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September 7, 2016

Mr. Sin-Kie Tjho
Project Manager
United States Environmental Protection Agency, Region 2
290 Broadway, 22nd Floor
New York, New York 10007

Re: Justification for No Further Action for Lead and TEL in Soil
Solid Waste Management Units 31 and 41
Former Chevron Perth Amboy Facility
Perth Amboy, New Jersey
SRP PI # 003621

Dear Mr. Tjho:

INTRODUCTION

Solid Waste Management Units (SWMUs) 31 and 41 are situated in the northeastern portion of the Main Yard at the Former Chevron Perth Amboy Facility, which is located at 1200 State Street, Perth Amboy, New Jersey (Facility). These areas were identified as requiring corrective measures (CMs) in the Corrective Measures Study (CMS) Final Report (Chevron 2008a). The United States Environmental Protection Agency (USEPA) issued a Resource Conservation and Recovery Act (RCRA) Hazardous and Solid Waste Amendments (HSWA) Permit Renewal (Permit) for the Facility on September 3, 2013 (USEPA 2013). The Permit identified the following CMs for SWMU 31:

1. In-situ stabilization (ISS) for lead in soil with a deed notice filed afterwards
2. Filing of a deed notice for benzo(a)pyrene (BaP) concentrations less than 10 milligrams per kilogram (mg/kg) and greater than 0.66 mg/kg
3. No further action (NFA) for groundwater

The Permit identified the following CMs for SWMU 41:

1. In-situ chemical oxidation (ISCO) treatment for organic contaminants in soil, supplemented by enhanced bioremediation, if required
2. ISS for lead in soil with a deed notice filed afterwards
3. Filing of a deed notice for BaP concentrations less than 10 mg/kg and greater than 0.66 mg/kg

4. A cap for arsenic in soil greater than 20 mg/kg
5. Monitored natural attenuation and filing a Classification Exception Area for groundwater

A Pre-Design Investigation (PDI) was performed in 2016 to define the extent of the lead and TEL contamination in soil and to close remaining data gaps within SWMUs 31 and 41. The purpose of this letter is to summarize investigations that have been conducted at SWMUs 31 and 41 and to provide justification for an NFA determination for lead and TEL in soil.

SUMMARY OF HISTORICAL INVESTIGATIONS

RCRA Facility Investigations (RFI)

SWMU 31 consists of the Facility's Effluent Treatment Plant (ETP), which has been in operation since 1977. The ETP treats process wastewater and stormwater and discharges treated water to Woodbridge Creek. SWMU 41 is located within SWMU 31 and represents a former, 200- by 400-foot bermed impoundment known as the "Drying Area." The impoundment was backfilled in the 1970s. The Permit identifies SWMU 24 as an area where CMs are required during the CM Implementation (CMI). SWMU 24 is partially located within SWMU 31, and the results of the SWMU 24 PDI will be presented in a separate report.

A RCRA Facility Investigation (RFI) was conducted in two phases. The 1st Phase RCRA Facility RFI was completed in 1995/1996 (Chevron 1997). The Full RFI was completed in 2002/2003 (Chevron 2003). During the 1st Phase RFI, three soil borings (U041-001, U041-003, and SB-0184) were advanced within SWMUs 31 and 41. Soil samples were collected from soil boring SB-0184 for benzene and BaP analyses. In 2002, three soil borings (S0840, S0858 and S1331) were advanced as part of the Full RFI. Soil samples were collected from borings S0840 and S0858 from various depth intervals and analyzed for arsenic, benzene, lead, and BaP. In 2003, three soil borings (S1380 through S1382) were advanced, and soil samples were collected from various depth intervals for arsenic, benzene, lead and BaP analyses.

Since the findings and conclusions of these investigations were previously reported to USEPA in the 2003 RFI Report (Chevron 2003), they are only summarized here. For this NFA justification, a two-acre functional area as defined by the New Jersey Department of Environmental Protection (NJDEP) Attainment Guidance (NJDEP 2012) has been identified. As required, the functional area is biased to include the worst case contaminant concentrations. The functional area is shown on Figure 1 and includes the SWMU 31 area north of the ETP Biodisc Units. Figure 1 presents the historical boring locations within the functional area and analytical results on an aerial photograph. On Figure 1, the boring location at which the level above the CMI action level was identified is noted in red, and the concentration above the CMI action level is highlighted in yellow. Of all the RFI results within this area, only one sample (S1381 at a depth interval of 6.0 – 6.5 feet below ground surface [bgs]) contained lead above the CMI action level (800 mg/kg).

Investigations Post RFI

In 2006 and 2012, two soil borings (S2090 and S2091) were advanced, and soil samples were analyzed for lead. All results were below the CMI action level. In 2006, soil boring S2192 was

advanced adjacent to historical soil boring S1381, and a soil sample was collected at a depth interval of 8.5 to 9.0 feet bgs and analyzed for lead and tetra-ethyl lead (TEL). While the result for lead (361 J[1] mg/kg) was below the CMI action level and TEL was reported as nondetect, the method detection limit (MDL) was greater than the TEL CMI action level of 2 mg/kg.

During the 2015 SWMU 41 light, nonaqueous phase liquid (LNAPL) investigation, six soil borings (S4672 through S4677) were advanced near the northeast corner of SWMU 41. Soil samples were collected for lead and BaP analysis. Lead results were below the CMI action level, with the exception of one result (828 mg/kg) in a sample collected from S4673 at the 11.0 to 11.5 feet bgs depth interval. Table 1 summarizes pre-PDI lead and TEL results above their CMI action levels of 800 mg/kg and 2 mg/kg, respectively.

Table 1
SWMUs 31 and 41 Pre-PDI Results
for Lead and TEL above CMI Action Level [1]

Boring ID	Sample Date	Sample Depth (feet bgs)	Lead (mg/kg)	TEL (mg/kg)
S1381	1/06/2003	6.0 – 6.5	1,880	NS
S2192	11/01/2006	8.5 – 9.0	--	4.3 U
S4673	5/01/2015	11.0 – 11.5	828	NS

NS = not sampled
U = compound was not detected at the MDL noted
-- = result was below the CMI action level
[1] CMI action levels are 800 mg/kg for lead and 2 mg/kg for TEL. Detected and nondetect results with MDLs above the CMI action levels are included.

Evaluation of Groundwater

Monitoring wells MW-0030, MW0-0031 and MW-0032 were installed in SWMUs 31 and 41 in 1997; MW-0031 was reinstalled as MW-0031R in 2013 after the original well was destroyed. Monitoring well MW-136 was installed in 2002, and deep well MW-237 was installed in 2006. During only the first two sampling events after installation (April and September 1997), lead was detected above the CMI action level of 50 micrograms per liter (µg/L) in groundwater samples collected from monitoring wells MW-0030, MW-0031 and MW-0032. Lead results were below the CMI action level in analytical results from all subsequent monitoring events. Lead results were below the CMI action level in groundwater samples collected from monitoring wells, MW-136 and MW-237, for all monitoring events.

PDI METHODOLOGY

The 2008 CMS Report identified SWMUs 31 and 41 as requiring ISS for the treatment of lead-impacted soil that exceeded the CMI action level of 800 mg/kg. As shown in Table 1, only two

[1] J is a laboratory qualifier indicating an estimated value.

results for lead exceeded the CMI action level. One TEL result was nondetect, with an MDL that exceeded the CMI action level.

The objectives of the 2016 PDI were to confirm the historical results and horizontally and vertically delineate lead and TEL impacts. PDI soil boring locations were determined in the field using a 30-foot by 30-foot sampling grid. Soil borings were advanced at grid nodes or as close to the grid nodes as practical given subsurface conditions and the results of pre-drilling clearance activities for underground obstructions.

Soil borings were logged for visual appearance, olfactory observations, and field x-ray fluorescence (XRF) and photoionization detector (PID) readings. Characteristics such as color, grain size, plasticity and moisture content were recorded. A Unified Soil Classification System code was assigned to each soil type based on field observations. PDI and historical boring logs are included in Attachment 1.

Soil cuttings remaining after completion of sample collection were backfilled into the soil boring from which they were extracted. The surface was restored to previous site conditions and marked for surveying. All PDI borings were surveyed for elevation (in the National Geodetic Vertical Datum 29) and surface location.

Lead Sample Collection

Total lead soil samples were collected based on XRF field screening and from depths corresponding to the depths of soil impacts identified during previous investigations. Soil was screened in 6-inch intervals using an XRF unit. Generally, the intervals with readings for lead above 500 parts per million (ppm) were collected for laboratory analysis.

To delineate the vertical extent of environmental impacts in each boring, soil samples were collected from intervals that did not exhibit the potential for environmental impact located stratigraphically above and below each suspected impacted interval. If field screening did not indicate the presence of impacted soil, samples were collected from the interval exhibiting the highest XRF reading. A toxicity characteristic leaching procedure (TCLP) lead sample was collected in conjunction with each total lead sample and was placed on hold for contingent analysis pending the total lead result. The TCLP lead samples were analyzed if total lead was detected at or above concentrations of 800 mg/kg.

TEL Sample Collection

Soil samples for TEL analysis were collected from the 8.5 to 9.0 feet bgs depth interval to confirm the nondetect result in historical soil boring S2192. In addition, four borings were advanced to a minimum depth of 10 feet bgs to achieve horizontal delineation of the potential TEL impacts identified in S2192. Since the potential TEL impacts are not limited to a specific depth interval, each soil boring was screened with a PID in 6-inch intervals along the entire length of the core. Soil samples were collected from the 6-inch interval exhibiting the greatest potential for TEL impacts based on field screening (i.e., highest PID readings, staining, and/or odors). TEL soil samples were also collected from the 6-inch interval corresponding to the depths of soil impacts identified during previous investigations. To define the vertical extent of the potential TEL impacts,

soil samples were collected stratigraphically above and below the suspected impacted interval and placed on hold for contingent analysis pending the TEL result.

Analytical Methods

Soil samples were collected using single-use, disposable scoops, transferred directly into laboratory provided bottles, and placed on ice in a sample cooler. The sample identification number, date, time, requested analytical parameter, and project related information were recorded on the bottle label and on the chain-of-custody form provided by Eurofins Lancaster Laboratory. Samples from potentially impacted zones were analyzed by the laboratory for total lead, TEL, and/or TCLP lead. Quality control (QC) samples were collected as per the Quality Assurance Project Plan (QAPP) guidelines (Chevron 2015). Soil samples were analyzed using USEPA methods, including:

- Total lead – USEPA SW-846 Method 6010B
- TCLP lead – USEPA SW-846 Methods 3010A and 1311
- TEL - USEPA SW-846 Method 8270C

The laboratory analytical results were compared to the site-specific CMI action levels established for the Facility to evaluate potential soil impacts. A summary of historical and PDI analytical results is included in Attachment 2.

PDI RESULTS

A PDI was performed at SWMUs 31 and 41 in April 2016. Ten soil borings were advanced using a track-mounted, direct-push technology Geoprobe® rig. The PDI analytical results are presented in Table 2 (attached). Soil boring locations and PDI sample results are presented on Figure 2.

Evaluation of Historical Borings S1381 and S2192

Historical borings S1381 and S2192 are located east of ETP Tank T9200. As shown on Table 1, one historical lead impact (1,880 mg/kg) was detected above the CMI action level in soil boring S1381 at a depth of 6.0 to 6.5 feet bgs. A historical nondetect TEL result (4.3 U mg/kg) was identified in soil boring S2192 at the 8.5 to 9.0 feet bgs depth interval. The MDL for TEL at the time of analysis was above the CMI action level of 2 mg/kg.

PDI soil boring S5093 was advanced adjacent to historical borings S1381 and S2192 to confirm the lead impact and the potential presence of TEL at this location. Soil samples were collected in soil boring S5093 for total lead analysis at depth intervals of 5.0 to 5.5 feet, 6.0 to 6.5 feet and 7.0 to 7.5 feet bgs. All lead results were below the CMI action level. The concentrations ranged between 4.93 and 104 mg/kg. Soil samples were collected for TEL analysis at the 8.5- to 9.0-foot bgs depth interval. The TEL result was nondetect (0.18 U mg/kg), with an MDL below the CMI action level.

PDI soil borings S5094, S5095, S5097, and S5097 were advanced northwest, northeast, southeast and southwest, respectively, of historical borings S1381 and S2192 to evaluate the potential presence of lead or TEL. As shown in Table 2 and on Figure 2, soil samples were collected from a 6-inch interval between 5.5 and 7.5 feet bgs based on field screening results (i.e., high XRF and PID readings, petroleum odors, and staining). TEL results for all samples were nondetect, with MDLs below the CMI action level. All lead results were below the CMI action level.

