(0.11)	ND(0.047)	ND(0.04)	ND(0.079)	0.46
VW96	40	03/24/05	1.58	ND(0.011)	ND(0.034)	ND(0.013)	ND(0.0078)	ND(0.0032)	ND(0.0027)	ND(0.0054)	0.0061
	45	03/24/05	1.55	ND(0.011)	ND(0.033)	ND(0.013)	ND(0.0076)	ND(0.0032)	ND(0.0027)	ND(0.0053)	0.018
	50	03/24/05	336	ND(2.4)	ND(7.2)	ND(2.8)	ND(1.6)	ND(0.69)	ND(0.58)	ND(1.2)	ND(1.1)
VW96 Dup	50	03/24/05	164	ND(1.2)	ND(3.5)	ND(1.3)	ND(0.81)	ND(0.34)	ND(0.28)	ND(0.56)	ND(0.56)
VW96	55	03/24/05	328	ND(2.4)	ND(7)	ND(2.7)	ND(1.6)	ND(0.67)	ND(0.57)	ND(1.1)	ND(1.1)
	55	05/02/05	44.8	ND(0.32)	ND(0.96)	ND(0.37)	ND(0.22)	ND(0.092)	ND(0.078)	ND(0.15)	ND(0.15)
VW99	10	03/29/05	1.55	ND(0.011)	ND(0.033)	ND(0.013)	ND(0.0076)	ND(0.0032)	ND(0.0027)	ND(0.0053)	ND(0.0052)
	15	03/29/05	1.46	ND(0.01)	ND(0.031)	ND(0.012)	ND(0.0072)	ND(0.003)	ND(0.0025)	ND(0.005)	ND(0.005)
	20	03/29/05	1.55	ND(0.011)	ND(0.033)	ND(0.013)	ND(0.0076)	ND(0.0032)	ND(0.0027)	ND(0.0053)	0.0066
	25	03/29/05	1.52	ND(0.011)	ND(0.032)	ND(0.012)	ND(0.0075)	ND(0.0031)	ND(0.0026)	ND(0.0052)	0.011
	30	03/29/05	1.55	ND(0.011)	ND(0.033)	ND(0.013)	ND(0.0076)	ND(0.0032)	ND(0.0027)	ND(0.0053)	0.031
	35	03/29/05	1.61	ND(0.012)	ND(0.034)	ND(0.013)	ND(0.0079)	ND(0.0033)	ND(0.0028)	ND(0.0055)	0.05
	40	03/30/05	52.8	ND(0.38)	ND(1.1)	ND(0.43)	ND(0.26)	ND(0.11)	ND(0.092)	ND(0.18)	ND(0.18)
	45	03/30/05	242	ND(1.7)	ND(5.2)	ND(2)	ND(1.2)	ND(0.5)	ND(0.42)	ND(0.83)	ND(0.82)
VW99 Dup	45	03/30/05	229	ND(1.6)	ND(4.9)	ND(1.9)	ND(1.1)	ND(0.47)	ND(0.4)	ND(0.79)	ND(0.78)
VW99	50	03/30/05	1010	ND(7.3)	ND(22)	ND(8.3)	ND(5)	ND(2.1)	ND(1.8)	ND(3.5)	ND(3.4)
	55	03/30/05	1550	ND(11)	ND(33)	ND(13)	ND(7.6)	ND(3.2)	ND(2.7)	ND(5.3)	ND(5.3)
VW99A	5	03/30/05	2.20	ND(0.016)	ND(0.047)	ND(0.018)	ND(0.011)	ND(0.0045)	ND(0.0038)	ND(0.0076)	ND(0.0075)
	10	03/30/05	2.29	ND(0.016)	ND(0.049)	ND(0.019)	ND(0.011)	ND(0.0047)	ND(0.004)	ND(0.0079)	ND(0.0078)
VW127	5	05/04/05	2.09	ND(0.015)	ND(0.044)	ND(0.017)	ND(0.01)	ND(0.0043)	0.0073	ND(0.0072)	ND(0.0071)

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Table 6b. Soil-Gas Analytical Results for Deep Nested Vapor Well Samples Summary Table, Solvents, Chevron Cincinnati Facility, Hooven, Ohio.

Nested Sample ID	Depth	Date	TO-15 Dilution Factor	1,4-Dioxane (mg/m³)	Hexachlorobutadiene (mg/m³)	2-Hexanone (mg/m³)	Isopropanol (mg/m³)	4-Methyl-2-Pentanone (mg/m³)	Methylene Chloride (mg/m³)	1,1,2,2-Tetrachloroethane (mg/m³)	Tetrachloroethene (mg/m³)
VW127	10	05/04/05	2.33	ND(0.017)	ND(0.05)	ND(0.019)	ND(0.011)	ND(0.0048)	0.012	ND(0.008)	ND(0.0079)
	15	05/03/05	2.24	ND(0.016)	ND(0.048)	ND(0.018)	ND(0.011)	ND(0.0046)	0.021	ND(0.0077)	ND(0.0076)
	20	05/03/05	2.16	ND(0.016)	ND(0.046)	ND(0.018)	ND(0.011)	ND(0.0044)	0.0091	ND(0.0074)	0.096
	30	05/03/05	4.60	ND(0.033)	ND(0.098)	ND(0.038)	ND(0.023)	ND(0.0094)	0.028	ND(0.016)	ND(0.016)
	40	05/03/05	2.16	ND(0.016)	ND(0.046)	ND(0.018)	ND(0.011)	ND(0.0044)	0.008	ND(0.0074)	0.12
	50	05/03/05	4.40	ND(0.032)	ND(0.094)	ND(0.036)	ND(0.022)	ND(0.009)	ND(0.0076)	ND(0.015)	0.14
VW128	5	04/09/05	2.33	ND(0.017)	ND(0.05)UJ	ND(0.019)	ND(0.011)	ND(0.0048)	0.038	ND(0.008)	ND(0.0079)J
	10	04/09/05	2.47	ND(0.018)	ND(0.053)UJ	ND(0.02)	ND(0.012)	ND(0.005)	0.042	ND(0.0085)	ND(0.0084)J
	15	04/09/05	2.53	ND(0.018)	ND(0.054)UJ	ND(0.021)	ND(0.012)	ND(0.0052)	0.028	ND(0.0087)	ND(0.0086)J
	20	04/09/05	2.42	ND(0.017)	ND(0.052)UJ	ND(0.02)	ND(0.012)	ND(0.005)	0.036	ND(0.0083)	ND(0.0082)J
	30	04/09/05	2.42	ND(0.017)	ND(0.052)UJ	ND(0.02)	ND(0.012)	ND(0.005)	ND(0.0042)	ND(0.0083)	ND(0.0082)J
	40	04/09/05	2.20	ND(0.016)	ND(0.047)UJ	ND(0.018)	ND(0.011)	ND(0.0045)	ND(0.0038)	ND(0.0076)	ND(0.0075)J
	50	04/09/05	2.64	ND(0.019)	ND(0.056)UJ	ND(0.022)	ND(0.013)	ND(0.0054)	ND(0.0046)	ND(0.0091)	ND(0.009)J
VW128 Dup	50	04/09/05	2.42	ND(0.017)	ND(0.052)UJ	ND(0.02)	ND(0.012)	ND(0.005)	ND(0.0042)	ND(0.0083)	ND(0.0082)
VW129	5	04/07/05	2.53	ND(0.018)	ND(0.054)	ND(0.021)	ND(0.012)	ND(0.0052)	ND(0.0044)	ND(0.0087)	ND(0.0086)
	10	04/07/05	2.42	ND(0.017)	ND(0.052)	ND(0.02)	ND(0.012)	ND(0.005)	ND(0.0042)	ND(0.0083)	ND(0.0082)
	15	04/07/05	2.82	ND(0.02)	ND(0.06)	ND(0.023)	ND(0.014)	ND(0.0058)	ND(0.0049)	ND(0.0097)	ND(0.0096)
	20	04/07/05	2.33	ND(0.017)	ND(0.05)	ND(0.019)	ND(0.011)	ND(0.0048)	ND(0.004)	ND(0.008)	ND(0.0079)
	30	04/07/05	2.16	ND(0.016)	ND(0.046)	ND(0.018)	ND(0.011)	ND(0.0044)	ND(0.0038)	ND(0.0074)	ND(0.0073)
	40	04/07/05	2.38	ND(0.017)	ND(0.051)	ND(0.019)	ND(0.012)	ND(0.0049)	ND(0.0041)	ND(0.0082)	ND(0.0081)
	50	04/07/05	2.89	ND(0.021)	ND(0.062)	ND(0.024)	ND(0.014)	ND(0.0059)	0.026	ND(0.0099)	ND(0.0098)
VW129 Dup	50	04/07/05	2.53	ND(0.018)	ND(0.054)	ND(0.021)	ND(0.012)	ND(0.0052)	ND(0.0044)	ND(0.0087)	ND(0.0086)
VW130	5	04/05/05	2.76	ND(0.02)	ND(0.059)	ND(0.023)	ND(0.014)	ND(0.0056)	0.024	ND(0.0095)	ND(0.0094)
	10	04/05/05	2.42	ND(0.017)	ND(0.052)	ND(0.02)	ND(0.012)	ND(0.005)	0.023	ND(0.0083)	ND(0.0082)
	15	04/05/05	2.42	ND(0.017)	ND(0.052)	ND(0.02)	ND(0.012)	ND(0.005)	0.008	ND(0.0083)	0.014
	20	04/05/05	2.58	ND(0.018)R	ND(0.055)R	ND(0.021)R	ND(0.013)R	ND(0.0053)R	0.062 R	ND(0.0088)R	ND(0.0088)R
	20	05/02/05	2.20	ND(0.016)	ND(0.047)	ND(0.018)	ND(0.011)	ND(0.0045)	ND(0.0038)	ND(0.0076)	ND(0.0075)
	30	04/05/05	2.53	ND(0.018)	ND(0.054)	ND(0.021)	ND(0.012)	ND(0.0052)	0.018	ND(0.0087)	ND(0.0086)
VW130 Dup	30	04/05/05	2.58	0.022 J	ND(0.055)	ND(0.021)	ND(0.013)	ND(0.0053)	0.018	ND(0.0088)	0.44
VW130	40	04/04/05	2.76	ND(0.02)	ND(0.059)	ND(0.023)	ND(0.014)	ND(0.0056)	0.05	ND(0.0095)	ND(0.0094)
	40	05/02/05	2.58	ND(0.018)	ND(0.055)	ND(0.021)	ND(0.013)	ND(0.0053)	ND(0.0045)	ND(0.0088)	ND(0.0088)
	50	04/04/05	2.53	ND(0.018)	ND(0.054)	ND(0.021)	ND(0.012)	ND(0.0052)	ND(0.0044)	ND(0.0087)	ND(0.0086)

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Table 6b. Soil-Gas Analytical Results for Deep Nested Vapor Well Samples Summary Table, Solvents, Chevron Cincinnati Facility, Hooven, Ohio.

Nested Sample ID	Depth	Date	TO-15 Dilution Factor	Tetrahydrofuran (mg/m³)	1,1,1-Trichloroethane (mg/m³)	1,1,2-Trichloroethane (mg/m³)	Trichloroethene (mg/m³)	Vinyl Chloride (mg/m³)
VW93	10	03/31/05	2.96	0.0044	ND(0.0081)	ND(0.0081)	ND(0.008)	ND(0.0038)
	15	03/31/05	2.76	ND(0.0041)	ND(0.0075)	ND(0.0075)	ND(0.0074)	ND(0.0035)
	20	03/31/05	2.33	ND(0.0034)	ND(0.0064)	ND(0.0064)	ND(0.0063)	ND(0.003)
VW93 Dup	20	03/31/05	2.42	ND(0.0036)	ND(0.0066)	ND(0.0066)	ND(0.0065)	ND(0.0031)
VW93	25	03/31/05	2.69	0.004	ND(0.0073)	ND(0.0073)	ND(0.0072)	ND(0.0034)
	30	03/31/05	2.53	0.0044	ND(0.0069)	ND(0.0069)	ND(0.0068)	ND(0.0032)
	35	03/31/05	2.29	ND(0.0034)	ND(0.0062)	ND(0.0062)	ND(0.0062)	ND(0.0029)
	40	03/31/05	2.24	0.0035	ND(0.0061)	ND(0.0061)	ND(0.006)	ND(0.0029)
	45	03/31/05	2.42	ND(0.0036)	ND(0.0066)	ND(0.0066)	ND(0.0065)	ND(0.0031)
	50	03/31/05	2.64	0.023	ND(0.0072)	ND(0.0072)	ND(0.0071)	ND(0.0034)
	55	03/31/05	2.58	0.0063	ND(0.007)	ND(0.007)	ND(0.0069)	ND(0.0033)
	60	03/31/05	440	ND(0.65)	ND(1.2)	ND(1.2)	ND(1.2)	ND(0.56)
VW93A	5	03/31/05	2.33	ND(0.0034)	ND(0.0064)	ND(0.0064)	ND(0.0063)	ND(0.003)
VW96	5	03/22/05	2.05	0.029 J	ND(0.0056)	ND(0.0056)	ND(0.0055)	ND(0.0026)
	10	03/22/05	2.13	ND(0.0031)	ND(0.0058)	ND(0.0058)	ND(0.0057)	ND(0.0027)
	15	03/22/05	2.16	ND(0.0032)	ND(0.0059)	ND(0.0059)	ND(0.0058)	ND(0.0028)
	20	03/22/05	2.38	ND(0.0035)	ND(0.0065)	ND(0.0065)	ND(0.0064)	ND(0.003)
	25	03/22/05	2.13	ND(0.0031)	ND(0.0058)	ND(0.0058)	ND(0.0057)	ND(0.0027)
	30	03/24/05	1.75	ND(0.0026)	ND(0.0048)	ND(0.0048)	ND(0.0047)	ND(0.0022)
	30	05/02/05	2.20	ND(0.013)	ND(0.006)	ND(0.006)	ND(0.0059)	ND(0.0028)
	35	03/24/05	1.79	ND(0.0026)R	ND(0.0049)R	ND(0.0049)R	ND(0.0048)R	ND(0.0023)R
	35	05/02/05	2.20	ND(0.013)	ND(0.006)	ND(0.006)	ND(0.0059)	ND(0.0028)
VW96 Dup	35	05/02/05	22.9	ND(0.14)	ND(0.062)	ND(0.062)	ND(0.062)	ND(0.029)
VW96	40	03/24/05	1.58	ND(0.0023)	ND(0.0043)	ND(0.0043)	ND(0.0042)	ND(0.002)
	45	03/24/05	1.55	ND(0.0023)	ND(0.0042)	ND(0.0042)	ND(0.0042)	ND(0.002)
	50	03/24/05	336	ND(0.5)	ND(0.92)	ND(0.92)	ND(0.9)	ND(0.43)
VW96 Dup	50	03/24/05	164	ND(0.24)	ND(0.45)	ND(0.45)	ND(0.44)	ND(0.21)
VW96	55	03/24/05	328	ND(0.48)	ND(0.89)	ND(0.89)	ND(0.88)	ND(0.42)
	55	05/02/05	44.8	ND(0.26)	ND(0.12)	ND(0.12)	ND(0.12)	ND(0.057)
VW99	10	03/29/05	1.55	ND(0.0023)	ND(0.0042)	ND(0.0042)	ND(0.0042)	ND(0.002)
	15	03/29/05	1.46	ND(0.0022)	ND(0.004)	ND(0.004)	ND(0.0039)	ND(0.0019)
	20	03/29/05	1.55	ND(0.0023)	ND(0.0042)	ND(0.0042)	ND(0.0042)	ND(0.002)
	25	03/29/05	1.52	ND(0.0022)	ND(0.0041)	ND(0.0041)	ND(0.0041)	ND(0.0019)
	30	03/29/05	1.55	ND(0.0023)	ND(0.0042)	ND(0.0042)	ND(0.0042)	ND(0.002)
	35	03/29/05	1.61	ND(0.0024)	ND(0.0044)	ND(0.0044)	ND(0.0043)	ND(0.002)
	40	03/30/05	52.8	ND(0.078)	ND(0.14)	ND(0.14)	ND(0.14)	ND(0.067)
	45	03/30/05	242	ND(0.36)	ND(0.66)	ND(0.66)	ND(0.65)	ND(0.31)
VW99 Dup	45	03/30/05	229	ND(0.34)	ND(0.62)	ND(0.62)	ND(0.62)	ND(0.29)
VW99	50	03/30/05	1010	ND(1.5)	ND(2.8)	ND(2.8)	ND(2.7)	ND(1.3)
	55	03/30/05	1550	ND(2.3)	ND(4.2)	ND(4.2)	ND(4.2)	ND(2)
VW99A	5	03/30/05	2.20	0.014	ND(0.006)	ND(0.006)	ND(0.0059)	ND(0.0028)
	10	03/30/05	2.29	ND(0.0034)	ND(0.0062)	ND(0.0062)	ND(0.0062)	ND(0.0029)
VW127	5	05/04/05	2.09	ND(0.012)	ND(0.0057)	ND(0.0057)	ND(0.0056)	ND(0.0027)

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Table 6b. Soil-Gas Analytical Results for Deep Nested Vapor Well Samples Summary Table, Solvents, Chevron Cincinnati Facility, Hooven, Ohio.

Nested Sample ID	Depth	Date	TO-15 Dilution Factor	Tetrahydrofuran (mg/m³)	1,1,1-Trichloroethane (mg/m³)	1,1,2-Trichloroethane (mg/m³)	Trichloroethene (mg/m³)	Vinyl Chloride (mg/m³)
VW127	10	05/04/05	2.33	ND(0.014)	ND(0.0064)	ND(0.0064)	ND(0.0063)	ND(0.003)
	15	05/03/05	2.24	ND(0.013)	ND(0.0061)	ND(0.0061)	ND(0.006)	ND(0.0029)
	20	05/03/05	2.16	ND(0.013)	ND(0.0059)	ND(0.0059)	ND(0.0058)	ND(0.0028)
	30	05/03/05	4.60	ND(0.027)	ND(0.012)	ND(0.012)	ND(0.012)	ND(0.0059)
	40	05/03/05	2.16	ND(0.013)	ND(0.0059)	ND(0.0059)	ND(0.0058)	ND(0.0028)
	50	05/03/05	4.40	ND(0.026)	ND(0.012)	ND(0.012)	ND(0.012)	ND(0.0056)
VW128	5	04/09/05	2.33	ND(0.014)	ND(0.0064)	ND(0.0064)	ND(0.0063)	ND(0.003)
	10	04/09/05	2.47	ND(0.014)	ND(0.0067)	ND(0.0067)	ND(0.0066)	ND(0.0032)
	15	04/09/05	2.53	ND(0.015)	ND(0.0069)	ND(0.0069)	ND(0.0068)	ND(0.0032)
	20	04/09/05	2.42	ND(0.014)	ND(0.0066)	ND(0.0066)	ND(0.0065)	ND(0.0031)
	30	04/09/05	2.42	ND(0.014)	ND(0.0066)	ND(0.0066)	ND(0.0065)	ND(0.0031)
	40	04/09/05	2.20	ND(0.013)	ND(0.006)	ND(0.006)	ND(0.0059)	ND(0.0028)
	50	04/09/05	2.64	ND(0.016)	ND(0.0072)	ND(0.0072)	ND(0.0071)	ND(0.0034)
VW128 Dup	50	04/09/05	2.42	ND(0.014)	ND(0.0066)	ND(0.0066)	ND(0.0065)	ND(0.0031)
VW129	5	04/07/05	2.53	ND(0.015)	0.0079	ND(0.0069)	ND(0.0068)	ND(0.0032)
	10	04/07/05	2.42	ND(0.014)	0.0086	ND(0.0066)	ND(0.0065)	ND(0.0031)
	15	04/07/05	2.82	ND(0.017)	0.021	ND(0.0077)	ND(0.0076)	ND(0.0036)
	20	04/07/05	2.33	ND(0.014)	0.01	ND(0.0064)	ND(0.0063)	ND(0.003)
	30	04/07/05	2.16	ND(0.013)	0.014	ND(0.0059)	ND(0.0058)	ND(0.0028)
	40	04/07/05	2.38	ND(0.014)	0.018	ND(0.0065)	ND(0.0064)	ND(0.003)
	50	04/07/05	2.89	ND(0.017)	ND(0.0079)	ND(0.0079)	ND(0.0078)	ND(0.0037)
VW129 Dup	50	04/07/05	2.53	ND(0.015)	0.021	ND(0.0069)	ND(0.0068)	ND(0.0032)
VW130	5	04/05/05	2.76	ND(0.0041)	ND(0.0075)	ND(0.0075)	ND(0.0074)	ND(0.0035)
	10	04/05/05	2.42	ND(0.0036)	ND(0.0066)	ND(0.0066)	ND(0.0065)	ND(0.0031)
	15	04/05/05	2.42	0.0093	ND(0.0066)	ND(0.0066)	ND(0.0065)	ND(0.0031)
	20	04/05/05	2.58	ND(0.0038)R	ND(0.007)R	ND(0.007)R	ND(0.0069)R	ND(0.0033)R
	20	05/02/05	2.20	ND(0.013)	ND(0.006)	ND(0.006)	ND(0.0059)	ND(0.0028)
	30	04/05/05	2.53	0.031	ND(0.0069)	ND(0.0069)	ND(0.0068)	ND(0.0032)
VW130 Dup	30	04/05/05	2.58	0.0086 J	ND(0.007)	ND(0.007)	ND(0.0069)	ND(0.0033)
VW130	40	04/04/05	2.76	0.0042	ND(0.0075)	ND(0.0075)	ND(0.0074)	ND(0.0035)
	40	05/02/05	2.58	ND(0.015)	ND(0.007)	ND(0.007)	ND(0.0069)	ND(0.0033)
	50	04/04/05	2.53	0.0058	ND(0.0069)	ND(0.0069)	ND(0.0068)	ND(0.0032)

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Table 6c. Soil-Gas Analytical Results for Deep Nested Vapor Well Samples Summary Table, Water Treatment and Other Chemicals, Chevron Cincinnati Facility, Hooven, Ohio.

Nested Sample ID	Depth	Date	TO-15 Dilution Factor	Allyl Chloride (mg/m³)	Benzylchloride (mg/m³)	Bromomethane (mg/m³)	Carbon Disulfide (mg/m³)	Chloroethane (mg/m³)	Chloromethane (mg/m³)	1,2-Dichlorobenzene (mg/m³)	1,3-Dichlorobenzene (mg/m³)
VW93	10	03/31/05	2.96	ND(0.018)	ND(0.0077)	ND(0.0057)	ND(0.0046)	ND(0.0039)	ND(0.012)	ND(0.0089)	ND(0.0089)
	15	03/31/05	2.76	ND(0.017)	ND(0.0071)	ND(0.0054)	ND(0.0043)	ND(0.0036)	ND(0.011)	ND(0.0083)	ND(0.0083)
	20	03/31/05	2.33	ND(0.014)	ND(0.006)	ND(0.0045)	ND(0.0036)	ND(0.0031)	ND(0.0096)	ND(0.007)	ND(0.007)
VW93 Dup	20	03/31/05	2.42	ND(0.015)	ND(0.0063)	ND(0.0047)	ND(0.0038)	ND(0.0032)	ND(0.01)	ND(0.0073)	ND(0.0073)
VW93	25	03/31/05	2.69	ND(0.017)	ND(0.007)	ND(0.0052)	ND(0.0042)	ND(0.0035)	ND(0.011)	ND(0.0081)	ND(0.0081)
	30	03/31/05	2.53	ND(0.016)	ND(0.0065)	ND(0.0049)	ND(0.0039)	ND(0.0033)	ND(0.01)	ND(0.0076)	ND(0.0076)
	35	03/31/05	2.29	ND(0.014)	ND(0.0059)	ND(0.0044)	ND(0.0036)	ND(0.003)	ND(0.0094)	ND(0.0069)	ND(0.0069)
	40	03/31/05	2.24	ND(0.014)	ND(0.0058)	ND(0.0043)	ND(0.0035)	ND(0.003)	ND(0.0092)	ND(0.0067)	ND(0.0067)
	45	03/31/05	2.42	ND(0.015)	ND(0.0063)	ND(0.0047)	ND(0.0038)	ND(0.0032)	ND(0.01)	ND(0.0073)	ND(0.0073)
	50	03/31/05	2.64	ND(0.016)	ND(0.0068)	ND(0.0051)	ND(0.0041)	ND(0.0035)	ND(0.011)	ND(0.0079)	ND(0.0079)
	55	03/31/05	2.58	ND(0.016)	ND(0.0067)	ND(0.005)	ND(0.004)	ND(0.0034)	ND(0.011)	ND(0.0078)	ND(0.0078)
	60	03/31/05	440	ND(2.8)	ND(1.1)	ND(0.85)	ND(0.68)	ND(0.58)	ND(1.8)	ND(1.3)	ND(1.3)
VW93A	5	03/31/05	2.33	ND(0.014)	ND(0.006)	ND(0.0045)	ND(0.0036)	ND(0.0031)	ND(0.0096)	ND(0.007)	ND(0.007)
VW96	5	03/22/05	2.05	ND(0.013)	ND(0.0053)	ND(0.004)	0.072	ND(0.0027)	0.015 J	ND(0.0062)	ND(0.0062)
	10	03/22/05	2.13	ND(0.013)	ND(0.0055)	ND(0.0041)	ND(0.0033)	ND(0.0028)	ND(0.0088)	ND(0.0064)	ND(0.0064)
	15	03/22/05	2.16	ND(0.014)	ND(0.0056)	ND(0.0042)	ND(0.0034)	ND(0.0028)	ND(0.0089)	ND(0.0065)	ND(0.0065)
	20	03/22/05	2.38	ND(0.015)	ND(0.0062)	ND(0.0046)	ND(0.0037)	ND(0.0031)	ND(0.0098)	ND(0.0072)	ND(0.0072)
	25	03/22/05	2.13	ND(0.013)	ND(0.0055)	ND(0.0041)	ND(0.0033)	ND(0.0028)	ND(0.0088)	ND(0.0064)	ND(0.0064)
	30	03/24/05	1.75	ND(0.011)	ND(0.0045)	ND(0.0034)	ND(0.0027)	ND(0.0023)	ND(0.0072)	ND(0.0053)	ND(0.0053)
	30	05/02/05	2.20	ND(0.014)	ND(0.0057)	ND(0.0043)	ND(0.0034)	ND(0.0029)	ND(0.0091)	ND(0.0066)	ND(0.0066)
	35	03/24/05	1.79	ND(0.011)R	ND(0.0046)R	ND(0.0035)R	0.031 R	ND(0.0024)R	ND(0.0074)R	ND(0.0054)R	ND(0.0054)R
	35	05/02/05	2.20	ND(0.014)	ND(0.0057)	ND(0.0043)	0.0064	ND(0.0029)	ND(0.0091)	ND(0.0066)	ND(0.0066)
VW96 Dup	35	05/02/05	22.9	ND(0.14)	ND(0.059)	ND(0.044)	ND(0.036)	ND(0.03)	ND(0.094)	ND(0.069)	ND(0.069)
VW96	40	03/24/05	1.58	ND(0.0099)	ND(0.0041)	ND(0.0031)	ND(0.0025)	ND(0.0021)	ND(0.0065)	ND(0.0047)	ND(0.0048)
	45	03/24/05	1.55	ND(0.0097)	ND(0.004)	ND(0.003)	ND(0.0024)	ND(0.002)	ND(0.0064)	ND(0.0046)	ND(0.0046)
	50	03/24/05	336	ND(2.1)	ND(0.87)	ND(0.65)	ND(0.52)	ND(0.44)	ND(1.4)	ND(1)	ND(1)
VW96 Dup	50	03/24/05	164	ND(1)	ND(0.42)	ND(0.32)	ND(0.26)	ND(0.22)	ND(0.68)	ND(0.49)	ND(0.49)
VW96	55	03/24/05	328	ND(2)	ND(0.85)	ND(0.64)	0.19 J	ND(0.43)	ND(1.4)	ND(0.99)	ND(0.99)
	55	05/02/05	44.8	ND(0.28)	ND(0.12)	ND(0.087)	ND(0.07)	ND(0.059)	ND(0.18)	ND(0.13)	ND(0.13)
VW99	10	03/29/05	1.55	ND(0.0097)	ND(0.004)	ND(0.003)	ND(0.0024)	ND(0.002)	ND(0.0064)	ND(0.0046)	ND(0.0046)
	15	03/29/05	1.46	ND(0.0091)	ND(0.0038)	ND(0.0028)	ND(0.0023)	ND(0.0019)	ND(0.006)	ND(0.0044)	ND(0.0044)
	20	03/29/05	1.55	ND(0.0097)	ND(0.004)	ND(0.003)	ND(0.0024)	ND(0.002)	ND(0.0064)	ND(0.0046)	ND(0.0046)
	25	03/29/05	1.52	ND(0.0095)	ND(0.0039)	ND(0.003)	0.0031	ND(0.002)	ND(0.0063)	ND(0.0046)	ND(0.0046)
	30	03/29/05	1.55	ND(0.0097)	ND(0.004)	ND(0.003)	ND(0.0024)	ND(0.002)	ND(0.0064)	ND(0.0046)	ND(0.0046)
	35	03/29/05	1.61	ND(0.01)	ND(0.0042)	ND(0.0031)	ND(0.0025)	ND(0.0021)	ND(0.0066)	ND(0.0048)	ND(0.0048)
	40	03/30/05	52.8	ND(0.33)	ND(0.14)	ND(0.1)	ND(0.082)	ND(0.07)	ND(0.22)	ND(0.16)	ND(0.16)
	45	03/30/05	242	ND(1.5)	ND(0.63)	ND(0.47)	ND(0.38)	ND(0.32)	ND(1)	ND(0.73)	ND(0.73)
VW99 Dup	45	03/30/05	229	ND(1.4)	ND(0.59)	ND(0.44)	ND(0.36)	ND(0.3)	ND(0.94)	ND(0.69)	ND(0.69)
VW99	50	03/30/05	1010	ND(6.3)	ND(2.6)	ND(2)	ND(1.6)	ND(1.3)	ND(4.2)	ND(3)	ND(3)
	55	03/30/05	1550	ND(9.7)	ND(4)	ND(3)	ND(2.4)	ND(2)	ND(6.4)	ND(4.7)	ND(4.7)
VW99A	5	03/30/05	2.20	ND(0.014)	ND(0.0057)	ND(0.0043)	ND(0.0034)	ND(0.0029)	ND(0.0091)	ND(0.0066)	ND(0.0066)
	10	03/30/05	2.29	ND(0.014)	ND(0.0059)	ND(0.0044)	ND(0.0036)	ND(0.003)	ND(0.0094)	ND(0.0069)	ND(0.0069)
VW127	5	05/04/05	2.09	ND(0.013)	ND(0.0054)	ND(0.004)	0.0075	ND(0.0028)	ND(0.0086)	ND(0.0063)	ND(0.0063)

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Table 6c. Soil-Gas Analytical Results for Deep Nested Vapor Well Samples Summary Table, Water Treatment and Other Chemicals, Chevron Cincinnati Facility, Hooven, Ohio.

Nested Sample ID	Depth	Date	TO-15 Dilution Factor	Allyl Chloride (mg/m³)	Benzylchloride (mg/m³)	Bromomethane (mg/m³)	Carbon Disulfide (mg/m³)	Chloroethane (mg/m³)	Chloromethane (mg/m³)	1,2-Dichlorobenzene (mg/m³)	1,3-Dichlorobenzene (mg/m³)
VW127	10	05/04/05	2.33	ND(0.014)	ND(0.006)	ND(0.0045)	0.011	ND(0.0031)	ND(0.0096)	ND(0.007)	ND(0.007)
	15	05/03/05	2.24	ND(0.014)	ND(0.0058)	ND(0.0043)	0.18	ND(0.003)	ND(0.0092)	ND(0.0067)	ND(0.0067)
	20	05/03/05	2.16	ND(0.014)	ND(0.0056)	ND(0.0042)	0.068	ND(0.0028)	ND(0.0089)	ND(0.0065)	ND(0.0065)
	30	05/03/05	4.60	ND(0.029)	ND(0.012)	ND(0.0089)	0.28	ND(0.0061)	ND(0.019)	ND(0.014)	ND(0.014)
	40	05/03/05	2.16	ND(0.014)	ND(0.0056)	ND(0.0042)	0.14	ND(0.0028)	ND(0.0089)	ND(0.0065)	ND(0.0065)
	50	05/03/05	4.40	ND(0.028)	ND(0.011)	ND(0.0085)	ND(0.0068)	ND(0.0058)	ND(0.018)	ND(0.013)	ND(0.013)
VW128	5	04/09/05	2.33	ND(0.014)	ND(0.006)	ND(0.0045)	0.26	ND(0.0031)	ND(0.0096)	ND(0.007)	ND(0.007)
	10	04/09/05	2.47	ND(0.015)	ND(0.0064)	ND(0.0048)	0.24	ND(0.0032)	ND(0.01)	ND(0.0074)	ND(0.0074)
	15	04/09/05	2.53	ND(0.016)	ND(0.0065)	ND(0.0049)	0.18	ND(0.0033)	ND(0.01)	ND(0.0076)	ND(0.0076)
	20	04/09/05	2.42	ND(0.015)	ND(0.0063)	ND(0.0047)	0.099	ND(0.0032)	ND(0.01)	ND(0.0073)	ND(0.0073)
	30	04/09/05	2.42	ND(0.015)	ND(0.0063)	ND(0.0047)	0.015	ND(0.0032)	ND(0.01)	ND(0.0073)	ND(0.0073)
	40	04/09/05	2.20	ND(0.014)	ND(0.0057)	ND(0.0043)	0.016	ND(0.0029)	ND(0.0091)	ND(0.0066)	ND(0.0066)
	50	04/09/05	2.64	ND(0.016)	ND(0.0068)	ND(0.0051)	0.012	ND(0.0035)	ND(0.011)	ND(0.0079)	ND(0.0079)
VW128 Dup	50	04/09/05	2.42	ND(0.015)	ND(0.0063)	ND(0.0047)	ND(0.0038)	ND(0.0032)	ND(0.01)	ND(0.0073)	ND(0.0073)
VW129	5	04/07/05	2.53	ND(0.016)	ND(0.0065)	ND(0.0049)	0.023	ND(0.0033)	ND(0.01)	ND(0.0076)	ND(0.0076)
	10	04/07/05	2.42	ND(0.015)	ND(0.0063)	ND(0.0047)	0.022	ND(0.0032)	ND(0.01)	ND(0.0073)	ND(0.0073)
	15	04/07/05	2.82	ND(0.018)	ND(0.0073)	ND(0.0055)	0.0064	ND(0.0037)	ND(0.012)	ND(0.0085)	ND(0.0085)
	20	04/07/05	2.33	ND(0.014)	ND(0.006)	ND(0.0045)	0.014	ND(0.0031)	ND(0.0096)	ND(0.007)	ND(0.007)
	30	04/07/05	2.16	ND(0.014)	ND(0.0056)	ND(0.0042)	0.027	ND(0.0028)	ND(0.0089)	ND(0.0065)	ND(0.0065)
	40	04/07/05	2.38	ND(0.015)	ND(0.0062)	ND(0.0046)	0.013	ND(0.0031)	ND(0.0098)	ND(0.0072)	ND(0.0072)
	50	04/07/05	2.89	ND(0.018)	ND(0.0075)	ND(0.0056)	0.078	ND(0.0038)	ND(0.012)	ND(0.0087)	ND(0.0087)
VW129 Dup	50	04/07/05	2.53	ND(0.016)	ND(0.0065)	ND(0.0049)	0.028	ND(0.0033)	ND(0.01)	ND(0.0076)	ND(0.0076)
VW130	5	04/05/05	2.76	ND(0.017)	ND(0.0071)	ND(0.0054)	0.032	ND(0.0036)	ND(0.011)	ND(0.0083)	ND(0.0083)
	10	04/05/05	2.42	ND(0.015)	ND(0.0063)	ND(0.0047)	0.11	ND(0.0032)	ND(0.01)	ND(0.0073)	ND(0.0073)
	15	04/05/05	2.42	ND(0.015)	ND(0.0063)	ND(0.0047)	0.042	ND(0.0032)	ND(0.01)	ND(0.0073)	ND(0.0073)
	20	04/05/05	2.58	ND(0.016)R	ND(0.0067)R	ND(0.005)R	0.0046 R	ND(0.0034)R	ND(0.011)R	ND(0.0078)R	ND(0.0078)R
	20	05/02/05	2.20	ND(0.014)	ND(0.0057)	ND(0.0043)	0.0078	ND(0.0029)	ND(0.0091)	ND(0.0066)	ND(0.0066)
	30	04/05/05	2.53	ND(0.016)	ND(0.0065)	ND(0.0049)	0.067	ND(0.0033)	ND(0.01)	ND(0.0076)	ND(0.0076)
VW130 Dup	30	04/05/05	2.58	ND(0.016)	ND(0.0067)	ND(0.005)	0.067	ND(0.0034)	ND(0.011)	ND(0.0078)	ND(0.0078)
VW130	40	04/04/05	2.76	ND(0.017)	ND(0.0071)	ND(0.0054)	0.0053	ND(0.0036)	ND(0.011)	ND(0.0083)	ND(0.0083)
	40	05/02/05	2.58	ND(0.016)	ND(0.0067)	ND(0.005)	0.035	ND(0.0034)	ND(0.011)	ND(0.0078)	ND(0.0078)
	50	04/04/05	2.53	ND(0.016)	ND(0.0065)	ND(0.0049)	0.021	ND(0.0033)	ND(0.01)	ND(0.0076)	ND(0.0076)

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Table 6c. Soil-Gas Analytical Results for Deep Nested Vapor Well Samples Summary Table, Water Treatment and Other Chemicals, Chevron Cincinnati Facility, Hooven, Ohio.

Nested Sample ID	Depth	Date	TO-15 Dilution Factor	1,4-Dichlorobenzene (mg/m³)	Dichlorodifluoromethane (mg/m³)	1,2-Dichloropropane (mg/m³)	cis-1,3-Dichloropropene (mg/m³)	trans-1,3-Dichloropropene (mg/m³)	1,2-Dichloro-1,1,2,2-tetrafluoroethane (mg/m³)	Ethanol (mg/m³)
VW93	10	03/31/05	2.96	ND(0.0089)	ND(0.0073)	ND(0.0068)	ND(0.0067)	ND(0.0067)	ND(0.01)	ND(0.011)
	15	03/31/05	2.76	ND(0.0083)	ND(0.0068)	ND(0.0064)	ND(0.0063)	ND(0.0063)	ND(0.0096)	ND(0.01)
	20	03/31/05	2.33	ND(0.007)	ND(0.0058)	ND(0.0054)	ND(0.0053)	ND(0.0053)	ND(0.0081)	ND(0.0088)
VW93 Dup	20	03/31/05	2.42	ND(0.0073)	ND(0.006)	ND(0.0056)	ND(0.0055)	ND(0.0055)	ND(0.0084)	ND(0.0091)
VW93	25	03/31/05	2.69	ND(0.0081)	ND(0.0066)	ND(0.0062)	ND(0.0061)	ND(0.0061)	ND(0.0094)	ND(0.01)
	30	03/31/05	2.53	ND(0.0076)	ND(0.0062)	ND(0.0058)	ND(0.0057)	ND(0.0057)	ND(0.0088)	ND(0.0095)
	35	03/31/05	2.29	ND(0.0069)	ND(0.0057)	ND(0.0053)	ND(0.0052)	ND(0.0052)	ND(0.008)	ND(0.0086)
	40	03/31/05	2.24	ND(0.0067)	ND(0.0055)	ND(0.0052)	ND(0.0051)	ND(0.0051)	ND(0.0078)	ND(0.0084)
	45	03/31/05	2.42	ND(0.0073)	ND(0.006)	ND(0.0056)	ND(0.0055)	ND(0.0055)	ND(0.0084)	ND(0.0091)
	50	03/31/05	2.64	ND(0.0079)	ND(0.0065)	ND(0.0061)	ND(0.006)	ND(0.006)	ND(0.0092)	ND(0.0099)
	55	03/31/05	2.58	ND(0.0078)	ND(0.0064)	ND(0.006)	ND(0.0058)	ND(0.0058)	ND(0.009)	0.067
	60	03/31/05	440	ND(1.3)	ND(1.1)	ND(1)	ND(1)	ND(1)	ND(1.5)	ND(1.6)
VW93A	5	03/31/05	2.33	ND(0.007)	ND(0.0058)	ND(0.0054)	ND(0.0053)	ND(0.0053)	ND(0.0081)	ND(0.0088)
VW96	5	03/22/05	2.05	ND(0.0062)	ND(0.0051)	ND(0.0047)	ND(0.0046)	ND(0.0046)	ND(0.0072)	0.35
	10	03/22/05	2.13	ND(0.0064)	ND(0.0053)	ND(0.0049)	ND(0.0048)	ND(0.0048)	ND(0.0074)	ND(0.008)
	15	03/22/05	2.16	ND(0.0065)	ND(0.0053)	ND(0.005)	ND(0.0049)	ND(0.0049)	ND(0.0076)	ND(0.0081)
	20	03/22/05	2.38	ND(0.0072)	ND(0.0059)	ND(0.0055)	ND(0.0054)	ND(0.0054)	ND(0.0083)	ND(0.009)
	25	03/22/05	2.13	ND(0.0064)	ND(0.0053)	ND(0.0049)	ND(0.0048)	ND(0.0048)	ND(0.0074)	ND(0.008)
	30	03/24/05	1.75	ND(0.0053)	ND(0.0043)	ND(0.004)	ND(0.004)	ND(0.004)	ND(0.0061)	ND(0.0066)J
	30	05/02/05	2.20	ND(0.0066)	ND(0.0054)	ND(0.0051)	ND(0.005)	ND(0.005)	ND(0.0077)	ND(0.0083)
	35	03/24/05	1.79	ND(0.0054)R	0.0051 R	ND(0.0041)R	ND(0.0041)R	ND(0.0041)R	ND(0.0062)R	0.013 R
	35	05/02/05	2.20	ND(0.0066)	ND(0.0054)	ND(0.0051)	ND(0.005)	ND(0.005)	ND(0.0077)	0.23 DX
VW96 Dup	35	05/02/05	22.9	ND(0.069)	ND(0.057)	ND(0.053)	ND(0.052)	ND(0.052)	ND(0.08)	ND(0.086)
VW96	40	03/24/05	1.58	ND(0.0048)	ND(0.0039)	ND(0.0036)	ND(0.0036)	ND(0.0036)	ND(0.0055)	ND(0.006)J
	45	03/24/05	1.55	ND(0.0046)	ND(0.0038)	ND(0.0036)	ND(0.0035)	ND(0.0035)	ND(0.0054)	ND(0.0058)J
	50	03/24/05	336	ND(1)	ND(0.83)	ND(0.78)	ND(0.76)	ND(0.76)	ND(1.2)	ND(1.3)J
VW96 Dup	50	03/24/05	164	ND(0.49)	ND(0.4)	ND(0.38)	ND(0.37)	ND(0.37)	ND(0.57)	ND(0.62)J
VW96	55	03/24/05	328	ND(0.99)	ND(0.81)	ND(0.76)	ND(0.74)	ND(0.74)	ND(1.1)	0.26 J
	55	05/02/05	44.8	ND(0.13)	ND(0.11)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.16)	ND(0.17)
VW99	10	03/29/05	1.55	ND(0.0046)	ND(0.0038)	ND(0.0036)	ND(0.0035)	ND(0.0035)	ND(0.0054)	ND(0.0058)
	15	03/29/05	1.46	ND(0.0044)	ND(0.0036)	ND(0.0034)	ND(0.0033)	ND(0.0033)	ND(0.0051)	ND(0.0055)
	20	03/29/05	1.55	ND(0.0046)	ND(0.0038)	ND(0.0036)	ND(0.0035)	ND(0.0035)	ND(0.0054)	ND(0.0058)
	25	03/29/05	1.52	ND(0.0046)	0.004	ND(0.0035)	ND(0.0034)	ND(0.0034)	ND(0.0053)	ND(0.0057)
	30	03/29/05	1.55	ND(0.0046)	0.007	ND(0.0036)	ND(0.0035)	ND(0.0035)	ND(0.0054)	ND(0.0058)
	35	03/29/05	1.61	ND(0.0048)	0.0068	ND(0.0037)	ND(0.0036)	ND(0.0036)	ND(0.0056)	ND(0.0061)
	40	03/30/05	52.8	ND(0.16)	ND(0.13)	ND(0.12)	ND(0.12)	ND(0.12)	ND(0.18)	ND(0.2)
	45	03/30/05	242	ND(0.73)	ND(0.6)	ND(0.56)	ND(0.55)	ND(0.55)	ND(0.84)	ND(0.91)
VW99 Dup	45	03/30/05	229	ND(0.69)	ND(0.57)	ND(0.53)	ND(0.52)	ND(0.52)	ND(0.8)	ND(0.86)
VW99	50	03/30/05	1010	ND(3)	ND(2.5)	ND(2.3)	ND(2.3)	ND(2.3)	ND(3.5)	ND(3.8)
	55	03/30/05	1550	ND(4.7)	ND(3.8)	ND(3.6)	ND(3.5)	ND(3.5)	ND(5.4)	ND(5.8)
VW99A	5	03/30/05	2.20	ND(0.0066)	ND(0.0054)	ND(0.0051)	ND(0.005)	ND(0.005)	ND(0.0077)	ND(0.0083)
	10	03/30/05	2.29	ND(0.0069)	ND(0.0057)	ND(0.0053)	ND(0.0052)	ND(0.0052)	ND(0.008)	ND(0.0086)

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Table 6c. Soil-Gas Analytical Results for Deep Nested Vapor Well Samples Summary Table, Water Treatment and Other Chemicals, Chevron Cincinnati Facility, Hooven, Ohio.

Nested Sample ID	Depth	Date	TO-15 Dilution Factor	1,4-Dichlorobenzene (mg/m³)	Dichlorodifluoromethane (mg/m³)	1,2-Dichloropropane (mg/m³)	cis-1,3-Dichloropropene (mg/m³)	trans-1,3-Dichloropropene (mg/m³)	1,2-Dichloro-1,1,2,2-tetrafluoroethane (mg/m³)	Ethanol (mg/m³)
VW127	5	05/04/05	2.09	ND(0.0063)	0.0056	ND(0.0048)	ND(0.0047)	ND(0.0047)	ND(0.0073)	0.047
	10	05/04/05	2.33	ND(0.007)	ND(0.0058)	ND(0.0054)	ND(0.0053)	ND(0.0053)	ND(0.0081)	0.036
	15	05/03/05	2.24	ND(0.0067)	ND(0.0055)	ND(0.0052)	ND(0.0051)	ND(0.0051)	ND(0.0078)	ND(0.0084)
	20	05/03/05	2.16	ND(0.0065)	0.0054	ND(0.005)	ND(0.0049)	ND(0.0049)	ND(0.0076)	ND(0.0081)
	30	05/03/05	4.60	ND(0.014)	ND(0.011)	ND(0.011)	ND(0.01)	ND(0.01)	ND(0.016)	ND(0.017)
	40	05/03/05	2.16	ND(0.0065)	ND(0.0053)	ND(0.005)	ND(0.0049)	ND(0.0049)	ND(0.0076)	ND(0.0081)
	50	05/03/05	4.40	ND(0.013)	ND(0.011)	ND(0.01)	ND(0.01)	ND(0.01)	ND(0.015)	ND(0.016)
VW128	5	04/09/05	2.33	ND(0.007)	ND(0.0058)	ND(0.0054)	ND(0.0053)	ND(0.0053)	ND(0.0081)	ND(0.0088)
	10	04/09/05	2.47	ND(0.0074)	ND(0.0061)	ND(0.0057)	ND(0.0056)	ND(0.0056)	ND(0.0086)	ND(0.0093)
	15	04/09/05	2.53	ND(0.0076)	ND(0.0062)	ND(0.0058)	ND(0.0057)	ND(0.0057)	ND(0.0088)	ND(0.0095)
	20	04/09/05	2.42	ND(0.0073)	ND(0.006)	ND(0.0056)	ND(0.0055)	ND(0.0055)	ND(0.0084)	ND(0.0091)
	30	04/09/05	2.42	ND(0.0073)	ND(0.006)	ND(0.0056)	ND(0.0055)	ND(0.0055)	ND(0.0084)	ND(0.0091)
	40	04/09/05	2.20	ND(0.0066)	ND(0.0054)	ND(0.0051)	ND(0.005)	ND(0.005)	ND(0.0077)	ND(0.0083)
	50	04/09/05	2.64	ND(0.0079)	ND(0.0065)	ND(0.0061)	ND(0.006)	ND(0.006)	ND(0.0092)	ND(0.0099)
VW128 Dup	50	04/09/05	2.42	ND(0.0073)	ND(0.006)	ND(0.0056)	ND(0.0055)	ND(0.0055)	ND(0.0084)	ND(0.0091)
VW129	5	04/07/05	2.53	ND(0.0076)	0.01	ND(0.0058)	ND(0.0057)	ND(0.0057)	ND(0.0088)	ND(0.0095)
	10	04/07/05	2.42	ND(0.0073)	0.011	ND(0.0056)	ND(0.0055)	ND(0.0055)	ND(0.0084)	ND(0.0091)
	15	04/07/05	2.82	ND(0.0085)	0.014	ND(0.0065)	ND(0.0064)	ND(0.0064)	ND(0.0098)	ND(0.011)
	20	04/07/05	2.33	ND(0.007)	0.012	ND(0.0054)	ND(0.0053)	ND(0.0053)	ND(0.0081)	ND(0.0088)
	30	04/07/05	2.16	ND(0.0065)	0.012	ND(0.005)	ND(0.0049)	ND(0.0049)	ND(0.0076)	ND(0.0081)
	40	04/07/05	2.38	ND(0.0072)	0.014	ND(0.0055)	ND(0.0054)	ND(0.0054)	ND(0.0083)	ND(0.009)
	50	04/07/05	2.89	ND(0.0087)	0.012	ND(0.0067)	ND(0.0066)	ND(0.0066)	ND(0.01)	ND(0.011)
VW129 Dup	50	04/07/05	2.53	ND(0.0076)	0.014	ND(0.0058)	ND(0.0057)	ND(0.0057)	ND(0.0088)	ND(0.0095)
VW130	5	04/05/05	2.76	ND(0.0083)	ND(0.0068)	ND(0.0064)	ND(0.0063)	ND(0.0063)	ND(0.0096)	ND(0.01)
	10	04/05/05	2.42	ND(0.0073)	ND(0.006)	ND(0.0056)	ND(0.0055)	ND(0.0055)	ND(0.0084)	ND(0.0091)
	15	04/05/05	2.42	ND(0.0073)	ND(0.006)	ND(0.0056)	ND(0.0055)	ND(0.0055)	ND(0.0084)	0.21
	20	04/05/05	2.58	ND(0.0078)R	ND(0.0064)R	ND(0.006)R	ND(0.0058)R	ND(0.0058)R	ND(0.009)R	0.011 R
	20	05/02/05	2.20	ND(0.0066)	ND(0.0054)	ND(0.0051)	ND(0.005)	ND(0.005)	ND(0.0077)	ND(0.0083)
	30	04/05/05	2.53	ND(0.0076)	0.012	ND(0.0058)	ND(0.0057)	ND(0.0057)	ND(0.0088)	0.037
VW130 Dup	30	04/05/05	2.58	ND(0.0078)	0.01 J	ND(0.006)	ND(0.0058)	ND(0.0058)	ND(0.009)	ND(0.0097)
VW130	40	04/04/05	2.76	ND(0.0083)	ND(0.0068)	ND(0.0064)	ND(0.0063)	ND(0.0063)	ND(0.0096)	0.011
	40	05/02/05	2.58	ND(0.0078)	0.011	ND(0.006)	ND(0.0058)	ND(0.0058)	ND(0.009)	ND(0.0097)
	50	04/04/05	2.53	ND(0.0076)	0.0084	ND(0.0058)	ND(0.0057)	ND(0.0057)	ND(0.0088)	0.0094 J

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Table 6c. Soil-Gas Analytical Results for Deep Nested Vapor Well Samples Summary Table, Water Treatment and Other Chemicals, Chevron Cincinnati Facility, Hooven, Ohio.

Nested Sample ID	Depth	Date	TO-15 Dilution Factor	1,2,4-Trichlorobenzene (mg/m³)	Trichlorofluoromethane (mg/m³)	1,1,2-Trichlorotrifluoroethane (mg/m³)	Bromodichloromethane (mg/m³)	Bromoform (mg/m³)	Chloroform (mg/m³)	Dibromochloromethane (mg/m³)
VW93	10	03/31/05	2.96	ND(0.044)	ND(0.0083)	ND(0.011)	ND(0.0099)	ND(0.015)	ND(0.0072)	ND(0.013)
	15	03/31/05	2.76	ND(0.041)	ND(0.0078)	ND(0.01)	ND(0.0092)	ND(0.014)	ND(0.0067)	ND(0.012)
	20	03/31/05	2.33	ND(0.034)	ND(0.0065)	ND(0.0089)	ND(0.0078)	ND(0.012)	ND(0.0057)	ND(0.0099)
VW93 Dup	20	03/31/05	2.42	ND(0.036)	ND(0.0068)	ND(0.0093)	ND(0.0081)	ND(0.012)	ND(0.0059)	ND(0.01)
VW93	25	03/31/05	2.69	ND(0.04)	ND(0.0076)	ND(0.01)	ND(0.009)	ND(0.014)	ND(0.0066)	ND(0.011)
	30	03/31/05	2.53	ND(0.038)	ND(0.0071)	ND(0.0097)	ND(0.0085)	ND(0.013)	ND(0.0062)	ND(0.011)
	35	03/31/05	2.29	ND(0.034)	ND(0.0064)	ND(0.0088)	ND(0.0077)	ND(0.012)	ND(0.0056)	ND(0.0098)
	40	03/31/05	2.24	ND(0.033)	ND(0.0063)	ND(0.0086)	ND(0.0075)	ND(0.012)	ND(0.0055)	ND(0.0095)
	45	03/31/05	2.42	ND(0.036)	ND(0.0068)	ND(0.0093)	ND(0.0081)	ND(0.012)	ND(0.0059)	ND(0.01)
	50	03/31/05	2.64	ND(0.039)	ND(0.0074)	ND(0.01)	ND(0.0088)	ND(0.014)	ND(0.0064)	ND(0.011)
	55	03/31/05	2.58	ND(0.038)	ND(0.0072)	ND(0.0099)	ND(0.0086)	ND(0.013)	ND(0.0063)	ND(0.011)
	60	03/31/05	440	ND(6.5)	ND(1.2)	ND(1.7)	ND(1.5)	ND(2.3)	ND(1.1)	ND(1.9)
VW93A	5	03/31/05	2.33	ND(0.034)	ND(0.0065)	ND(0.0089)	ND(0.0078)	ND(0.012)	ND(0.0057)	ND(0.0099)
VW96	5	03/22/05	2.05	ND(0.03)	ND(0.0058)	ND(0.0078)	ND(0.0069)	ND(0.01)	0.006	ND(0.0087)
	10	03/22/05	2.13	ND(0.032)	ND(0.006)	ND(0.0082)	ND(0.0071)	ND(0.011)	ND(0.0052)	ND(0.0091)
	15	03/22/05	2.16	ND(0.032)	ND(0.0061)	ND(0.0083)	ND(0.0072)	ND(0.011)	ND(0.0053)	ND(0.0092)
	20	03/22/05	2.38	ND(0.035)	ND(0.0067)	ND(0.0091)	ND(0.008)	ND(0.012)	ND(0.0058)	ND(0.01)
	25	03/22/05	2.13	ND(0.032)	ND(0.006)	ND(0.0082)	ND(0.0071)	ND(0.011)	ND(0.0052)	ND(0.0091)
	30	03/24/05	1.75	ND(0.026)	ND(0.0049)	ND(0.0067)	ND(0.0059)	ND(0.009)	ND(0.0043)	ND(0.0074)
	30	05/02/05	2.20	ND(0.033)	ND(0.0062)	ND(0.0084)	ND(0.0074)	ND(0.011)	ND(0.0054)	ND(0.0094)
	35	03/24/05	1.79	ND(0.026)R	ND(0.005)R	ND(0.0068)R	ND(0.006)R	ND(0.0092)R	ND(0.0044)R	ND(0.0076)R
	35	05/02/05	2.20	ND(0.033)	ND(0.0062)	ND(0.0084)	ND(0.0074)	ND(0.011)	ND(0.0054)	ND(0.0094)
VW96 Dup	35	05/02/05	22.9	ND(0.34)	ND(0.064)	ND(0.088)	ND(0.077)	ND(0.12)	ND(0.056)	ND(0.098)
VW96	40	03/24/05	1.58	ND(0.023)	ND(0.0044)	ND(0.006)	ND(0.0053)	ND(0.0082)	ND(0.0038)	ND(0.0067)
	45	03/24/05	1.55	ND(0.023)	ND(0.0044)	ND(0.0059)	ND(0.0052)	ND(0.008)	ND(0.0038)	ND(0.0066)
	50	03/24/05	336	ND(5)	ND(0.94)	ND(1.3)	ND(1.1)	ND(1.7)	ND(0.82)	ND(1.4)
VW96 Dup	50	03/24/05	164	ND(2.4)	ND(0.46)	ND(0.63)	ND(0.55)	ND(0.85)	ND(0.4)	ND(0.7)
VW96	55	03/24/05	328	ND(4.9)	ND(0.92)	ND(1.2)	ND(1.1)	ND(1.7)	ND(0.8)	ND(1.4)
	55	05/02/05	44.8	ND(0.66)	ND(0.12)	ND(0.17)	ND(0.15)	ND(0.23)	ND(0.11)	ND(0.19)
VW99	10	03/29/05	1.55	ND(0.023)	ND(0.0044)	ND(0.0059)	ND(0.0052)	ND(0.008)	ND(0.0038)	ND(0.0066)
	15	03/29/05	1.46	ND(0.022)	ND(0.0041)	ND(0.0056)	ND(0.0049)	ND(0.0075)	ND(0.0036)	ND(0.0062)
	20	03/29/05	1.55	ND(0.023)	ND(0.0044)	ND(0.0059)	ND(0.0052)	ND(0.008)	ND(0.0038)	ND(0.0066)
	25	03/29/05	1.52	ND(0.022)	ND(0.0043)	ND(0.0058)	ND(0.0051)	ND(0.0078)	ND(0.0037)	ND(0.0065)
	30	03/29/05	1.55	ND(0.023)	ND(0.0044)	ND(0.0059)	ND(0.0052)	ND(0.008)	ND(0.0038)	ND(0.0066)
	35	03/29/05	1.61	ND(0.024)	ND(0.0045)	ND(0.0062)	ND(0.0054)	ND(0.0083)	0.0092	ND(0.0068)
	40	03/30/05	52.8	ND(0.78)	ND(0.15)	ND(0.2)	ND(0.18)	ND(0.27)	ND(0.13)	ND(0.22)
	45	03/30/05	242	ND(3.6)	ND(0.68)	ND(0.93)	ND(0.81)	ND(1.2)	ND(0.59)	ND(1)
VW99 Dup	45	03/30/05	229	ND(3.4)	ND(0.64)	ND(0.88)	ND(0.77)	ND(1.2)	ND(0.56)	ND(0.98)
VW99	50	03/30/05	1010	ND(15)	ND(2.8)	ND(3.9)	ND(3.4)	ND(5.2)	ND(2.5)	ND(4.3)
	55	03/30/05	1550	ND(23)	ND(4.4)	ND(6)	ND(5.2)	ND(8)	ND(3.8)	ND(6.6)
VW99A	5	03/30/05	2.20	ND(0.033)	ND(0.0062)	ND(0.0084)	ND(0.0074)	ND(0.011)	ND(0.0054)	ND(0.0094)
	10	03/30/05	2.29	ND(0.034)	ND(0.0064)	ND(0.0088)	ND(0.0077)	ND(0.012)	ND(0.0056)	ND(0.0098)

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Table 6c. Soil-Gas Analytical Results for Deep Nested Vapor Well Samples Summary Table, Water Treatment and Other Chemicals, Chevron Cincinnati Facility, Hooven, Ohio.