Evaluation of Historical LNAPL Boring S4673

Historical soil boring S4673 is located north of ETP Tank T9200, near the northeast corner of SWMU 41 and within SWMU 31. As shown on Table 1, a historical lead impact (828 mg/kg) was detected above the CMI action level of 800 mg/kg in soil boring S4673 at a depth of 11.0 to 11.5 feet bgs.

Boring S5099 was advanced adjacent to historical boring S4673 to confirm the presence of lead in soil at this location. Soil samples were collected from the historically impacted depth of 11.0 to 11.5 feet bgs and from 7.5 to 8.0 feet and 10.0 to 10.5 feet bgs based on field results (i.e., high XRF and PID readings, petroleum odors, staining). Results for all samples were well below the CMI action level.

PDI soil borings S5098, S5100, S5101 and S5102 were advanced west, south, north, and east, respectively, of historical boring S4673 to evaluate the potential presence of lead in soil surrounding it. As shown in Table 2 and on Figure 2, soil samples were collected from a 6-inch interval between 8.0 to 12.5 feet bgs based on field screening results (i.e., high XRF and PID readings, petroleum odors, staining). Soil samples were collected at shallower depths based on XRF field screening results. Lead results for all field samples were below the CMI action level. Only one field duplicate sample collected at S5100 at a depth interval of 11.0 to 11.5 feet bgs contained an elevated lead result (5,850 J mg/kg), but the corresponding sample result (712 J mg/kg) was below the CMI action level. This duplicate sample result is delineated to the northwest by S5098, to the north by S5099, to the northeast by S5102 and S4673, and to the east by S4676. While sampling directly south/southwest is not possible due to the presence of ETP Tank T9200 and the associated infrastructure, historical boring S1380 to the west of the infrastructure provides additional delineation. Two samples were collected from historical boring S1380 at 9.0 to 9.5 feet bgs and 14.5 to 15.0 feet bgs. Both soil sample results (378 and 38.9 mg/kg) were well below the CMI action level for lead.

COMPLIANCE AVERAGING

The NJDEP Attainment Guidance Document allows compliance averaging to demonstrate compliance with applicable regulatory standards. Appendix A of the Guidance provides the procedure for defining a functional area and for using averaging methods. Figure 3 presents the 2-acre functional area for SWMUs 31 and 41 and all lead results for samples collected at a depth of 2 feet bgs or lower as defined in the Guidance for the dermal and inhalation standard at nonresidential sites.

The USEPA-developed software ProUCL (version 5.1.002) was used to estimate the 95 percent Upper Confidence Limit (UCL). Attachment 3 presents the ProUCL output. As shown, the suggested 95% UCL to use for the best fit for the data is 783.9 mg/kg. This result is below the CMI action limit of 800 mg/kg and the NJDEP Nonresidential Direct Contact Soil Remediation Standard (800 mg/kg). As provided by the NJDEP Attainment Guidance, if the average concentration is below the standard, remedial action is not required.

CONCLUSIONS

The sampling results from the PDI described above address the data gaps remaining from historical investigations. A total of 10 borings were advanced in 2016. A total of 17 soil samples were collected for lead analysis, and six soil samples were collected for TEL analysis. With the exception of one field duplicate sample, lead results were below the CMI action level of 800 mg/kg. Results for samples analyzed for TEL were nondetect, with MDLs below the CMI action level.

The historical lead detection above the CMI action limit in soil boring S1381 and the historical TEL nondetect with an MDL above the CMI action limit in soil boring S2192 could not be confirmed because all results from the PDI were below the CMI action level. The historical lead detection at S4673 also could not be confirmed because lead results for all samples were below the CMI action limit with the exception of one field duplicate sample.

Compliance averaging is an approved method to determine if remedial action is required. Using the NJDEP Attainment Guidance methodology (NJDEP 2012), the average concentration for lead is below the CMI action limit. Therefore, no remedial action for lead is necessary.

Although the CMS recommended ISS to address the historical lead exceedance in SWMUs 31 and 41, the extensive PDI results demonstrate that lead and TEL are not present in soil at concentrations above the CMI action level. Therefore, an NFA determination is warranted for lead and TEL in SWMUs 31 and 41 soil.

REFERENCES

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Chevron. 2008a. Corrective Measures Study Final Report for the Main Yard, East Yard, and Central Yard Chevron Perth Amboy Refinery, Perth Amboy, New Jersey. November.

Chevron. 2015. Field Sampling and Analysis Plan – Quality Assurance Project Plan, Chevron Perth Amboy Refinery, Perth Amboy, New Jersey. December.

NJDEP. 2012. Technical Guidance for the Attainment of Remediation Standards and Site-Specific Criteria. September.

USEPA. 2013. Letter to Chevron USA, Inc. and Buckeye Perth Amboy Terminal LLC Notice of Issuance of Final Permit Renewal and Permit Modification I Decision, Chevron USA, Inc. and Buckeye Perth Amboy terminal LLC, EPA ID No: NJD081982902. July 19.

USEPA. 2013. Letter to Chevron USA, Inc. and Buckeye Perth Amboy Terminal LLC Notice of Issuance of Final Permit Renewal and Permit Modification I Decision, Chevron USA, Inc. and Buckeye Perth Amboy terminal LLC, EPA ID No: NJD081982902. July 19.

CLOSING

Based on the soil results and conclusions presented herein, ISS for lead and TEL in soil within SWMUs 31and 41 is not warranted. Chevron therefore requests review and approval by USEPA and NJDEP of this NFA request. If you require additional information for your review, please contact me at (732) 738-2023.

Sincerely,

9/7/16

Robert Mancini
Project Manager
Refining Business Unit

cc: Ms. Anne Pavelka, NJDEP
D-ID Number 2016-059-37

ATTACHMENTS

Table 2 – Summary of PDI Analytical Results (Table 1 is embedded)

Figure 1 – SWMUs 31 and 41 – Historical Investigation Results
Figure 2 – SWMUs 31 and 41 – 2016 PDI and Pertinent Historical Results
Figure 3 – SWMUs 31 and 41 – Lead Results for All Investigations

Attachment 1 – Historical and PDI Boring Logs
Attachment 2 – Summary of Analytical Results
Attachment 3 – ProUCL Output

TABLES

Table 2
Summary of PDI Analytical Results - SWMU 31/41
Justification for No Further Action
Former Chevron Perth Amboy Facility - Perth Amboy, New Jersey

PDI Boring ID	Evaluated for Historical Boring ID	Direction	Date Sampled	Sample Depth (feet bgs)	Sample ID	Lead Analytical Result (mg/kg)	Sample ID	TEL Analytical Result (mg/kg)
S5093	S1381 and S2192	Adjacent	04/12/2016	5.0-5.5	S5093C3	4.93	--	--
			04/12/2016	6.0-6.5	S5093D1	104	--	--
			04/12/2016	7.0-7.5	S5093D3	15.4	--	--
			04/12/2016	8.5-9.0	--	--	S5093E2	0.18 U
S5094	S1381 and S2192	NW	04/12/2016	6.0-6.5	S5094D1	54.2	S5094D1	0.082 U
S5095	S1381 and S2192	NE	04/12/2016	5.5-6.0	S5095C4	8.32	S5095C4	0.087 U
S5096	S1381 and S2192	SE	04/13/2016	5.5-6.0	S5096C4	245	--	--
			04/13/2016	7.0-7.5	S5096D3	40.7 J	S5096D3	0.41 U
S5097	S1381 and S2192	SW	04/13/2016	7.0-7.5	S5097D3	409	S5097D3	0.93 U
			04/13/2016	7.0-7.5	D0413169 [1]	251 J	D0413169	0.7 U
S5098	S4673	West	04/13/2016	12.0-12.5	S5098G1	227	--	--
S5099	S4673	Adjacent	04/15/2016	7.5-8.0	S5099D4	192	--	--
			04/15/2016	10.0-10.5	S5099F1	53.2	--	--
			04/15/2016	11.0-11.5	S5099F3	16.3 J	--	--
S5100	S4673	S	04/15/2016	11.0-11.5	S5100F3	712 J	--	--
			04/15/2016	11.0-11.5	D0415169 [1]	**5850 J**	--	--
S5101	S4673	W	04/20/2016	8.0-8.5	S5101E1	66.7	--	--
			04/20/2016	11.0-11.5	S5101F3	16.5	--	--
S5102	S4673	E	04/21/2016	8.5 - 9	S5102E2	590 J	--	--
			04/21/2016	11 - 11.5	S5102F3	12.7 J	--	--

Notes:
1. Field duplicate
CMI = Corrective Measures Implementation
bgs = Below ground surface
J = Estimated value
mg/kg = Milligrams per kilogram
PDI = Pre-design Investigation
SWMU = Solid Waste Management Unit
TEL = Tetra-ethyl lead
U = Compound was not detected above indicated method detection limit
Gray shading indicates level above the CMI action limit (800 mg/kg for lead and 2 mg/kg for TEL)

FIGURES

Parameter	S4672	S4672	S4672
	S4672B4	S4672D3	S4672E2
	3.5 - 4	7 - 7.5	8.5 - 9
	05/07/2015	05/07/2015	05/07/2015
Arsenic	5.62	134 J	23.8
Benzene	0.0006 U	0.004 J	0.001 UJ
BaP	0.003 U	0.4	0.006 U
Lead	4.06	544 J	27.3
TEL	--	--	--
TOL	--	--	--
TCLP Lead	--	--	--

Parameter	S4674	S4674	S4674
	S4674B4	S4674D3	S4674E4
	3.5 - 4	7 - 7.5	9.5 - 10
	05/01/2015	05/01/2015	05/01/2015
Arsenic	4.28	114	19.2 J
Benzene	0.0005 UJ	0.010 J	0.001 UJ
BaP	0.005 J	3.4	0.007 U
Lead	4.09	480	20.2 J
TEL	--	--	--
TOL	--	--	--
TCLP Lead	--	--	--

Parameter	S4675	S4675	S4675
	S4675B4	S4675C3	S4675E2
	3.5 - 4	5 - 5.5	8.5 - 9
	04/30/2015	04/30/2015	04/30/2015
Arsenic	1.61 J	5.66	18.2 J
Benzene	0.0005 U	0.0005 UJ	0.001 UJ
BaP	0.03	0.010 J	0.007 J
Lead	62.5	5.81	17.3
TEL	--	--	--
TOL	--	--	--
TCLP Lead	--	--	--

Parameter	S4673	S4673	S4673
	S4673B3	S4673F3	S4673H2
	3 - 3.5	11 - 11.5	14.5 - 15
	05/01/2015	05/01/2015	05/01/2015
Arsenic	4.54	26.8	5.94 J
Benzene	0.0006 U	1.1 J	0.002 J
BaP	0.004 U	0.71	0.007 UJ
Lead	7.27	828	10.2 J
TEL	--	--	--
TOL	--	--	--
TCLP Lead	--	--	--

Parameter	S1380	S1380
	S1380E3	S1380H2
	9 - 9.5	14.5 - 15
	01/06/2003	01/06/2003
Arsenic	16.3	10
Benzene	0.30 J	0.14 U
BaP	0.74 J	0.060 J
Lead	378	38.9
TEL	--	--
TOL	--	--
TCLP Lead	--	--

Parameter	S4676	S4676	S4676
	S4676B4	S4676D1	S4676E2
	3.5 - 4	6 - 6.5	8.5 - 9
	05/01/2015	05/01/2015	05/01/2015
Arsenic	5.02	50.5	14.5
Benzene	0.0005 U	0.11 J	0.002 J
BaP	0.57	0.19 J	0.006 U
Lead	6.04	245	21.9
TEL	--	--	--
TOL	--	--	--
TCLP Lead	--	--	--

Parameter	S4677	S4677	S4677	S4677
	S4677B2	S4677D4	S4677E2	D04301513
	2.5 - 3	7.5 - 8	8.5 - 9	--
	04/30/2015	04/30/2015	04/30/2015	04/30/2015
Arsenic	5.33	87.7	13.1	--
Benzene	0.0005 U	0.013 J	0.001 UJ	--
BaP	0.021	0.7	0.022 J	--
Lead	4.37	308	27.1 J	16.2 J
TEL	--	--	--	--
TOL	--	--	--	--
TCLP Lead	--	--	--	--

Parameter	S0840	S0840	S0840
	S0840A2	S0840B1	S0840D3
	0.5 - 1	2 - 2.5	7 - 7.5
	08/19/2002	08/19/2002	08/19/2002
Arsenic	5.2	5.6	12.7
Benzene	0.13 U	0.13 U	0.23 U
BaP	0.12 J	0.20 J	0.060 U
Lead	130	24.5	13.7
TEL	--	--	--
TOL	--	--	--
TCLP Lead	--	--	--

Parameter	S2090	S2090
	S2090I4	S2090M2
	17.5 - 18.0	24.5 - 25
	10/17/2006	10/17/2006
Arsenic	14.2 J	7.43 J
Benzene	0.11 U	0.069 U
BaP	0.059 U	0.053 J
Lead	13.8 J	9.12 J
TEL	--	--
TOL	--	--
TCLP Lead	--	--

Parameter	S2091	S2091	S2091
	S2091E3	S2091G2	S2091J4
	9 - 9.5	12.5 - 13	19.5 - 20
	10/17/2006	10/17/2006	10/17/2006
Arsenic	9.33 J	12.6 J	11.7 J
Benzene	0.12 U	0.12 U	0.11 U
BaP	--	--	--
Lead	19.1 J	12.9 J	12.6 J
TEL	--	--	--
TOL	--	--	--
TCLP Lead	--	--	--

Parameter	S2192
	S2192E2
	8.5 - 9
	11/01/2006
Arsenic	--
Benzene	--
BaP	--
Lead	361 J
TEL	4.3 U
TOL	--
TCLP Lead	34.3 J

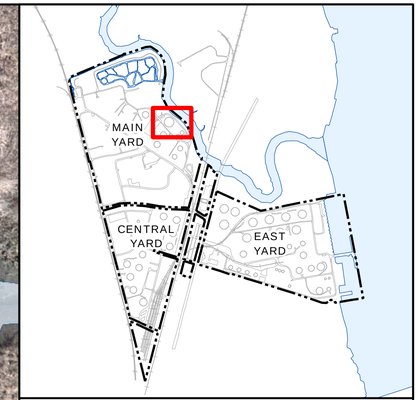
Parameter	S1381	S1381
	S1381D1	S1381D4
	6 - 6.5	7.5 - 8
	01/06/2003	01/06/2003
Arsenic	76.8	43.8
Benzene	0.14 U	0.16 U
BaP	1.2	4.1 U
Lead	1880	361
TEL	--	--
TOL	--	--
TCLP Lead	--	--

Parameter	S1382	S1382
	S1382E4	S1382H3
	9.5 - 10	15 - 15.5
	01/06/2003	01/06/2003
Arsenic	29.2	70
Benzene	27	2.8
BaP	3.7 U	0.84 J
Lead	615	346
TEL	--	--
TOL	--	--
TCLP Lead	--	--

Parameter	S0858	S0858	S0858
	S0858A3	S0858C1	S0858I1
	1 - 1.5	4 - 4.5	16 - 16.5
	09/10/2002	09/10/2002	09/10/2002
Arsenic	2.3	5.7	14.4
Benzene	0.13 U	0.13 U	0.19 U
BaP	0.062 J	0.13 J	0.056 U
Lead	27.8	47.8	16.8
TEL	--	--	--
TOL	--	--	--
TCLP Lead	--	--	--

Parameter	S1748
	S1748C4
	5.5 - 6.0
	04/14/2004
Arsenic	--
Benzene	--
TCLP Benzene	0.5 U
BaP	--
Lead	--
TEL	--
TOL	--
TCLP Lead	--

Parameter	SB-0184
	SB-0184S-D
	6 - 8
	02/14/1996
Arsenic	--
Benzene	0.74 U
BaP	9.6
Lead	--
TEL	--
TOL	--
TCLP Lead	--



Legend

- Soil Boring (Below CM Action Levels)
- Soil Boring (Above CM Action Levels)
- Soil Boring (No Sample)
- Monitoring Well - Deep
- Monitoring Well- Shallow
- Historic Piezometer Location
- Historic Hydropunch/Temporary Well Point Location
- Proposed ISCO Area for Benzene > 13 mg/kg in Soil
- Proposed ISCO Area for Benzene > 100 µg/l in Groundwater
- LNAPL Extent 2011 - 4Q
- Proposed ISS Area for Lead > 800 mg/kg in Soil
- Proposed ESS Area for Lead > 800 mg/kg in Soil
- Proposed ESS Area for TEL/TOL > 2 mg/kg in Soil
- Two Acre Functional Area for SWMUs 31 and 41
- SWMU
- TEL

Sample Depth Range (ft. bgs)

- 0 - 5
- 5 - 10
- 10 - 15
- 15 - 20
- 20 - 25
- 25 - 30

Soil Sample Results Header

S299984	Sample ID
S2996	Soil Boring ID
0-0.5	Depth Interval (ft, bgs)
09/19/2012	Sample Date

CM Action Levels

Parameter	Corrective Measure Action Levels	Units
Arsenic	20	mg/Kg
Benzene	13	mg/Kg
BaP	10	mg/Kg
Lead	800	mg/Kg
TEL	2	mg/Kg
TOL	2	mg/Kg
TCLP Lead	5,000	µg/L

Notes:

* Aerial photograph dated 3 April 2012 was provided by Borbas Surveying and Mapping, LLC.
* Yellow highlighted value exceeds corrective measure (CM) action levels.
* U = Compound was detected below the method detection limit.
* J = Estimated value
* -- = Not analyzed/Depth not avaiable
* Samples without chem boxes either have no analytical samples collected or no PCOC data.
* Gray label indicates abandoned monitoring well.

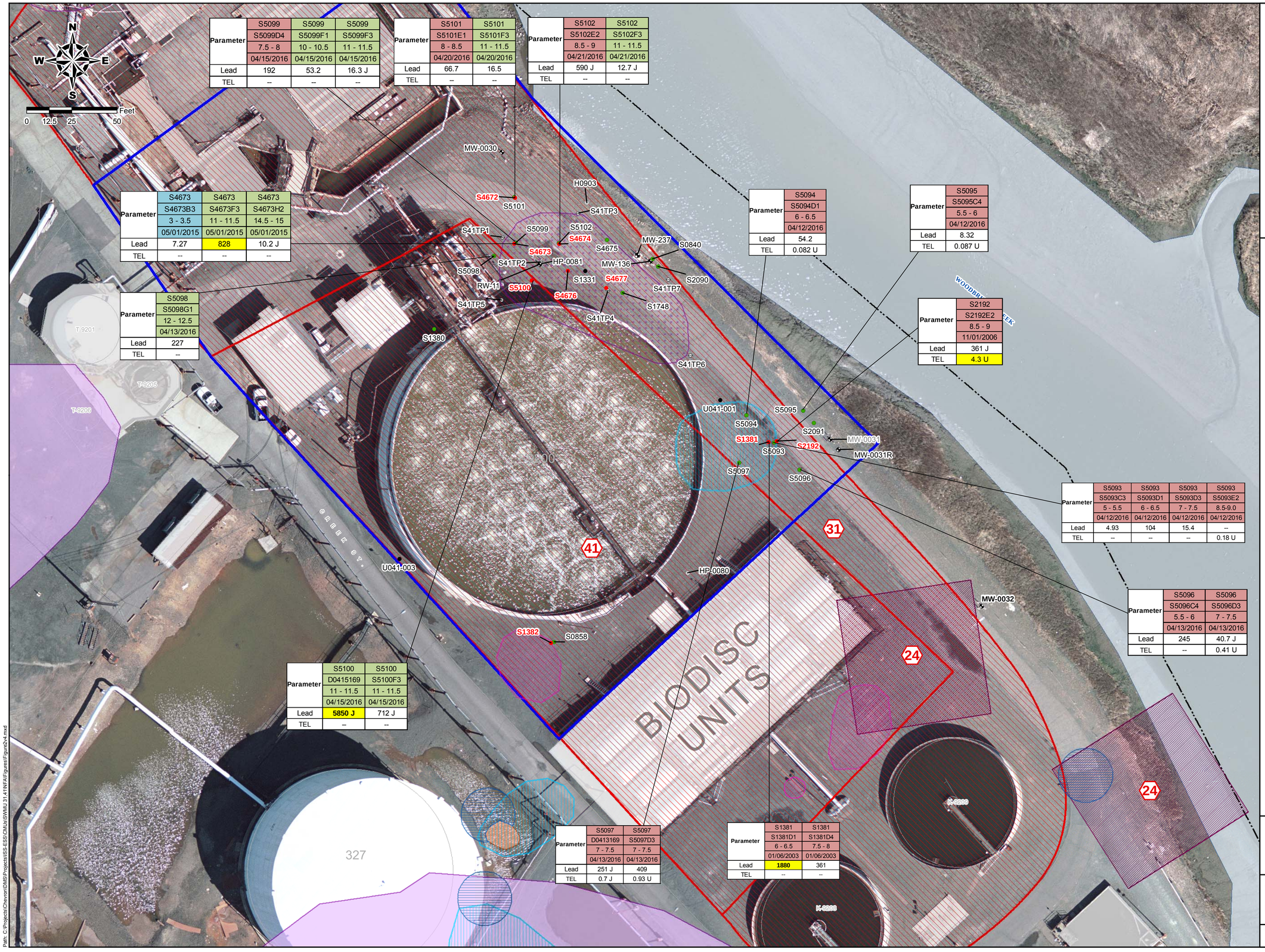
HISTORICAL INVESTIGATION RESULTS
JUSTIFICATION FOR NO FURTHER ACTION-SWMU 31 AND SWMU 41

Chevron

CHEVRON
ENVIRONMENTAL MANAGEMENT COMPANY
PERTH AMBOY, NEW JERSEY

PROJECT #:	DATE:	DWN:	CHKD:	FIG NO.:
449789-37210	8/30/2016	TDU	JL	1

Path: C:\Projects\Chevron\DMS\Projects\ISS-ESS\CMJus\SWMU 31,41\NFA\Figures\Figure1v4_new.mxd



Parameter	S5099	S5099	S5099
	S5099D4	S5099F1	S5099F3
	7.5 - 8	10 - 10.5	11 - 11.5
	04/15/2016	04/15/2016	04/15/2016
Lead	192	53.2	16.3 J
TEL	--	--	--

Parameter	S5101	S5101
	S5101E1	S5101F3
	8 - 8.5	11 - 11.5
	04/20/2016	04/20/2016
Lead	66.7	16.5
TEL	--	--

Parameter	S5102	S5102
	S5102E2	S5102F3
	8.5 - 9	11 - 11.5
	04/21/2016	04/21/2016
Lead	590 J	12.7 J
TEL	--	--

Parameter	S4673	S4673	S4673
	S4673B3	S4673F3	S4673H2
	3 - 3.5	11 - 11.5	14.5 - 15
	05/01/2015	05/01/2015	05/01/2015
Lead	7.27	828	10.2 J
TEL	--	--	--

Parameter	S5098
	S5098G1
	12 - 12.5
	04/13/2016
Lead	227
TEL	--

Parameter	S5094
	S5094D1
	6 - 6.5
	04/12/2016
Lead	54.2
TEL	0.082 U

Parameter	S5095
	S5095C4
	5.5 - 6
	04/12/2016
Lead	8.32
TEL	0.087 U

Parameter	S2192
	S2192E2
	8.5 - 9
	11/01/2006
Lead	361 J
TEL	4.3 U

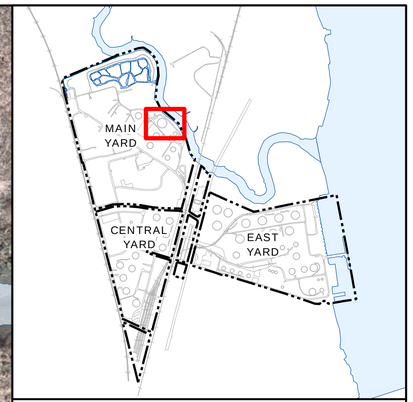
Parameter	S5093	S5093	S5093	S5093
	S5093C3	S5093D1	S5093D3	S5093E2
	5 - 5.5	6 - 6.5	7 - 7.5	8.5-9.0
	04/12/2016	04/12/2016	04/12/2016	04/12/2016
Lead	4.93	104	15.4	--
TEL	--	--	--	0.18 U

Parameter	S5096	S5096
	S5096C4	S5096D3
	5.5 - 6	7 - 7.5
	04/13/2016	04/13/2016
Lead	245	40.7 J
TEL	--	0.41 U

Parameter	S5100	S5100
	D0415169	S5100F3
	11 - 11.5	11 - 11.5
	04/15/2016	04/15/2016
Lead	5850 J	712 J
TEL	--	--

Parameter	S5097	S5097
	D0413169	S5097D3
	7 - 7.5	7 - 7.5
	04/13/2016	04/13/2016
Lead	251 J	409
TEL	0.7 J	0.93 U