Nested Sample ID	Depth	Date	TO-15 Dilution Factor	1,2,4-Trichlorobenzene (mg/m³)	Trichlorofluoromethane (mg/m³)	1,1,2-Trichlorotrifluoroethane (mg/m³)	Bromodichloromethane (mg/m³)	Bromoform (mg/m³)	Chloroform (mg/m³)	Dibromochloromethane (mg/m³)
VW127	5	05/04/05	2.09	ND(0.031)	ND(0.0059)	ND(0.008)	ND(0.007)	ND(0.011)	ND(0.0051)	ND(0.0089)
	10	05/04/05	2.33	ND(0.034)	ND(0.0065)	ND(0.0089)	ND(0.0078)	ND(0.012)	ND(0.0057)	ND(0.0099)
	15	05/03/05	2.24	ND(0.033)	ND(0.0063)	ND(0.0086)	ND(0.0075)	ND(0.012)	0.0057	ND(0.0095)
	20	05/03/05	2.16	ND(0.032)	ND(0.0061)	ND(0.0083)	ND(0.0072)	ND(0.011)	ND(0.0053)	ND(0.0092)
	30	05/03/05	4.60	ND(0.068)	ND(0.013)	ND(0.018)	ND(0.015)	ND(0.024)	ND(0.011)	ND(0.02)
	40	05/03/05	2.16	ND(0.032)	ND(0.0061)	ND(0.0083)	ND(0.0072)	ND(0.011)	ND(0.0053)	ND(0.0092)
	50	05/03/05	4.40	ND(0.065)	ND(0.012)	ND(0.017)	ND(0.015)	ND(0.023)	ND(0.011)	ND(0.019)
VW128	5	04/09/05	2.33	ND(0.034)J	ND(0.0065)	ND(0.0089)	ND(0.0078)	ND(0.012)	ND(0.0057)	ND(0.0099)
	10	04/09/05	2.47	ND(0.037)J	ND(0.0069)	ND(0.0095)	ND(0.0083)	ND(0.013)	ND(0.006)	ND(0.01)
	15	04/09/05	2.53	ND(0.038)J	ND(0.0071)	ND(0.0097)	ND(0.0085)	ND(0.013)	ND(0.0062)	ND(0.011)
	20	04/09/05	2.42	ND(0.036)J	ND(0.0068)	ND(0.0093)	ND(0.0081)	ND(0.012)	ND(0.0059)	ND(0.01)
	30	04/09/05	2.42	ND(0.036)J	ND(0.0068)	ND(0.0093)	ND(0.0081)	ND(0.012)	ND(0.0059)	ND(0.01)
	40	04/09/05	2.20	ND(0.033)J	ND(0.0062)	ND(0.0084)	ND(0.0074)	ND(0.011)	ND(0.0054)	ND(0.0094)
	50	04/09/05	2.64	ND(0.039)J	ND(0.0074)	ND(0.01)	ND(0.0088)	ND(0.014)	0.028	ND(0.011)
VW128 Dup	50	04/09/05	2.42	ND(0.036)J	ND(0.0068)	ND(0.0093)	ND(0.0081)	ND(0.012)	ND(0.0059)	ND(0.01)
VW129	5	04/07/05	2.53	ND(0.038)	0.013	ND(0.0097)	ND(0.0085)	ND(0.013)	ND(0.0062)	ND(0.011)
	10	04/07/05	2.42	ND(0.036)	0.013	ND(0.0093)	ND(0.0081)	ND(0.012)	ND(0.0059)	ND(0.01)
	15	04/07/05	2.82	ND(0.042)	0.02	ND(0.011)	ND(0.0094)	ND(0.014)	0.0091	ND(0.012)
	20	04/07/05	2.33	ND(0.034)	0.014	ND(0.0089)	ND(0.0078)	ND(0.012)	ND(0.0057)	ND(0.0099)
	30	04/07/05	2.16	ND(0.032)	0.015	ND(0.0083)	ND(0.0072)	ND(0.011)	0.0056	ND(0.0092)
	40	04/07/05	2.38	ND(0.035)	0.018	ND(0.0091)	ND(0.008)	ND(0.012)	ND(0.0058)	ND(0.01)
	50	04/07/05	2.89	ND(0.043)	0.013	ND(0.011)	ND(0.0097)	ND(0.015)	ND(0.007)	ND(0.012)
VW129 Dup	50	04/07/05	2.53	ND(0.038)	0.019	ND(0.0097)	ND(0.0085)	ND(0.013)	0.0095	ND(0.011)
VW130	5	04/05/05	2.76	ND(0.041)	ND(0.0078)	ND(0.01)	ND(0.0092)	ND(0.014)	ND(0.0067)	ND(0.012)
	10	04/05/05	2.42	ND(0.036)	ND(0.0068)	ND(0.0093)	ND(0.0081)	ND(0.012)	ND(0.0059)	ND(0.01)
	15	04/05/05	2.42	ND(0.036)	ND(0.0068)	ND(0.0093)	ND(0.0081)	ND(0.012)	0.042	ND(0.01)
	20	04/05/05	2.58	ND(0.038)R	ND(0.0072)R	ND(0.0099)R	ND(0.0086)R	ND(0.013)R	ND(0.0063)R	ND(0.011)R
	20	05/02/05	2.20	ND(0.033)	ND(0.0062)	ND(0.0084)	ND(0.0074)	ND(0.011)	ND(0.0054)	ND(0.0094)
	30	04/05/05	2.53	ND(0.038)	ND(0.0071)	ND(0.0097)	ND(0.0085)	ND(0.013)	ND(0.0062)	ND(0.011)
VW130 Dup	30	04/05/05	2.58	ND(0.038)	ND(0.0072)	ND(0.0099)	ND(0.0086)	ND(0.013)	0.0072 J	ND(0.011)
VW130	40	04/04/05	2.76	ND(0.041)	ND(0.0078)	ND(0.01)	ND(0.0092)	ND(0.014)	ND(0.0067)	ND(0.012)
	40	05/02/05	2.58	ND(0.038)	ND(0.0072)	ND(0.0099)	ND(0.0086)	ND(0.013)	ND(0.0063)	ND(0.011)
	50	04/04/05	2.53	ND(0.038)	ND(0.0071)	ND(0.0097)	ND(0.0085)	ND(0.013)	0.046	ND(0.011)

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Table 6d. Soil-Gas Analytical Results for Deep Nested Vapor Well Samples Summary Table, ASTM-D-1945 Analytes, Chevron Cincinnati Facility, Hooven, Ohio.

Nested Sample ID	Depth	Date	ASTM Dilution Factor	Oxygen (%)	Carbon Dioxide (%)	Methane (%)	Acetylene (%)	Butane (%)	C6 Plus (%)	Carbon Monoxide (%)	2,2-dimethyl-Propane (%)
VW93	10	03/31/05	2.96	17	1.4	ND(0.0003)	ND(0.003)	ND(0.003)	ND(0.03)	ND(0.03)	ND(0.003)
	15	03/31/05	2.76	16	3.0	ND(0.00028)	ND(0.0028)	ND(0.0028)	ND(0.028)	ND(0.028)	ND(0.0028)
	20	03/31/05	2.33	15	3.8	ND(0.00023)	ND(0.0023)	ND(0.0023)	ND(0.023)	ND(0.023)	ND(0.0023)
VW93 Dup	20	03/31/05	2.42	15	3.8	ND(0.00024)	ND(0.0024)	ND(0.0024)	ND(0.024)	ND(0.024)	ND(0.0024)
VW93	25	03/31/05	2.69	15	3.9	ND(0.00027)	ND(0.0027)	ND(0.0027)	ND(0.027)	ND(0.027)	ND(0.0027)
	30	03/31/05	2.53	14	4.9	ND(0.00025)	ND(0.0025)	ND(0.0025)	ND(0.025)	ND(0.025)	ND(0.0025)
	35	03/31/05	2.29	11	6.6	ND(0.00023)	ND(0.0023)	ND(0.0023)	ND(0.023)	ND(0.023)	ND(0.0023)
	40	03/31/05	2.24	9.2	7.3	ND(0.00022)	ND(0.0022)	ND(0.0022)	ND(0.022)	ND(0.022)	ND(0.0022)
	45	03/31/05	2.42	3.2	8.7	ND(0.00024)	ND(0.0024)	ND(0.0024)	ND(0.024)	ND(0.024)	ND(0.0024)
	50	03/31/05	2.64	2.7	9.0	0.00079	ND(0.0026)	ND(0.0026)	ND(0.026)	ND(0.026)	ND(0.0026)
	55	03/31/05	2.58	2.2	9.1	0.0016	ND(0.0026)	ND(0.0026)	ND(0.026)	ND(0.026)	ND(0.0026)
	60	03/31/05	2.20	1.4	9.8	0.66	ND(0.0022)	ND(0.0022)	ND(0.022)	ND(0.022)	ND(0.0022)
VW93A	5	03/31/05	2.33	19	0.76	ND(0.00023)	ND(0.0023)	ND(0.0023)	ND(0.023)	ND(0.023)	ND(0.0023)
VW96	5	03/22/05	2.05	19	0.34	ND(0.0002)	ND(0.002)	ND(0.002)	ND(0.02)	ND(0.02)	ND(0.002)
	10	03/22/05	2.13	17	0.37	ND(0.00021)	ND(0.0021)	ND(0.0021)	ND(0.021)	ND(0.021)	ND(0.0021)
	15	03/22/05	2.16	20	0.13	ND(0.00022)	ND(0.0022)	ND(0.0022)	ND(0.022)	ND(0.022)	ND(0.0022)
	20	03/22/05	2.38	9.4	0.6	ND(0.00024)	ND(0.0024)	ND(0.0024)	ND(0.024)	ND(0.024)	ND(0.0024)
	25	03/22/05	2.13	6.6	0.6	ND(0.00021)	ND(0.0021)	ND(0.0021)	ND(0.021)	ND(0.021)	ND(0.0021)
	30	03/24/05	1.75	6.7	0.96	ND(0.00018)	ND(0.0018)	ND(0.0018)	ND(0.018)	ND(0.018)	ND(0.0018)
	30	05/02/05	2.20	1.5	3.4	2.5	ND(0.0022)	ND(0.0022)	ND(0.022)	ND(0.022)	ND(0.0022)
	35	03/24/05	1.79	10 R	1.4 R	ND(0.00018)R	ND(0.0018)R	ND(0.0018)R	ND(0.018)R	ND(0.018)R	ND(0.0018)R
	35	05/02/05	2.20	1.6	4.1	2.7	ND(0.0022)	ND(0.0022)	ND(0.022)	ND(0.022)	ND(0.0022)
VW96 Dup	35	05/02/05	2.29	1.6	4.1	2.7	ND(0.0023)	ND(0.0023)	ND(0.023)	ND(0.023)	ND(0.0023)
VW96	40	03/24/05	1.55	3.6	3.2	ND(0.00016)	ND(0.0016)	ND(0.0016)	ND(0.016)	ND(0.016)	ND(0.0016)
	45	03/24/05	1.55	3.7	3.8	0.00017	ND(0.0016)	ND(0.0016)	ND(0.016)	ND(0.016)	ND(0.0016)
	50	03/24/05	1.68	1.4	7.6	2.9	ND(0.0017)	ND(0.0017)	ND(0.017)	ND(0.017)	ND(0.0017)
VW96 Dup	50	03/24/05	1.64	7.5	5.8	2.2	ND(0.0016)	ND(0.0016)	ND(0.016)	ND(0.016)	ND(0.0016)
VW96	55	03/24/05	1.64	4.6	8.6	5.0	ND(0.0016)	ND(0.0016)	0.081	ND(0.016)	ND(0.0016)
	55	05/02/05	2.24	2.2	8.9	7.4	ND(0.0022)	ND(0.0022)	0.15	ND(0.022)	ND(0.0022)
VW99	10	03/29/05	1.55	16	0.14	ND(0.00016)	ND(0.0016)	ND(0.0016)	ND(0.016)	ND(0.016)	ND(0.0016)
	15	03/29/05	1.46	12	1.3	ND(0.00015)	ND(0.0015)	ND(0.0015)	ND(0.015)	ND(0.015)	ND(0.0015)
	20	03/29/05	1.55	10	2.2	ND(0.00016)	ND(0.0016)	ND(0.0016)	ND(0.016)	ND(0.016)	ND(0.0016)
	25	03/29/05	2.04	9.7	2.1	ND(0.0002)	ND(0.002)	ND(0.002)	ND(0.02)	ND(0.02)	ND(0.002)
	30	03/29/05	1.55	2.7	1.8	0.00019	ND(0.0016)	ND(0.0016)	ND(0.016)	ND(0.016)	ND(0.0016)
	35	03/29/05	1.61	1.4	4.8	0.082	ND(0.0016)	ND(0.0016)	ND(0.016)	ND(0.016)	ND(0.0016)
	40	03/30/05	2.64	1.7	6.2	0.98	ND(0.0026)	ND(0.0026)	ND(0.026)	ND(0.026)	ND(0.0026)
	45	03/30/05	2.42	1.6	7.5	2.3	ND(0.0024)	ND(0.0024)	ND(0.024)	ND(0.024)	ND(0.0024)
VW99 Dup	45	03/30/05	2.29	1.5	7.5	2.3	ND(0.0023)	ND(0.0023)	ND(0.023)	ND(0.023)	ND(0.0023)
VW99	50	03/30/05	2.53	1.6	8.4	3.9	ND(0.0025)	ND(0.0025)	0.026	ND(0.025)	ND(0.0025)
	55	03/30/05	2.33	1.5	9.4	5.5	ND(0.0023)	ND(0.0023)	0.15	ND(0.023)	ND(0.0023)
VW99A	5	03/30/05	4.38	18	0.46	ND(0.00044)	ND(0.0044)	ND(0.0044)	ND(0.044)	ND(0.044)	ND(0.0044)
	10	03/30/05	2.29	18	0.17	ND(0.00023)	ND(0.0023)	ND(0.0023)	ND(0.023)	ND(0.023)	ND(0.0023)
VW127	5	05/04/05	2.09	15	1.4	0.00028	ND(0.0021)	ND(0.0021)	ND(0.021)	ND(0.021)	ND(0.0021)

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Table 6d. Soil-Gas Analytical Results for Deep Nested Vapor Well Samples Summary Table, ASTM-D-1945 Analytes, Chevron Cincinnati Facility, Hooven, Ohio.

Nested Sample ID	Depth	Date	ASTM Dilution Factor	Oxygen (%)	Carbon Dioxide (%)	Methane (%)	Acetylene (%)	Butane (%)	C6 Plus (%)	Carbon Monoxide (%)	2,2-dimethyl-Propane (%)
VW127	10	05/04/05	2.33	15	0.6	ND(0.00023)	ND(0.0023)	ND(0.0023)	ND(0.023)	ND(0.023)	ND(0.0023)
	15	05/03/05	2.24	13	0.52	0.00042	ND(0.0022)	ND(0.0022)	ND(0.022)	ND(0.022)	ND(0.0022)
	20	05/03/05	2.16	9.7	1.4	0.00035	ND(0.0022)	ND(0.0022)	ND(0.022)	ND(0.022)	ND(0.0022)
	30	05/03/05	2.13	6.6	0.027	0.00036	ND(0.0021)	ND(0.0021)	ND(0.021)	ND(0.021)	ND(0.0021)
	40	05/03/05	2.16	4.4	5.3	ND(0.00022)	ND(0.0022)	ND(0.0022)	ND(0.022)	ND(0.022)	ND(0.0022)
	50	05/03/05	2.29	3.5	9.3	ND(0.00023)	ND(0.0023)	ND(0.0023)	ND(0.023)	ND(0.023)	ND(0.0023)
VW128	5	04/09/05	2.33	18	0.033	0.00077	ND(0.0023)	ND(0.0023)	ND(0.023)	ND(0.023)	ND(0.0023)
	10	04/09/05	2.47	19	0.032	0.00031	ND(0.0025)	ND(0.0025)	ND(0.025)	ND(0.025)	ND(0.0025)
	15	04/09/05	2.53	18	0.047	ND(0.00025)	ND(0.0025)	ND(0.0025)	ND(0.025)	ND(0.025)	ND(0.0025)
	20	04/09/05	2.42	12	0.32	ND(0.00024)	ND(0.0024)	ND(0.0024)	ND(0.024)	ND(0.024)	ND(0.0024)
	30	04/09/05	2.42	10	3.2	ND(0.00024)	ND(0.0024)	ND(0.0024)	ND(0.024)	ND(0.024)	ND(0.0024)
	40	04/09/05	2.20	7.6	5.1	ND(0.00022)	ND(0.0022)	ND(0.0022)	ND(0.022)	ND(0.022)	ND(0.0022)
	50	04/09/05	2.64	5.8	7.5	ND(0.00026)	ND(0.0026)	ND(0.0026)	ND(0.026)	ND(0.026)	ND(0.0026)
VW128 Dup	50	04/09/05	2.42	5.8	7.5	ND(0.00024)	ND(0.0024)	ND(0.0024)	ND(0.024)	ND(0.024)	ND(0.0024)
VW129	5	04/07/05	2.53	15	2.2	ND(0.00025)	ND(0.0025)	ND(0.0025)	ND(0.025)	ND(0.025)	ND(0.0025)
	10	04/07/05	2.42	16	1.7	ND(0.00024)	ND(0.0024)	ND(0.0024)	ND(0.024)	ND(0.024)	ND(0.0024)
	15	04/07/05	2.82	14	3.2	ND(0.00028)	ND(0.0028)	ND(0.0028)	ND(0.028)	ND(0.028)	ND(0.0028)
	20	04/07/05	2.33	15	2.6	ND(0.00023)	ND(0.0023)	ND(0.0023)	ND(0.023)	ND(0.023)	ND(0.0023)
	30	04/07/05	2.16	15	3.2	ND(0.00022)	ND(0.0022)	ND(0.0022)	ND(0.022)	ND(0.022)	ND(0.0022)
	40	04/07/05	2.38	15	3.1	ND(0.00024)	ND(0.0024)	ND(0.0024)	ND(0.024)	ND(0.024)	ND(0.0024)
	50	04/07/05	2.47	16	0.18	ND(0.00025)	ND(0.0025)	ND(0.0025)	ND(0.025)	ND(0.025)	ND(0.0025)
VW129 Dup	50	04/07/05	2.53	15	3.3	ND(0.00025)	ND(0.0025)	ND(0.0025)	ND(0.025)	ND(0.025)	ND(0.0025)
VW130	5	04/05/05	2.76	18	0.42	ND(0.00028)	ND(0.0028)	ND(0.0028)	ND(0.028)	ND(0.028)	ND(0.0028)
	10	04/05/05	2.42	18	0.26	ND(0.00024)	ND(0.0024)	ND(0.0024)	ND(0.024)	ND(0.024)	ND(0.0024)
	15	04/05/05	2.42	18	0.9	ND(0.00024)	ND(0.0024)	ND(0.0024)	ND(0.024)	ND(0.024)	ND(0.0024)
	20	04/05/05	2.58	24 R	0.85 R	ND(0.00026)R	ND(0.0026)R	ND(0.0026)R	ND(0.026)R	ND(0.026)R	ND(0.0026)R
	20	05/02/05	2.20	19	1.4	ND(0.00022)	ND(0.0022)	ND(0.0022)	ND(0.022)	ND(0.022)	ND(0.0022)
	30	04/05/05	2.53	15	1.6	ND(0.00025)	ND(0.0025)	ND(0.0025)	ND(0.025)	ND(0.025)	ND(0.0025)
VW130 Dup	30	04/05/05	2.58	15	1.6	ND(0.00026)	ND(0.0026)	ND(0.0026)	ND(0.026)	ND(0.026)	ND(0.0026)
VW130	40	04/04/05	2.76	21	1.9	ND(0.00028)	ND(0.0028)	ND(0.0028)	ND(0.028)	ND(0.028)	ND(0.0028)
	40	05/02/05	2.58	14	3.5	ND(0.00026)	ND(0.0026)	ND(0.0026)	ND(0.026)	ND(0.026)	ND(0.0026)
	50	04/04/05	2.53	14	3.7	ND(0.00025)	ND(0.0025)	ND(0.0025)	ND(0.025)	ND(0.025)	ND(0.0025)

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Table 6d. Soil-Gas Analytical Results for Deep Nested Vapor Well Samples Summary Table, ASTM-D-1945 Analytes, Chevron Cincinnati Facility, Hooven, Ohio.

Nested Sample ID	Depth	Date	ASTM Dilution Factor	Ethane (%)	Ethylene (%)	Hydrogen ((%)	Isobutane (%)	Isopentane (%)	Pentane (%)	Propane (%)	Nitrogen (%)
VW93	10	03/31/05	2.96	ND(0.003)	ND(0.003)	ND(0.03)	ND(0.003)	ND(0.003)	ND(0.003)	ND(0.003)	81
	15	03/31/05	2.76	ND(0.0028)	ND(0.0028)	ND(0.028)	ND(0.0028)	ND(0.0028)	ND(0.0028)	ND(0.0028)	82
	20	03/31/05	2.33	ND(0.0023)	ND(0.0023)	ND(0.023)	ND(0.0023)	ND(0.0023)	ND(0.0023)	ND(0.0023)	81
VW93 Dup	20	03/31/05	2.42	ND(0.0024)	ND(0.0024)	ND(0.024)	ND(0.0024)	ND(0.0024)	ND(0.0024)	ND(0.0024)	81
VW93	25	03/31/05	2.69	ND(0.0027)	ND(0.0027)	ND(0.027)	ND(0.0027)	ND(0.0027)	ND(0.0027)	ND(0.0027)	81
	30	03/31/05	2.53	ND(0.0025)	ND(0.0025)	ND(0.025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	82
	35	03/31/05	2.29	ND(0.0023)	ND(0.0023)	ND(0.023)	ND(0.0023)	ND(0.0023)	ND(0.0023)	ND(0.0023)	82
	40	03/31/05	2.24	ND(0.0022)	ND(0.0022)	ND(0.022)	ND(0.0022)	ND(0.0022)	ND(0.0022)	ND(0.0022)	84
	45	03/31/05	2.42	ND(0.0024)	ND(0.0024)	ND(0.024)	ND(0.0024)	ND(0.0024)	ND(0.0024)	ND(0.0024)	88
	50	03/31/05	2.64	ND(0.0026)	ND(0.0026)	ND(0.026)	ND(0.0026)	ND(0.0026)	ND(0.0026)	ND(0.0026)	88
	55	03/31/05	2.58	ND(0.0026)	ND(0.0026)	ND(0.026)	ND(0.0026)	ND(0.0026)	ND(0.0026)	ND(0.0026)	89
	60	03/31/05	2.20	ND(0.0022)	ND(0.0022)	ND(0.022)	ND(0.0022)	ND(0.0022)	ND(0.0022)	ND(0.0022)	88
VW93A	5	03/31/05	2.33	ND(0.0023)	ND(0.0023)	ND(0.023)	ND(0.0023)	ND(0.0023)	ND(0.0023)	ND(0.0023)	81
VW96	5	03/22/05	2.05	ND(0.002)	ND(0.002)	ND(0.02)	ND(0.002)	ND(0.002)	ND(0.002)	ND(0.002)	81
	10	03/22/05	2.13	ND(0.0021)	ND(0.0021)	ND(0.021)	ND(0.0021)	ND(0.0021)	ND(0.0021)	ND(0.0021)	82
	15	03/22/05	2.16	ND(0.0022)	ND(0.0022)	ND(0.022)	ND(0.0022)	ND(0.0022)	ND(0.0022)	ND(0.0022)	80
	20	03/22/05	2.38	ND(0.0024)	ND(0.0024)	ND(0.024)	ND(0.0024)	ND(0.0024)	ND(0.0024)	ND(0.0024)	90
	25	03/22/05	2.13	ND(0.0021)	ND(0.0021)	ND(0.021)	ND(0.0021)	ND(0.0021)	ND(0.0021)	ND(0.0021)	93
	30	03/24/05	1.75	ND(0.0018)	ND(0.0018)	ND(0.018)	ND(0.0018)	ND(0.0018)	ND(0.0018)	ND(0.0018)	92
	30	05/02/05	2.20	ND(0.0022)	ND(0.0022)	ND(0.022)	ND(0.0022)	ND(0.0022)	ND(0.0022)	ND(0.0022)	93
	35	03/24/05	1.79	ND(0.0018)R	ND(0.0018)R	ND(0.018)R	ND(0.0018)R	ND(0.0018)R	ND(0.0018)R	ND(0.0018)R	89 R
	35	05/02/05	2.20	ND(0.0022)	ND(0.0022)	ND(0.022)	ND(0.0022)	ND(0.0022)	ND(0.0022)	ND(0.0022)	92
VW96 Dup	35	05/02/05	2.29	ND(0.0023)	ND(0.0023)	ND(0.023)	ND(0.0023)	ND(0.0023)	ND(0.0023)	ND(0.0023)	92
VW96	40	03/24/05	1.55	ND(0.0016)	ND(0.0016)	ND(0.016)	ND(0.0016)	ND(0.0016)	ND(0.0016)	ND(0.0016)	93
	45	03/24/05	1.55	ND(0.0016)	ND(0.0016)	ND(0.016)	ND(0.0016)	ND(0.0016)	ND(0.0016)	ND(0.0016)	92
	50	03/24/05	1.68	0.0025	ND(0.0017)	ND(0.017)	ND(0.0017)	ND(0.0017)	ND(0.0017)	ND(0.0017)	88
VW96 Dup	50	03/24/05	1.64	0.0018	ND(0.0016)	ND(0.016)	ND(0.0016)	ND(0.0016)	ND(0.0016)	ND(0.0016)	85
VW96	55	03/24/05	1.64	0.0044	ND(0.0016)	ND(0.016)	ND(0.0016)	0.0026	ND(0.0016)	ND(0.0016)	82
	55	05/02/05	2.24	0.0064	ND(0.0022)	ND(0.022)	ND(0.0022)	0.0029	ND(0.0022)	ND(0.0022)	81
VW99	10	03/29/05	1.55	ND(0.0016)	ND(0.0016)	ND(0.016)	ND(0.0016)	ND(0.0016)	ND(0.0016)	ND(0.0016)	84
	15	03/29/05	1.46	ND(0.0015)	ND(0.0015)	ND(0.015)	ND(0.0015)	ND(0.0015)	ND(0.0015)	ND(0.0015)	87
	20	03/29/05	1.55	ND(0.0016)	ND(0.0016)	ND(0.016)	ND(0.0016)	ND(0.0016)	ND(0.0016)	ND(0.0016)	87
	25	03/29/05	2.04	ND(0.002)	ND(0.002)	ND(0.02)	ND(0.002)	ND(0.002)	ND(0.002)	ND(0.002)	88
	30	03/29/05	1.55	ND(0.0016)	ND(0.0016)	ND(0.016)	ND(0.0016)	ND(0.0016)	ND(0.0016)	ND(0.0016)	96
	35	03/29/05	1.61	ND(0.0016)	ND(0.0016)	ND(0.016)	ND(0.0016)	ND(0.0016)	ND(0.0016)	ND(0.0016)	94
	40	03/30/05	2.64	ND(0.0026)	ND(0.0026)	ND(0.026)	ND(0.0026)	ND(0.0026)	ND(0.0026)	ND(0.0026)	91
	45	03/30/05	2.42	ND(0.0024)	ND(0.0024)	ND(0.024)	ND(0.0024)	ND(0.0024)	ND(0.0024)	ND(0.0024)	88
VW99 Dup	45	03/30/05	2.29	ND(0.0023)	ND(0.0023)	ND(0.023)	ND(0.0023)	ND(0.0023)	ND(0.0023)	ND(0.0023)	89
VW99	50	03/30/05	2.53	0.0036	ND(0.0025)	ND(0.025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	86
	55	03/30/05	2.33	0.0054	ND(0.0023)	ND(0.023)	ND(0.0023)	ND(0.0023)	0.0037	ND(0.0023)	83
VW99A	5	03/30/05	4.38	ND(0.0044)	ND(0.0044)	ND(0.044)	ND(0.0044)	ND(0.0044)	ND(0.0044)	ND(0.0044)	81
	10	03/30/05	2.29	ND(0.0023)	ND(0.0023)	ND(0.023)	ND(0.0023)	ND(0.0023)	ND(0.0023)	ND(0.0023)	82
VW127	5	05/04/05	2.09	ND(0.0021)	ND(0.0021)	0.15	ND(0.0021)	ND(0.0021)	ND(0.0021)	ND(0.0021)	83

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Table 6d. Soil-Gas Analytical Results for Deep Nested Vapor Well Samples Summary Table, ASTM-D-1945 Analytes, Chevron Cincinnati Facility, Hooven, Ohio.

Nested Sample ID	Depth	Date	ASTM Dilution Factor	Ethane (%)	Ethylene (%)	Hydrogen ((%)	Isobutane (%)	Isopentane (%)	Pentane (%)	Propane (%)	Nitrogen (%)
VW127	10	05/04/05	2.33	ND(0.0023)	ND(0.0023)	0.1	ND(0.0023)	ND(0.0023)	ND(0.0023)	ND(0.0023)	84
	15	05/03/05	2.24	ND(0.0022)	ND(0.0022)	ND(0.022)	ND(0.0022)	ND(0.0022)	ND(0.0022)	ND(0.0022)	86
	20	05/03/05	2.16	ND(0.0022)	ND(0.0022)	ND(0.022)	ND(0.0022)	ND(0.0022)	ND(0.0022)	ND(0.0022)	89
	30	05/03/05	2.13	ND(0.0021)	ND(0.0021)	ND(0.021)	ND(0.0021)	ND(0.0021)	ND(0.0021)	ND(0.0021)	93
	40	05/03/05	2.16	ND(0.0022)	ND(0.0022)	ND(0.022)	ND(0.0022)	ND(0.0022)	ND(0.0022)	ND(0.0022)	90
	50	05/03/05	2.29	ND(0.0023)	ND(0.0023)	ND(0.023)	ND(0.0023)	ND(0.0023)	ND(0.0023)	ND(0.0023)	87
VW128	5	04/09/05	2.33	ND(0.0023)	ND(0.0023)	0.063	ND(0.0023)	ND(0.0023)	ND(0.0023)	ND(0.0023)	82
	10	04/09/05	2.47	ND(0.0025)	ND(0.0025)	0.029	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	81
	15	04/09/05	2.53	ND(0.0025)	ND(0.0025)	ND(0.025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	82
	20	04/09/05	2.42	ND(0.0024)	ND(0.0024)	ND(0.024)	ND(0.0024)	ND(0.0024)	ND(0.0024)	ND(0.0024)	88
	30	04/09/05	2.42	ND(0.0024)	ND(0.0024)	ND(0.024)	ND(0.0024)	ND(0.0024)	ND(0.0024)	ND(0.0024)	87
	40	04/09/05	2.20	ND(0.0022)	ND(0.0022)	ND(0.022)	ND(0.0022)	ND(0.0022)	ND(0.0022)	ND(0.0022)	87
	50	04/09/05	2.64	ND(0.0026)	ND(0.0026)	ND(0.026)	ND(0.0026)	ND(0.0026)	ND(0.0026)	ND(0.0026)	87
VW128 Dup	50	04/09/05	2.42	ND(0.0024)	ND(0.0024)	ND(0.024)	ND(0.0024)	ND(0.0024)	ND(0.0024)	ND(0.0024)	86
VW129	5	04/07/05	2.53	ND(0.0025)	ND(0.0025)	ND(0.025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	82
	10	04/07/05	2.42	ND(0.0024)	ND(0.0024)	ND(0.024)	ND(0.0024)	ND(0.0024)	ND(0.0024)	ND(0.0024)	83
	15	04/07/05	2.82	ND(0.0028)	ND(0.0028)	ND(0.028)	ND(0.0028)	ND(0.0028)	ND(0.0028)	ND(0.0028)	82
	20	04/07/05	2.33	ND(0.0023)	ND(0.0023)	ND(0.023)	ND(0.0023)	ND(0.0023)	ND(0.0023)	ND(0.0023)	82
	30	04/07/05	2.16	ND(0.0022)	ND(0.0022)	ND(0.022)	ND(0.0022)	ND(0.0022)	ND(0.0022)	ND(0.0022)	82
	40	04/07/05	2.38	ND(0.0024)	ND(0.0024)	ND(0.024)	ND(0.0024)	ND(0.0024)	ND(0.0024)	ND(0.0024)	82
	50	04/07/05	2.47	ND(0.0025)	ND(0.0025)	ND(0.025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	84
VW129 Dup	50	04/07/05	2.53	ND(0.0025)	ND(0.0025)	ND(0.025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	82
VW130	5	04/05/05	2.76	ND(0.0028)	ND(0.0028)	ND(0.028)	ND(0.0028)	ND(0.0028)	ND(0.0028)	ND(0.0028)	82
	10	04/05/05	2.42	ND(0.0024)	ND(0.0024)	ND(0.024)	ND(0.0024)	ND(0.0024)	ND(0.0024)	ND(0.0024)	82
	15	04/05/05	2.42	ND(0.0024)	ND(0.0024)	ND(0.024)	ND(0.0024)	ND(0.0024)	ND(0.0024)	ND(0.0024)	81
	20	04/05/05	2.58	ND(0.0026)R	ND(0.0026)R	ND(0.026)R	ND(0.0026)R	ND(0.0026)R	ND(0.0026)R	ND(0.0026)R	75 R
	20	05/02/05	2.20	ND(0.0022)	ND(0.0022)	ND(0.022)	ND(0.0022)	ND(0.0022)	ND(0.0022)	ND(0.0022)	80
	30	04/05/05	2.53	ND(0.0025)	ND(0.0025)	ND(0.025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	84
VW130 Dup	30	04/05/05	2.58	ND(0.0026)	ND(0.0026)	ND(0.026)	ND(0.0026)	ND(0.0026)	ND(0.0026)	ND(0.0026)	84
VW130	40	04/04/05	2.76	ND(0.0028)	ND(0.0028)	ND(0.028)	ND(0.0028)	ND(0.0028)	ND(0.0028)	ND(0.0028)	77
	40	05/02/05	2.58	ND(0.0026)	ND(0.0026)	ND(0.026)	ND(0.0026)	ND(0.0026)	ND(0.0026)	ND(0.0026)	82
	50	04/04/05	2.53	ND(0.0025)	ND(0.0025)	ND(0.025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	82

Table 7. Comparison of 90th Percentiles, Hooven Outdoor Air and Shallow Soil-Gas with Two Published Studies, Chevron Cincinnati Facility, Hooven, Ohio