Parameter	S1381	S1381
	S1381D1	S1381D4
	6 - 6.5	7.5 - 8
	01/06/2003	01/06/2003
Lead	1880	361
TEL	--	--



Legend

- Soil Boring (Above CM Action Levels)
- Soil Boring (Below CM Action Levels)
- Soil Boring (No Sample)
- Monitoring Well - Deep
- Monitoring Well- Shallow
- Historic Piezometer Location
- Historic Hydropunch/Temporary Well Point Location
- Proposed ISCO Area for Benzene > 13 mg/kg in Soil
- Proposed ISCO Area for Benzene > 100 µg/l in Groundwater
- LNAPL Extent 2011 - 4Q
- Proposed ISS Area for Lead > 800 mg/kg in Soil
- Proposed ESS Area for Lead > 800 mg/kg in Soil
- Proposed ESS Area for TEL/TOL > 2 mg/kg in Soil
- Two Acre Functional Area for SWMUs 31 and 41
- SWMU
- TEL

Sample Depth Range (ft. bgs)

- 0 - 5
- 5 - 10
- 10 - 15
- 15 - 20
- 20 - 25
- 25 - 30

Soil Sample Results Header

S295584	Sample ID
S2995	Soil Boring ID
0-0.5	Depth Interval (ft, bgs)
09/19/2012	Sample Date

CM Action Levels

Parameter	Corrective Measure Action Levels	Units
Arsenic	20	mg/Kg
Benzene	13	mg/Kg
BaP	10	mg/Kg
Lead	800	mg/Kg
TEL	2	mg/Kg
TOL	2	mg/Kg
TCLP Lead	5,000	µg/L

Notes:

* Aerial photograph dated 3 April 2012 was provided by Borbas Surveying and Mapping, LLC.
* Yellow highlighted value exceeds corrective measure (CM) action levels.
* U = Compound was detected below the method detection limit.
* J = Estimated value
* -- = Not analyzed/Depth not avaiable
* Samples without chem boxes either have no analytical samples collected or no PCOC data.
* Gray label indicates abandoned monitoring well.

2016 PDI AND PERTINENT HISTORICAL RESULTS

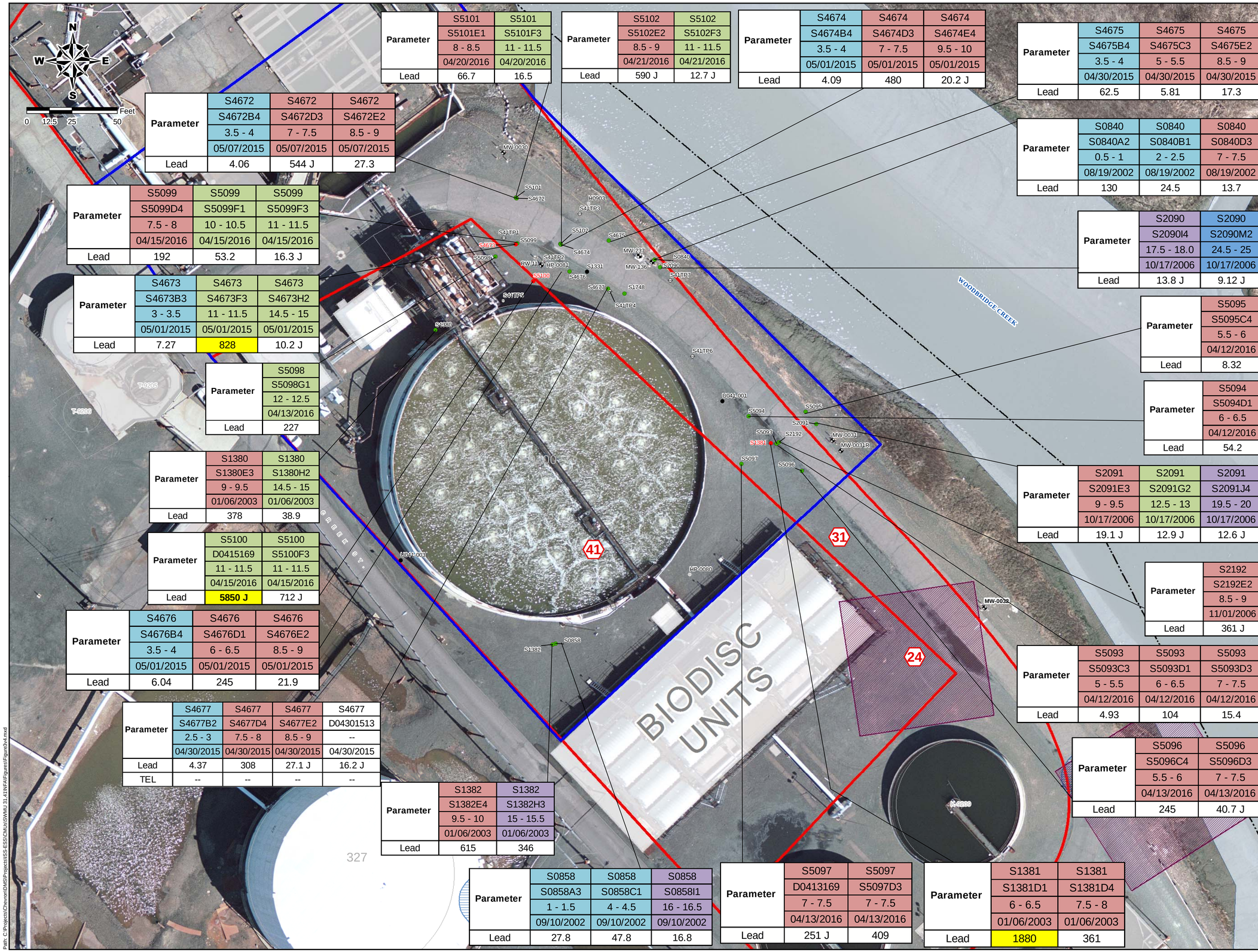
JUSTIFICATION FOR NO FURTHER ACTION-SWMU 31 AND SWMU 41

Chevron

CHEVRON
ENVIRONMENTAL MANAGEMENT COMPANY
PERTH AMBOY, NEW JERSEY

PROJECT #:	DATE:	DWN:	CHKD:	FIG NO.:
449789-37210	8/30/2016	TDU	JL	2

Path: C:\Projects\Chevron\DMS\Projects\ISS-ESS\CMUs\SWMU 31 41\NFA\Figures\Figure2v4.mxd



Parameter	S5101	S5101
	S5101E1	S5101F3
	8 - 8.5	11 - 11.5
	04/20/2016	04/20/2016
Lead	66.7	16.5

Parameter	S5102	S5102
	S5102E2	S5102F3
	8.5 - 9	11 - 11.5
	04/21/2016	04/21/2016
Lead	590 J	12.7 J

Parameter	S4674	S4674	S4674
	S4674B4	S4674D3	S4674E4
	3.5 - 4	7 - 7.5	9.5 - 10
	05/01/2015	05/01/2015	05/01/2015
Lead	4.09	480	20.2 J

Parameter	S4675	S4675	S4675
	S4675B4	S4675C3	S4675E2
	3.5 - 4	5 - 5.5	8.5 - 9
	04/30/2015	04/30/2015	04/30/2015
Lead	62.5	5.81	17.3

Parameter	S4672	S4672	S4672
	S4672B4	S4672D3	S4672E2
	3.5 - 4	7 - 7.5	8.5 - 9
	05/07/2015	05/07/2015	05/07/2015
Lead	4.06	544 J	27.3

Parameter	S0840	S0840	S0840
	S0840A2	S0840B1	S0840D3
	0.5 - 1	2 - 2.5	7 - 7.5
	08/19/2002	08/19/2002	08/19/2002
Lead	130	24.5	13.7

Parameter	S5099	S5099	S5099
	S5099D4	S5099F1	S5099F3
	7.5 - 8	10 - 10.5	11 - 11.5
	04/15/2016	04/15/2016	04/15/2016
Lead	192	53.2	16.3 J

Parameter	S2090	S2090
	S2090I4	S2090M2
	17.5 - 18.0	24.5 - 25
	10/17/2006	10/17/2006
Lead	13.8 J	9.12 J

Parameter	S4673	S4673	S4673
	S4673B3	S4673F3	S4673H2
	3 - 3.5	11 - 11.5	14.5 - 15
	05/01/2015	05/01/2015	05/01/2015
Lead	7.27	828	10.2 J

Parameter	S5095
	S5095C4
	5.5 - 6
	04/12/2016
Lead	8.32

Parameter	S5098
	S5098G1
	12 - 12.5
	04/13/2016
Lead	227

Parameter	S5094
	S5094D1
	6 - 6.5
	04/12/2016
Lead	54.2

Parameter	S1380	S1380
	S1380E3	S1380H2
	9 - 9.5	14.5 - 15
	01/06/2003	01/06/2003
Lead	378	38.9

Parameter	S2091	S2091	S2091
	S2091E3	S2091G2	S2091J4
	9 - 9.5	12.5 - 13	19.5 - 20
	10/17/2006	10/17/2006	10/17/2006
Lead	19.1 J	12.9 J	12.6 J

Parameter	S5100	S5100
	D0415169	S5100F3
	11 - 11.5	11 - 11.5
	04/15/2016	04/15/2016
Lead	**5850 J**	712 J

Parameter	S2192
	S2192E2
	8.5 - 9
	11/01/2006
Lead	361 J

Parameter	S4676	S4676	S4676
	S4676B4	S4676D1	S4676E2
	3.5 - 4	6 - 6.5	8.5 - 9
	05/01/2015	05/01/2015	05/01/2015
Lead	6.04	245	21.9

Parameter	S5093	S5093	S5093
	S5093C3	S5093D1	S5093D3
	5 - 5.5	6 - 6.5	7 - 7.5
	04/12/2016	04/12/2016	04/12/2016
Lead	4.93	104	15.4

Parameter	S4677	S4677	S4677	S4677
	S4677B2	S4677D4	S4677E2	D04301513
	2.5 - 3	7.5 - 8	8.5 - 9	--
	04/30/2015	04/30/2015	04/30/2015	04/30/2015
Lead	4.37	308	27.1 J	16.2 J
TEL	--	--	--	--

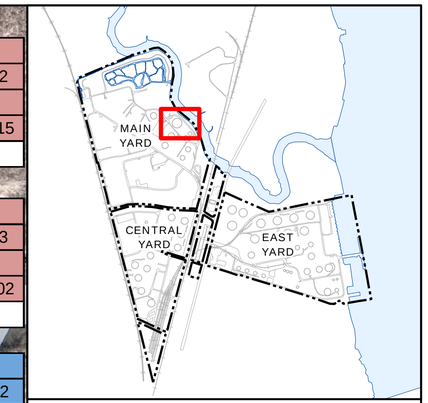
Parameter	S5096	S5096
	S5096C4	S5096D3
	5.5 - 6	7 - 7.5
	04/13/2016	04/13/2016
Lead	245	40.7 J

Parameter	S1382	S1382
	S1382E4	S1382H3
	9.5 - 10	15 - 15.5
	01/06/2003	01/06/2003
Lead	615	346

Parameter	S0858	S0858	S0858
	S0858A3	S0858C1	S0858I1
	1 - 1.5	4 - 4.5	16 - 16.5
	09/10/2002	09/10/2002	09/10/2002
Lead	27.8	47.8	16.8

Parameter	S5097	S5097
	D0413169	S5097D3
	7 - 7.5	7 - 7.5
	04/13/2016	04/13/2016
Lead	251 J	409

Parameter	S1381	S1381
	S1381D1	S1381D4
	6 - 6.5	7.5 - 8
	01/06/2003	01/06/2003
Lead	**1880**	361



Legend

- Soil Boring (Above CM Action Levels for Lead Only)
- Soil Boring (Below CM Action Levels for Lead Only)
- Soil Boring (No Sample)
- Monitoring Well - Deep
- Monitoring Well- Shallow
- Historic Piezometer Location
- Historic Hydropunch/Temporary Well Point Location
- Proposed ESS Area for Lead > 800 mg/kg in Soil
- Proposed ESS Area for TEL/TOL > 2 mg/kg in Soil
- Two Acre Functional Area for SWMUs 31 and 41
- SWMU
- TEL

Sample Depth Range (ft. bgs)

- 0 - 5
- 5 - 10
- 10 - 15
- 15 - 20
- 20 - 25
- 25 - 30

Soil Sample Results Header

S299584	**Sample ID**
S2995	**Soil Boring ID**
0-0.5	**Depth Interval (ft, bgs)**
09/19/2012	**Sample Date**

CM Action Levels

Parameter	Corrective Measure Action Levels	Units
Arsenic	20	mg/Kg
Benzene	13	mg/Kg
BaP	10	mg/Kg
Lead	800	mg/Kg
TEL	2	mg/Kg
TOL	2	mg/Kg
TCLP Lead	5,000	µg/L

Notes:

* Aerial photograph dated 3 April 2012 was provided by Borbas Surveying and Mapping, LLC.
* Yellow highlighted value exceeds corrective measure (CM) action levels.
* U = Compound was detected below the method detection limit.
* J = Estimated value
* -- = Not analyzed/Depth not avaiable
* Samples without chem boxes either have no analytical samples collected or no PCOC data.
* Gray label indicates abandoned monitoring well.

LEAD RESULTS FOR ALL INVESTIGATIONS

JUSTIFICATION FOR NO FURTHER ACTION-SWMU 31 AND SWMU 41

CHEVRON
ENVIRONMENTAL MANAGEMENT COMPANY
PERTH AMBOY, NEW JERSEY

PROJECT #:	DATE:	DWN:	CHKD:	FIG NO.:
449789-37210	8/30/2016	TDU	JL	3

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ATTACHMENT 1

Historical and PDI Boring Logs

Project Name: Corrective Action Projects	Site Id: HP-0080
-1st Phase RFI-	Location: NORTH FIELD - SWMU 41
Logged By: K. ZIELENSKI	Date(s): 02/13/96 - 02/13/96
Consulting Firm: E.S.E., INC.	Drill: Geoprobe - Stainless Steel Split Spoon
Contractor: E.P.I.	Borehole Dia.: 2.00in
Remarks:	Total Depth: 8.00'
	Groundwater Depth: 7.50'
	Datum: MEAN SEA LEVEL

Depth (ft)	PID	Recovery	Water Level	Graphic Log	USCS Code	Material Description (Burmeister) Trace 0-10% Little 10-20% Some 20-35% And 35-50%	Sample No.
	29.0 ppm				Fl	[FILL] 0.8' GRAVEL Remainder Tan to light brown f SAND, well-sorted, loose, angular, tr Silt, tr f Gravel, petroleum staining and odor at mouth of spoon	
	26.0 ppm				Fl	[FILL] 1.5' Same As Above, moist Remainder Dark gray SILT, some f Sand, tr Gravel, hard, tr terracotta fragments, petroleum odor	
5	78.0 ppm				Fl	[FILL] .25' slough Remainder Dark gray SILT, Same As Above, tr concrete, possible tr asphalt.	
	28.0 ppm				Fl	[FILL] .30' slough 1.0' Same As Above. .25' catalyst beads Remainder Dark gray SILT, some f Sand, tr Gravel, strong petoleum odor, wet at 7.5'.	SB-01845-D
10							

Site Id: MW-0030	STABILIZATION MEASURES
Consulting Firm: E.S.E., INC.	Location: NORTH FIELD
Logged By: F. SKOCYPEC	Permit No.: 2646953
Contractor: JCA ASSOCIATES, INC.	Date(s): 03/17/97 - 03/17/97
Drilling Method: Hollow Stem Auger	Borehole Dia.: 10.00in
Screens: size: 0.020in fm: 2.00' type: Slotted dia: 4.00in to: 7.00'	Total Depth: 10.00'
	Groundwater Depth: 3.00'
Annular Fill: type: Bentonite Grout fm: 0.00' to: 1.50' type: Sand Filter fm: 1.50' to: 7.00' type: fm: to:	Datum: MEAN SEA LEVEL
	Remarks:

Depth (ft)	Recovery	Water Level	OVM	Well Construction	USCS Code	Graphic Log	Material Description
			0.0 ppm	MP. EL. 8.57	FI		[FILL] Auger to 2' BGS due to rock ballast, moist
			0.0 ppm		FI		[FILL] Brown f-c SAND, Silt, tr.f Gravel, trace rock fragment(ballast) obstruction @ 3' BGS, moist to wet
			0.0 ppm		FI		[FILL] Light grey and tan CLAYEY SILT, trace black organic, wet
					FI		[FILL] No Recovery
			0.0 ppm		CL/PT		Dark Grey Organic CLAY and MEADOW MAT/PEAT, wet
10							
20							

Site Id: MW-0031	STABILIZATION MEASURES
Consulting Firm: E.S.E., INC.	Location: NORTH FIELD
Logged By: F. SKOCYPEC	Permit No.: 2646953
Contractor: JCA ASSOCIATES, INC.	Date(s): 03/17/97 - 03/17/97
Drilling Method: Hollow Stem Auger	Borehole Dia.: 10.00in
Screens: size: 0.020in fm: 1.50' type: Slotted dia: 4.00in to: 6.50'	Total Depth: 8.00'
	Groundwater Depth: 4.00'
Annular Fill: type: Bentonite Grout fm: 0.00' to: 1.00' type: Sand Filter fm: 1.00' to: 6.50' type: fm: to:	Datum: MEAN SEA LEVEL
	Remarks:

Depth (ft)	Recovery	Water Level	OVM	Well Construction	USCS Code	Graphic Log	Material Description
				MP. EL. 7.45			
					FI		[FILL] Auger to 2' bgs due to rock ballast, moist
			0.0 ppm		FI		[FILL] Top 6" light brown fine SAND, moist Bottom 6" Dark brown fine to coarse SAND, trace brick and rock fragments, moist
			0.0 ppm		FI		[FILL] Same As Above, saturated
			0.0 ppm		PT		Dark Grey and Tan fibrous PEAT, saturated
			24 ppm				
10							
20							

Site Id: MW-0032	STABILIZATION MEASURES
Consulting Firm: E.S.E., INC.	Location: NORTH FIELD
Logged By: F. SKOCYPEC	Permit No.: 2646955
Contractor: JCA ASSOCIATES, INC.	Date(s): 03/17/97 - 03/17/97
Drilling Method: Hollow Stem Auger	Borehole Dia.: 10.00in
Screens: size: 0.020in fm: 1.50' type: Slotted dia: 4.00in to: 6.50'	Total Depth: 8.00'
	Groundwater Depth: 2.50'
Annular Fill: type: Bentonite Grout fm: 0.00' to: 1.00' type: Sand Filter fm: 1.00' to: 6.50' type: fm: to:	Datum: MEAN SEA LEVEL
	Remarks:

Depth (ft)	Recovery	Water Level	OVM	Well Construction	USCS Code	Graphic Log	Material Description
				MP. EL. 7.88			
			0.0 ppm		FI		[FILL] Auger to 2' BGS due to rock ballast, moist
			0.0 ppm		FI		[FILL] 2" Grey medium SAND, moist
			0.0 ppm		FI		[FILL] Same As Above, wet
			8.0 ppm		CL/PT		Dark grey Organic CLAY and MEADOW MAT, wet
10							
20							

Site: Chevron: Perth Amboy, NJ	Drilling Company: East Coast Drilling, Inc.	Northing: 622180.9
Boring/Well ID: MW-237	Driller: John Urban	Easting: 557597.6
Permit No: 2600080792	Consulting Firm: SAIC	Elevation: 6.0
Location: S2090	Logged By: SEL	Datum: Ground Surface
Start Date: 10/27/2006	Drill Rig Type: Failing F-7	Total Depth: 27.0 Ft
Complete Date: 10/27/2006	Drilling Method:	Boring Diameter: 10 in
Weather: 40 degrees F., Clear	Sample Method: 5 foot Macrocore	Water Depth in Soil: 2.0 Ft:
Field Book No: 144	Hammer Weight: NA	Measured Ground Water Depth: 5.64 Ft
	Hammer Drop: NA	Date/Time GW Measured: 02/23/2012 12:36
Screens: Type: 2SCH40 From: 22 Size: 0.010 slot in To: 27	Annular Fill: Type: Cement From: 0 To: 19 Type: Bentonite From: 19 To: 21 Type: No0 Sand From: 21 To: 27.5	Remarks: Lithology description previously collected using geoprobe rig at S2090. Outer casing consisted of 6" diameter black carbon steel pipe from 0'-21'

Depth Ft	Sample ID	Recovery	Blow Count (per 6 in)	OVM	Well Diagram	USCS Code	Graphic Log	Material Description
0						GP		Gray Gravel, little sand, silt, clay, loose, dry
1								
2				0.5				
				0.2		SM		Brown Silt, some sand, little clay and fine-coarse gravel
3				0.3				
				0.2				
				0.2		SP		Brown medium Sand, dense, wet
4				0.2				
5						SP		Same as above 3.5'-5' interval
6				0.3				
				0.2				
7				0.6		PT		Peat, soft, moist
				0.6				
8				22.2				
				19.7				
9				0.6				
				3.5				
10						CL/ML		Gray Silt, some clay, soft, wet, trace root fragments
11				1.8				
				30.6				
12				13.5				
				24.1				
13				27.1				
				18.2				
14								

Boring GW Depth

Measured GW Depth

Site: Chevron: Perth Amboy, NJ	Drilling Company: East Coast Drilling, Inc.	Northing: 622180.9
Boring/Well ID: MW-237	Driller: John Urban	Easting: 557597.6
Permit No: 2600080792	Consulting Firm: SAIC	Elevation: 6.0
Location: S2090	Logged By: SEL	Datum: Ground Surface
Start Date: 10/27/2006	Drill Rig Type: Failing F-7	Total Depth: 27.0 Ft
Complete Date: 10/27/2006	Drilling Method:	Boring Diameter: 10 in
Weather: 40 degrees F., Clear	Sample Method: 5 foot Macrocore	Water Depth in Soil: 2.0 Ft:
Field Book No: 144	Hammer Weight: NA	Measured Ground Water Depth: 5.64 Ft
	Hammer Drop: NA	Date/Time GW Measured: 02/23/2012 12:36
Screens: Type: 2SCH40 From: 22 Size: 0.010 slot in To: 27	Annular Fill: Type: Cement From: 0 To: 19 Type: Bentonite From: 19 To: 21 Type: No0 Sand From: 21 To: 27.5	Remarks: Lithology description previously collected using geoprobe rig at S2090. Outer casing consisted of 6" diameter black carbon steel pipe from 0'-21'

Depth Ft	Sample ID	Recovery	Blow Count (per 6 in)	OVM	Well Diagram	USCS Code	Graphic Log	Material Description
14				19		CL/ML		Gray Silt, some clay, soft, wet, trace root fragments
				10.9				
15				0.6				Same as above 10'-15' interval
				1.6				
16				15.2				
				26.2				
17				62.5		CL/ML		
				2.2				
				16.9				
18				14.6				
				7.9				
19								
20								Same as above 10'-15' interval
21				3				
				26.5		CL/ML		
22				3.1				
				11.5				
23								
				7.3				
24				1.5		SM/ML		Red Brown Silt, some sand, trace frine gravel, medium dense, moist
				0.3				
25								
26								
27								
27.5								

Site Id: RW-11	
Consulting Firm: Harding ESE	Location: NORTH FIELD
Logged By: PDP	Permit No.: 26-60754
Contractor: JCA	Date(s): 04/03/01 - 04/03/01
Drilling Method: Hollow Stem Auger	Borehole Dia.: 14.00in
Screens: size: 0.125in fm: 1.00' type: Slotted dia: 4.00in to: 11.00'	Total Depth: 12.00'
	Static Water Level: 3.00'
Annular Fill: type: Bentonite fm: 0.00' to: 0.50' type: 3/8 Pea Gravel fm: 0.50' to: 11.00' type: fm: to:	Datum: Ground Surface
	Remarks:

Depth (ft)	Recovery	Water Level	OVM	Well Construction MP. EL. 9.76	USCS Code	Graphic Log	Material Description (USCS)
			0 ppm		FI/CL		0'-2' [FILL] CLAY WITH SANDS (CL) Reddish Brown, 60% fines, 40% fine sands, trace gravels
					FI/SP		2'-4' [FILL] POORLY GRADED SANDS (SP) Light Brown to Tan, loose, wet
			9 ppm				4'-6.5' [FILL] Same as above 2'-4' interval, black liquid observed in this interval
			7 ppm				6.5'-8' [FILL] CLAY (CL) Reddish Brown, 90% fines, 10% fine sands
			0 ppm		FI/CL		8'-10' [FILL] Same as above 6.5'-8' interval
			6 ppm				
			6 ppm				
10			2 ppm		OH		10'-11' [NATIVE] CLAY (OH) Black, 95% high plasticity clay, 5% fine s fine sands, high plasticity clay, hydrogen sulfide odor, soft
			0 ppm				11'-12' [NATIVE] MEADOWMAT (PT) abundant organics