Data Set	Isopropyl-benzene (µg/m³)	n-Propyl-benzene (µg/m³)	Naphthalene (µg/m³)	Benzene (µg/m³)	Toluene (µg/m³)	Ethyl-benzene (µg/m³)	m,p-Xylene (µg/m³)	o-Xylene (µg/m³)	n-Hexane (µg/m³)	1,3,5-Trimethyl-benzene (µg/m³)	1,2,4-Trimethyl-benzene (µg/m³)	2-Butanone (µg/m³)	Acetone (µg/m³)
Present Investigation:													
In Plume Area													
Near-Slab (n=49)	ND(3.5)	ND(3.5)	ND(15.0)	ND(5.3)	23.0	7.6	20.2	11.5	6.9	ND(3.5)	ND(6.6)	5.7	45.2
Percent Non-Detect (%ND)	100.0	100.0	100.0	85.7	69.4	83.7	75.5	85.7	83.7	100.0	89.8	73.5	32.7
Sub-Slab (n=45)	ND(3.3)	ND(6.2)	ND(14.3)	15.2	58.1	14.5	30.3	14.6	24.6	8.6	29.2	14.9	101.4
Percent Non-Detect (%ND)	97.8	86.7	97.8	31.1	15.6	46.7	28.9	44.4	31.1	84.4	33.3	15.6	2.2
Near-Slab and Sub-Slab (n=94)	ND(3.4)	ND(3.6)	ND(14.6)	11.7	29.9	13.7	21.7	13.3	20.6	ND(3.6)	18.9	10.6	63.3
Percent Non-Detect (%ND)	98.9	93.6	98.9	59.6	43.6	66.0	53.2	66.0	58.5	92.6	62.8	45.7	18.1
Outdoor Air (n=23)[5]	ND(2.7)	ND(2.7)	ND(11.5)	2.2	11.3	ND(0.8)	2.2	0.7	ND(2.0)	ND(0.6)	ND(0.6)	5.5	25.2
Percent Non-Detect (%ND)	100.0	100.0	100.0	13.0	8.7	87.0	30.4	82.6	95.7	95.7	91.3	52.2	0.0
Outside Plume Area													
Near-Slab (n=30)	ND(3.5)	ND(3.5)	ND(15.1)	12.2	74.4	15.1	40.7	16.8	10.2	ND(3.6)	11.5	20.1	129.1
Percent Non-Detect (%ND)	100.0	100.0	96.7	76.7	63.3	76.7	56.7	73.3	76.7	96.7	63.3	46.7	26.7
Sub-Slab (n=33)	ND(3.5)	ND(3.5)	ND(14.9)	15.8	33.8	11.8	30.1	13.8	32.8	ND(3.5)	15.9	19.6	64.8
Percent Non-Detect (%ND)	93.9	90.9	97.0	45.5	6.1	60.6	30.3	72.7	30.3	93.9	51.5	27.3	6.1
Near-Slab and Sub-Slab (n=63)	ND(3.5)	ND(3.5)	ND(15.1)	13.2	61.6	14.6	38.1	15.2	13.8	ND(3.5)	13.8	18.0	106.1
Percent Non-Detect (%ND)	96.8	95.2	96.8	60.3	33.3	68.3	42.9	73.0	52.4	95.2	57.1	36.5	15.9
Outdoor Air (n=22)[5]	ND(2.7)	ND(2.7)	ND(11.7)	1.4	3.2	ND(0.5)	1.7	ND(0.5)	ND(2)	ND(0.5)	ND(0.9)	3.8	19.7
Percent Non-Detect (%ND)	100.0	100.0	100.0	13.6	13.6	90.9	40.9	90.9	100.0	100.0	86.4	59.1	0.0
Combined Area													
Near-Slab (n=79)	ND(3.5)	ND(3.5)	ND(15.2)	8.8	33.9	10.7	23.4	13.4	8.9	ND(3.6)	10.3	7.0	73.0
Percent Non-Detect (%ND)	100.0	100.0	98.7	82.3	67.1	81.0	68.4	81.0	81.0	98.7	79.7	63.3	30.4
Sub-Slab (n=78)	ND(3.4)	6.1	ND(14.5)	15.3	44.8	14.4	32.3	14.7	25.7	7.0	24.5	15.5	88.3
Percent Non-Detect (%ND)	96.2	88.5	97.4	37.2	11.5	52.6	29.5	56.4	30.8	88.5	41.0	20.5	3.8
Near-Slab and Sub-Slab (n=157)	ND(3.4)	ND(3.6)	ND(15.0)	11.6	37.5	14.1	30.0	14.1	16.8	ND(3.6)	15.5	12.5	85.5
Percent Non-Detect (%ND)	98.1	94.3	98.1	59.9	39.5	66.9	49.0	68.8	56.1	93.6	60.5	42.0	17.2
Outdoor Air (n=69)	ND(2.9)	ND(2.9)	ND(12.4)	2.5	9.6	ND(1.0)	3.1	ND(1.2)	ND(2.1)	ND(0.7)	ND(1.5)	4.9	24.6
Percent Non-Detect (%ND)	100.0	100.0	100.0	11.6	8.7	84.1	30.4	78.3	97.1	95.6	76.8	62.3	0.0
Published NYDOH Study:													
NYDOH[1] (n=406[3]) indoor air	0.88	1.8	NA	15	59	7.3	12	7.9	19	3.8	11	14	110
Percent Non-Detect (%ND)	65.5	51.0	NA	2.7	2.2	13.3	12.3	16.0	11.1	25.9	10.6	5.7	1.2
NYDOH[1] (n=203[4]) outdoor air	0.3	0.3	NA	5.2	8.4	1.2	2.2	1.8	2.9	0.8	2.2	7.6	53
Percent Non-Detect (%ND)	88.7	88.2	NA	3.9	2.5	50.2	50.2	54.7	32.5	66.5	49.3	5.2	0.9
Published NJDEP Indoor Air Literature Review:													
TEAM New Jersey #1[2] (n=347)	-	-	-	54	NA	22	47	15	-	-	-	NA	NA
NHEXAS[2] (n=402)	-	-	-	13.0	NR	NA	NR	NR	-	-	-	NA	NA

Notes:

[1] From New York State Department of Health Study of Volatile Organic Chemicals in Air of Fuel Oil Heated Homes in NYS, 1997-2003.

[2] From Table F-2 of Background VOC Levels in Homes Literature Review, NJ Dept. of Environmental Protection, Div. of Science, Research and Technology, June 2002.

[3] For 2-Butanone and Acetone, n=230

[4] For 2-Butanone and Acetone, n=115

[5] FLOAT outdoor air samples not included in statistics

NA Not analyzed

NR Not reported

\- Not available

Nested vapor well data not included in statistics

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Table 8a. Outdoor Air Sampling Analytical Results Summary Table,Constituents Commonly Found in Gasoline, Chevron Cincinnati Facility, Hooven, Ohio.

Outdoor Air Sample ID	Date	TO-15 Dilution Factor	Benzene (mg/m³)	Toluene (mg/m³)	Ethylbenzene (mg/m³)	m,p-Xylene (mg/m³)	o-Xylene (mg/m³)	Hexane (mg/m³)	1,3,5-Trimethylbenzene (mg/m³)	1,2,4-Trimethylbenzene (mg/m³)
CHI2-OA2	03/22/05	1.61	0.0011	0.0019	ND(0.0007)	0.0014	ND(0.0007)	ND(0.0028)	ND(0.00079)	ND(0.00079)
Float-OA3	03/22/05	1.68	0.00096	0.0032	0.00083	0.0012	0.00072 J	ND(0.003)	ND(0.00082)	0.00083
HOO8-OA1	03/22/05	1.68	0.00087	0.0028	ND(0.00073)	0.0013	ND(0.00073)	ND(0.003)	ND(0.00082)	ND(0.00082)
CHI2-OA2	03/23/05	1.58	0.0011	0.0024	ND(0.00069)	0.0013	ND(0.00069)	ND(0.0028)	ND(0.00078)	ND(0.00078)
Float-OA3	03/23/05	1.83	0.0014	0.0031	ND(0.00079)	0.0014	ND(0.00079)	ND(0.0032)	ND(0.0009)	ND(0.0009)
HOO8-OA1	03/23/05	1.61	0.0009	0.0015	ND(0.0007)	0.0008	ND(0.0007)	ND(0.0028)	ND(0.00079)	ND(0.00079)
CHI2-OA2	03/24/05	1.58	0.0009	0.0014	ND(0.00069)	ND(0.00069)	ND(0.00069)	ND(0.0028)	ND(0.00078)	ND(0.00078)
Float-OA3	03/24/05	2.17	0.00099	0.002	ND(0.00094)	0.00092 J	ND(0.00094)	ND(0.0038)	ND(0.0011)	ND(0.0011)
HOO8-OA1	03/24/05	1.68	0.00066	0.0015	ND(0.00073)	ND(0.00073)	ND(0.00073)	ND(0.003)	ND(0.00082)	ND(0.00082)
CHI2-OA2	03/25/05	1.91	0.0015	0.0026	ND(0.00083)	0.0018	ND(0.00083)	ND(0.0034)	ND(0.00094)	ND(0.00094)
Float-OA3	03/25/05	1.91	0.0013	0.0031	ND(0.00083)	0.0021	ND(0.00083)	ND(0.0034)	ND(0.00094)	0.0012
HOO8-OA1	03/25/05	1.55	0.0017	0.0026	ND(0.00067)	0.0017	ND(0.00067)	ND(0.0027)	ND(0.00076)	0.002
CHI2-OA2	03/26/05	1.68	0.0024	0.0044	0.0012	0.0028	0.0011	ND(0.003)	ND(0.00082)	0.0008 J
Float-OA3	03/26/05	1.71	0.0036	0.006	0.0014	0.0038	0.0019 J	ND(0.003)	0.00087 J	0.0032
HOO8-OA1	03/26/05	1.68	0.0012	0.002	ND(0.00073)	0.0011	ND(0.00073)	ND(0.003)	ND(0.00082)	ND(0.00082)
CHI2-OA2	03/28/05	1.87	0.0012	0.003	ND(0.00081)	0.0011	ND(0.00081)	ND(0.0033)	ND(0.00092)	ND(0.00092)
Float-OA3	03/28/05	2.01	0.0014	0.0032	ND(0.00087)	0.0012	ND(0.00087)	ND(0.0035)	ND(0.00099)	ND(0.00099)
HOO8-OA1	03/28/05	1.79	0.0011	0.0022	ND(0.00078)	0.0012	ND(0.00078)	ND(0.0032)	ND(0.00088)	ND(0.00088)
CHI2-OA2	03/29/05	1.68	0.0024	0.0022	ND(0.00073)	0.0014	ND(0.00073)	ND(0.003)	ND(0.00082)	ND(0.00082)
Float-OA3	03/29/05	2.30	0.0022	0.0031	ND(0.001)	0.0022	ND(0.001)	ND(0.004)	ND(0.0011)	0.0012
HOO8-OA1	03/29/05	1.75	0.0011	0.0018	ND(0.00076)	0.00092	ND(0.00076)	ND(0.0031)	ND(0.00086)	ND(0.00086)
CHI2-OA2	03/30/05	1.79	0.00061	0.0011	ND(0.00078)	ND(0.00078)	ND(0.00078)	ND(0.0032)	ND(0.00088)	ND(0.00088)
Float-OA3	03/30/05	1.79	0.0008	0.0017	ND(0.00078)	0.0012	ND(0.00078)	ND(0.0032)	ND(0.00088)	ND(0.00088)
HOO8-OA1	03/30/05	1.79	0.00077	0.00098	ND(0.00078)	ND(0.00078)	ND(0.00078)	ND(0.0032)	ND(0.00088)	ND(0.00088)
HOO8-OA1 Dup	03/30/05	1.41	0.00087	0.0013	ND(0.00061)	0.00078	ND(0.00061)	ND(0.0025)	ND(0.00069)	ND(0.00069)
HOO8-OA1	03/31/05	1.68	ND(0.00054)	ND(0.00063)	ND(0.00073)	ND(0.00073)	ND(0.00073)	ND(0.003)	ND(0.00082)	ND(0.00082)
CHI2-OA2	04/01/05	1.68	0.0013	0.022	ND(0.00073)	0.0017	ND(0.00073)	ND(0.003)	ND(0.00082)	ND(0.00082)
HOO8-OA1	04/01/05	1.83	0.00089	0.018	ND(0.00079)	0.00093	ND(0.00079)	ND(0.0032)	ND(0.0009)	ND(0.0009)
CHI2-OA2	04/02/05	2.36	ND(0.00075)	ND(0.00089)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.0042)	ND(0.0012)	ND(0.0012)
Float-OA3	04/02/05	2.51	0.00081	0.00092 J	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0044)	ND(0.0012)	ND(0.0012)
HOO8-OA1	04/02/05	2.06	ND(0.00066)	ND(0.00078)	ND(0.00089)	ND(0.00089)	ND(0.00089)	ND(0.0036)	ND(0.001)	ND(0.001)
CHI2-OA2	04/04/05	1.79	0.001	0.0015	ND(0.00078)	0.0013	ND(0.00078)	ND(0.0032)	ND(0.00088)	ND(0.00088)
CHI2-OA2 Dup	04/04/05	1.79	0.001	0.0014	ND(0.00078)	0.00095	ND(0.00078)	ND(0.0032)	ND(0.00088)	ND(0.00088)
Float-OA3	04/04/05	2.44	0.0019	0.0033	ND(0.001)	0.0022	ND(0.001)	ND(0.0043)	ND(0.0012)	ND(0.0012)
HOO8-OA1	04/04/05	2.01	0.00098	0.0013	ND(0.00087)	ND(0.00087)	ND(0.00087)	ND(0.0035)	ND(0.00099)	ND(0.00099)
CHI2-OA2	04/05/05	1.79	0.00085	0.0014	ND(0.00078)	0.0009	ND(0.00078)	ND(0.0032)	ND(0.00088)	ND(0.00088)
Float-OA3	04/05/05	5.03	0.0022	0.0033	ND(0.0022)	0.0026	ND(0.0022)	ND(0.0089)	ND(0.0025)	ND(0.0025)
HOO8-OA1	04/05/05	1.83	0.0009	0.0014	ND(0.00079)	ND(0.00079)	ND(0.00079)	ND(0.0032)	ND(0.0009)	ND(0.0009)

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Table 8a. Outdoor Air Sampling Analytical Results Summary Table,Constituents Commonly Found in Gasoline, Chevron Cincinnati Facility, Hooven, Ohio.

Outdoor Air Sample ID	Date	TO-15 Dilution Factor	Benzene (mg/m³)	Toluene (mg/m³)	Ethylbenzene (mg/m³)	m,p-Xylene (mg/m³)	o-Xylene (mg/m³)	Hexane (mg/m³)	1,3,5-Trimethylbenzene (mg/m³)	1,2,4-Trimethylbenzene (mg/m³)
CHI2-OA2	04/06/05	1.58	0.0015	0.0026	0.00082	0.0023	0.00074	0.0039	ND(0.00078)	ND(0.00078)
Float-OA3	04/06/05	1.91	0.0019	0.0044	0.0012	0.0031	0.0013	ND(0.0034)	ND(0.00094)	0.0015
HOO8-OA1	04/06/05	1.64	0.0013	0.0026	0.00076	0.0021	0.00083	ND(0.0029)	ND(0.00081)	0.00095
CHI2-OA2	04/07/05	1.71	0.00094	0.0018	ND(0.00074)	0.0013	ND(0.00074)	ND(0.003)	ND(0.00084)	ND(0.00084)
Float-OA3	04/07/05	1.79	0.002	0.0049	0.0012	0.0038	0.0016	ND(0.0032)	ND(0.00088)	0.002
HOO8-OA1	04/07/05	2.06	0.00099	0.0016	ND(0.00089)	0.0012	ND(0.00089)	ND(0.0036)	ND(0.001)	ND(0.001)
CHI2-OA2	04/08/05	1.75	0.00099	0.0018	ND(0.00076)	0.001	ND(0.00076)	ND(0.0031)	ND(0.00086)	ND(0.00086)
Float-OA3	04/08/05	2.12	0.0025	0.005	ND(0.00092)	0.0031	0.0012	ND(0.0037)	ND(0.001)	0.0017
HOO8-OA1	04/08/05	1.75	0.00066	0.0011	ND(0.00076)	ND(0.00076)	ND(0.00076)	ND(0.0031)	ND(0.00086)	ND(0.00086)
CHI2-OA2	04/09/05	2.01	0.0012	0.0018	ND(0.00087)	0.0011	ND(0.00087)	ND(0.0035)	ND(0.00099)	ND(0.00099)
Float-OA3	04/09/05	2.06	0.001	0.0022	ND(0.00089)	ND(0.00089)	ND(0.00089)	ND(0.0036)	ND(0.001)	ND(0.001)
Float-OA3 Dup	04/09/05	1.96	0.00096	0.0016	ND(0.00085)	ND(0.00085)	ND(0.00085)	ND(0.0034)	ND(0.00096)	ND(0.00096)
HOO8-OA1	04/09/05	2.06	0.00091	0.0014	ND(0.00089)	ND(0.00089)	ND(0.00089)	ND(0.0036)	ND(0.001)	ND(0.001)
CHI2-OA2	04/11/05	1.79	0.0014	0.0023	ND(0.00078)	0.0011	ND(0.00078)	ND(0.0032)	ND(0.00088)	ND(0.00088)
Float-OA3	04/11/05	2.36	0.0029	0.0054	ND(0.001)	0.0028	0.0012	ND(0.0042)	ND(0.0012)	0.0013
HOO8-OA1	04/11/05	2.06	0.0012	0.0026	ND(0.00089)	0.0011	ND(0.00089)	ND(0.0036)	ND(0.001)	ND(0.001)
CHI2-OA2	04/12/05	1.68	0.0016	0.0033	ND(0.00073)	0.002	0.00069 J	ND(0.003)	ND(0.00082)	ND(0.00082)
Float-OA3	04/12/05	2.23	0.0064	0.0092	ND(0.00097)	0.0031	0.00093 J	ND(0.0039)	ND(0.0011)	0.0011
CHI2-OA2	04/13/05	1.75	0.0032	0.013	0.002	0.0059	0.0032	ND(0.0031)	0.00096	0.0032
Float-OA3	04/13/05	2.01	0.0026	0.011	0.001	0.0031	0.0013	ND(0.0035)	ND(0.00099)	0.0013
HOO8-OA1	04/13/05	1.68	0.0014	0.0032	ND(0.00073)	0.0013	ND(0.00073)	ND(0.003)	ND(0.00082)	ND(0.00082)
HOO8-OA1 Dup	04/13/05	1.83	0.0012	0.001	ND(0.00079)	ND(0.00079)	ND(0.00079)	ND(0.0032)	ND(0.0009)	ND(0.0009)
CHI2-OA2	04/14/05	2.12	0.00094	0.0016	ND(0.00092)	ND(0.00092)	ND(0.00092)	ND(0.0037)	ND(0.001)	ND(0.001)
CHI2-OA2 Dup	04/14/05	1.75	0.00094	0.0014	ND(0.00076)	0.0008	ND(0.00076)	ND(0.0031)	ND(0.00086)	ND(0.00086)
Float-OA3	04/14/05	3.83	0.0016	0.006	ND(0.0017)	0.0018	ND(0.0017)	ND(0.0067)	ND(0.0019)	ND(0.0019)
HOO8-OA1	04/14/05	1.71	0.00082	0.0014	ND(0.00074)	0.00079	ND(0.00074)	ND(0.003)	ND(0.00084)	ND(0.00084)
CHI2-OA2	04/15/05	2.23	0.0009	0.0019	ND(0.00097)	ND(0.00097)	ND(0.00097)	ND(0.0039)	ND(0.0011)	ND(0.0011)
Float-OA3	04/15/05	2.12	0.0011	0.0021	ND(0.00092)	0.001	ND(0.00092)	ND(0.0037)	ND(0.001)	ND(0.001)
HOO8-OA1	04/15/05	2.30	0.0024	0.0044	0.00097 J	0.0027	0.0012	ND(0.004)	ND(0.0011)	0.0013
FLOAT-OA3	05/02/05	2.17	0.0074	0.03	0.0072	0.024	0.01	0.0081	0.0027	0.011
CHI2-OA2	05/03/05	2.23	ND(0.00071)	ND(0.00084)	ND(0.00097)	ND(0.00097)	ND(0.00097)	ND(0.0039)	ND(0.0011)	ND(0.0011)
FLOAT-OA3	05/03/05	2.23	ND(0.00071)	ND(0.00084)	ND(0.00097)	ND(0.00097)	ND(0.00097)	ND(0.0039)	ND(0.0011)	ND(0.0011)
HOO8-OA1	05/03/05	2.30	ND(0.00073)	ND(0.00087)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.004)	ND(0.0011)	ND(0.0011)
CHI2-OA2 Dup	05/04/05	4.44	ND(0.0014)	0.0021	ND(0.0019)	ND(0.0019)	ND(0.0019)	ND(0.0078)	ND(0.0022)	ND(0.0022)
FLOAT-OA3	05/04/05	3.50	ND(0.0011)	0.0018	ND(0.0015)	ND(0.0015)	ND(0.0015)	ND(0.0062)	ND(0.0017)	ND(0.0017)
CHI2-OA2	05/11/05	2.12	ND(0.00068)	0.028	ND(0.00092)	ND(0.00092)	ND(0.00092)	ND(0.0037)	ND(0.001)	ND(0.001)
Float-OA3	05/11/05	2.17	0.00069 J	0.12	ND(0.00094)	ND(0.00094)	ND(0.00094)	ND(0.0038)	ND(0.0011)	ND(0.0011)
HOO1-OA1	05/11/05	2.17	ND(0.00069)	0.044	ND(0.00094)	0.0013	ND(0.00094)	ND(0.0038)	ND(0.0011)	0.0011

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Table 8a. Outdoor Air Sampling Analytical Results Summary Table,Constituents Commonly Found in Gasoline, Chevron Cincinnati Facility, Hooven, Ohio.

Outdoor Air Sample ID	Date	TO-15 Dilution Factor	Naphthalene (mg/m³)	Cyclohexane (mg/m³)	Heptane (mg/m³)	Styrene (mg/m³)	Isopropylbenzene (mg/m³)	n-Propylbenzene (mg/m³)	1,2-Dichloroethane (mg/m³)	1,2-Dibromoethane (mg/m³)
CHI2-OA2	03/22/05	1.61	ND(0.017)J	ND(0.0028)	ND(0.0033)	ND(0.00068)	ND(0.004)	ND(0.004)	ND(0.00065)	ND(0.0012)
Float-OA3	03/22/05	1.68	ND(0.018)J	ND(0.0029)	ND(0.0034)	ND(0.00072)	ND(0.0041)	ND(0.0041)	ND(0.00068)	ND(0.0013)
HOO8-OA1	03/22/05	1.68	ND(0.018)J	ND(0.0029)	ND(0.0034)	ND(0.00072)	ND(0.0041)	ND(0.0041)	ND(0.00068)	ND(0.0013)
CHI2-OA2	03/23/05	1.58	ND(0.016)J	ND(0.0027)	ND(0.0032)	ND(0.00067)	ND(0.0039)	ND(0.0039)	ND(0.00064)	ND(0.0012)
Float-OA3	03/23/05	1.83	ND(0.019)	ND(0.0031)	ND(0.0037)	ND(0.00078)	ND(0.0045)	ND(0.0045)	ND(0.00074)	ND(0.0014)
HOO8-OA1	03/23/05	1.61	ND(0.017)J	ND(0.0028)	ND(0.0033)	ND(0.00068)	ND(0.004)	ND(0.004)	ND(0.00065)	ND(0.0012)
CHI2-OA2	03/24/05	1.58	ND(0.016)J	ND(0.0027)	ND(0.0032)	ND(0.00067)	ND(0.0039)	ND(0.0039)	ND(0.00064)	ND(0.0012)
Float-OA3	03/24/05	2.17	ND(0.023)J	ND(0.0037)	ND(0.0044)	ND(0.00092)	ND(0.0053)	ND(0.0053)	ND(0.00088)	ND(0.0017)
HOO8-OA1	03/24/05	1.68	ND(0.018)J	ND(0.0029)	ND(0.0034)	ND(0.00072)	ND(0.0041)	ND(0.0041)	ND(0.00068)	ND(0.0013)
CHI2-OA2	03/25/05	1.91	ND(0.02)	ND(0.0033)	ND(0.0039)	ND(0.00081)	ND(0.0047)	ND(0.0047)	ND(0.00077)	ND(0.0015)
Float-OA3	03/25/05	1.91	ND(0.02)J	ND(0.0033)	ND(0.0039)	ND(0.00081)	ND(0.0047)	ND(0.0047)	ND(0.00077)	ND(0.0015)
HOO8-OA1	03/25/05	1.55	ND(0.016)	ND(0.0027)	ND(0.0032)	ND(0.00066)	ND(0.0038)	ND(0.0038)	ND(0.00063)	ND(0.0012)
CHI2-OA2	03/26/05	1.68	ND(0.018)	ND(0.0029)	ND(0.0034)	ND(0.00072)	ND(0.0041)	ND(0.0041)	ND(0.00068)	ND(0.0013)
Float-OA3	03/26/05	1.71	ND(0.018)	ND(0.0029)	ND(0.0035)	ND(0.00073)	ND(0.0042)	ND(0.0042)	ND(0.00069)	ND(0.0013)
HOO8-OA1	03/26/05	1.68	ND(0.018)	ND(0.0029)	ND(0.0034)	ND(0.00072)	ND(0.0041)	ND(0.0041)	ND(0.00068)	ND(0.0013)
CHI2-OA2	03/28/05	1.87	ND(0.02)	ND(0.0032)	ND(0.0038)	ND(0.0008)	ND(0.0046)	ND(0.0046)	ND(0.00076)	ND(0.0014)
Float-OA3	03/28/05	2.01	ND(0.021)	ND(0.0034)	ND(0.0041)	ND(0.00086)	ND(0.0049)	ND(0.0049)	ND(0.00081)	ND(0.0015)
HOO8-OA1	03/28/05	1.79	ND(0.019)	ND(0.0031)	ND(0.0037)	ND(0.00076)	ND(0.0044)	ND(0.0044)	ND(0.00072)	ND(0.0014)
CHI2-OA2	03/29/05	1.68	ND(0.018)J	ND(0.0029)	ND(0.0034)	ND(0.00072)	ND(0.0041)	ND(0.0041)J	ND(0.00068)	ND(0.0013)
Float-OA3	03/29/05	2.30	ND(0.024)J	ND(0.004)	ND(0.0047)	ND(0.00098)	ND(0.0056)	ND(0.0056)J	ND(0.00093)	ND(0.0018)
HOO8-OA1	03/29/05	1.75	ND(0.018)J	ND(0.003)	ND(0.0036)	ND(0.00074)	ND(0.0043)	ND(0.0043)J	ND(0.00071)	ND(0.0013)
CHI2-OA2	03/30/05	1.79	ND(0.019)J	ND(0.0031)	ND(0.0037)	ND(0.00076)	ND(0.0044)	ND(0.0044)J	ND(0.00072)	ND(0.0014)
Float-OA3	03/30/05	1.79	ND(0.019)J	ND(0.0031)	ND(0.0037)	ND(0.00076)	ND(0.0044)	ND(0.0044)J	ND(0.00072)	ND(0.0014)
HOO8-OA1	03/30/05	1.79	ND(0.019)J	ND(0.0031)	ND(0.0037)	ND(0.00076)	ND(0.0044)	ND(0.0044)J	ND(0.00072)	ND(0.0014)
HOO8-OA1 Du	03/30/05	1.41	ND(0.015)J	ND(0.0024)	ND(0.0029)	ND(0.0006)	ND(0.0035)	ND(0.0035)J	ND(0.00057)	ND(0.0011)
HOO8-OA1	03/31/05	1.68	ND(0.018)J	ND(0.0029)	ND(0.0034)	ND(0.00072)	ND(0.0041)	ND(0.0041)J	ND(0.00068)	ND(0.0013)
CHI2-OA2	04/01/05	1.68	ND(0.018)J	ND(0.0029)	ND(0.0034)	ND(0.00072)	ND(0.0041)	ND(0.0041)J	ND(0.00068)	ND(0.0013)
HOO8-OA1	04/01/05	1.83	ND(0.019)J	ND(0.0031)	ND(0.0037)	ND(0.00078)	ND(0.0045)	ND(0.0045)J	ND(0.00074)	ND(0.0014)
CHI2-OA2	04/02/05	2.36	ND(0.025)J	ND(0.0041)	ND(0.0048)	ND(0.001)	ND(0.0058)	ND(0.0058)J	ND(0.00096)	ND(0.0018)
Float-OA3	04/02/05	2.51	ND(0.026)J	ND(0.0043)	ND(0.0051)	ND(0.0011)	ND(0.0062)	ND(0.0062)J	ND(0.001)	ND(0.0019)
HOO8-OA1	04/02/05	2.06	ND(0.022)J	ND(0.0035)	ND(0.0042)	ND(0.00088)	ND(0.0051)	ND(0.0051)J	ND(0.00083)	ND(0.0016)
CHI2-OA2	04/04/05	1.79	ND(0.019)J	ND(0.0031)	ND(0.0037)	0.0009 J	ND(0.0044)	ND(0.0044)J	ND(0.00072)	ND(0.0014)
CHI2-OA2 Dup	04/04/05	1.79	ND(0.019)J	ND(0.0031)	ND(0.0037)	0.00081 J	ND(0.0044)	ND(0.0044)J	ND(0.00072)	ND(0.0014)
Float-OA3	04/04/05	2.44	ND(0.026)J	ND(0.0042)	ND(0.005)	0.0011 J	ND(0.006)	ND(0.006)J	ND(0.00099)	ND(0.0019)
HOO8-OA1	04/04/05	2.01	ND(0.021)J	ND(0.0034)	ND(0.0041)	ND(0.00086)	ND(0.0049)	ND(0.0049)J	ND(0.00081)	ND(0.0015)
CHI2-OA2	04/05/05	1.79	ND(0.019)J	ND(0.0031)	ND(0.0037)	0.0013 J	ND(0.0044)	ND(0.0044)J	ND(0.00072)	ND(0.0014)
Float-OA3	04/05/05	5.03	ND(0.053)J	ND(0.0086)	ND(0.01)	ND(0.0021)	ND(0.012)	ND(0.012)J	ND(0.002)	ND(0.0039)
HOO8-OA1	04/05/05	1.83	ND(0.019)J	ND(0.0031)	ND(0.0037)	0.0018 J	ND(0.0045)	ND(0.0045)J	ND(0.00074)	ND(0.0014)

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Table 8a. Outdoor Air Sampling Analytical Results Summary Table,Constituents Commonly Found in Gasoline, Chevron Cincinnati Facility, Hooven, Ohio.

Outdoor Air Sample ID	Date	TO-15 Dilution Factor	Naphthalene (mg/m³)	Cyclohexane (mg/m³)	Heptane (mg/m³)	Styrene (mg/m³)	Isopropylbenzene (mg/m³)	n-Propylbenzene (mg/m³)	1,2-Dichloroethane (mg/m³)	1,2-Dibromoethane (mg/m³)
CHI2-OA2	04/06/05	1.58	ND(0.016)J	0.0032	0.0047	0.002 J	ND(0.0039)	ND(0.0039)	ND(0.00064)	ND(0.0012)
Float-OA3	04/06/05	1.91	ND(0.02)J	ND(0.0033)	ND(0.0039)	0.0043 J	ND(0.0047)	ND(0.0047)	ND(0.00077)	ND(0.0015)
HOO8-OA1	04/06/05	1.64	ND(0.017)J	ND(0.0028)	ND(0.0034)	0.0038 J	ND(0.004)	ND(0.004)	ND(0.00066)	ND(0.0013)
CHI2-OA2	04/07/05	1.71	ND(0.018)J	ND(0.0029)	ND(0.0035)	0.00081 J	ND(0.0042)	ND(0.0042)	ND(0.00069)	ND(0.0013)
Float-OA3	04/07/05	1.79	ND(0.019)J	ND(0.0031)	ND(0.0037)	0.00085 J	ND(0.0044)	ND(0.0044)	ND(0.00072)	ND(0.0014)
HOO8-OA1	04/07/05	2.06	ND(0.022)J	ND(0.0035)	ND(0.0042)	ND(0.00088)	ND(0.0051)	ND(0.0051)	ND(0.00083)	ND(0.0016)
CHI2-OA2	04/08/05	1.75	ND(0.018)J	ND(0.003)	ND(0.0036)	ND(0.00074)J	ND(0.0043)	ND(0.0043)	ND(0.00071)	ND(0.0013)
Float-OA3	04/08/05	2.12	ND(0.022)J	ND(0.0036)	ND(0.0043)	ND(0.0009)J	ND(0.0052)	ND(0.0052)	ND(0.00086)	ND(0.0016)
HOO8-OA1	04/08/05	1.75	ND(0.018)J	ND(0.003)	ND(0.0036)	ND(0.00074)	ND(0.0043)	ND(0.0043)	ND(0.00071)	ND(0.0013)
CHI2-OA2	04/09/05	2.01	ND(0.021)J	ND(0.0034)	ND(0.0041)	ND(0.00086)	ND(0.0049)	ND(0.0049)	ND(0.00081)	ND(0.0015)
Float-OA3	04/09/05	2.06	ND(0.022)J	ND(0.0035)	ND(0.0042)	ND(0.00088)	ND(0.0051)	ND(0.0051)	ND(0.00083)	ND(0.0016)
Float-OA3 Dup	04/09/05	1.96	ND(0.02)J	ND(0.0034)	ND(0.004)	ND(0.00083)	ND(0.0048)	ND(0.0048)	ND(0.00079)	ND(0.0015)
HOO8-OA1	04/09/05	2.06	ND(0.022)J	ND(0.0035)	ND(0.0042)	ND(0.00088)	ND(0.0051)	ND(0.0051)	ND(0.00083)	ND(0.0016)
CHI2-OA2	04/11/05	1.79	ND(0.019)J	ND(0.0031)	ND(0.0037)	ND(0.00076)	ND(0.0044)	ND(0.0044)	ND(0.00072)	ND(0.0014)
Float-OA3	04/11/05	2.36	ND(0.025)J	ND(0.0041)	ND(0.0048)	ND(0.001)	ND(0.0058)	ND(0.0058)	ND(0.00096)	ND(0.0018)
HOO8-OA1	04/11/05	2.06	ND(0.022)J	ND(0.0035)	ND(0.0042)	ND(0.00088)	ND(0.0051)	ND(0.0051)	ND(0.00083)	ND(0.0016)
CHI2-OA2	04/12/05	1.68	ND(0.018)J	ND(0.0029)	ND(0.0034)	ND(0.00072)	ND(0.0041)	ND(0.0041)	ND(0.00068)	ND(0.0013)
Float-OA3	04/12/05	2.23	ND(0.023)J	ND(0.0038)	ND(0.0046)	ND(0.00095)	ND(0.0055)	ND(0.0055)	ND(0.0009)	ND(0.0017)
CHI2-OA2	04/13/05	1.75	ND(0.018)	ND(0.003)	ND(0.0036)	ND(0.00074)	ND(0.0043)	ND(0.0043)	ND(0.00071)	ND(0.0013)
Float-OA3	04/13/05	2.01	ND(0.021)	ND(0.0034)	ND(0.0041)	ND(0.00086)	ND(0.0049)	ND(0.0049)	ND(0.00081)	ND(0.0015)
HOO8-OA1	04/13/05	1.68	ND(0.018)J	ND(0.0029)	ND(0.0034)	ND(0.00072)	ND(0.0041)	ND(0.0041)	ND(0.00068)	ND(0.0013)
HOO8-OA1 Du	04/13/05	1.83	ND(0.019)J	ND(0.0031)	ND(0.0037)	ND(0.00078)	ND(0.0045)	ND(0.0045)	ND(0.00074)	ND(0.0014)
CHI2-OA2	04/14/05	2.12	ND(0.022)	ND(0.0036)	ND(0.0043)	ND(0.0009)	ND(0.0052)	ND(0.0052)	ND(0.00086)	ND(0.0016)
CHI2-OA2 Dup	04/14/05	1.75	ND(0.018)	ND(0.003)	ND(0.0036)	ND(0.00074)	ND(0.0043)	ND(0.0043)	ND(0.00071)	ND(0.0013)
Float-OA3	04/14/05	3.83	ND(0.04)	ND(0.0066)	ND(0.0078)	ND(0.0016)	ND(0.0094)	ND(0.0094)	ND(0.0016)	ND(0.0029)
HOO8-OA1	04/14/05	1.71	ND(0.018)	ND(0.0029)	ND(0.0035)	ND(0.00073)	ND(0.0042)	ND(0.0042)	ND(0.00069)	ND(0.0013)
CHI2-OA2	04/15/05	2.23	ND(0.023)	ND(0.0038)	ND(0.0046)	ND(0.00095)	ND(0.0055)	ND(0.0055)	ND(0.0009)	ND(0.0017)
Float-OA3	04/15/05	2.12	ND(0.022)	ND(0.0036)	ND(0.0043)	ND(0.0009)	ND(0.0052)	ND(0.0052)	ND(0.00086)	ND(0.0016)
HOO8-OA1	04/15/05	2.30	ND(0.024)	ND(0.004)	ND(0.0047)	ND(0.00098)	ND(0.0056)	ND(0.0056)	ND(0.00093)	ND(0.0018)
FLOAT-OA3	05/02/05	2.17	ND(0.023)	ND(0.0037)	0.0061	ND(0.00092)	ND(0.0053)	ND(0.0053)	ND(0.00088)	ND(0.0017)
CHI2-OA2	05/03/05	2.23	ND(0.023)	ND(0.0038)	ND(0.0046)	ND(0.00095)	ND(0.0055)	ND(0.0055)	ND(0.0009)	ND(0.0017)
FLOAT-OA3	05/03/05	2.23	ND(0.023)	ND(0.0038)	ND(0.0046)	ND(0.00095)	ND(0.0055)	ND(0.0055)	ND(0.0009)	ND(0.0017)
HOO8-OA1	05/03/05	2.30	ND(0.024)	ND(0.004)	ND(0.0047)	ND(0.00098)	ND(0.0056)	ND(0.0056)	ND(0.00093)	ND(0.0018)
CHI2-OA2 Dup	05/04/05	4.44	ND(0.046)	ND(0.0076)	ND(0.0091)	ND(0.0019)	ND(0.011)	ND(0.011)	ND(0.0018)	ND(0.0034)
FLOAT-OA3	05/04/05	3.50	ND(0.037)	ND(0.006)	ND(0.0072)	ND(0.0015)	ND(0.0086)	ND(0.0086)	ND(0.0014)	ND(0.0027)
CHI2-OA2	05/11/05	2.12	ND(0.022)J	ND(0.0036)	ND(0.0043)	ND(0.0009)	ND(0.0052)	ND(0.0052)	ND(0.00086)	ND(0.0016)
Float-OA3	05/11/05	2.17	ND(0.023)J	ND(0.0037)	0.0058	ND(0.00092)	ND(0.0053)	ND(0.0053)	ND(0.00088)	ND(0.0017)
HOO1-OA1	05/11/05	2.17	ND(0.023)J	ND(0.0037)	ND(0.0044)	ND(0.00092)	ND(0.0053)	ND(0.0053)	ND(0.00088)	ND(0.0017)

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Table 8a. Outdoor Air Sampling Analytical Results Summary Table,Constituents Commonly Found in Gasoline, Chevron Cincinnati Facility, Hooven, Ohio.

Outdoor Air Sample ID	Date	TO-15 Dilution Factor	MTBE (mg/m³)	4-Ethyltoluene (mg/m³)	1,3-Butadiene (mg/m³)
CHI2-OA2	03/22/05	1.61	ND(0.0029)	ND(0.004)	ND(0.0018)J
Float-OA3	03/22/05	1.68	ND(0.003)	ND(0.0041)	ND(0.0018)J
HOO8-OA1	03/22/05	1.68	ND(0.003)	ND(0.0041)	ND(0.0018)J
CHI2-OA2	03/23/05	1.58	ND(0.0028)	ND(0.0039)	ND(0.0017)
Float-OA3	03/23/05	1.83	ND(0.0033)	ND(0.0045)	ND(0.002)J
HOO8-OA1	03/23/05	1.61	ND(0.0029)	ND(0.004)	ND(0.0018)
CHI2-OA2	03/24/05	1.58	ND(0.0028)	ND(0.0039)	ND(0.0017)
Float-OA3	03/24/05	2.17	ND(0.0039)	ND(0.0053)	ND(0.0024)
HOO8-OA1	03/24/05	1.68	ND(0.003)	ND(0.0041)	ND(0.0018)
CHI2-OA2	03/25/05	1.91	ND(0.0034)	ND(0.0047)	ND(0.0021)
Float-OA3	03/25/05	1.91	ND(0.0034)	ND(0.0047)	ND(0.0021)
HOO8-OA1	03/25/05	1.55	ND(0.0028)	ND(0.0038)	ND(0.0017)
CHI2-OA2	03/26/05	1.68	ND(0.003)	ND(0.0041)	ND(0.0018)
Float-OA3	03/26/05	1.71	ND(0.0031)	ND(0.0042)	ND(0.0019)
HOO8-OA1	03/26/05	1.68	ND(0.003)	ND(0.0041)	ND(0.0018)
CHI2-OA2	03/28/05	1.87	ND(0.0034)	ND(0.0046)	ND(0.0021)
Float-OA3	03/28/05	2.01	ND(0.0036)	ND(0.0049)	ND(0.0022)
HOO8-OA1	03/28/05	1.79	ND(0.0032)	ND(0.0044)	ND(0.002)
CHI2-OA2	03/29/05	1.68	ND(0.003)	ND(0.0041)	ND(0.0018)
Float-OA3	03/29/05	2.30	ND(0.0041)	ND(0.0056)	0.0039
HOO8-OA1	03/29/05	1.75	ND(0.0032)	ND(0.0043)	0.0029
CHI2-OA2	03/30/05	1.79	ND(0.0032)	ND(0.0044)	ND(0.002)
Float-OA3	03/30/05	1.79	ND(0.0032)	ND(0.0044)	ND(0.002)
HOO8-OA1	03/30/05	1.79	ND(0.0032)	ND(0.0044)	ND(0.002)
HOO8-OA1 Du	03/30/05	1.41	ND(0.0025)	ND(0.0035)	ND(0.0016)
HOO8-OA1	03/31/05	1.68	ND(0.003)	ND(0.0041)	ND(0.0018)
CHI2-OA2	04/01/05	1.68	ND(0.003)	ND(0.0041)	ND(0.0018)
HOO8-OA1	04/01/05	1.83	ND(0.0033)	ND(0.0045)	ND(0.002)
CHI2-OA2	04/02/05	2.36	ND(0.0042)	ND(0.0058)	ND(0.0026)
Float-OA3	04/02/05	2.51	ND(0.0045)	ND(0.0062)	ND(0.0028)
HOO8-OA1	04/02/05	2.06	ND(0.0037)	ND(0.0051)	ND(0.0023)
CHI2-OA2	04/04/05	1.79	ND(0.0032)	ND(0.0044)	0.0043
CHI2-OA2 Dup	04/04/05	1.79	ND(0.0032)	ND(0.0044)	0.0042
Float-OA3	04/04/05	2.44	ND(0.0044)	ND(0.006)	0.0062
HOO8-OA1	04/04/05	2.01	ND(0.0036)	ND(0.0049)	0.0041
CHI2-OA2	04/05/05	1.79	ND(0.0032)	ND(0.0044)	ND(0.002)
Float-OA3	04/05/05	5.03	ND(0.0091)	ND(0.012)	ND(0.0056)
HOO8-OA1	04/05/05	1.83	ND(0.0033)	ND(0.0045)	ND(0.002)

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Table 8a. Outdoor Air Sampling Analytical Results Summary Table,Constituents Commonly Found in Gasoline, Chevron Cincinnati Facility, Hooven, Ohio.

Outdoor Air Sample ID	Date	TO-15 Dilution Factor	MTBE (mg/m³)	4-Ethyltoluene (mg/m³)	1,3-Butadiene (mg/m³)
CHI2-OA2	04/06/05	1.58	ND(0.0028)	ND(0.0039)	0.0064
Float-OA3	04/06/05	1.91	ND(0.0034)	ND(0.0047)	0.046
HOO8-OA1	04/06/05	1.64	ND(0.003)	ND(0.004)	0.034
CHI2-OA2	04/07/05	1.71	ND(0.0031)	ND(0.0042)	ND(0.0019)
Float-OA3	04/07/05	1.79	ND(0.0032)	ND(0.0044)	ND(0.002)
HOO8-OA1	04/07/05	2.06	ND(0.0037)	ND(0.0051)	ND(0.0023)
CHI2-OA2	04/08/05	1.75	ND(0.0032)	ND(0.0043)	ND(0.0019)
Float-OA3	04/08/05	2.12	ND(0.0038)	ND(0.0052)	ND(0.0023)
HOO8-OA1	04/08/05	1.75	ND(0.0032)	ND(0.0043)	ND(0.0019)
CHI2-OA2	04/09/05	2.01	ND(0.0036)	ND(0.0049)	ND(0.0022)
Float-OA3	04/09/05	2.06	ND(0.0037)	ND(0.0051)	ND(0.0023)
Float-OA3 Dup	04/09/05	1.96	ND(0.0035)	ND(0.0048)	ND(0.0022)
HOO8-OA1	04/09/05	2.06	ND(0.0037)	ND(0.0051)	ND(0.0023)
CHI2-OA2	04/11/05	1.79	ND(0.0032)	ND(0.0044)	ND(0.002)
Float-OA3	04/11/05	2.36	ND(0.0042)	ND(0.0058)	ND(0.0026)
HOO8-OA1	04/11/05	2.06	ND(0.0037)	ND(0.0051)	ND(0.0023)
CHI2-OA2	04/12/05	1.68	ND(0.003)	ND(0.0041)	ND(0.0018)
Float-OA3	04/12/05	2.23	ND(0.004)	ND(0.0055)	ND(0.0025)
CHI2-OA2	04/13/05	1.75	0.018	ND(0.0043)	ND(0.0019)
Float-OA3	04/13/05	2.01	ND(0.0036)	ND(0.0049)	ND(0.0022)
HOO8-OA1	04/13/05	1.68	ND(0.003)	ND(0.0041)	ND(0.0018)
HOO8-OA1 Du	04/13/05	1.83	ND(0.0033)	ND(0.0045)	ND(0.002)
CHI2-OA2	04/14/05	2.12	ND(0.0038)	ND(0.0052)	ND(0.0023)
CHI2-OA2 Dup	04/14/05	1.75	ND(0.0032)	ND(0.0043)	ND(0.0019)
Float-OA3	04/14/05	3.83	ND(0.0069)	ND(0.0094)	ND(0.0042)
HOO8-OA1	04/14/05	1.71	ND(0.0031)	ND(0.0042)	ND(0.0019)
CHI2-OA2	04/15/05	2.23	ND(0.004)	ND(0.0055)	ND(0.0025)
Float-OA3	04/15/05	2.12	ND(0.0038)	ND(0.0052)	ND(0.0023)
HOO8-OA1	04/15/05	2.30	ND(0.0041)	ND(0.0056)	ND(0.0025)
FLOAT-OA3	05/02/05	2.17	ND(0.0039)	0.011	ND(0.0024)
CHI2-OA2	05/03/05	2.23	ND(0.004)	ND(0.0055)	ND(0.0025)
FLOAT-OA3	05/03/05	2.23	ND(0.004)	ND(0.0055)	ND(0.0025)
HOO8-OA1	05/03/05	2.30	ND(0.0041)	ND(0.0056)	ND(0.0025)
CHI2-OA2 Dup	05/04/05	4.44	ND(0.008)	ND(0.011)	ND(0.0049)
FLOAT-OA3	05/04/05	3.50	ND(0.0063)	ND(0.0086)	ND(0.0039)
CHI2-OA2	05/11/05	2.12	ND(0.0038)	ND(0.0052)	ND(0.0023)
Float-OA3	05/11/05	2.17	ND(0.0039)	ND(0.0053)	ND(0.0024)
HOO1-OA1	05/11/05	2.17	ND(0.0039)	ND(0.0053)	ND(0.0024)

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Table 8b. Outdoor Air Sampling Analytical Results Summary Table, Solvents, Chevron Cincinnati Facility, Hooven, Ohio.

Outdoor Air Sample ID	Date	TO-15 Dilution Factor	Acetone (mg/m³)	2-Butanone (mg/m³)	Carbon tetrachloride (mg/m³)	Chlorobenzene (mg/m³)	1,1-Dichloroethane (mg/m³)	1,1-Dichloroethene (mg/m³)	cis-1,2-Dichloroethene (mg/m³)	trans-1,2-Dichloroethene (mg/m³)
CHI2-OA2	03/22/05	1.61	0.0061	ND(0.0024)	ND(0.001)	ND(0.00074)	ND(0.00065)	ND(0.00064)	ND(0.00064)	ND(0.0032)
Float-OA3	03/22/05	1.68	0.0044	ND(0.0025)	ND(0.001)	ND(0.00077)	ND(0.00068)	ND(0.00067)	ND(0.00067)	ND(0.0033)
HOO8-OA1	03/22/05	1.68	0.0086	ND(0.0025)	ND(0.001)	ND(0.00077)	ND(0.00068)	ND(0.00067)	ND(0.00067)	ND(0.0033)
CHI2-OA2	03/23/05	1.58	0.013	0.0025	ND(0.00099)	ND(0.00073)	ND(0.00064)	ND(0.00063)	ND(0.00063)	ND(0.0031)
Float-OA3	03/23/05	1.83	0.01	ND(0.0027)	ND(0.0012)	ND(0.00084)	ND(0.00074)	ND(0.00072)	ND(0.00072)	ND(0.0036)
HOO8-OA1	03/23/05	1.61	0.0081	0.0024	ND(0.001)	ND(0.00074)	ND(0.00065)	ND(0.00064)	ND(0.00064)	ND(0.0032)
CHI2-OA2	03/24/05	1.58	0.022	0.0057	ND(0.00099)	ND(0.00073)	ND(0.00064)	ND(0.00063)	ND(0.00063)	ND(0.0031)
Float-OA3	03/24/05	2.17	0.0075	ND(0.0032)	ND(0.0014)	ND(0.001)	ND(0.00088)	ND(0.00086)	ND(0.00086)	ND(0.0043)
HOO8-OA1	03/24/05	1.68	0.02	0.0053	ND(0.001)	ND(0.00077)	ND(0.00068)	ND(0.00067)	ND(0.00067)	ND(0.0033)
CHI2-OA2	03/25/05	1.91	0.011	ND(0.0028)	ND(0.0012)	ND(0.00088)	ND(0.00077)	ND(0.00076)	ND(0.00076)	ND(0.0038)
Float-OA3	03/25/05	1.91	0.017	0.0055	ND(0.0012)	ND(0.00088)	ND(0.00077)	ND(0.00076)	ND(0.00076)	ND(0.0038)
HOO8-OA1	03/25/05	1.55	0.0066	ND(0.0023)	ND(0.00098)	ND(0.00071)	ND(0.00063)	ND(0.00061)	ND(0.00061)	ND(0.0031)
CHI2-OA2	03/26/05	1.68	0.033	0.0088	ND(0.001)	ND(0.00077)	ND(0.00068)	ND(0.00067)	ND(0.00067)	ND(0.0033)
Float-OA3	03/26/05	1.71	0.0075 J	ND(0.0025)	ND(0.0011)	ND(0.00079)	ND(0.00069)	ND(0.00068)	ND(0.00068)	ND(0.0034)
HOO8-OA1	03/26/05	1.68	0.0048	ND(0.0025)	ND(0.001)	ND(0.00077)	ND(0.00068)	ND(0.00067)	ND(0.00067)	ND(0.0033)
CHI2-OA2	03/28/05	1.87	0.014	0.003	ND(0.0012)	ND(0.00086)	ND(0.00076)	ND(0.00074)	ND(0.00074)	ND(0.0037)
Float-OA3	03/28/05	2.01	0.01	ND(0.003)	ND(0.0013)	ND(0.00092)	ND(0.00081)	ND(0.0008)	ND(0.0008)	ND(0.004)
HOO8-OA1	03/28/05	1.79	0.0048	ND(0.0026)	ND(0.0011)	ND(0.00082)	ND(0.00072)	ND(0.00071)	ND(0.00071)	ND(0.0035)
CHI2-OA2	03/29/05	1.68	0.0088	ND(0.0025)	0.001 J	ND(0.00077)	ND(0.00068)	ND(0.00067)	ND(0.00067)	ND(0.0033)
Float-OA3	03/29/05	2.30	0.024	ND(0.0034)	0.0014 J	ND(0.001)	ND(0.00093)	ND(0.00091)	ND(0.00091)	ND(0.0046)
HOO8-OA1	03/29/05	1.75	0.024	0.0034	0.0011 J	ND(0.0008)	ND(0.00071)	ND(0.00069)	ND(0.00069)	ND(0.0035)
CHI2-OA2	03/30/05	1.79	0.0082	ND(0.0026)	ND(0.0011)	ND(0.00082)	ND(0.00072)	ND(0.00071)	ND(0.00071)	ND(0.0035)
Float-OA3	03/30/05	1.79	0.0081	ND(0.0026)	ND(0.0011)	ND(0.00082)	ND(0.00072)	ND(0.00071)	ND(0.00071)	ND(0.0035)
HOO8-OA1	03/30/05	1.79	0.03	0.0067	0.0011 J	ND(0.00082)	ND(0.00072)	ND(0.00071)	ND(0.00071)	ND(0.0035)
HOO8-OA1 Dup	03/30/05	1.41	0.008	ND(0.0021)	0.00089 J	ND(0.00065)	ND(0.00057)	ND(0.00056)	ND(0.00056)	ND(0.0028)
HOO8-OA1	03/31/05	1.68	0.0079	ND(0.0025)	0.001 J	ND(0.00077)	ND(0.00068)	ND(0.00067)	ND(0.00067)	ND(0.0033)
CHI2-OA2	04/01/05	1.68	0.0047	ND(0.0025)	0.001 J	ND(0.00077)	ND(0.00068)	ND(0.00067)	ND(0.00067)	ND(0.0033)
HOO8-OA1	04/01/05	1.83	0.012	0.0034	0.0012 J	ND(0.00084)	ND(0.00074)	ND(0.00072)	ND(0.00072)	ND(0.0036)
CHI2-OA2	04/02/05	2.36	0.0065	0.0037	ND(0.0015)	ND(0.0011)	ND(0.00096)	ND(0.00094)	ND(0.00094)	ND(0.0047)
Float-OA3	04/02/05	2.51	0.011	ND(0.0037)	ND(0.0016)	ND(0.0012)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.005)
HOO8-OA1	04/02/05	2.06	0.0048	ND(0.003)	ND(0.0013)	ND(0.00095)	ND(0.00083)	ND(0.00082)	ND(0.00082)	ND(0.0041)
CHI2-OA2	04/04/05	1.79	0.011	ND(0.0026)	ND(0.0011)	ND(0.00082)	ND(0.00072)	ND(0.00071)	ND(0.00071)	ND(0.0035)
CHI2-OA2 Dup	04/04/05	1.79	0.0093	ND(0.0026)	ND(0.0011)	ND(0.00082)	ND(0.00072)	ND(0.00071)	ND(0.00071)	ND(0.0035)
Float-OA3	04/04/05	2.44	0.025	0.0045	ND(0.0015)	ND(0.0011)	ND(0.00099)	ND(0.00097)	ND(0.00097)	ND(0.0048)
HOO8-OA1	04/04/05	2.01	0.01	ND(0.003)	ND(0.0013)	ND(0.00092)	ND(0.00081)	ND(0.0008)	ND(0.0008)	ND(0.004)
CHI2-OA2	04/05/05	1.79	0.0071	ND(0.0026)	ND(0.0011)	ND(0.00082)	ND(0.00072)	ND(0.00071)	ND(0.00071)	ND(0.0035)
Float-OA3	04/05/05	5.03	0.011	ND(0.0074)	0.0032 J	ND(0.0023)	ND(0.002)	ND(0.002)	ND(0.002)	ND(0.01)
HOO8-OA1	04/05/05	1.83	0.0077	ND(0.0027)	ND(0.0012)	ND(0.00084)	ND(0.00074)	ND(0.00072)	ND(0.00072)	ND(0.0036)

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Table 8b. Outdoor Air Sampling Analytical Results Summary Table, Solvents, Chevron Cincinnati Facility, Hooven, Ohio.

Outdoor Air Sample ID	Date	TO-15 Dilution Factor	Acetone (mg/m³)	2-Butanone (mg/m³)	Carbon tetrachloride (mg/m³)	Chlorobenzene (mg/m³)	1,1-Dichloroethane (mg/m³)	1,1-Dichloroethene (mg/m³)	cis-1,2-Dichloroethene (mg/m³)	trans-1,2-Dichloroethene (mg/m³)
CHI2-OA2	04/06/05	1.58	0.012	0.0045	ND(0.00099)	ND(0.00073)	ND(0.00064)	ND(0.00063)	ND(0.00063)	ND(0.0031)
Float-OA3	04/06/05	1.91	0.012	0.0034	ND(0.0012)	ND(0.00088)	ND(0.00077)	ND(0.00076)	ND(0.00076)	ND(0.0038)
HOO8-OA1	04/06/05	1.64	0.014	0.0025	ND(0.001)	ND(0.00076)	ND(0.00066)	ND(0.00065)	ND(0.00065)	ND(0.0032)
CHI2-OA2	04/07/05	1.71	0.0092	0.0031	ND(0.0011)	ND(0.00079)	ND(0.00069)	ND(0.00068)	ND(0.00068)	ND(0.0034)
Float-OA3	04/07/05	1.79	0.016	0.0047	ND(0.0011)	ND(0.00082)	ND(0.00072)	ND(0.00071)	ND(0.00071)	ND(0.0035)
HOO8-OA1	04/07/05	2.06	0.0087	0.0034	ND(0.0013)	ND(0.00095)	ND(0.00083)	ND(0.00082)	ND(0.00082)	ND(0.0041)
CHI2-OA2	04/08/05	1.75	0.026	0.0064	ND(0.0011)	ND(0.0008)	ND(0.00071)	ND(0.00069)	ND(0.00069)	ND(0.0035)
Float-OA3	04/08/05	2.12	0.0076	ND(0.0031)	ND(0.0013)	ND(0.00098)	ND(0.00086)	ND(0.00084)	ND(0.00084)	ND(0.0042)
HOO8-OA1	04/08/05	1.75	0.013	0.0037	ND(0.0011)	ND(0.0008)	ND(0.00071)	ND(0.00069)	ND(0.00069)	ND(0.0035)
CHI2-OA2	04/09/05	2.01	0.0086	ND(0.003)	ND(0.0013)	ND(0.00092)	ND(0.00081)	ND(0.0008)	ND(0.0008)	ND(0.004)
Float-OA3	04/09/05	2.06	0.015	ND(0.003)	ND(0.0013)	ND(0.00095)	ND(0.00083)	ND(0.00082)	ND(0.00082)	ND(0.0041)
Float-OA3 Dup	04/09/05	1.96	0.0057	ND(0.0029)	ND(0.0012)	ND(0.0009)	ND(0.00079)	ND(0.00078)	ND(0.00078)	ND(0.0039)
HOO8-OA1	04/09/05	2.06	0.012	ND(0.003)	ND(0.0013)	ND(0.00095)	ND(0.00083)	ND(0.00082)	ND(0.00082)	ND(0.0041)
CHI2-OA2	04/11/05	1.79	0.0085	ND(0.0026)	ND(0.0011)	ND(0.00082)	ND(0.00072)	ND(0.00071)	ND(0.00071)	ND(0.0035)
Float-OA3	04/11/05	2.36	0.027	0.0051	ND(0.0015)	ND(0.0011)	ND(0.00096)	ND(0.00094)	ND(0.00094)	ND(0.0047)
HOO8-OA1	04/11/05	2.06	0.012	ND(0.003)	ND(0.0013)	ND(0.00095)	ND(0.00083)	ND(0.00082)	ND(0.00082)	ND(0.0041)
CHI2-OA2	04/12/05	1.68	0.014	0.0041	ND(0.001)	ND(0.00077)	ND(0.00068)	ND(0.00067)	ND(0.00067)	ND(0.0033)
Float-OA3	04/12/05	2.23	0.0088	ND(0.0033)	ND(0.0014)	ND(0.001)	ND(0.0009)	ND(0.00088)	ND(0.00088)	ND(0.0044)
CHI2-OA2	04/13/05	1.75	0.0084	0.0029	ND(0.0011)	ND(0.0008)	ND(0.00071)	ND(0.00069)	ND(0.00069)	ND(0.0035)
Float-OA3	04/13/05	2.01	0.011	0.0038	ND(0.0013)	ND(0.00092)	ND(0.00081)	ND(0.0008)	ND(0.0008)	ND(0.004)
HOO8-OA1	04/13/05	1.68	0.016	0.0038	ND(0.001)	ND(0.00077)	ND(0.00068)	ND(0.00067)	ND(0.00067)	ND(0.0033)
HOO8-OA1 Dup	04/13/05	1.83	0.041	0.0075	ND(0.0012)	ND(0.00084)	ND(0.00074)	ND(0.00072)	ND(0.00072)	ND(0.0036)
CHI2-OA2	04/14/05	2.12	0.0063	ND(0.0031)	ND(0.0013)	ND(0.00098)	ND(0.00086)	ND(0.00084)	ND(0.00084)	ND(0.0042)
CHI2-OA2 Dup	04/14/05	1.75	0.011	ND(0.0026)	ND(0.0011)	ND(0.0008)	ND(0.00071)	ND(0.00069)	ND(0.00069)	ND(0.0035)
Float-OA3	04/14/05	3.83	0.015	ND(0.0056)	ND(0.0024)	ND(0.0018)	ND(0.0016)	ND(0.0015)	ND(0.0015)	ND(0.0076)
HOO8-OA1	04/14/05	1.71	0.0047	ND(0.0025)	ND(0.0011)	ND(0.00079)	ND(0.00069)	ND(0.00068)	ND(0.00068)	ND(0.0034)
CHI2-OA2	04/15/05	2.23	0.026	0.0049	ND(0.0014)	ND(0.001)	ND(0.0009)	ND(0.00088)	ND(0.00088)	ND(0.0044)
Float-OA3	04/15/05	2.12	0.015	ND(0.0031)	ND(0.0013)	ND(0.00098)	ND(0.00086)	ND(0.00084)	ND(0.00084)	ND(0.0042)
HOO8-OA1	04/15/05	2.30	0.0067	ND(0.0034)	ND(0.0014)	ND(0.001)	ND(0.00093)	ND(0.00091)	ND(0.00091)	ND(0.0046)
FLOAT-OA3	05/02/05	2.17	0.0043	ND(0.0032)	ND(0.0014)	ND(0.001)	ND(0.00088)	ND(0.00086)	ND(0.00086)	ND(0.0043)
CHI2-OA2	05/03/05	2.23	0.0058	ND(0.0033)	ND(0.0014)	ND(0.001)	ND(0.0009)	ND(0.00088)	ND(0.00088)	ND(0.0044)
FLOAT-OA3	05/03/05	2.23	0.0056	ND(0.0033)	ND(0.0014)	ND(0.001)	ND(0.0009)	ND(0.00088)	ND(0.00088)	ND(0.0044)
HOO8-OA1	05/03/05	2.30	0.0049	ND(0.0034)	ND(0.0014)	ND(0.001)	ND(0.00093)	ND(0.00091)	ND(0.00091)	ND(0.0046)
CHI2-OA2 Dup	05/04/05	4.44	0.006	ND(0.0065)	ND(0.0028)	ND(0.002)	ND(0.0018)	ND(0.0018)	ND(0.0018)	ND(0.0088)
FLOAT-OA3	05/04/05	3.50	0.0062	ND(0.0052)	ND(0.0022)	ND(0.0016)	ND(0.0014)	ND(0.0014)	ND(0.0014)	ND(0.0069)
CHI2-OA2	05/11/05	2.12	0.015	ND(0.0031)	ND(0.0013)	ND(0.00098)	ND(0.00086)	ND(0.00084)	ND(0.00084)	ND(0.0042)
Float-OA3	05/11/05	2.17	0.03	ND(0.0032)	ND(0.0014)	ND(0.001)	ND(0.00088)	ND(0.00086)	ND(0.00086)	ND(0.0043)
HOO1-OA1	05/11/05	2.17	0.013	ND(0.0032)	ND(0.0014)	ND(0.001)	ND(0.00088)	ND(0.00086)	ND(0.00086)	ND(0.0043)

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Table 8b. Outdoor Air Sampling Analytical Results Summary Table, Solvents, Chevron Cincinnati Facility, Hooven, Ohio.