SWMU 24 SØ798

PROJECT: RFI	FIELD BOOK NUMBER: 7Ø
BORING ID/WELL ID: SØ798	PAGE NUMBER: 28-29
YARD NORTH FIELD	SURFACE CONDITIONS: GRAVEL
SWMU/AOC SWMU 24	START TIME: 13:ØØ
LOCATION EFFLUENT TREATMENT	COMPLETION TIME: 15:1Ø
LOGGED BY: MAH / JAM	DATE: 7-25-Ø2
DRILLING COMPANY: EPI	TOTAL BORING DEPTH: 24'
DRILL RIG TYPE: HURRICANE	CASING DEPTH: NA
SAMPLE METHODS: Direct Push	OBSERVED DEPTH TO WATER: 3.7 ft.
48" macro core	TIME WATER OBSERVED: 14:ØØ
	DATUM:

REMARKS:

LOCATION OF BORING:

SAMPLES:
SØ798A4 - VOCs - soil: 9.8g, bottle: 46.67g, SNØ722-49
13:15 SVOCs, Metals, TOL
SØ798C3 - VOCs - soil: 9.8g, bottle: 46.00g, SNØ722-37
SVOCs, Metals, TOL
-3 - VOCs - soil: 9.8g, bottle: 46.15, SNØ722-5Ø
T.3 SVOCs, Metals, TOL

	ANALYTICAL SAMPLE DEPTH	BLOWS/6 IN	INCHES DRIVEN	INCHES RECOVERED	OVM	CONTACT	DET		LOGS
					0.5				7/25/02 Grey GRAVEL, dry
A					0.9				Grey GRAVEL, some silt, trace c-f sand, dry
					5.2				
		48	46		8.6				
					2.7				7' Brown SILT, some f-sand, moist
B					55				
					171		4	SW	3.7'-6' Brown m-f SAND, loose, wet, strong petroleum odor.
					232				
					16		5		
					204				
C					277		6		
		48	36		99				
					256		7	SP	6'-7.5' Brown c-f SAND, some gravel, trace silt, medium dense, moist, strong petroleum odor
					164			SP	
D					280		8		
					16			ML	7.5'-11.8' Brown SILT, little c-f sand, trace clay, very stiff, moist
					152		9		
E					170				
					90		10		NOTE: 8'-12' Interval saturated at top of macro core w/ water along w/ product globules and sheen
		48	24		32				
					8.5		11		
					6.7	F		PT	11.8'-12' Black PEAT, wet, petroleum odor
F					38	N	12		11.8' FILL/NATIVE CONTACT
					45				
					14		13	PT	12'-15' Grey PEAT, moist, petroleum odor
					55				
					203		14		
		48	33		103				
							15		

SWMU 24 S0798

PROJECT: RFI	FIELD BOOK NUMBER 70
BORING ID/WELL ID: S0798	PAGE NUMBER: 28-29
YARD North Field	SURFACE CONDITIONS: GRAVEL
SWMU/AOC SWMU 24	START TIME: 1300
LOCATION Effluent Treatment Plant	COMPLETION TIME: 1510
LOGGED BY: MAH/JAM	DATE: 7-25-02
DRILLING COMPANY: EPI	TOTAL BORING DEPTH: 24'
DRILL RIG TYPE: Hurricane	CASING DEPTH: NA
SAMPLE METHODS: Direct Push 48" macro core	OBSERVED DEPTH TO WATER: 3.7ft.
	TIME WATER OBSERVED: 14:00
	DATUM:

REMARKS:

	ANALYTICAL SAMPLE DEPTH	BLOWS/6 IN	INCHES DRIVEN	INCHES RECOVERED	OVM	FILL/NATIVE CONTACT	DEPTH IN FEET	USCS CODE	LOCATION OF BORING:
			48	33	7.6		15/1		
					67				
H					50		16/2	OH	15'-20' Gray CLAY, soft, wet, H_2S odor (10-25ppm)
					18				
					70		17/8		
I					42				
					118		18/9		
			48	27	236				
					30		19/8		
J					110				
					99		20/8		
					20				
					133		21/1	PT	20'-22' Brown PEAT, soft, moist, H_2S odor (108ppm)
K					61				
			24	14	59		22/8		
					36				
					2.5		23/8	CL	22'-24' Gray CLAY, some silt, soft, wet
L					1.6				
	[redacted]		24	18	1.4		24/10		
					0.5				
							25/11		24' END OF BORING
M									
							26/12		
							27/13		
N									
							28/14		
							29/15		

S0840

PROJECT:	RFI	FIELD BOOK NUMBER	RFI 69
BORING ID/WELL ID:	HW-136	PAGE NUMBER:	61
YARD	North Field	SURFACE CONDITIONS:	Gravel slope between road and creek, low tide.
SWMU/AOC	SWMU 41	START TIME:	0920
LOCATION	NE of Tank T-9200	COMPLETION TIME:	1150
LOGGED BY:	HW/PP	DATE:	8-19-02
DRILLING COMPANY:	JCA	TOTAL BORING DEPTH:	12 Feet
DRILL RIG TYPE:	Mobile B58	CASING DEPTH:	11 Feet
SAMPLE METHODS:	2" SS	OBSERVED DEPTH TO WATER:	2 Feet
		TIME WATER OBSERVED:	0940
		DATUM:	

REMARKS: Cuttings on plastic sheeting, completed as stick up

LOCATION OF BORING:

Samples:
S0840A2 - VOCs, SVOCs, Metals
S0840B1 - VOCs, SVOCs, Metals
S0840D3 - VOCs, SVOCs, Metals

ANALYTICAL SAMPLE DEPTH	BLOWS/6 IN	INCHES DRIVEN	INCHES RECOVERED	OVM	FILL/NATIVE CONTACT	DEPTH IN FEET	USCS CODE	
								Light Brown
	9			0			GC	~~Lt Brn~~; C-F GRAVEL, some Clay, little C-F Sand; loose to
	9		13	0		1		medium dense; moist to wet.
	6							
	13	24				2		Light Brown
	13			0.4			SP	~~Lt Brn~~; F SAND, trace C Sand ~~to~~ and F Gravel; medium dense;
	13		14	0		3		wet.
	10							
	13	24			F	4		Dark
	1			24	N		CL	~~DK~~ Gray; CLAY; with trace organic material; very soft; wet.
	1		14	10		5		
	1							
	1	24				6		Dark
	1			0			CL	~~DK~~ Gray; CLAY; with trace organic material; very soft; wet.
	1			7		7		
	1		20	1.5				
	1	24				8		Dark
	1			9			CL	~~DK~~ Gray; CLAY; very soft; wet.
	1			22		9		
	1		19	34				
	1	24				10		Dark
	1			11			CL	~~DK~~ Gray; CLAY; with shells at 11.5 feet; very soft; wet.
	1			18		11		
	1			11				
	1	24	24	5		12		
								EOB 12 Feet
						13		
						14		
						15		

MW-136:

4" PVC Screen	1'-11' bGL
4" PVC Riser	1' bGL - 3' aGL
# 0 Sand Pack	1'-11' bGL
# 00 Sand	0.5' - 1' bGL
Cement/Sacrete	0.5' bGL - 0.5' aGL
Protective Casing (Stick Up)	1' bGL - 3' aGL

PROJECT:	RFI	FIELD BOOK NUMBER	RFI 69
BORING ID/WELL ID:	S0858	PAGE NUMBER:	92-93
YARD	Main Yard	SURFACE CONDITIONS:	gravel, gently sloped toward SW
SWMU/AOC	SWMU 41	START TIME:	1058
LOCATION	SW side T-9200	COMPLETION TIME:	1250
LOGGED BY:	MW/PP	DATE:	9-10-02
DRILLING COMPANY:	JCA	TOTAL BORING DEPTH:	18 feet
DRILL RIG TYPE:	Mobile B-57	CASING DEPTH:	None
SAMPLE METHODS:	2" SS	OBSERVED DEPTH TO WATER:	2 feet
		TIME WATER OBSERVED:	1130
		DATUM:	

REMARKS: Soil cuttings on plastic sheet.* Slough recovered from 8-14 feet was all light brown, fine sand - loose and wet.

LOCATION OF BORING:

Samples:
S0858A3 - VOCs, SVOCs, Metals
S0858A3M - Matrix Spike for VOCs, SVOCs, Metals
S0858A3S - M.S. Duplicate for VOCs, SVOCs, Metals
S0858C1 - VOCs, SVOCs, Metals
S0858I1 - VOCs, SVOCs, Metals
S0858(3'-5') - Shelby Tube, SPLP Metals, CEC, TOC, pH, Eh
D0910022 - Duplicate of S0858C1 for VOCs, SVOCs, Metals.

ANALYTICAL SAMPLE DEPTH	BLOWS/6 IN	INCHES DRIVEN	INCHES RECOVERED	OVM	FILL/NATIVE CONTACT	DEPTH IN FEET	USCS CODE	
	13			12			SM	Lt Brn; F SAND, little Silt, trace F Gravel; medium dense; dry.
	11			7		1		
x	12		17	26			SP	Yel Orange; F SAND; medium dense; moist.
	10	24				2		
	6			0.3			SP	Lt Brn to Yel Orange; F SAND; loose; moist to wet.
	11		12	1		3	CL	DK Brn; CLAY, little F Gravel; with black stain; stiff; moist
	10							
	8	24				4		
x	8		7	22				
	9					5		
	11							
	10	24				6		
	6			1			SP	Lt Brn; F SAND; loose; wet.
	8			0.8		7	SM	Lt Brn; F SAND, some Silt; loose; very moist.
	11		16	1	F		SP	Lt Brn; F SAND; medium dense; wet.
	14	24				8		
	3		0					No Recovery*
	2					9		
	2							
	1	24				10		
	1		0					No Recovery
	0					11		
	1							
	0	24				12		
	1		0					No Recovery
	1					13		
	0							
	0	24				14		
	1		5	3	N		OL	DK Brn; CLAY; with black stain and roots; very soft; moist.
	0					15		

PROJECT:	FIELD BOOK NUMBER
BORING ID/WELL ID: S0858	PAGE NUMBER:
YARD	SURFACE CONDITIONS:
SWMU/AOC	START TIME:
LOCATION	COMPLETION TIME:
LOGGED BY:	DATE:
DRILLING COMPANY:	TOTAL BORING DEPTH:
DRILL RIG TYPE:	CASING DEPTH:
SAMPLE METHODS:	OBSERVED DEPTH TO WATER:
	TIME WATER OBSERVED:
	DATUM:

REMARKS:

ANALYTICAL SAMPLE DEPTH	BLOWS/6 IN	INCHES DRIVEN	INCHES RECOVERED	OVM	FILL/NATIVE CONTACT	DEPTH IN FEET	USCS CODE	LOCATION OF BORING:
	1							Continued from above
	0	24				16		
	2		8	1			CL	Olive Gray; CLAY; soft; moist.
	2					17		
	2							
	2	24				18		
								—— EOB 18 Feet ——

SWMU 41 S41A S1331

PROJECT: RFI	FIELD BOOK NUMBER ~~#68~~ LNAPL BOOK #73
BORING ID/WELL ID: S1331	PAGE NUMBER: 2-3
YARD MAIN	SURFACE CONDITIONS: MOIST, GRAVEL
SWMU/AOC SWMU 41	START TIME: 1010
LOCATION S41A	COMPLETION TIME: 1050
LOGGED BY: TEAM 1 JM/GR	DATE: 9/3/02
DRILLING COMPANY: JCA	TOTAL BORING DEPTH: 12 FT BGS
DRILL RIG TYPE: GEOPROBE	CASING DEPTH:
SAMPLE METHODS: MACROCORE 4FT	OBSERVED DEPTH TO WATER: 4 FT BGS
	TIME WATER OBSERVED:
	DATUM:

REMARKS: RW-11 DATA: DTP-NO PRODUCT DETECTED DTW-4.81 ABSORBANT SOCK IN WELL BUT NOT IN WATER COLUMN. VERY LITTLE PRODUCT ON TIP OF PROBE

LOCATION OF BORING:
S1331 - ~~LNAPL~~ GRAINSIZE, POROSITY ~~(2-4 FT BGS)~~ ~~@1100 (2-4')~~
S133102 - LNAPL FINGERPRINT, HYDROCARBON RELATIVE ABUNDANCE, TPH ~~@1030~~
S133104 - HETEROTROPHIC PLATE COUNT, TOC ~~@1045~~