Outdoor Air Sample ID	Date	TO-15 Dilution Factor	1,4-Dioxane (mg/m³)	Hexachlorobutadiene (mg/m³)	2-Hexanone (mg/m³)	Isopropanol (mg/m³)	4-Methyl-2-Pentanone (mg/m³)	Methylene Chloride (mg/m³)	1,1,2,2-Tetrachloroethane (mg/m³)	Tetrachloroethene (mg/m³)
CHI2-OA2	03/22/05	1.61	ND(0.0029)	ND(0.0086)	ND(0.0033)	ND(0.002)J	ND(0.0033)	ND(0.0011)	ND(0.0011)	ND(0.0011)
Float-OA3	03/22/05	1.68	ND(0.003)	ND(0.009)	ND(0.0034)	ND(0.0021)J	ND(0.0034)	ND(0.0012)	ND(0.0012)	ND(0.0011)
HOO8-OA1	03/22/05	1.68	ND(0.003)	ND(0.009)	ND(0.0034)	ND(0.0021)J	ND(0.0034)	ND(0.0012)	ND(0.0012)	ND(0.0011)
CHI2-OA2	03/23/05	1.58	ND(0.0028)	ND(0.0084)	ND(0.0032)	ND(0.0019)	ND(0.0032)	0.0012	ND(0.0011)	ND(0.0011)
Float-OA3	03/23/05	1.83	ND(0.0033)	ND(0.0098)	ND(0.0037)	ND(0.0022)	ND(0.0037)	ND(0.0013)	ND(0.0012)	ND(0.0012)
HOO8-OA1	03/23/05	1.61	ND(0.0029)	ND(0.0086)	ND(0.0033)	ND(0.002)	ND(0.0033)	ND(0.0011)	ND(0.0011)	ND(0.0011)
CHI2-OA2	03/24/05	1.58	ND(0.0028)	ND(0.0084)	ND(0.0032)	ND(0.0019)	ND(0.0032)	ND(0.0011)	ND(0.0011)	ND(0.0011)
Float-OA3	03/24/05	2.17	ND(0.0039)	ND(0.012)	ND(0.0044)	ND(0.0027)	ND(0.0044)	ND(0.0015)	ND(0.0015)	ND(0.0015)
HOO8-OA1	03/24/05	1.68	ND(0.003)	ND(0.009)	ND(0.0034)	ND(0.0021)	ND(0.0034)	ND(0.0012)	ND(0.0012)	ND(0.0011)
CHI2-OA2	03/25/05	1.91	ND(0.0034)	ND(0.01)	ND(0.0039)	ND(0.0023)	ND(0.0039)	ND(0.0013)	ND(0.0013)	ND(0.0013)
Float-OA3	03/25/05	1.91	ND(0.0034)	ND(0.01)	ND(0.0039)	ND(0.0023)	ND(0.0039)	ND(0.0013)	ND(0.0013)	ND(0.0013)
HOO8-OA1	03/25/05	1.55	ND(0.0028)	ND(0.0083)	ND(0.0032)	ND(0.0019)	ND(0.0032)	ND(0.0011)	ND(0.0011)	ND(0.001)
CHI2-OA2	03/26/05	1.68	ND(0.003)	ND(0.009)	ND(0.0034)	ND(0.0021)	ND(0.0034)	ND(0.0012)	ND(0.0012)	0.0014
Float-OA3	03/26/05	1.71	ND(0.0031)	ND(0.0091)	ND(0.0035)	ND(0.0021)	ND(0.0035)	ND(0.0012)	ND(0.0012)	ND(0.0012)
HOO8-OA1	03/26/05	1.68	ND(0.003)	ND(0.009)	ND(0.0034)	ND(0.0021)	ND(0.0034)	ND(0.0012)	ND(0.0012)	ND(0.0011)
CHI2-OA2	03/28/05	1.87	ND(0.0034)	ND(0.01)	ND(0.0038)	ND(0.0023)	ND(0.0038)	ND(0.0013)	ND(0.0013)	ND(0.0013)
Float-OA3	03/28/05	2.01	ND(0.0036)	ND(0.011)	ND(0.0041)	ND(0.0025)	ND(0.0041)	ND(0.0014)	ND(0.0014)	ND(0.0014)
HOO8-OA1	03/28/05	1.79	ND(0.0032)	ND(0.0095)	ND(0.0037)	ND(0.0022)	ND(0.0037)	ND(0.0012)	ND(0.0012)	ND(0.0012)
CHI2-OA2	03/29/05	1.68	ND(0.003)	ND(0.009)	ND(0.0034)	ND(0.0021)	ND(0.0034)	ND(0.0012)	ND(0.0012)	ND(0.0011)
Float-OA3	03/29/05	2.30	ND(0.0041)	ND(0.012)	ND(0.0047)	ND(0.0028)	ND(0.0047)	ND(0.0016)	ND(0.0016)	ND(0.0016)
HOO8-OA1	03/29/05	1.75	ND(0.0032)	ND(0.0093)	ND(0.0036)	ND(0.0022)	ND(0.0036)	ND(0.0012)	ND(0.0012)	ND(0.0012)
CHI2-OA2	03/30/05	1.79	ND(0.0032)	ND(0.0095)	ND(0.0037)	ND(0.0022)	ND(0.0037)	ND(0.0012)	ND(0.0012)	0.0032
Float-OA3	03/30/05	1.79	ND(0.0032)	ND(0.0095)	ND(0.0037)	ND(0.0022)	ND(0.0037)	ND(0.0012)	ND(0.0012)	ND(0.0012)
HOO8-OA1	03/30/05	1.79	ND(0.0032)	ND(0.0095)	ND(0.0037)	ND(0.0022)	ND(0.0037)	ND(0.0012)	ND(0.0012)	ND(0.0012)
HOO8-OA1 Dup	03/30/05	1.41	ND(0.0025)	ND(0.0075)	ND(0.0029)	ND(0.0017)	ND(0.0029)	ND(0.00098)	ND(0.00097)	ND(0.00096)
HOO8-OA1	03/31/05	1.68	ND(0.003)	ND(0.009)	ND(0.0034)	ND(0.0021)	ND(0.0034)	ND(0.0012)	ND(0.0012)	ND(0.0011)
CHI2-OA2	04/01/05	1.68	ND(0.003)	ND(0.009)	ND(0.0034)	ND(0.0021)	ND(0.0034)	ND(0.0012)	ND(0.0012)	0.0012
HOO8-OA1	04/01/05	1.83	ND(0.0033)	ND(0.0098)	ND(0.0037)	ND(0.0022)	ND(0.0037)	ND(0.0013)	ND(0.0012)	ND(0.0012)
CHI2-OA2	04/02/05	2.36	ND(0.0042)	ND(0.012)	ND(0.0048)	ND(0.0029)	ND(0.0048)	ND(0.0016)	ND(0.0016)	ND(0.0016)
Float-OA3	04/02/05	2.51	ND(0.0045)	ND(0.013)	ND(0.0051)	ND(0.0031)	ND(0.0051)	ND(0.0017)	ND(0.0017)	ND(0.0017)
HOO8-OA1	04/02/05	2.06	ND(0.0037)	ND(0.011)	ND(0.0042)	ND(0.0025)	ND(0.0042)	ND(0.0014)	ND(0.0014)	ND(0.0014)
CHI2-OA2	04/04/05	1.79	ND(0.0032)	ND(0.0095)	ND(0.0037)	ND(0.0022)	ND(0.0037)	ND(0.0012)	ND(0.0012)	ND(0.0012)
CHI2-OA2 Dup	04/04/05	1.79	ND(0.0032)	ND(0.0095)	ND(0.0037)	ND(0.0022)	ND(0.0037)	ND(0.0012)	ND(0.0012)	ND(0.0012)
Float-OA3	04/04/05	2.44	ND(0.0044)	ND(0.013)	ND(0.005)	ND(0.003)	ND(0.005)	ND(0.0017)	ND(0.0017)	ND(0.0016)
HOO8-OA1	04/04/05	2.01	ND(0.0036)	ND(0.011)	ND(0.0041)	ND(0.0025)	ND(0.0041)	ND(0.0014)	ND(0.0014)	ND(0.0014)
CHI2-OA2	04/05/05	1.79	ND(0.0032)	ND(0.0095)	ND(0.0037)	ND(0.0022)	ND(0.0037)	ND(0.0012)	ND(0.0012)	ND(0.0012)
Float-OA3	04/05/05	5.03	ND(0.0091)	ND(0.027)	ND(0.01)	ND(0.0062)	ND(0.01)	ND(0.0035)	ND(0.0034)	ND(0.0034)
HOO8-OA1	04/05/05	1.83	ND(0.0033)	ND(0.0098)	ND(0.0037)	ND(0.0022)	ND(0.0037)	ND(0.0013)	ND(0.0012)	ND(0.0012)

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Table 8b. Outdoor Air Sampling Analytical Results Summary Table, Solvents, Chevron Cincinnati Facility, Hooven, Ohio.

Outdoor Air Sample ID	Date	TO-15 Dilution Factor	1,4-Dioxane (mg/m³)	Hexachlorobutadiene (mg/m³)	2-Hexanone (mg/m³)	Isopropanol (mg/m³)	4-Methyl-2-Pentanone (mg/m³)	Methylene Chloride (mg/m³)	1,1,2,2-Tetrachloroethane (mg/m³)	Tetrachloroethene (mg/m³)
CHI2-OA2	04/06/05	1.58	ND(0.0028)	ND(0.0084)J	ND(0.0032)	ND(0.0019)	ND(0.0032)	ND(0.0011)	ND(0.0011)	ND(0.0011)
Float-OA3	04/06/05	1.91	ND(0.0034)	ND(0.01)J	ND(0.0039)	ND(0.0023)	ND(0.0039)	0.0028	ND(0.0013)	ND(0.0013)
HOO8-OA1	04/06/05	1.64	ND(0.003)	ND(0.0087)J	ND(0.0034)	ND(0.002)	ND(0.0034)	ND(0.0011)	ND(0.0011)	ND(0.0011)
CHI2-OA2	04/07/05	1.71	ND(0.0031)	ND(0.0091)J	ND(0.0035)	ND(0.0021)	ND(0.0035)	ND(0.0012)	ND(0.0012)	ND(0.0012)
Float-OA3	04/07/05	1.79	ND(0.0032)	ND(0.0095)J	ND(0.0037)	ND(0.0022)	ND(0.0037)	0.0014	ND(0.0012)	ND(0.0012)
HOO8-OA1	04/07/05	2.06	ND(0.0037)	ND(0.011)J	ND(0.0042)	ND(0.0025)	ND(0.0042)	ND(0.0014)	ND(0.0014)	ND(0.0014)
CHI2-OA2	04/08/05	1.75	ND(0.0032)	ND(0.0093)J	ND(0.0036)	ND(0.0022)	ND(0.0036)	ND(0.0012)	ND(0.0012)	ND(0.0012)
Float-OA3	04/08/05	2.12	ND(0.0038)	ND(0.011)J	ND(0.0043)	ND(0.0026)	ND(0.0043)	ND(0.0015)	ND(0.0014)	ND(0.0014)
HOO8-OA1	04/08/05	1.75	ND(0.0032)	ND(0.0093)J	ND(0.0036)	ND(0.0022)	ND(0.0036)	ND(0.0012)	ND(0.0012)	ND(0.0012)
CHI2-OA2	04/09/05	2.01	ND(0.0036)	ND(0.011)J	ND(0.0041)	ND(0.0025)	ND(0.0041)	ND(0.0014)	ND(0.0014)	ND(0.0014)
Float-OA3	04/09/05	2.06	ND(0.0037)	ND(0.011)J	ND(0.0042)	ND(0.0025)	ND(0.0042)	ND(0.0014)	ND(0.0014)	ND(0.0014)
Float-OA3 Dup	04/09/05	1.96	ND(0.0035)	ND(0.01)J	ND(0.004)	ND(0.0024)	ND(0.004)	ND(0.0014)	ND(0.0013)	ND(0.0013)
HOO8-OA1	04/09/05	2.06	ND(0.0037)	ND(0.011)J	ND(0.0042)	ND(0.0025)	ND(0.0042)	ND(0.0014)	ND(0.0014)	ND(0.0014)
CHI2-OA2	04/11/05	1.79	ND(0.0032)	ND(0.0095)J	ND(0.0037)	ND(0.0022)	ND(0.0037)	ND(0.0012)	ND(0.0012)	ND(0.0012)
Float-OA3	04/11/05	2.36	ND(0.0042)	ND(0.012)J	ND(0.0048)	ND(0.0029)	ND(0.0048)	ND(0.0016)	ND(0.0016)	ND(0.0016)
HOO8-OA1	04/11/05	2.06	ND(0.0037)	ND(0.011)J	ND(0.0042)	ND(0.0025)	ND(0.0042)	ND(0.0014)	ND(0.0014)	ND(0.0014)
CHI2-OA2	04/12/05	1.68	ND(0.003)	ND(0.009)J	ND(0.0034)	ND(0.0021)	ND(0.0034)	ND(0.0012)	ND(0.0012)	0.0011 J
Float-OA3	04/12/05	2.23	ND(0.004)	ND(0.012)J	ND(0.0046)	ND(0.0027)	ND(0.0046)	ND(0.0015)	ND(0.0015)	0.0068
CHI2-OA2	04/13/05	1.75	ND(0.0032)	ND(0.0093)	ND(0.0036)	ND(0.0022)	ND(0.0036)	ND(0.0012)	ND(0.0012)	ND(0.0012)
Float-OA3	04/13/05	2.01	ND(0.0036)	ND(0.011)	ND(0.0041)	ND(0.0025)	ND(0.0041)	ND(0.0014)	ND(0.0014)	ND(0.0014)
HOO8-OA1	04/13/05	1.68	ND(0.003)	ND(0.009)J	ND(0.0034)	ND(0.0021)	ND(0.0034)	ND(0.0012)	ND(0.0012)	ND(0.0011)
HOO8-OA1 Dup	04/13/05	1.83	ND(0.0033)	ND(0.0098)J	ND(0.0037)	0.0036	ND(0.0037)	ND(0.0013)	ND(0.0012)	ND(0.0012)
CHI2-OA2	04/14/05	2.12	ND(0.0038)	ND(0.011)	ND(0.0043)	ND(0.0026)	ND(0.0043)	ND(0.0015)	ND(0.0014)	ND(0.0014)
CHI2-OA2 Dup	04/14/05	1.75	ND(0.0032)	ND(0.0093)	ND(0.0036)	ND(0.0022)	ND(0.0036)	ND(0.0012)	ND(0.0012)	ND(0.0012)
Float-OA3	04/14/05	3.83	ND(0.0069)	ND(0.02)	ND(0.0078)	ND(0.0047)	ND(0.0078)	ND(0.0027)	ND(0.0026)	0.0037
HOO8-OA1	04/14/05	1.71	ND(0.0031)	ND(0.0091)	ND(0.0035)	ND(0.0021)	ND(0.0035)	ND(0.0012)	ND(0.0012)	ND(0.0012)
CHI2-OA2	04/15/05	2.23	ND(0.004)	ND(0.012)	ND(0.0046)	ND(0.0027)	ND(0.0046)	ND(0.0015)	ND(0.0015)	ND(0.0015)
Float-OA3	04/15/05	2.12	ND(0.0038)	ND(0.011)	ND(0.0043)	ND(0.0026)	ND(0.0043)	ND(0.0015)	ND(0.0014)	ND(0.0014)
HOO8-OA1	04/15/05	2.30	ND(0.0041)	ND(0.012)	ND(0.0047)	ND(0.0028)	ND(0.0047)	ND(0.0016)	ND(0.0016)	ND(0.0016)
FLOAT-OA3	05/02/05	2.17	ND(0.0039)	ND(0.012)J	ND(0.0044)	ND(0.0027)	ND(0.0044)	ND(0.0015)	ND(0.0015)	ND(0.0015)
CHI2-OA2	05/03/05	2.23	ND(0.004)	ND(0.012)J	ND(0.0046)	ND(0.0027)	ND(0.0046)	ND(0.0015)	ND(0.0015)	ND(0.0015)
FLOAT-OA3	05/03/05	2.23	ND(0.004)	ND(0.012)J	ND(0.0046)	ND(0.0027)	ND(0.0046)	ND(0.0015)	ND(0.0015)	ND(0.0015)
HOO8-OA1	05/03/05	2.30	ND(0.0041)	ND(0.012)J	ND(0.0047)	ND(0.0028)	ND(0.0047)	ND(0.0016)	ND(0.0016)	ND(0.0016)
CHI2-OA2 Dup	05/04/05	4.44	ND(0.008)	ND(0.024)J	ND(0.0091)	ND(0.0054)	ND(0.0091)	ND(0.0031)	ND(0.003)	ND(0.003)
FLOAT-OA3	05/04/05	3.50	ND(0.0063)	ND(0.019)J	ND(0.0072)	ND(0.0043)	ND(0.0072)	ND(0.0024)	ND(0.0024)	ND(0.0024)
CHI2-OA2	05/11/05	2.12	ND(0.0038)	ND(0.011)	ND(0.0043)	ND(0.0026)	ND(0.0043)	ND(0.0015)	ND(0.0014)	ND(0.0014)
Float-OA3	05/11/05	2.17	ND(0.0039)	ND(0.012)	ND(0.0044)	ND(0.0027)	ND(0.0044)	0.0043	ND(0.0015)	ND(0.0015)
HOO1-OA1	05/11/05	2.17	ND(0.0039)	ND(0.012)	ND(0.0044)	ND(0.0027)	ND(0.0044)	ND(0.0015)	ND(0.0015)	ND(0.0015)

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Table 8b. Outdoor Air Sampling Analytical Results Summary Table, Solvents, Chevron Cincinnati Facility, Hooven, Ohio.

Outdoor Air Sample ID	Date	TO-15 Dilution Factor	Tetrahydrofuran (mg/m³)	1,1,1-Trichloroethane (mg/m³)	1,1,2-Trichloroethane (mg/m³)	Trichloroethene (mg/m³)	Vinyl Chloride (mg/m³)
CHI2-OA2	03/22/05	1.61	ND(0.0024)	ND(0.00088)	ND(0.00088)	ND(0.00086)	ND(0.00041)
Float-OA3	03/22/05	1.68	ND(0.0025)	ND(0.00092)	ND(0.00092)	ND(0.0009)	ND(0.00043)
HOO8-OA1	03/22/05	1.68	ND(0.0025)	ND(0.00092)	ND(0.00092)	ND(0.0009)	ND(0.00043)
CHI2-OA2	03/23/05	1.58	ND(0.0023)	ND(0.00086)	ND(0.00086)	ND(0.00085)	ND(0.0004)
Float-OA3	03/23/05	1.83	ND(0.0027)	ND(0.001)	ND(0.001)	ND(0.00098)	ND(0.00047)
HOO8-OA1	03/23/05	1.61	ND(0.0024)	ND(0.00088)	ND(0.00088)	ND(0.00086)	ND(0.00041)
CHI2-OA2	03/24/05	1.58	ND(0.0023)	ND(0.00086)	ND(0.00086)	ND(0.00085)	ND(0.0004)
Float-OA3	03/24/05	2.17	ND(0.0032)	ND(0.0012)	ND(0.0012)	ND(0.0012)	ND(0.00055)
HOO8-OA1	03/24/05	1.68	ND(0.0025)	ND(0.00092)	ND(0.00092)	ND(0.0009)	ND(0.00043)
CHI2-OA2	03/25/05	1.91	ND(0.011)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.00049)
Float-OA3	03/25/05	1.91	ND(0.0028)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.00049)
HOO8-OA1	03/25/05	1.55	ND(0.0091)	ND(0.00084)	ND(0.00084)	ND(0.00083)	ND(0.0004)
CHI2-OA2	03/26/05	1.68	ND(0.0099)	ND(0.00092)	ND(0.00092)	ND(0.0009)	ND(0.00043)
Float-OA3	03/26/05	1.71	ND(0.01)	ND(0.00093)	ND(0.00093)	ND(0.00092)	ND(0.00044)
HOO8-OA1	03/26/05	1.68	ND(0.0099)	ND(0.00092)	ND(0.00092)	ND(0.0009)	ND(0.00043)
CHI2-OA2	03/28/05	1.87	ND(0.011)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.00048)
Float-OA3	03/28/05	2.01	ND(0.012)	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.00051)
HOO8-OA1	03/28/05	1.79	ND(0.01)	ND(0.00098)	ND(0.00098)	ND(0.00096)	ND(0.00046)
CHI2-OA2	03/29/05	1.68	ND(0.0099)	ND(0.00092)	ND(0.00092)	ND(0.0009)	ND(0.00043)
Float-OA3	03/29/05	2.30	ND(0.014)	ND(0.0012)	ND(0.0012)	ND(0.0012)	ND(0.00059)
HOO8-OA1	03/29/05	1.75	ND(0.01)	ND(0.00095)	ND(0.00095)	ND(0.00094)	ND(0.00045)
CHI2-OA2	03/30/05	1.79	ND(0.01)	ND(0.00098)	ND(0.00098)	ND(0.00096)	ND(0.00046)
Float-OA3	03/30/05	1.79	ND(0.01)	ND(0.00098)	ND(0.00098)	ND(0.00096)	ND(0.00046)
HOO8-OA1	03/30/05	1.79	ND(0.01)	ND(0.00098)	ND(0.00098)	ND(0.00096)	ND(0.00046)
HOO8-OA1 Dup	03/30/05	1.41	ND(0.0083)	ND(0.00077)	ND(0.00077)	ND(0.00076)	ND(0.00036)
HOO8-OA1	03/31/05	1.68	ND(0.0099)	ND(0.00092)	ND(0.00092)	ND(0.0009)	ND(0.00043)
CHI2-OA2	04/01/05	1.68	ND(0.0099)	ND(0.00092)	ND(0.00092)	ND(0.0009)	ND(0.00043)
HOO8-OA1	04/01/05	1.83	ND(0.011)	ND(0.001)	ND(0.001)	ND(0.00098)	ND(0.00047)
CHI2-OA2	04/02/05	2.36	ND(0.014)	ND(0.0013)	ND(0.0013)	ND(0.0013)	ND(0.0006)
Float-OA3	04/02/05	2.51	ND(0.015)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.00064)
HOO8-OA1	04/02/05	2.06	ND(0.012)	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.00053)
CHI2-OA2	04/04/05	1.79	ND(0.01)	ND(0.00098)	ND(0.00098)	ND(0.00096)	ND(0.00046)
CHI2-OA2 Dup	04/04/05	1.79	ND(0.01)	ND(0.00098)	ND(0.00098)	ND(0.00096)	ND(0.00046)
Float-OA3	04/04/05	2.44	ND(0.014)	ND(0.0013)	ND(0.0013)	ND(0.0013)	ND(0.00062)
HOO8-OA1	04/04/05	2.01	ND(0.012)	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.00051)
CHI2-OA2	04/05/05	1.79	ND(0.01)	ND(0.00098)	ND(0.00098)	ND(0.00096)	ND(0.00046)
Float-OA3	04/05/05	5.03	ND(0.03)	ND(0.0027)	ND(0.0027)	ND(0.0027)	ND(0.0013)
HOO8-OA1	04/05/05	1.83	ND(0.011)	ND(0.001)	ND(0.001)	ND(0.00098)	ND(0.00047)

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Table 8b. Outdoor Air Sampling Analytical Results Summary Table, Solvents, Chevron Cincinnati Facility, Hooven, Ohio.

Outdoor Air Sample ID	Date	TO-15 Dilution Factor	Tetrahydrofuran (mg/m³)	1,1,1-Trichloroethane (mg/m³)	1,1,2-Trichloroethane (mg/m³)	Trichloroethene (mg/m³)	Vinyl Chloride (mg/m³)
CHI2-OA2	04/06/05	1.58	ND(0.0093)	ND(0.00086)	ND(0.00086)	ND(0.00085)	ND(0.0004)
Float-OA3	04/06/05	1.91	ND(0.011)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.00049)
HOO8-OA1	04/06/05	1.64	ND(0.0097)	ND(0.00089)	ND(0.00089)	ND(0.00088)	ND(0.00042)
CHI2-OA2	04/07/05	1.71	ND(0.01)	ND(0.00093)	ND(0.00093)	ND(0.00092)	ND(0.00044)
Float-OA3	04/07/05	1.79	ND(0.01)	ND(0.00098)	ND(0.00098)	ND(0.00096)	ND(0.00046)
HOO8-OA1	04/07/05	2.06	ND(0.012)	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.00053)
CHI2-OA2	04/08/05	1.75	ND(0.01)	ND(0.00095)	ND(0.00095)	ND(0.00094)	ND(0.00045)
Float-OA3	04/08/05	2.12	ND(0.012)	ND(0.0012)	ND(0.0012)	ND(0.0011)	ND(0.00054)
HOO8-OA1	04/08/05	1.75	ND(0.01)	ND(0.00095)	ND(0.00095)	ND(0.00094)	ND(0.00045)
CHI2-OA2	04/09/05	2.01	ND(0.012)	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.00051)
Float-OA3	04/09/05	2.06	ND(0.012)	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.00053)
Float-OA3 Dup	04/09/05	1.96	ND(0.012)	ND(0.0011)	ND(0.0011)	ND(0.001)	ND(0.0005)
HOO8-OA1	04/09/05	2.06	ND(0.012)	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.00053)
CHI2-OA2	04/11/05	1.79	ND(0.01)	ND(0.00098)	ND(0.00098)	ND(0.00096)	ND(0.00046)
Float-OA3	04/11/05	2.36	ND(0.014)	ND(0.0013)	ND(0.0013)	ND(0.0013)	ND(0.0006)
HOO8-OA1	04/11/05	2.06	ND(0.012)	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.00053)
CHI2-OA2	04/12/05	1.68	ND(0.0099)	ND(0.00092)	ND(0.00092)	ND(0.0009)	ND(0.00043)
Float-OA3	04/12/05	2.23	ND(0.013)	ND(0.0012)	ND(0.0012)	ND(0.0012)	ND(0.00057)
CHI2-OA2	04/13/05	1.75	ND(0.01)	ND(0.00095)	ND(0.00095)	ND(0.00094)	ND(0.00045)
Float-OA3	04/13/05	2.01	ND(0.012)	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.00051)
HOO8-OA1	04/13/05	1.68	ND(0.0099)	ND(0.00092)	ND(0.00092)	ND(0.0009)	ND(0.00043)
HOO8-OA1 Dup	04/13/05	1.83	ND(0.011)	ND(0.001)	ND(0.001)	ND(0.00098)	ND(0.00047)
CHI2-OA2	04/14/05	2.12	ND(0.012)	ND(0.0012)	ND(0.0012)	ND(0.0011)	ND(0.00054)
CHI2-OA2 Dup	04/14/05	1.75	ND(0.01)	ND(0.00095)	ND(0.00095)	ND(0.00094)	ND(0.00045)
Float-OA3	04/14/05	3.83	ND(0.022)	ND(0.0021)	ND(0.0021)	ND(0.002)	ND(0.00098)
HOO8-OA1	04/14/05	1.71	ND(0.01)	ND(0.00093)	ND(0.00093)	ND(0.00092)	ND(0.00044)
CHI2-OA2	04/15/05	2.23	ND(0.013)	ND(0.0012)	ND(0.0012)	ND(0.0012)	ND(0.00057)
Float-OA3	04/15/05	2.12	ND(0.012)	ND(0.0012)	ND(0.0012)	ND(0.0011)	ND(0.00054)
HOO8-OA1	04/15/05	2.30	ND(0.014)	ND(0.0012)	ND(0.0012)	ND(0.0012)	ND(0.00059)
FLOAT-OA3	05/02/05	2.17	ND(0.013)	ND(0.0012)	ND(0.0012)	ND(0.0012)	ND(0.00055)
CHI2-OA2	05/03/05	2.23	ND(0.013)	ND(0.0012)	ND(0.0012)	ND(0.0012)	ND(0.00057)
FLOAT-OA3	05/03/05	2.23	ND(0.013)	ND(0.0012)	ND(0.0012)	ND(0.0012)	ND(0.00057)
HOO8-OA1	05/03/05	2.30	ND(0.014)	ND(0.0012)	ND(0.0012)	ND(0.0012)	ND(0.00059)
CHI2-OA2 Dup	05/04/05	4.44	ND(0.026)	ND(0.0024)	ND(0.0024)	ND(0.0024)	ND(0.0011)
FLOAT-OA3	05/04/05	3.50	ND(0.021)	ND(0.0019)	ND(0.0019)	ND(0.0019)	ND(0.00089)
CHI2-OA2	05/11/05	2.12	ND(0.012)	ND(0.0012)	ND(0.0012)	ND(0.0011)	ND(0.00054)
Float-OA3	05/11/05	2.17	ND(0.013)	ND(0.0012)	ND(0.0012)	ND(0.0012)	ND(0.00055)
HOO1-OA1	05/11/05	2.17	ND(0.013)	ND(0.0012)	ND(0.0012)	ND(0.0012)	ND(0.00055)

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Table 8c. Outdoor Air Sampling Analytical Results Summary Table, Water Treatment and Other Chemicals, Chevron Cincinnati Facility, Hooven, Ohio.