	ANALYTICAL SAMPLE DEPTH	BLOWS/6 IN	INCHES DRIVEN	INCHES RECOVERED	OVM	FILL/NATIVE CONTACT	DEPTH IN FEET	USCS CODE	
A			48	42	1.4			CH	GRAY TO BROWN CLAY, SILT and SAND, SOME M-F GRAVEL, MOIST, SOFT
					3		1	SW	BROWN F SAND, LOOSE, MOIST
					2			SP	ORANGE BROWN C-F SAND, LOOSE, MOIST
					1		2		
B	S				.4				
					.6		3		
					0			SW	TAN F SAND, LOOSE, MOIST
	S				.2		4	CH	GRAY ~~CLAY~~ TO BROWN CLAY, SOFT, MOIST
C			48	36	0				SAME AS ABOVE BUT WET
					0		5		SAME AS ABOVE BUT MOIST
					.5				
					.9		6		
D					0			CH	GRAY TO BROWN CLAY, LITTLE C-F SAND, SOFT, MOIST, Black LNAPL STAINED,
	S				3.7		7		~~PRODUCT LIKE ODOR~~
					5			CH	REDDISH CLAY, LITTLE SILT and M-F SAND, SOFT, MOIST, Black ~~FIRST ~4 INCHES~~
	S				17	F	8		LNAPL STAINED, ~~PRODUCT LIKE ODOR~~
E					54	N		OH	GRAY CLAY, SOME PEAT, SOFT, MOIST
					10		9		
					9				
					34		10		
F					44				
					74		11		
					171				
					57		12		
G									BORING COMPLETED TO 12 FT BGS
							13		
							14		
H									
							15		

LNAPL
T#1
9/3/02

(1 OF 1)

PROJECT:	RFI	FIELD BOOK NUMBER	RFI 77
BORING ID/WELL ID:	S1380	PAGE NUMBER:	91-92
YARD	Main Yard	SURFACE CONDITIONS:	Grass, slopes to the NE
SWMU/AOC	SWMU 41	START TIME:	1030
LOCATION	NW of Tank T-9200	COMPLETION TIME:	1215
LOGGED BY:	MW/BS	DATE:	1-6-03
DRILLING COMPANY:	JCA	TOTAL BORING DEPTH:	16 Feet
DRILL RIG TYPE:	Geoprobe	CASING DEPTH:	None
SAMPLE METHODS:	4 ft sleeve	OBSERVED DEPTH TO WATER:	2 Feet
		TIME WATER OBSERVED:	1035
		DATUM:	

REMARKS:

LOCATION OF BORING:

Samples:

S1380E3 - VOCs +10, SVOCs +20, Metals
S1380H2 - VOCs +10, SVOCs +20, Metals

ANALYTICAL SAMPLE DEPTH	BLOWS/6 IN	INCHES DRIVEN	INCHES RECOVERED	OVM	FILL/NATIVE CONTACT	DEPTH IN FEET	USCS CODE	
				2			GW	Lt Brn; C-F GRAVEL, some C-M-F Sand; loose; wet.
				1		1	SP	Yel Org; F SAND; loose; moist, wet below 2 feet.
				0.4				
				0.2		2		
			30	0				
						3		
		48				4		
				0.2			SW	Olive Gray to Black; M-F SAND, little F Gravel; dense; wet.
				3		5		
				0.7			CL	Lt Brn; CLAY, trace F Gravel; medium stiff; moist.
				0		6		
				0.5				
				0		7		
				0				
		48	48	0.1		8		
				2				
				47		9	—	Black; SLUDGE; very soft; moist.
				362				
			24	193		10	CL	Brown; CLAY; very soft; moist.
						11		
		48				12		
				135				
				5		13	PT	Olive Gray; PEAT; very soft; wet.
				46				
				25		14		
				52			—	Black; SLUDGE; very soft; moist.
				42	F	15		

PROJECT:	FIELD BOOK NUMBER
BORING ID/WELL ID: S1380	PAGE NUMBER:
YARD	SURFACE CONDITIONS:
SWMU/AOC	START TIME:
LOCATION	COMPLETION TIME:
GED BY:	DATE:
LLING COMPANY:	TOTAL BORING DEPTH:
DRILL RIG TYPE:	CASING DEPTH:
SAMPLE METHODS:	OBSERVED DEPTH TO WATER:
	TIME WATER OBSERVED:
	DATUM:

REMARKS:

ANALYTICAL SAMPLE DEPTH	BLOWS/6 IN	INCHES DRIVEN	INCHES RECOVERED	OVM	FILL/NATIVE CONTACT	DEPTH IN FEET	USCS CODE	LOCATION OF BORING:
				146	N		PT	Dk Brn; PEAT; very soft; moist
		48	48	39		16		
								EOB 16 Feet

PROJECT:	RFI	FIELD BOOK NUMBER	RFI 77
BORING ID/WELL ID:	S1381	PAGE NUMBER:	92
YARD	Main Yard	SURFACE CONDITIONS:	Gravel, slopes to the East
SWMU/AOC	SWMU 41	START TIME:	1350
LOCATION	SE of Tank T-9200	COMPLETION TIME:	1505
LOGGED BY:	MW/BS	DATE:	1-6-03
DRILLING COMPANY:	JCA	TOTAL BORING DEPTH:	12 Feet
DRILL RIG TYPE:	Geoprobe	CASING DEPTH:	None
SAMPLE METHODS:	4 ft sleeve	OBSERVED DEPTH TO WATER:	2.5 Feet
		TIME WATER OBSERVED:	1410
		DATUM:	

REMARKS:

LOCATION OF BORING:

Samples:

S1381D1 - VOCs +10, SVOCs +20, Metals
S1381D4 - VOCs +10, SVOCs +20, Metals

ANALYTICAL SAMPLE DEPTH	BLOWS/6 IN	INCHES DRIVEN	INCHES RECOVERED	OVM	FILL/NATIVE CONTACT	DEPTH IN FEET	USCS CODE	
				0			GW	Brn; C-F GRAVEL, little C-M-F Sand, trace Silt; loose; wet.
				0		1	SP	Yel Org to Lt Brn; F SAND; loose; moist, wet below 2.5 feet.
				0				
				0		2		
				0				
				0		3		
				0				
		48	48	0		4		
				0				
				0		5		
				0			CL	Olive Gray; CLAY, trace C-F Gravel; soft; moist.
				2		6	SW	Olive Gray; C-M-F SAND, trace F Gravel; loose; wet.
				14				
				3		7	CL	Olive Gray; CLAY, trace F Gravel, little C-M-F Sand; soft;
				12				moist.
		48	48	13	F	8	—	Black; SLUDGE; very soft; moist.
				32	N		OL	Olive Gray; CLAY; with organic material; very soft;
				112		9		moist.
				120				
				124		10		
				194				
				200		11		
				228				
		48	48	247		12		
								— EOB 12 Feet —
						13		
						14		
						15		

PROJECT:	RFI	FIELD BOOK NUMBER	RFI 77
BORING ID/WELL ID:	S1382	PAGE NUMBER:	~~HW-88~~ 91
YARD	Main Yard	SURFACE CONDITIONS:	Gravel, slopes to the west.
SWMU/AOC	SWMU 41	START TIME:	0920
LOCATION	S side Tank T9200	COMPLETION TIME:	1020
LOGGED BY:	HW/BS	DATE:	10-6-03
DRILLING COMPANY:	JCA	TOTAL BORING DEPTH:	16 Feet
DRILL RIG TYPE:	Geoprobe	CASING DEPTH:	None
SAMPLE METHODS:	4 ft sleeve	OBSERVED DEPTH TO WATER:	~~4.5 Feet~~ 5.5 Feet
		TIME WATER OBSERVED:	0930
		DATUM:	

REMARKS:

LOCATION OF BORING:

Samples:

S1382E4 - VOCs +10, SVOCs +20, Metals
S1382H3 - VOCs +10, SVOCs +20, Metals
D0106032 - VOCs +10, SVOCs +20, Metals (Duplicate of S1382H3.

ANALYTICAL SAMPLE DEPTH	BLOWS/6 IN	INCHES DRIVEN	INCHES RECOVERED	OVM	FILL/NATIVE CONTACT	DEPTH IN FEET	USCS CODE	
				2			SW	Olive Gray; C-M-F SAND, some F Gravel; loose; wet.
				0		1	SM	Brown; F SAND, little Silt, little F Gravel; loose; moist
				26				
				7		2		
				5				
				17		3	SP	Yel Org; F SAND, trace F Gravel; medium dense; moist.
				1				
		48	48	34		4	CL	Red Brn to Black; CLAY, trace F Gravel; very stiff; moist.
				9				
				3		5		
				0.3			SP	Lt Brn; M-F SAND, trace F Gravel; loose; wet.
				0.3		6		
				6				
				5		7		
				467			—	Black; SLUDGE; very soft; moist.
		48	48	513		8	SW	Black; C-M-F SAND; with abundant catalyst beads; loose; wet.
				198				
				485		9		
				1051				
				1267		10	—	Black; SLUDGE; very soft; moist.
				1200				
				1094		11		
				1136				
		48	48	208		12		
				65				
				16		13		
				26				
				50		14		
				53				
				33		15		

PROJECT:	FIELD BOOK NUMBER
BORING ID/WELL ID: S1382	PAGE NUMBER:
YARD	SURFACE CONDITIONS:
SWMU/AOC	START TIME:
LOCATION	COMPLETION TIME:
LOGGED BY:	DATE:
DRILLING COMPANY:	TOTAL BORING DEPTH:
DRILL RIG TYPE:	CASING DEPTH:
SAMPLE METHODS:	OBSERVED DEPTH TO WATER:
	TIME WATER OBSERVED:
	DATUM:

REMARKS:

ANALYTICAL SAMPLE DEPTH	BLOWS/6 IN	INCHES DRIVEN	INCHES RECOVERED	OVM	FILL/NATIVE CONTACT	DEPTH IN FEET	USCS CODE	LOCATION OF BORING:
				39	F			Continued from above.
		48	48	58	N	16	PT	Olive Gray; PEAT; very soft; moist
								EOB 16 Feet

PROJECT:	RFI	FIELD BOOK NUMBER	81
BORING ID/WELL ID:	S1748	PAGE NUMBER:	p68
YARD	Main Yard	SURFACE CONDITIONS:	Gravelly Slope
SWMU/AOC	SWMU-41	START TIME:	1050
LOCATION	N side T-9200	COMPLETION TIME:	1140
LOGGED BY:	Mike Wilkinson	DATE:	4-14-04
DRILLING COMPANY:	JCA	TOTAL BORING DEPTH:	12 Feet
DRILL RIG TYPE:	Geoprobe	CASING DEPTH:	None
SAMPLE METHODS:	4 ft sleeve	OBSERVED DEPTH TO WATER:	
		TIME WATER OBSERVED:	
		DATUM:	

REMARKS:

LOCATION OF BORING:

Samples:
S1748C4 - SPLP for BTEX, Naphthalene

ANALYTICAL SAMPLE DEPTH	BLOWS/6 IN	INCHES DRIVEN	INCHES RECOVERED	OVM	FILL/NATIVE CONTACT	DEPTH IN FEET	USCS CODE	
				0				Gravel Surface Material (0-0.5).
				0		1	SP/ML	Lt Brown; f SAND; loose; wet (0.5-0.7).
				0			SP	Gray; SILT, some mf Sand, little mf Gravel; soft; wet (0.7-0.8)
				0		2		Yel Brown to Brown; mf SAND, trace f Gravel; loose; wet, saturated
			28	0				below 1.7 feet (0.8-2.3).
						3		
		48				4		
				0			SP	Brown; mf SAND, trace f Gravel; loose; saturated (4.0-5.0).
				0		5		
				0			SM	Gray Brown; mf SAND, little Silt, some-cmf Gravel; plastic sheeting at 5.0
				0		6	CL/ML	Feet, wood; loose; saturated (5.0-5.7).
			28	0	F		CL/ML	Black; CLAY/SILT, little mf Sand, trace f Gravel, hydrocarbon odor; very
						7		soft; saturated (5.7-6.1).
								Red Brown; CLAY/SILT, little f Sand, little f Gravel; soft; wet (6.1-6.3).
		48				8		
				0	N		PT	Brown; PEAT; organic odor; very soft; saturated (8.0-8.7).
				33		9	OL	Gray; CLAY; high organic content, organic odor; very soft;
				73				saturated (8.7-12.0).
				47		10		
				36				
				89		11		
				42				
		48	48	22		12		
								End of boring at 12 feet
						13		
						14		
						15		