Outdoor Air Sample ID	Date	TO-15 Dilution Factor	Benzylchloride (mg/m³)	Bromomethane (mg/m³)	Carbon Disulfide (mg/m³)	Chloroethane (mg/m³)	Chloromethane (mg/m³)	1,2-Dichlorobenzene (mg/m³)	1,3-Dichlorobenzene (mg/m³)	1,4-Dichlorobenzene (mg/m³)
CHI2-OA2	03/22/05	1.61	ND(0.00083)	ND(0.00062)	ND(0.0025)	0.0011	0.0008	ND(0.00097)	ND(0.00097)	ND(0.00097)
Float-OA3	03/22/05	1.68	ND(0.00087)	ND(0.00065)	ND(0.0026)	ND(0.00044)	0.00086	ND(0.001)	ND(0.001)	ND(0.001)
HOO8-OA1	03/22/05	1.68	ND(0.00087)	ND(0.00065)	ND(0.0026)	ND(0.00044)	0.00082	ND(0.001)	ND(0.001)	ND(0.001)
CHI2-OA2	03/23/05	1.58	ND(0.00082)	ND(0.00061)	ND(0.0025)	ND(0.00042)	ND(0.00033)	ND(0.00095)	ND(0.00095)	ND(0.00095)
Float-OA3	03/23/05	1.83	ND(0.00095)	ND(0.00071)	ND(0.0028)	ND(0.00048)	0.0011	ND(0.0011)	ND(0.0011)	ND(0.0011)
HOO8-OA1	03/23/05	1.61	ND(0.00083)	ND(0.00062)	ND(0.0025)	ND(0.00042)	ND(0.00033)	ND(0.00097)	ND(0.00097)	ND(0.00097)
CHI2-OA2	03/24/05	1.58	ND(0.00082)	ND(0.00061)	ND(0.0025)	ND(0.00042)	ND(0.00033)	ND(0.00095)	ND(0.00095)	ND(0.00095)
Float-OA3	03/24/05	2.17	ND(0.0011)	ND(0.00084)	ND(0.0034)	ND(0.00057)	0.001	ND(0.0013)	ND(0.0013)	ND(0.0013)
HOO8-OA1	03/24/05	1.68	ND(0.00087)	ND(0.00065)	ND(0.0026)	ND(0.00044)	0.001	ND(0.001)	ND(0.001)	ND(0.001)
CHI2-OA2	03/25/05	1.91	ND(0.00099)	ND(0.00074)	ND(0.003)	ND(0.0005)	0.001	ND(0.0011)	ND(0.0011)	ND(0.0011)
Float-OA3	03/25/05	1.91	ND(0.00099)	ND(0.00074)	ND(0.003)	ND(0.0005)	0.00069	ND(0.0011)	ND(0.0011)	ND(0.0011)
HOO8-OA1	03/25/05	1.55	ND(0.0008)	ND(0.0006)	ND(0.0024)	ND(0.00041)	0.00096	ND(0.00093)	ND(0.00093)	ND(0.00093)
CHI2-OA2	03/26/05	1.68	ND(0.00087)	ND(0.00065)	ND(0.0026)	ND(0.00044)	0.0016	ND(0.001)	ND(0.001)	ND(0.001)
Float-OA3	03/26/05	1.71	ND(0.00088)	ND(0.00066)	ND(0.0027)	0.0014 J	0.0011	ND(0.001)	ND(0.001)	ND(0.001)
HOO8-OA1	03/26/05	1.68	ND(0.00087)	ND(0.00065)	ND(0.0026)	ND(0.00044)	0.00092	ND(0.001)	ND(0.001)	ND(0.001)
CHI2-OA2	03/28/05	1.87	ND(0.00097)	ND(0.00073)	ND(0.0029)	ND(0.00049)	0.0011	ND(0.0011)	ND(0.0011)	ND(0.0011)
Float-OA3	03/28/05	2.01	ND(0.001)	ND(0.00078)	ND(0.0031)	ND(0.00053)	0.00089	ND(0.0012)	ND(0.0012)	ND(0.0012)
HOO8-OA1	03/28/05	1.79	ND(0.00093)	ND(0.0007)	ND(0.0028)	ND(0.00047)	0.001	ND(0.0011)	ND(0.0011)	ND(0.0011)
CHI2-OA2	03/29/05	1.68	ND(0.00087)J	ND(0.00065)	0.0047	ND(0.00044)	0.0012	ND(0.001)	ND(0.001)	ND(0.001)
Float-OA3	03/29/05	2.30	ND(0.0012)J	ND(0.00089)	ND(0.0036)	ND(0.00061)	0.0018	ND(0.0014)	ND(0.0014)	ND(0.0014)
HOO8-OA1	03/29/05	1.75	ND(0.0009)J	ND(0.00068)	ND(0.0027)	ND(0.00046)	0.0011	ND(0.001)	ND(0.001)	ND(0.001)
CHI2-OA2	03/30/05	1.79	ND(0.00093)J	ND(0.0007)	ND(0.0028)	ND(0.00047)	0.00091	ND(0.0011)	ND(0.0011)	ND(0.0011)
Float-OA3	03/30/05	1.79	ND(0.00093)J	ND(0.0007)	0.005	ND(0.00047)	0.00099	ND(0.0011)	ND(0.0011)	ND(0.0011)
HOO8-OA1	03/30/05	1.79	ND(0.00093)J	ND(0.0007)	ND(0.0028)	ND(0.00047)	0.0011	ND(0.0011)	ND(0.0011)	ND(0.0011)
HOO8-OA1 Dup	03/30/05	1.41	ND(0.00073)J	ND(0.00055)	ND(0.0022)	ND(0.00037)	0.0012	ND(0.00085)	ND(0.00085)	ND(0.00085)
HOO8-OA1	03/31/05	1.68	ND(0.00087)J	ND(0.00065)	0.015	ND(0.00044)	0.0011	ND(0.001)	ND(0.001)	ND(0.001)
CHI2-OA2	04/01/05	1.68	ND(0.00087)J	ND(0.00065)	ND(0.0026)	ND(0.00044)	0.0013	ND(0.001)	ND(0.001)	ND(0.001)
HOO8-OA1	04/01/05	1.83	ND(0.00095)J	ND(0.00071)	ND(0.0028)	ND(0.00048)	0.0011	ND(0.0011)	ND(0.0011)	ND(0.0011)
CHI2-OA2	04/02/05	2.36	ND(0.0012)J	ND(0.00092)	ND(0.0037)	ND(0.00062)	0.0011	ND(0.0014)	ND(0.0014)	ND(0.0014)
Float-OA3	04/02/05	2.51	ND(0.0013)	0.0093	ND(0.0039)	ND(0.00066)	0.0012	ND(0.0015)	ND(0.0015)	ND(0.0015)
HOO8-OA1	04/02/05	2.06	ND(0.0011)J	ND(0.0008)	ND(0.0032)	ND(0.00054)	0.0011	ND(0.0012)	ND(0.0012)	ND(0.0012)
CHI2-OA2	04/04/05	1.79	ND(0.00093)J	ND(0.0007)	ND(0.0028)	ND(0.00047)	0.0013	ND(0.0011)	ND(0.0011)	ND(0.0011)
CHI2-OA2 Dup	04/04/05	1.79	ND(0.00093)J	ND(0.0007)	ND(0.0028)	ND(0.00047)	0.0011	ND(0.0011)	ND(0.0011)	ND(0.0011)
Float-OA3	04/04/05	2.44	ND(0.0013)J	ND(0.00095)	ND(0.0038)	ND(0.00064)	0.0011	ND(0.0015)	ND(0.0015)	ND(0.0015)
HOO8-OA1	04/04/05	2.01	ND(0.001)J	ND(0.00078)	ND(0.0031)	ND(0.00053)	0.0012	ND(0.0012)	ND(0.0012)	ND(0.0012)
CHI2-OA2	04/05/05	1.79	ND(0.00093)J	ND(0.0007)	ND(0.0028)	ND(0.00047)	0.001	ND(0.0011)	ND(0.0011)	ND(0.0011)
Float-OA3	04/05/05	5.03	ND(0.0026)J	ND(0.002)	ND(0.0078)	ND(0.0013)	0.0012	ND(0.003)	ND(0.003)	ND(0.003)
HOO8-OA1	04/05/05	1.83	ND(0.00095)J	ND(0.00071)	ND(0.0028)	ND(0.00048)	0.0012	ND(0.0011)	ND(0.0011)	ND(0.0011)

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Table 8c. Outdoor Air Sampling Analytical Results Summary Table, Water Treatment and Other Chemicals, Chevron Cincinnati Facility, Hooven, Ohio.

Outdoor Air Sample ID	Date	TO-15 Dilution Factor	Benzylchloride (mg/m³)	Bromomethane (mg/m³)	Carbon Disulfide (mg/m³)	Chloroethane (mg/m³)	Chloromethane (mg/m³)	1,2-Dichlorobenzene (mg/m³)	1,3-Dichlorobenzene (mg/m³)	1,4-Dichlorobenzene (mg/m³)
CHI2-OA2	04/06/05	1.58	ND(0.00082)J	ND(0.00061)	ND(0.0025)	ND(0.00042)	0.0012	ND(0.00095)	ND(0.00095)	ND(0.00095)
Float-OA3	04/06/05	1.91	ND(0.00099)J	ND(0.00074)	0.0048	ND(0.0005)	0.0012	ND(0.0011)	ND(0.0011)	ND(0.0011)
HOO8-OA1	04/06/05	1.64	ND(0.00085)J	ND(0.00064)	0.0031	ND(0.00043)	0.0012	ND(0.00099)	ND(0.00099)	ND(0.00099)
CHI2-OA2	04/07/05	1.71	ND(0.00088)J	ND(0.00066)	ND(0.0027)	ND(0.00045)	0.001	ND(0.001)	ND(0.001)	ND(0.001)
Float-OA3	04/07/05	1.79	ND(0.00093)J	ND(0.0007)	ND(0.0028)	ND(0.00047)	0.0012	ND(0.0011)	ND(0.0011)	ND(0.0011)
HOO8-OA1	04/07/05	2.06	ND(0.0011)J	ND(0.0008)	ND(0.0032)	ND(0.00054)	0.0014	ND(0.0012)	ND(0.0012)	ND(0.0012)
CHI2-OA2	04/08/05	1.75	ND(0.0009)J	ND(0.00068)	ND(0.0027)	ND(0.00046)	0.0014	ND(0.001)	ND(0.001)	ND(0.001)
Float-OA3	04/08/05	2.12	ND(0.0011)J	ND(0.00082)	ND(0.0033)	ND(0.00056)	0.0015	ND(0.0013)	ND(0.0013)	ND(0.0013)
HOO8-OA1	04/08/05	1.75	ND(0.0009)J	ND(0.00068)	0.021	ND(0.00046)	0.0012	ND(0.001)	ND(0.001)	ND(0.001)
CHI2-OA2	04/09/05	2.01	ND(0.001)J	ND(0.00078)	ND(0.0031)	ND(0.00053)	0.0011	ND(0.0012)	ND(0.0012)	ND(0.0012)
Float-OA3	04/09/05	2.06	ND(0.0011)J	ND(0.0008)	ND(0.0032)	ND(0.00054)	0.0011	ND(0.0012)	ND(0.0012)	ND(0.0012)
Float-OA3 Dup	04/09/05	1.96	ND(0.001)J	ND(0.00076)	ND(0.003)	ND(0.00052)	0.0011	ND(0.0012)	ND(0.0012)	ND(0.0012)
HOO8-OA1	04/09/05	2.06	ND(0.0011)J	ND(0.0008)	ND(0.0032)	ND(0.00054)	0.0011	ND(0.0012)	ND(0.0012)	ND(0.0012)
CHI2-OA2	04/11/05	1.79	ND(0.00093)J	ND(0.0007)	ND(0.0028)	ND(0.00047)	0.0011	ND(0.0011)	ND(0.0011)	ND(0.0011)
Float-OA3	04/11/05	2.36	ND(0.0012)J	ND(0.00092)	ND(0.0037)	ND(0.00062)	0.0011	ND(0.0014)	ND(0.0014)	ND(0.0014)
HOO8-OA1	04/11/05	2.06	ND(0.0011)J	ND(0.0008)	ND(0.0032)	ND(0.00054)	0.0012	ND(0.0012)	ND(0.0012)	ND(0.0012)
CHI2-OA2	04/12/05	1.68	ND(0.00087)J	ND(0.00065)	0.022	ND(0.00044)	0.0015	ND(0.001)	ND(0.001)	ND(0.001)
Float-OA3	04/12/05	2.23	ND(0.0012)J	ND(0.00087)	ND(0.0035)	ND(0.00059)	0.0015	ND(0.0013)	ND(0.0013)	ND(0.0013)
CHI2-OA2	04/13/05	1.75	ND(0.0009)	ND(0.00068)	ND(0.0027)	ND(0.00046)	0.001	ND(0.001)	ND(0.001)	ND(0.001)
Float-OA3	04/13/05	2.01	ND(0.001)	ND(0.00078)	ND(0.0031)	ND(0.00053)	0.001	ND(0.0012)	ND(0.0012)	ND(0.0012)
HOO8-OA1	04/13/05	1.68	ND(0.00087)J	ND(0.00065)	ND(0.0026)	ND(0.00044)	0.0011	ND(0.001)	ND(0.001)	ND(0.001)
HOO8-OA1 Dup	04/13/05	1.83	ND(0.00095)J	ND(0.00071)	ND(0.0028)	ND(0.00048)	0.001	ND(0.0011)	ND(0.0011)	ND(0.0011)
CHI2-OA2	04/14/05	2.12	ND(0.0011)	ND(0.00082)	ND(0.0033)	ND(0.00056)	0.00099	ND(0.0013)	ND(0.0013)	ND(0.0013)
CHI2-OA2 Dup	04/14/05	1.75	ND(0.0009)	ND(0.00068)	ND(0.0027)	ND(0.00046)	0.0011	ND(0.001)	ND(0.001)	ND(0.001)
Float-OA3	04/14/05	3.83	ND(0.002)	ND(0.0015)	ND(0.006)	ND(0.001)	0.0012	ND(0.0023)	ND(0.0023)	ND(0.0023)
HOO8-OA1	04/14/05	1.71	ND(0.00088)	ND(0.00066)	ND(0.0027)	ND(0.00045)	0.001	ND(0.001)	ND(0.001)	ND(0.001)
CHI2-OA2	04/15/05	2.23	ND(0.0012)	ND(0.00087)	ND(0.0035)	ND(0.00059)	0.00096	ND(0.0013)	ND(0.0013)	ND(0.0013)
Float-OA3	04/15/05	2.12	ND(0.0011)	ND(0.00082)	ND(0.0033)	ND(0.00056)	0.0018	ND(0.0013)	ND(0.0013)	ND(0.0013)
HOO8-OA1	04/15/05	2.30	ND(0.0012)	ND(0.00089)	ND(0.0036)	ND(0.00061)	0.001	ND(0.0014)	ND(0.0014)	ND(0.0014)
FLOAT-OA3	05/02/05	2.17	ND(0.0011)	ND(0.00084)J	ND(0.0034)	ND(0.00057)	0.00089	ND(0.0013)	ND(0.0013)	ND(0.0013)
CHI2-OA2	05/03/05	2.23	ND(0.0012)	ND(0.00087)J	ND(0.0035)	ND(0.00059)	0.001	ND(0.0013)	ND(0.0013)	ND(0.0013)
FLOAT-OA3	05/03/05	2.23	ND(0.0012)	ND(0.00087)J	ND(0.0035)	ND(0.00059)	0.00099	ND(0.0013)	ND(0.0013)	ND(0.0013)
HOO8-OA1	05/03/05	2.30	ND(0.0012)	ND(0.00089)J	ND(0.0036)	ND(0.00061)	0.00092	ND(0.0014)	ND(0.0014)	ND(0.0014)
CHI2-OA2 Dup	05/04/05	4.44	ND(0.0023)	ND(0.0017)J	ND(0.0069)	ND(0.0012)	0.0011	ND(0.0027)	ND(0.0027)	ND(0.0027)
FLOAT-OA3	05/04/05	3.50	ND(0.0018)	ND(0.0014)J	ND(0.0054)	ND(0.00092)	0.001	ND(0.0021)	ND(0.0021)	ND(0.0021)
CHI2-OA2	05/11/05	2.12	ND(0.0011)	ND(0.00082)	ND(0.0033)	ND(0.00056)	0.001	ND(0.0013)	ND(0.0013)	ND(0.0013)
Float-OA3	05/11/05	2.17	ND(0.0011)	ND(0.00084)	ND(0.0034)	ND(0.00057)	0.001	ND(0.0013)	ND(0.0013)	ND(0.0013)
HOO1-OA1	05/11/05	2.17	ND(0.0011)	ND(0.00084)	ND(0.0034)	ND(0.00057)	0.0011	ND(0.0013)	ND(0.0013)	ND(0.0013)

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Table 8c. Outdoor Air Sampling Analytical Results Summary Table, Water Treatment and Other Chemicals, Chevron Cincinnati Facility, Hooven, Ohio.

Outdoor Air Sample ID	Date	TO-15 Dilution Factor	Dichlorodifluoromethane (mg/m³)	1,2-Dichloropropane (mg/m³)	cis-1,3-Dichloropropene (mg/m³)	trans-1,3-Dichloropropene (mg/m³)	1,2-Dichloro-1,1,2,2-tetrafluoroethane (mg/m³)	Ethanol (mg/m³)	1,2,4-Trichlorobenzene (mg/m³)	Trichlorofluoromethane (mg/m³)
CHI2-OA2	03/22/05	1.61	0.0024	ND(0.00074)	ND(0.00073)	ND(0.00073)	ND(0.0011)	0.0037 J	ND(0.006)	0.0012
Float-OA3	03/22/05	1.68	0.0024	ND(0.00078)	ND(0.00076)	ND(0.00076)	ND(0.0012)	0.002 J	ND(0.0062)	0.0012
HOO8-OA1	03/22/05	1.68	0.0026	ND(0.00078)	ND(0.00076)	ND(0.00076)	ND(0.0012)	0.0018 J	ND(0.0062)	0.0014
CHI2-OA2	03/23/05	1.58	0.0026	ND(0.00073)	ND(0.00072)	ND(0.00072)	ND(0.0011)	0.0034	ND(0.0059)	0.0011
Float-OA3	03/23/05	1.83	0.0027	ND(0.00084)	ND(0.00083)	ND(0.00083)	ND(0.0013)	0.0018	ND(0.0068)	0.0013
HOO8-OA1	03/23/05	1.61	0.0024	ND(0.00074)	ND(0.00073)	ND(0.00073)	ND(0.0011)	0.002	ND(0.006)	0.0015
CHI2-OA2	03/24/05	1.58	0.0025	ND(0.00073)	ND(0.00072)	ND(0.00072)	ND(0.0011)	0.0051	ND(0.0059)	0.0013
Float-OA3	03/24/05	2.17	0.0022	ND(0.001)	ND(0.00098)	ND(0.00098)	ND(0.0015)	0.0027	ND(0.008)	0.0016
HOO8-OA1	03/24/05	1.68	0.0025	ND(0.00078)	ND(0.00076)	ND(0.00076)	ND(0.0012)	0.0081	ND(0.0062)	0.0013
CHI2-OA2	03/25/05	1.91	0.0025	ND(0.00088)	ND(0.00087)	ND(0.00087)	ND(0.0013)	0.0036	ND(0.0071)	0.0012
Float-OA3	03/25/05	1.91	0.0026	ND(0.00088)	ND(0.00087)	ND(0.00087)	ND(0.0013)	0.0061	ND(0.0071)	0.0013
HOO8-OA1	03/25/05	1.55	0.0027	ND(0.00072)	ND(0.0007)	ND(0.0007)	ND(0.0011)	0.0029	ND(0.0058)	0.0013
CHI2-OA2	03/26/05	1.68	0.0036	ND(0.00078)	ND(0.00076)	ND(0.00076)	ND(0.0012)	0.0056	ND(0.0062)	0.0018
Float-OA3	03/26/05	1.71	0.0033	ND(0.00079)	ND(0.00078)	ND(0.00078)	ND(0.0012)	0.0038 J	ND(0.0063)	0.0015
HOO8-OA1	03/26/05	1.68	0.0029	ND(0.00078)	ND(0.00076)	ND(0.00076)	ND(0.0012)	0.002	ND(0.0062)	0.0017
CHI2-OA2	03/28/05	1.87	0.0033	ND(0.00086)	ND(0.00085)	ND(0.00085)	ND(0.0013)	0.0032	ND(0.0069)	0.0017
Float-OA3	03/28/05	2.01	0.0022	ND(0.00093)	ND(0.00091)	ND(0.00091)	ND(0.0014)	0.003	ND(0.0074)	0.0013
HOO8-OA1	03/28/05	1.79	0.0023	ND(0.00083)	ND(0.00081)	ND(0.00081)	ND(0.0012)	0.0018	ND(0.0066)	0.0014
CHI2-OA2	03/29/05	1.68	0.0026	ND(0.00078)	ND(0.00076)	ND(0.00076)	ND(0.0012)	0.0029 J	ND(0.0062)	0.0015
Float-OA3	03/29/05	2.30	0.0026	ND(0.0011)	ND(0.001)	ND(0.001)	ND(0.0016)	0.0032 J	ND(0.0085)	0.0017
HOO8-OA1	03/29/05	1.75	0.0027	ND(0.00081)	ND(0.00079)	ND(0.00079)	ND(0.0012)	0.0073 J	ND(0.0065)	0.0017
CHI2-OA2	03/30/05	1.79	0.0022	ND(0.00083)	ND(0.00081)	ND(0.00081)	ND(0.0012)	0.0023 J	ND(0.0066)	0.0011
Float-OA3	03/30/05	1.79	0.0021	ND(0.00083)	ND(0.00081)	ND(0.00081)	ND(0.0012)	0.0032 J	ND(0.0066)	0.0011
HOO8-OA1	03/30/05	1.79	0.0028	ND(0.00083)	ND(0.00081)	ND(0.00081)	ND(0.0012)	0.0055 J	ND(0.0066)	0.0021
HOO8-OA1 Dup	03/30/05	1.41	0.0028	ND(0.00065)	ND(0.00064)	ND(0.00064)	ND(0.00098)	0.0044 J	ND(0.0052)	0.002
HOO8-OA1	03/31/05	1.68	0.0026	ND(0.00078)	ND(0.00076)	ND(0.00076)	ND(0.0012)	0.0072 J	ND(0.0062)	0.0023
CHI2-OA2	04/01/05	1.68	0.0027	ND(0.00078)	ND(0.00076)	ND(0.00076)	ND(0.0012)	ND(0.0016)J	ND(0.0062)	0.0014
HOO8-OA1	04/01/05	1.83	0.0027	ND(0.00084)	ND(0.00083)	ND(0.00083)	ND(0.0013)	0.0027 J	ND(0.0068)	0.0014
CHI2-OA2	04/02/05	2.36	0.0025	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0016)	0.0024 J	ND(0.0088)	ND(0.0013)
Float-OA3	04/02/05	2.51	0.0026	ND(0.0012)	ND(0.0011)	ND(0.0011)	ND(0.0018)	ND(0.0024)J	ND(0.0093)	ND(0.0014)
HOO8-OA1	04/02/05	2.06	0.0027	ND(0.00095)	ND(0.00093)	ND(0.00093)	ND(0.0014)	ND(0.0019)J	ND(0.0076)	0.0012
CHI2-OA2	04/04/05	1.79	0.0028	ND(0.00083)	ND(0.00081)	ND(0.00081)	ND(0.0012)	0.0035 J	ND(0.0066)	0.0016
CHI2-OA2 Dup	04/04/05	1.79	0.0027	ND(0.00083)	ND(0.00081)	ND(0.00081)	ND(0.0012)	0.0035 J	ND(0.0066)	0.0013
Float-OA3	04/04/05	2.44	0.0029	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0017)	0.007 J	ND(0.009)	0.0016
HOO8-OA1	04/04/05	2.01	0.0027	ND(0.00093)	ND(0.00091)	ND(0.00091)	ND(0.0014)	0.0047 J	ND(0.0074)	0.0013
CHI2-OA2	04/05/05	1.79	0.0026	ND(0.00083)	ND(0.00081)	ND(0.00081)	ND(0.0012)	0.0058 J	ND(0.0066)	0.0014
Float-OA3	04/05/05	5.03	0.0024 J	ND(0.0023)	ND(0.0023)	ND(0.0023)	ND(0.0035)	0.0069 J	ND(0.019)	ND(0.0028)
HOO8-OA1	04/05/05	1.83	0.0032	ND(0.00084)	ND(0.00083)	ND(0.00083)	ND(0.0013)	0.0077 J	ND(0.0068)	0.0029

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Table 8c. Outdoor Air Sampling Analytical Results Summary Table, Water Treatment and Other Chemicals, Chevron Cincinnati Facility, Hooven, Ohio.

Outdoor Air Sample ID	Date	TO-15 Dilution Factor	Dichlorodifluoromethane (mg/m³)	1,2-Dichloropropane (mg/m³)	cis-1,3-Dichloropropene (mg/m³)	trans-1,3-Dichloropropene (mg/m³)	1,2-Dichloro-1,1,2,2-tetrafluoroethane (mg/m³)	Ethanol (mg/m³)	1,2,4-Trichlorobenzene (mg/m³)	Trichlorofluoromethane (mg/m³)
CHI2-OA2	04/06/05	1.58	0.0032	ND(0.00073)	ND(0.00072)	ND(0.00072)	ND(0.0011)	0.0058 J	ND(0.0059)J	0.0017
Float-OA3	04/06/05	1.91	0.0027	ND(0.00088)	ND(0.00087)	ND(0.00087)	ND(0.0013)	0.0049 J	ND(0.0071)J	0.0017
HOO8-OA1	04/06/05	1.64	0.003	ND(0.00076)	ND(0.00074)	ND(0.00074)	ND(0.0011)	0.0057 J	ND(0.0061)J	0.0021
CHI2-OA2	04/07/05	1.71	0.0026	ND(0.00079)	ND(0.00078)	ND(0.00078)	ND(0.0012)	0.0032 J	ND(0.0063)J	0.0016
Float-OA3	04/07/05	1.79	0.0026	ND(0.00083)	ND(0.00081)	ND(0.00081)	ND(0.0012)	0.0053 J	ND(0.0066)J	0.0017
HOO8-OA1	04/07/05	2.06	0.0027	ND(0.00095)	ND(0.00093)	ND(0.00093)	ND(0.0014)	0.0044 J	ND(0.0076)J	0.0018
CHI2-OA2	04/08/05	1.75	0.0028	ND(0.00081)	ND(0.00079)	ND(0.00079)	ND(0.0012)	0.0037 J	ND(0.0065)J	0.0014
Float-OA3	04/08/05	2.12	0.003	ND(0.00098)	ND(0.00096)	ND(0.00096)	ND(0.0015)	0.0035 J	ND(0.0079)J	0.0015
HOO8-OA1	04/08/05	1.75	0.0027	ND(0.00081)	ND(0.00079)	ND(0.00079)	ND(0.0012)	0.0024 J	ND(0.0065)J	0.0014
CHI2-OA2	04/09/05	2.01	0.0026	ND(0.00093)	ND(0.00091)	ND(0.00091)	ND(0.0014)	0.0024 J	ND(0.0074)J	0.0014
Float-OA3	04/09/05	2.06	0.0028	ND(0.00095)	ND(0.00093)	ND(0.00093)	ND(0.0014)	0.0073 J	ND(0.0076)J	0.0014
Float-OA3 Dup	04/09/05	1.96	0.0027	ND(0.0009)	ND(0.00089)	ND(0.00089)	ND(0.0014)	0.0051 J	ND(0.0073)J	0.0015
HOO8-OA1	04/09/05	2.06	0.0026	ND(0.00095)	ND(0.00093)	ND(0.00093)	ND(0.0014)	0.003 J	ND(0.0076)J	0.0014
CHI2-OA2	04/11/05	1.79	0.0026	ND(0.00083)	ND(0.00081)	ND(0.00081)	ND(0.0012)	0.0032 J	ND(0.0066)J	0.0014
Float-OA3	04/11/05	2.36	0.0026	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0016)	0.0057 J	ND(0.0088)J	0.0015
HOO8-OA1	04/11/05	2.06	0.0025	ND(0.00095)	ND(0.00093)	ND(0.00093)	ND(0.0014)	0.0077 J	ND(0.0076)J	0.0016
CHI2-OA2	04/12/05	1.68	0.0026	ND(0.00078)	ND(0.00076)	ND(0.00076)	ND(0.0012)	0.0038 J	ND(0.0062)J	0.0015
Float-OA3	04/12/05	2.23	0.003	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.0016)	0.0037 J	ND(0.0083)J	0.0015
CHI2-OA2	04/13/05	1.75	0.0025	ND(0.00081)	ND(0.00079)	ND(0.00079)	ND(0.0012)	0.0046	ND(0.0065)	0.0014
Float-OA3	04/13/05	2.01	0.0026	ND(0.00093)	ND(0.00091)	ND(0.00091)	ND(0.0014)	0.0034	ND(0.0074)	0.0014
HOO8-OA1	04/13/05	1.68	0.0028	ND(0.00078)	ND(0.00076)	ND(0.00076)	ND(0.0012)	0.0033 J	ND(0.0062)J	0.0016
HOO8-OA1 Dup	04/13/05	1.83	0.0026	ND(0.00084)	ND(0.00083)	ND(0.00083)	ND(0.0013)	0.012 J	ND(0.0068)J	0.0013
CHI2-OA2	04/14/05	2.12	0.0026	ND(0.00098)	ND(0.00096)	ND(0.00096)	ND(0.0015)	0.0029	ND(0.0079)	ND(0.0012)
CHI2-OA2 Dup	04/14/05	1.75	0.0028	ND(0.00081)	ND(0.00079)	ND(0.00079)	ND(0.0012)	0.0034	ND(0.0065)	0.0014
Float-OA3	04/14/05	3.83	0.0024	ND(0.0018)	ND(0.0017)	ND(0.0017)	ND(0.0027)	0.0065	ND(0.014)	ND(0.0022)
HOO8-OA1	04/14/05	1.71	0.0026	ND(0.00079)	ND(0.00078)	ND(0.00078)	ND(0.0012)	0.003	ND(0.0063)	0.0014
CHI2-OA2	04/15/05	2.23	0.0024	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.0016)	0.011	ND(0.0083)	0.0013
Float-OA3	04/15/05	2.12	0.0026	ND(0.00098)	ND(0.00096)	ND(0.00096)	ND(0.0015)	0.0072	ND(0.0079)	0.0015
HOO8-OA1	04/15/05	2.30	0.0025	ND(0.0011)	ND(0.001)	ND(0.001)	ND(0.0016)	0.0028	ND(0.0085)	0.0013
FLOAT-OA3	05/02/05	2.17	0.0024	ND(0.001)	ND(0.00098)	ND(0.00098)	ND(0.0015)	0.0026	ND(0.008)	0.0013
CHI2-OA2	05/03/05	2.23	0.0026	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.0016)	0.0022	ND(0.0083)	ND(0.0012)
FLOAT-OA3	05/03/05	2.23	0.0024	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.0016)	0.0027	ND(0.0083)	ND(0.0012)
HOO8-OA1	05/03/05	2.30	0.0023	ND(0.0011)	ND(0.001)	ND(0.001)	ND(0.0016)	0.0024	ND(0.0085)	0.0013
CHI2-OA2 Dup	05/04/05	4.44	0.0026	ND(0.002)	ND(0.002)	ND(0.002)	ND(0.0031)	0.0094	ND(0.016)	ND(0.0025)
FLOAT-OA3	05/04/05	3.50	0.0024	ND(0.0016)	ND(0.0016)	ND(0.0016)	ND(0.0024)	0.008	ND(0.013)	ND(0.002)
CHI2-OA2	05/11/05	2.12	0.0029	ND(0.00098)	ND(0.00096)	ND(0.00096)	ND(0.0015)	0.0069 J	ND(0.0079)J	0.0018
Float-OA3	05/11/05	2.17	0.0028	ND(0.001)	ND(0.00098)	ND(0.00098)	ND(0.0015)	0.016 J	ND(0.008)J	0.0019
HOO1-OA1	05/11/05	2.17	0.0031	ND(0.001)	ND(0.00098)	ND(0.00098)	ND(0.0015)	0.014 J	ND(0.008)J	0.003

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Table 8c. Outdoor Air Sampling Analytical Results Summary Table, Water Treatment and Other Chemicals, Chevron Cincinnati Facility, Hooven, Ohio.

Outdoor Air Sample ID	Date	TO-15 Dilution Factor	1,1,2-Trichlorotrifluoroethane (mg/m³)	Bromodichloromethane (mg/m³)	Bromoform (mg/m³)	Chloroform (mg/m³)	Dibromochloromethane (mg/m³)
CHI2-OA2	03/22/05	1.61	ND(0.0012)	ND(0.0054)	ND(0.0083)J	ND(0.00079)	ND(0.0068)
Float-OA3	03/22/05	1.68	ND(0.0013)	ND(0.0056)	ND(0.0087)J	ND(0.00082)	ND(0.0072)
HOO8-OA1	03/22/05	1.68	ND(0.0013)	ND(0.0056)	ND(0.0087)J	ND(0.00082)	ND(0.0072)
CHI2-OA2	03/23/05	1.58	ND(0.0012)	ND(0.0053)	ND(0.0082)	ND(0.00077)	ND(0.0067)
Float-OA3	03/23/05	1.83	ND(0.0014)	ND(0.0061)	ND(0.0094)J	ND(0.00089)	ND(0.0078)
HOO8-OA1	03/23/05	1.61	ND(0.0012)	ND(0.0054)	ND(0.0083)	ND(0.00079)	ND(0.0068)
CHI2-OA2	03/24/05	1.58	ND(0.0012)	ND(0.0053)	ND(0.0082)	ND(0.00077)	ND(0.0067)
Float-OA3	03/24/05	2.17	ND(0.0017)	ND(0.0073)	ND(0.011)	ND(0.001)	ND(0.0092)
HOO8-OA1	03/24/05	1.68	ND(0.0013)	ND(0.0056)	ND(0.0087)	ND(0.00082)	ND(0.0072)
CHI2-OA2	03/25/05	1.91	ND(0.0015)	ND(0.0064)	ND(0.0099)	ND(0.00093)	ND(0.0081)
Float-OA3	03/25/05	1.91	ND(0.0015)	ND(0.0064)	ND(0.0099)	ND(0.00093)	ND(0.0081)
HOO8-OA1	03/25/05	1.55	ND(0.0012)	ND(0.0052)	ND(0.008)	ND(0.00076)	ND(0.0066)
CHI2-OA2	03/26/05	1.68	ND(0.0013)	ND(0.0056)	ND(0.0087)	ND(0.00082)	ND(0.0072)
Float-OA3	03/26/05	1.71	ND(0.0013)	ND(0.0057)	ND(0.0088)	ND(0.00083)	ND(0.0073)
HOO8-OA1	03/26/05	1.68	ND(0.0013)	ND(0.0056)	ND(0.0087)	ND(0.00082)	ND(0.0072)
CHI2-OA2	03/28/05	1.87	ND(0.0014)	ND(0.0063)	ND(0.0097)	ND(0.00091)	ND(0.008)
Float-OA3	03/28/05	2.01	ND(0.0015)	ND(0.0067)	ND(0.01)	ND(0.00098)	ND(0.0086)
HOO8-OA1	03/28/05	1.79	ND(0.0014)	ND(0.006)	ND(0.0092)	ND(0.00087)	ND(0.0076)
CHI2-OA2	03/29/05	1.68	ND(0.0013)	ND(0.0056)	ND(0.0087)	ND(0.00082)	ND(0.0072)
Float-OA3	03/29/05	2.30	ND(0.0018)	ND(0.0077)	ND(0.012)	ND(0.0011)	ND(0.0098)
HOO8-OA1	03/29/05	1.75	ND(0.0013)	ND(0.0059)	ND(0.009)	ND(0.00085)	ND(0.0074)
CHI2-OA2	03/30/05	1.79	ND(0.0014)	ND(0.006)	ND(0.0092)	ND(0.00087)	ND(0.0076)
Float-OA3	03/30/05	1.79	ND(0.0014)	ND(0.006)	ND(0.0092)	ND(0.00087)	ND(0.0076)
HOO8-OA1	03/30/05	1.79	ND(0.0014)	ND(0.006)	ND(0.0092)	ND(0.00087)	ND(0.0076)
HOO8-OA1 Dup	03/30/05	1.41	ND(0.0011)	ND(0.0047)	ND(0.0073)	ND(0.00069)	ND(0.006)
HOO8-OA1	03/31/05	1.68	ND(0.0013)	ND(0.0056)	ND(0.0087)	ND(0.00082)	ND(0.0072)
CHI2-OA2	04/01/05	1.68	ND(0.0013)	ND(0.0056)	ND(0.0087)	ND(0.00082)	ND(0.0072)
HOO8-OA1	04/01/05	1.83	ND(0.0014)	ND(0.0061)	ND(0.0094)	ND(0.00089)	ND(0.0078)
CHI2-OA2	04/02/05	2.36	ND(0.0018)	ND(0.0079)	ND(0.012)	ND(0.0012)	ND(0.01)
Float-OA3	04/02/05	2.51	ND(0.0019)	ND(0.0084)	ND(0.013)	ND(0.0012)	ND(0.011)
HOO8-OA1	04/02/05	2.06	ND(0.0016)	ND(0.0069)	ND(0.011)	ND(0.001)	ND(0.0088)
CHI2-OA2	04/04/05	1.79	ND(0.0014)	ND(0.006)	ND(0.0092)	ND(0.00087)	ND(0.0076)
CHI2-OA2 Dup	04/04/05	1.79	ND(0.0014)	ND(0.006)	ND(0.0092)	ND(0.00087)	ND(0.0076)
Float-OA3	04/04/05	2.44	ND(0.0019)	ND(0.0082)	ND(0.013)	ND(0.0012)	ND(0.01)
HOO8-OA1	04/04/05	2.01	ND(0.0015)	ND(0.0067)	ND(0.01)	ND(0.00098)	ND(0.0086)
CHI2-OA2	04/05/05	1.79	ND(0.0014)	ND(0.006)	ND(0.0092)	ND(0.00087)	ND(0.0076)
Float-OA3	04/05/05	5.03	ND(0.0038)	ND(0.017)	ND(0.026)	ND(0.0024)	ND(0.021)
HOO8-OA1	04/05/05	1.83	ND(0.0014)	ND(0.0061)	ND(0.0094)	ND(0.00089)	ND(0.0078)
CHI2-OA2	04/06/05	1.58	ND(0.0012)	ND(0.0053)	ND(0.0082)	ND(0.00077)	ND(0.0067)

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Table 8c. Outdoor Air Sampling Analytical Results Summary Table, Water Treatment and Other Chemicals, Chevron Cincinnati Facility, Hooven, Ohio.

Outdoor Air Sample ID	Date	TO-15 Dilution Factor	1,1,2-Trichlorotrifluoroethane (mg/m³)	Bromodichloromethane (mg/m³)	Bromoform (mg/m³)	Chloroform (mg/m³)	Dibromochloromethane (mg/m³)
Float-OA3	04/06/05	1.91	ND(0.0015)	ND(0.0064)	ND(0.0099)	ND(0.00093)	ND(0.0081)
HOO8-OA1	04/06/05	1.64	ND(0.0012)	ND(0.0055)	ND(0.0085)	ND(0.0008)	ND(0.007)
CHI2-OA2	04/07/05	1.71	ND(0.0013)	ND(0.0057)	ND(0.0088)	ND(0.00083)	ND(0.0073)
Float-OA3	04/07/05	1.79	ND(0.0014)	ND(0.006)	ND(0.0092)	ND(0.00087)	ND(0.0076)
HOO8-OA1	04/07/05	2.06	ND(0.0016)	ND(0.0069)	ND(0.011)	ND(0.001)	ND(0.0088)
CHI2-OA2	04/08/05	1.75	ND(0.0013)	ND(0.0059)	ND(0.009)	ND(0.00085)	ND(0.0074)
Float-OA3	04/08/05	2.12	ND(0.0016)	ND(0.0071)	ND(0.011)	ND(0.001)	ND(0.009)
HOO8-OA1	04/08/05	1.75	ND(0.0013)	ND(0.0059)	ND(0.009)	ND(0.00085)	ND(0.0074)
CHI2-OA2	04/09/05	2.01	ND(0.0015)	ND(0.0067)	ND(0.01)	ND(0.00098)	ND(0.0086)
Float-OA3	04/09/05	2.06	ND(0.0016)	ND(0.0069)	ND(0.011)	ND(0.001)	ND(0.0088)
Float-OA3 Dup	04/09/05	1.96	ND(0.0015)	ND(0.0066)	ND(0.01)	ND(0.00096)	ND(0.0083)
HOO8-OA1	04/09/05	2.06	ND(0.0016)	ND(0.0069)	ND(0.011)	ND(0.001)	ND(0.0088)
CHI2-OA2	04/11/05	1.79	ND(0.0014)	ND(0.006)	ND(0.0092)	ND(0.00087)	ND(0.0076)
Float-OA3	04/11/05	2.36	ND(0.0018)	ND(0.0079)	ND(0.012)	ND(0.0012)	ND(0.01)
HOO8-OA1	04/11/05	2.06	ND(0.0016)	ND(0.0069)	ND(0.011)	ND(0.001)	ND(0.0088)
CHI2-OA2	04/12/05	1.68	ND(0.0013)	ND(0.0056)	ND(0.0087)	ND(0.00082)	ND(0.0072)
Float-OA3	04/12/05	2.23	ND(0.0017)	ND(0.0075)	ND(0.012)	ND(0.0011)	ND(0.0095)
CHI2-OA2	04/13/05	1.75	ND(0.0013)	ND(0.0059)	ND(0.009)	ND(0.00085)	ND(0.0074)
Float-OA3	04/13/05	2.01	ND(0.0015)	ND(0.0067)	ND(0.01)	ND(0.00098)	ND(0.0086)
HOO8-OA1	04/13/05	1.68	ND(0.0013)	ND(0.0056)	ND(0.0087)	ND(0.00082)	ND(0.0072)
HOO8-OA1 Dup	04/13/05	1.83	ND(0.0014)	ND(0.0061)	ND(0.0094)	ND(0.00089)	ND(0.0078)
CHI2-OA2	04/14/05	2.12	ND(0.0016)	ND(0.0071)	ND(0.011)	ND(0.001)	ND(0.009)
CHI2-OA2 Dup	04/14/05	1.75	ND(0.0013)	ND(0.0059)	ND(0.009)	ND(0.00085)	ND(0.0074)
Float-OA3	04/14/05	3.83	ND(0.0029)	ND(0.013)	ND(0.02)	ND(0.0019)	ND(0.016)
HOO8-OA1	04/14/05	1.71	ND(0.0013)	ND(0.0057)	ND(0.0088)	ND(0.00083)	ND(0.0073)
CHI2-OA2	04/15/05	2.23	ND(0.0017)	ND(0.0075)	ND(0.012)	ND(0.0011)	ND(0.0095)
Float-OA3	04/15/05	2.12	ND(0.0016)	ND(0.0071)	ND(0.011)	ND(0.001)	ND(0.009)
HOO8-OA1	04/15/05	2.30	ND(0.0018)	ND(0.0077)	ND(0.012)	ND(0.0011)	ND(0.0098)
FLOAT-OA3	05/02/05	2.17	ND(0.0017)	ND(0.0073)	ND(0.011)	ND(0.001)	ND(0.0092)
CHI2-OA2	05/03/05	2.23	ND(0.0017)	ND(0.0075)	ND(0.012)	ND(0.0011)	ND(0.0095)
FLOAT-OA3	05/03/05	2.23	ND(0.0017)	ND(0.0075)	ND(0.012)	ND(0.0011)	ND(0.0095)
HOO8-OA1	05/03/05	2.30	ND(0.0018)	ND(0.0077)	ND(0.012)	ND(0.0011)	ND(0.0098)
CHI2-OA2 Dup	05/04/05	4.44	ND(0.0034)	ND(0.015)	ND(0.023)	ND(0.0022)	ND(0.019)
FLOAT-OA3	05/04/05	3.50	ND(0.0027)	ND(0.012)	ND(0.018)	ND(0.0017)	ND(0.015)
CHI2-OA2	05/11/05	2.12	ND(0.0016)	ND(0.0071)	ND(0.011)	ND(0.001)	ND(0.009)
Float-OA3	05/11/05	2.17	ND(0.0017)	ND(0.0073)	ND(0.011)	ND(0.001)	ND(0.0092)
HOO1-OA1	05/11/05	2.17	ND(0.0017)	ND(0.0073)	ND(0.011)	ND(0.001)	ND(0.0092)

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Table 9. Source Evaluation Toxicity and COPC Screen, Chevron Cincinnati Facility, Hooven, Ohio

Constituent[1]	Detected in NAPL[2]?	Detected in Groundwater Plume[3]?	Detection Frequency in Deep Vapor Nest Samples over Plume[4]	COPC?
1,3-Butadiene	NA	NA	0%	NO
1,2-Dibromoethane	NO	NO	0%	NO
1,2-Dichloroethane	NO	NO	0%	NO
Naphthalene	YES	YES	0%	YES
Benzene	YES	YES	15%	YES
1,2,4-Trimethylbenzene	YES	YES	12%	YES
1,3,5-Trimethylbenzene	YES	YES	12%	YES
Ethylbenzene	YES	YES	9%	YES
n-Propylbenzene	YES	YES	3%	YES
n-Hexane	NA	YES	30%	YES
Acetone	NO	YES	33%	YES
Isopropylbenzene	YES	YES	3%	YES
Toluene	YES	YES	21%	YES
2-Butanone	NO	YES	21%	YES
Styrene	NO	NO	0%	NO
MTBE	NO	NO	0%	NO
m,p-Xylene	YES	YES	15%	YES
o-Xylene	YES	YES	9%	YES

Notes:

[1] - Constituents listed in order of decreasing toxicity based on Target Concentrations for Risk=10^{-5} from Table 2b of USEPA OSWER Draft VI Guidance.

[2] - NAPL sample taken from MW-96

[3] - Groundwater samples from MW-96, MW-121, MW-122, MW-125, MW-126, MW-127, MW-128

[4] - Based on 33 soil-gas samples from nested vapor wells in plume area, depths of 20 ft-bgs and greater

NA - Not analyzed

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Table 10. Summary of Maximum Detections from Deep Nested Vapor Well Samples Within the Plume, Chevron Cincinnati Facility, Hooven, Ohio

				EPA Guidance Q4(g) pp. 25-28 Generic - Table 2b*		EPA Guidance Q5(f) pp. 33-34 Table 3b-SG*	
Constituent	Number of Detections[1]	Percent Detection	Maximum Detection (mg/m^3)	Screening Level[2,3] (mg/m^3)	Maximum Detection / Screening Level (α=0.01) (unitless)	Screening Level[2,4] (mg/m^3)	Maximum Detection / Screening Level (Table 3b-SG) (unitless)
Benzene	6	17%	4.0	0.3	1.3E+01	4.5	8.9E-01
Toluene	7	20%	0.061	40	1.5E-03	400	1.5E-04
Ethylbenzene	3	9%	0.28	2	1.3E-01	32	8.8E-03
m,p-Xylene	5	14%	0.038	700	5.4E-05	7,000	5.4E-06
o-Xylene	3	9%	0.012	700	1.7E-05	7,000	1.7E-06
n-Hexane	10	29%	180	20	9.0E+00	290	6.2E-01
1,3,5-Trimethylbenzene	3	9%	0.015	1	2.5E-02	8.5	1.8E-03
1,2,4-Trimethylbenzene	4	11%	0.22	1	3.7E-01	8.5	2.6E-02
Isopropylbenzene	1	3%	0.21	40	5.3E-03	570	3.7E-04
n-Propylbenzene	1	3%	0.18	14	1.3E-02	200	9.0E-04
Naphthalene	0	0%	ND(0.046)[5]	0.3	1.5E-01	4.3	1.1E-02
2-Butanone	7	20%	0.06	100	6.0E-04	1400	4.3E-05
Acetone	11	31%	0.32	35	9.1E-03	500	6.4E-04

Notes:

[1] - Based on 35 soil-gas samples from nested vapor wells in plume area, depths of 20 ft-bgs and greater

[2] - Target concentrations for Risk=10^{-5} taken from USEPA OSWER Draft Guidance for Evaluating the Vapor Intrusion to Indoor Air Pathway from Groundwater and Soils (Subsurface Vapor Intrusion Guidance), Table 2b

[3] - Screening levels based on Target Indoor Air concentrations adjusted using attenuation factor (alpha=0.01)

[4] - Screening levels based on Target Indoor Air concentrations from Table 3b-SG using semi-site specific attenuation factors from Figure 3a

[5] - Non-detect reporting limit doubled for screening. See text.

- Sample set includes 12 samples with elevated detection limits

* - Column headers refer to specific questions and page #'s in the OSWER Draft VI Guidance

ND - Non-detection

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Table 11. COPC Screening Comparison of Raoult's Law-Predicted Concentrations with Maximum Detected Vapor Concentrations, Chevron Cincinnati Facility, Hooven, Ohio

					EPA Guidance Q4(g) pp. 25-28 Generic - Table 2b*			EPA Guidance Q5(f) pp. 33-34 Table 3b-SG*				
	Ci, LNAPL	MW-96s Estimated Source Vapor Ci Using Raoult's Law	Maximum Detected Ci in Deep Vapor Over LNAPL	Maximum Detected Ci in Deep Vapor Over Dissolved Contaminant Plume	SGSL (alpha=0.01)	Calculated Ci vapor/ SGSL	Measured Ci/SGSL	Depth to Sample	USEPA Fig. 3a alpha	USEPA Table 3b-SG SGSL (vary w/ depth)	Calculated Ci vapor/ SGSL	Measured Ci/SGSL
		from LNAPL					**					**
	mg/kg	mg/m^3	mg/m^3	mg/m^3	mg/m^3	unitless	unitless	feet	unitless	mg/m^3	unitless	unitless
DETECTED IN LNAPL												
m,p-Xylene	14100	1,120	0.019	0.038	700	**1.6E+00**	5.4E-05	30	1.E-03	7,000	1.6E-01	5.4E-06
Ethylbenzene	4580	369	0.28	0.018	2.2	**1.7E+02**	1.3E-01	55	7.E-04	32	**1.2E+01**	8.8E-03
1,2,4-Trimethylbenzene	14800	124	0.22	ND	0.6	**2.1E+02**	3.7E-01	55	7.E-04	8.5	**1.5E+01**	2.6E-02
Propylbenzene	3280	67	0.18	ND	14	**4.8E+00**	1.3E-02	55	7.E-04	200	3.4E-01	9.0E-04
Benzene	76	58	4.0	0.034	0.3	**1.9E+02**	**1.3E+01**	55	7.E-04	4.5	**1.3E+01**	8.9E-01
1,3,5-Trimethylbenzene	5220	44	0.015	ND	0.6	**7.4E+01**	2.5E-02	40	7.E-04	8.5	**5.2E+00**	1.8E-03
Cumene (Isopropylbenzene)	1070	28	0.21	ND	40	7.0E-01	5.3E-03	55	7.E-04	570	4.9E-02	3.7E-04
o-Xylene	94	7.5	0.0055	0.012	700	1.1E-02	1.7E-05	30	1.E-03	7,000	1.1E-03	1.7E-06
Toluene	25	5.7	0.026	0.061	40	1.4E-01	1.5E-03	30	1.E-03	400	1.4E-02	1.5E-04
Naphthalene	2520	1.7	ND	ND	0.3	**5.6E+00**	ND	*60*	7.E-04	4.3	3.9E-01	ND
n-Butylbenzene	2570	21	NM	NM	14	**1.5E+00**	NM	*60*	7.E-04	200	1.0E-01	NM
sec-Butylbenzene	549	5.0	NM	NM	14	3.5E-01	NM	*60*	7.E-04	200	2.5E-02	NM
2-Methylnaphthalene	6260	3.5	NM	NM	7	5.0E-01	NM	*60*	7.E-04	100	3.5E-02	NM
NOT DETECTED IN NAPL												
tert-Butylbenzene	ND(20)	0.246***	NM	NM	14	1.8E-02	NM	*60*	7.E-04	200	1.2E-03	NM

Notes:
Blue numbers exceed soil-gas screening values and are therefore either retained on the COPC list for further consideration or removed from the list as described in Section 8.2.
*-Column headers refer to specific questions and page #'s in the OSWER Draft VI Guidance
**- Ratios based on larger of maximum detected concentration in deep vapor over LNAPL or Dissolved-Phase Plume during March-May 2005 sampling
***-Source concentration calculated from non-detect laboratory reporting limit
Ci = constituent concentration
ND = Not Detected
NM = Not Measured
Italicized depths refer to the depth to soil gas immediately above LNAPL for compounds with no vapor-phase detects.
Raoult's law calculations performed using estimated LNAPL average molecular weight of 150.
SGSL = Soil-Gas Screening Level, OSWER Table 2b 1E-5 indoor screening level / attenuation factor
Table includes all constituents detected in LNAPL sample from MW-96s and tert-butylbenzene which is commonly found in gasoline. The laboratory data report is in Appendix F.

Table 12. 3D Modeling Input Parameters Used in Generating Figures 20 – 22
Chevron Cincinnati Facility, Hooven, Ohio

Building/foundation parameters
Length: 10 m
Width: 10 m
Depth in soil:
- 2.0 m (basement type)
- 0.2 m (slab-on-grade type)

Foundation thickness (d_{ck}): 0.15 m
Enclosed space volume (V_b):174 m^3
Air exchange rate (A_{ex}): 0.5 h^{-1}
Crack width (w_{ck}): 0.001 m
Total crack length: 39 m
Crack location:
- Perimeter

Disturbance pressure (p^{indoor}): 5 Pa

Soil Properties
Soil bulk density (ρ_b): 1700 kg/m^3
Mass fraction of organic carbon in the soil (f_{oc}):
- 0.001 kg-oc/kg-soil

Moisture-filled porosity (Φ_w): 0.07 m^3_{water}/m^3_{soil}
Total soil porosity (Φ_T): 0.35 m^3_{voids}/m^3_{soil}
Soil permeability to soil gas flow (K_g): 10^{-11} m^2

Soil domain[a] dimensions in (x,y,z) directions
- 24 m x 24 m x (1 - 14m depths)

Discretization[b] (see sample grid in Figure 1)
- Number of grid nodes: $3x10^4$
- Spacing in fine grid area 0.05 – 0.2 m
- Spacing in coarse grid area 0.4 – 2.0 m

Algorithm parameters
Numerical scheme: implicit
Disturbance pressure subroutine:
- Variable time step range: 0.001 s – 2 h
- Percent change allowed/time step: 10%

Concentration subroutine:
- Variable time step range: 80 s – 100 h
- Percent change allowed/time step: 5-55%

Hydrocarbon vapor source properties
Location: base of vadose zone
Source size: entire domain footprint

Hydrocarbon properties
Molecular diffusion coefficient in air (D_i^a):
- 3.17E-2 m^2/h

Molecular diffusion coefficient in water (D_i^w):
- 3.53E-6 m^2/h

Overall effective diffusion coefficient for transport in the porous media (D_i): 3.73E-3 m^2/h
Overall effective diffusion coefficient for transport in the crack (D_{ick}): 3.17E-2 m^2/h
Henry's Law constant (H_i):
- 0.228 m^3_{water}/m^3_{vapor}

Sorption coefficient of hydrocarbon to organic carbon ($K_{oc,i}$): 61.7 kg/kg-oc
Atmospheric concentration: 0.0

Oxygen properties
Molecular diffusion coefficient in air (D_i^a):
- 7.2E-2 m^2/h

Molecular diffusion coefficient in water (D_i^w):
- 8.7E-6 m^2/h

Overall effective diffusion coefficient for transport in porous media (D_i): 8.48E-3 m^2/h
Overall effective diffusion coefficient for transport in the crack ($D_{i,ck}$): 7.2E-2 E-2 m^2/h
Henry's Law constant (H_i):
- 31.6 m^3_{water}/m^3_{vapor}

Sorption coefficient of oxygen to organic carbon ($K_{oc,i}$): negligible, assumed 0 kg/kg-oc
Ratio of oxygen to hydrocarbon consumed (rk_o):
- 3 kg-oxygen/kg-hydrocarbon

Threshold concentration (C_{oxy}^{limit}): 13.7 mg/L_{vapor}
Atmospheric concentration: 279 mg/L_{vapor}

Others
Dynamic viscosity of air (μ_g): 0.0648 Kg/m/h

[a] *The symmetrical scenario domain includes only a quarter of the building footprint in the simulation.*
[b] Note that although the grid size and distribution vary over a wide range, the discretization around the building crack area is the same for all the simulated scenarios.

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Table 13a. Inputs for Model Calibration, Chemical and Soil Properties, Chevron Cincinnati Facility, Hooven, Ohio

Chemical properties	**units**	**2,2,4-Trimethylpentane[a]**	**References**
Chemical diffusivity in air	cm^2/s	5.98E-02	
Chemical diffusivity in water	cm^2/s	7.13E-06	*(1,2)*
Henry's Law constant	-	29.1	
Soil properties			
Soil type		Sand	
Soil total porosity	cm^3/cm^3	0.375	*(3)*
Volumetric water content	cm^3/cm^3	0.053	

Notes:

[a] The diffusivity used was for n-octane and the Henry's law was calculated from physico-chemical data

(1) USEPA Draft guidance for evaluating the vapor intrusion to indoor air pathway from groundwater and soils (subsurface vapor intrusion guidance). OSWER, 2002. http://www.epa.gov/correctiveaction/eis/vapor/guidance.pdf

(2) Gustafson, J. B.; Tell, J. G. and Orem, D. Selection of Representative TPH Fractions Based on Fate and Transport Considerations. *Total Hydrocarbon Criteria Working Group Series*, 1997. Vol. 3.

(3) USEPA Supplemental Guidance for Developing Soil Screening Levels for Superfund Sites. OSWER, 2002.

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Table 13b. Inputs for Model Calibration, Model Calibration Using 2,2,4-Trimethylpentane Data, Chevron Cincinnati Facility, Hooven, Ohio

Site Data					Model Calibration	
Sampling point	Source vapor concentration ($\mu g/m^3$)	Source depth (ft-bgs)	Depth interval (ft-bgs) (CO_2 increases)	Depth interval (ft-bgs) (O_2 > 1% v/v)	Location of dominant layer (ft-bgs)	I (h^{-1})
VW-96 Over Plume	820	55	35-55	0-50	38-51	2
VW-99 Over Plume	1000	55	20-55	0-35	20-47	3.3

Notes:
ft-bgs - feet below ground surface

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Table 14a. Inputs for Vapor Intrusion Modeling, Building Parameters, Chevron Cincinnati Facility, Hooven, Ohio

Chemical properties	units	2,2,4-Trimethylpentane[a]	Benzene	Hexane	References
Chemical diffusivity in air	cm^2/s	5.98E-02	8.80E-02	2.0E-01	
Chemical diffusivity in water	cm^2/s	7.13E-06	9.80E-06	7.77E-06	*(1,2)*
Henry's Law constant	-	29.1	0.228	68.2	
Soil properties					
Soil type		Sand			
Soil total porosity	cm^3/cm^3	0.375			*(3)*
Volumetric water content	cm^3/cm^3	0.053			
Building parameter					
Building area	m^2	100			
Foundation depth below grade	m	2 (basement) 0.2 (slab-on-grade)			
Ratio: (area cracks/area building)	-	0.005 1.0 (bare soil)			*(1)*
Outdoor air exchange rate	1/d	12			
Building Mixing Height	m	3			
Foundation thickness	m	0.15			
Effective vapor diffusion coefficient through the crack	cm^2/s	5.98E-02	8.80E-02	2.0E-01	

Notes:

[a] The diffusivity used was for n-octane and the Henry's law was calculated from physico-chemical data

(1) USEPA Draft guidance for evaluating the vapor intrusion to indoor air pathway from groundwater and soils (subsurface vapor intrusion guidance). OSWER, 2002. http://www.epa.gov/correctiveaction/eis/vapor/guidance.pdf

(2) Gustafson, J. B.; Tell, J. G. and Orem, D. Selection of Representative TPH Fractions Based on Fate and Transport Considerations. *Total Hydrocarbon Criteria Working Group Series*, 1997. Vol. 3.

(3) USEPA Supplemental Guidance for Developing Soil Screening Levels for Superfund Sites. OSWER, 2002.

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Table 14b. Inputs for Vapor Intrusion Modeling, Attenuation Factors for 2,2,4-Trimethylpentane, Chevron Cincinnati Facility, Hooven, Ohio

Site Data			Model Application			
Sampling point	Source vapor concentration (mg/m^3)	Source depth (ft-bgs)	I (h^{-1})	Building Type	Attenuation factor a-no-bio	a-bio
VW-96 Over Plume	820	55	2	Slab-on-grade (crack ratio: 0.005)	1.3E-04	2.7E-06
VW-99 Over Plume	1000	55	3.3		1.3E-04	3.0E-09
VW-96 Over Plume	820	55	2	Basement (crack ratio: 0.005)	1.5E-04	3.2E-06
VW-99 Over Plume	1000	55	3.3		1.5E-04	4.0E-09
VW-96 Over Plume	820	55	2	Basement bare soil (crack ratio: 1)	1.6E-04	3.5E-06
VW-99 Over Plume	1000	55	3.3		1.6E-04	4.9E-09

Notes:
ft-bgs - feet below ground surface

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Table 14c. Inputs for Vapor Intrusion Modeling, Attenuation Factors for Benzene, Chevron Cincinnati Facility, Hooven, Ohio

Site Data				Model Application		
Sampling point	Source vapor concentration (mg/m^3)	Source depth (ft-bgs)	Building type	I (h^{-1})	Attenuation factor a-no-bio	a-bio
VW-96 Over Plume	4	55	Slab-on-grade (crack ratio: 0.005)	2	1.9E-04	2.0E-21
				1	1.9E-04	1.7E-16
				0.5	1.9E-04	5.4E-13
				0.1	1.9E-04	3.2E-08
VW-99 Over Plume	2.5*	55		3.3	1.9E-04	9.0E-49
				0.5	1.9E-04	8.0E-22
				0.1	1.9E-04	3.7E-12
				0.05	1.9E-04	8.0E-10
				0.025	1.9E-04	3.7E-08
VW-96 Over Plume	4	55	Basement (crack ratio: 0.005)	2	2.1E-04	2.4E-21
				1	2.1E-04	1.9E-16
				0.5	2.1E-04	6.2E-13
				0.1	2.1E-04	3.7E-08
VW-99 Over Plume	2.5*	55		3.3	2.1E-04	1.2E-48
				0.5	2.1E-04	1.1E-21
				0.1	2.1E-04	4.8E-12
				0.05	2.1E-04	1.0E-09
				0.025	2.1E-04	4.7E-08
VW-96 Over Plume	4	55	Basement bare soil (crack ratio: 1)	2	2.3E-04	2.8E-21
				1	2.3E-04	2.3E-16
				0.5	2.3E-04	7.2E-13
				0.1	2.3E-04	4.3E-08
VW-99 Over Plume	2.5*	55		3.3	2.3E-04	1.6E-48
				0.5	2.3E-04	1.5E-21
				0.1	2.3E-04	6.5E-12
				0.05	2.3E-04	1.4E-09
				0.025	2.3E-04	6.2E-08

Notes:
ft-bgs - feet below ground surface
* this was a ND value

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Table 14d. Inputs for Vapor Intrusion Modeling, Attenuation Factors for Hexane, Chevron Cincinnati Facility, Hooven, Ohio

Site Data				Model Application		
Sampling point	Source vapor concentration (mg/m^3)	Source depth (ft-bgs)	Building type	I (h^{-1})	Attenuation factor a-no-bio	a-bio
VW-96 Over Plume	31	55	Slab-on-grade (crack ratio: 0.005)	70	4.0E-04	5.9E-08
				140	4.0E-04	1.3E-09
				200	4.0E-04	1.1E-10
VW-99 Over Plume	180	55		30	4.0E-04	3.5E-09
				60	4.0E-04	2.2E-11
				90	4.0E-04	4.8E-13
VW-96 Over Plume	31	55	Basement (crack ratio: 0.005)	70	4.5E-04	6.7E-08
				140	4.5E-04	1.5E-09
				200	4.5E-04	1.3E-10
VW-99 Over Plume	180	55		30	4.5E-04	4.3E-09
				60	4.5E-04	2.8E-11
				90	4.5E-04	5.9E-13
VW-96 Over Plume	31	55	Basement Bare soil (crack ratio: 1)	70	5.3E-04	8.5E-08
				140	5.3E-04	2.0E-09
				200	5.3E-04	1.6E-10
VW-99 Over Plume	180	55		30	5.3E-04	6.8E-09
				60	5.3E-04	4.4E-11
				90	5.3E-04	9.6E-13

Notes:

ft-bgs - feet below ground surface

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