Site: Chevron	Drilling Company: ECD	Northing:
Boring/Well ID: S2090	Driller Name: John Urban	Easting:
Permit No.: 2600080792	Consulting Firm: SAIC	Elevation:
Location: MW136D (MW-237)	Logged By: SEL	Datum:
Start Date/Time: 0955 10/27/06	Drill Rig Type: Failing F-7 Truck	Total Depth: 8.0' / straight drill to
Complete Date/Time:	Drilling Method: Mud Rotary	Boring Diameter: 10'
Weather: Clear, 40°F	Sample Method: 2" SS Split Spoon	Observed Ground Water
Field Book No.: 144	Hammer Weight: 300	Depth: 2' BGS
	Hammer Drop:	

Remarks: * S2090 sample; refer to log for MW-136D (S2090) on 10/9/2006

Depth (ft. bgs)	Sample ID	Recovery (in.)	Blow Count (per 6 in.)	OVM (ppm)	USCS Code	Graphic Log	Material Description
1							0.0' - 4.0' Cuttings are Mixture of Sand, Silt & Gravel
2							* Straight-Drill w/ mud Rotary drill rig, 14.4' west of original S2090.
3							
4							
		18"	1	0.0	SP		4.0' - 6.0' Brown F-M sand
5			1	0.0			little silt, medium dense, wet.
			1	0.0			
6			1	0.0			
		7"	1		ML		6 - 8 - ~~Black~~ Gray silt, soft wet,
7			1				~~pe~~ trace clay and root fragments
			2	0.0			~~st~~ petroleum stain, slight
8	S2090D4		1	2.4			petroleum odor
9							
10							Straight-Drill w/ Mud Rotary, See well log for
11							MW-136D (MW-237) to 27' BGS
12							
13							
14							
15							
16							
17							
18							
19							to 27' BGS

Site: [illegible]	Drilling Company: ECDI	Northing:
Boring/Well ID: MW-136D/S2090 to MIP	Driller Name: Steve Moylan	Easting:
Permit No.:	Consulting Firm: SAIC	Elevation:
Location: NF5 NF	Logged By: SEL	Datum: groundsurface
Start Date/Time: 1100 10/9/06	Drill Rig Type: MIP	Total Depth: 26'
Complete Date/Time: 1220 10/9/06	Drilling Method: MIP	Boring Diameter:
Weather: 80°F, clear	Sample Method: MIP	Observed Ground Water
Field Book No.: 144	Hammer Weight: NA	Depth: 5' according to MIP
	Hammer Drop: NA	

Remarks:
MIP Data Attached, Total depth 26' A:\EC0586.DAT

Depth (ft. bgs)	Sample ID	Recovery (in.)	Blow Count (per 6 in.)	OVM (ppm)	USCS Code	Fill/Native	Material Description
1							
2							
3							
4							
5							
6							
7							
8							
9							
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							

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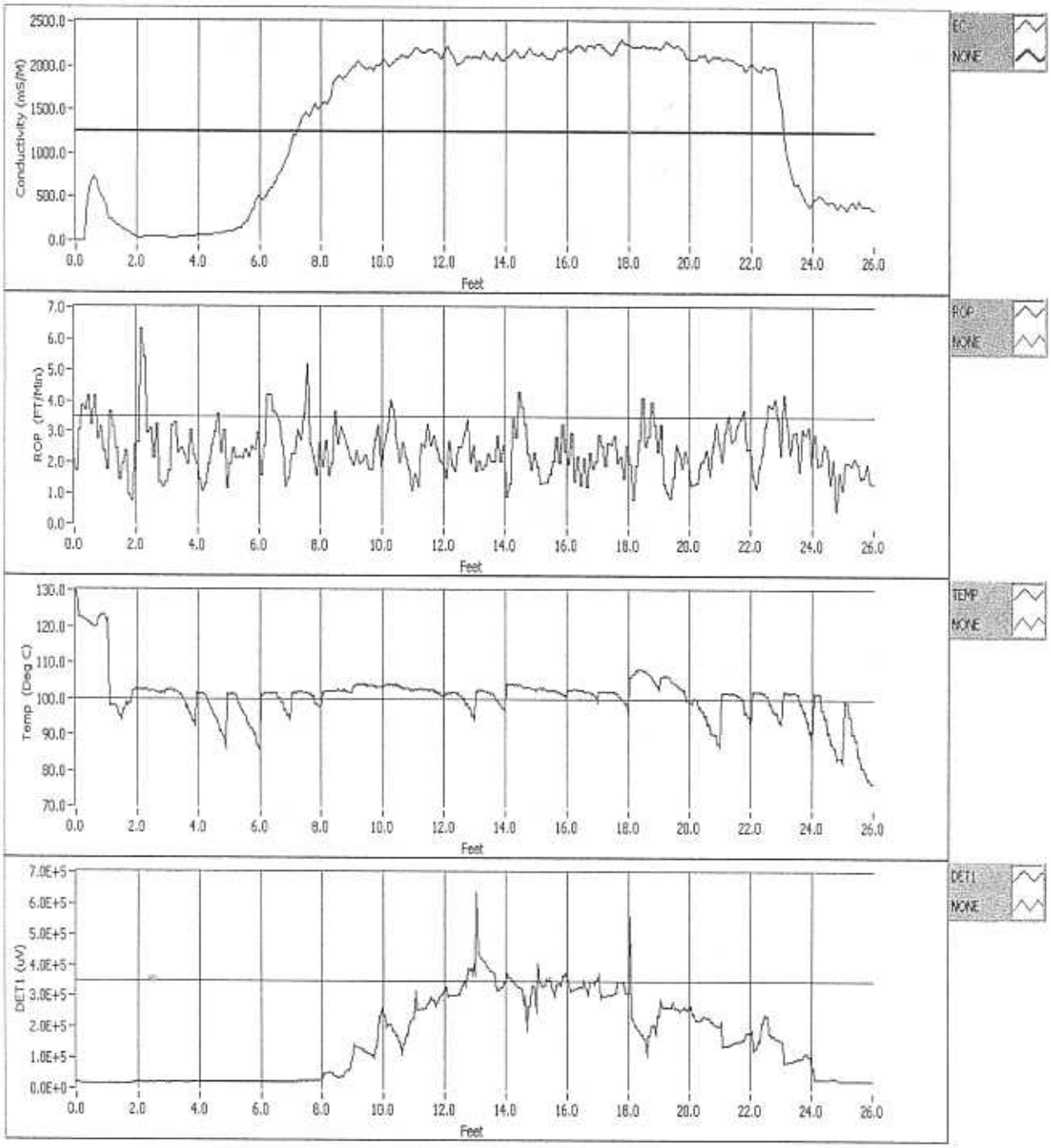

Site: Chevron	Drilling Company: ECDI	Northing:	
Boring/Well ID: S2090	Driller Name: Steve Moylan	Easting:	
Permit No.:	Consulting Firm: SAIC	Elevation:	
Location: MW-136D	Logged By: SEL	Datum: Ground surface	
Start Date/Time: 0840 10/17/06	Drill Rig Type: Geoprobe	Total Depth: 25	
Complete Date/Time: 0925 10/17/06	Drilling Method: Direct Push	Boring Diameter: 2.5"	
Weather: 58°F, Rain	Sample Method: 5' Macro Core	Observed Ground Water	
Field Book No.: 144	Hammer Weight: NA	Depth: 25' EG	
	Hammer Drop: NA		

Remarks:

pg 1 of 1

Depth (ft. bgs)	Sample ID	Recovery (in.)	Blow Count (per 6 in.)	OVM (ppm)	USCS Code	Fill/Native	Material Description
		36"					
1					GW		0.-2.5 Gray gravel little sand, silt, clay
2							loose, dry,
				0.5			
3				0.3			
				0.2	SM		2.5 -3.5 Brown silt, some
4				0.2			sand, little clay and
				0.2	SP-SM		F - C gravel
5				0.2			
		45"			SP		~~EG~~ 3.5 - 5 Brown medium
6							sand, dense, wet
						E	
7				0.3			5 - 6.8 same as above
				0.2		N	(3.5' -5')
8				0.6	SP		petroleum staining odor at
				0.4			the 6.8'
9				22.2			
				19.7	PT		6.8 -10 peat, soft, moist
10				3.5			
		42"					10 - 15 Gray silt some clay
11					CL-ML		soft wet trace roots
				1.8			fragments
12				30.6			
				13.5			15' - 20' same as above
13				24.1	CL-ML		(10 -15')
				27.1			
14				18.2			20 -23.8 same as above
				19.0			
15				10.9	SM-ML		23.8 - 25' Red brown silt
		60"		0.4			some sand, trace fine
16				2.2			gravel, medium dense
				1.6			~~loose~~, moist.
17				15.2			
				26.2			
18	S2090I4			62.5			
				16.4			
19				14.6			
				7.4			

Site:	Chevron	Drilling Company:	ECDI	Northing:	
Boring/Well ID:	S2090	Driller Name:	Steve Moylan	Easting:	
Permit No.:		Consulting Firm:	SAIC	Elevation:	
Location:	MW-126D	Logged By:	SEL	Datum:	Groundsurface
Start Date/Time:	10/17/06 0840	Drill Rig Type:	Geoprobe	Total Depth:	25'
Complete Date/Time:	10/17/06 925	Drilling Method:	Direct Push	Boring Diameter:	2.5'
Weather:	rainy	Sample Method:	5' Macrocore	Observed Ground Water Depth:	21
Field Book No.:	144	Hammer Weight:	N/A		
		Hammer Drop:	N/A		

Remarks:

pg 2 of 2

	Depth (ft. bgs)	Sample ID	Recovery (in.)	Blow Count (per 6 in.)	OVM (ppm)	USCS Code	Fill/Native	Material Description
20			44"					
2	1							
					3.0			
2	2				26.5			
					3.1			
2	3				11.5			
					7.3			
2	4				1.5			
					0.3			
2	5	S2090M2			0.0			
	6							
	7							
	8							
	9							
	10							
	11							
	12							
	13							
	14							
	15							
	16							
	17							
	18							
	19							

Site: Chevron	Drilling Company: ECDI	Northing:
Boring/Well ID: S2091	Driller Name: Steve Moylan	Easting:
Permit No.:	Consulting Firm: SAIC	Elevation:
Location: NF5 PB6	Logged By: SEL	Datum: Groundsurface
Start Date/Time: 10/17/06 947	Drill Rig Type: Geoprobe	Total Depth: 20'
Complete Date/Time: 10/17/06 956	Drilling Method: Direct Push	Boring Diameter: 2.5'
Weather: rainy	Sample Method: 5' Macrocore	Observed Ground Water
Field Book No.: 144	Hammer Weight: NA	Depth: 5' BGS
	Hammer Drop: NA	

Remarks:

pg 1 of 2

Depth (ft. bgs)	Sample ID	Recovery (in.)	Blow Count (per 6 in.)	OVM (ppm)	USCS Code	Fill/Native	Material Description
		37"					
1					GN		0 - 2.7 Gray gravel, dry loose
2				0.0			
				0.1	SP SM		2.7 - 4.4 Brown silt, some
3				0.1			sand, little fine - coarse
				0.2			gravel, medium stiff, moist
4				0.2			
				0.1	CL		4.4' - 5.0' Brown Gray clay,
5		45"					~~little~~ trace sand and gravel
							medium, stiff, wet
6							
				0.3	CL	F	5' - 6.5' some as above
7				0.3		N	
				0.3	SP		6.5' - 8' Red brown medium
8				0.3			sand ~~SP~~, medium dense,
				2.4			wet
9				1.8			
	S2091E3			36.7	SP		8 - 8.5 Brown fine sand
10				24.1			medium dense, wet. slight
		60"		0.3			petro stain + odor
11				0.5	PT		8.5 - 10 Peat soft, wet
				71.1			
12				72.4	PT		10 - 11.5 Peat
				32.7			
13	S2091E2			88.6	CL-ML		11.5 - 15 Gray silt some
				53.2			clay, soft moist
14			55	84.7			
				53.7			
15				84.1	CL ML		15 - 20 Gray silt some
							clay, soft wet
16		52"		0.5			
				0.6			
17				0.5			
				6.0			
18				73.3			
				31.1			
19				7.4			
	S2091J4			10.5			

Site:	Chevron	Drilling Company:	EGDT	Northing:	
Boring/Well ID:	S2091	Driller Name:	Steve Moylan	Easting:	
Permit No.:		Consulting Firm:	SAIC	Elevation:	
Location:	NFS PB6	Logged By:	SEL	Datum:	Groundsurface
Start Date/Time:	10/17/06 947	Drill Rig Type:	Geoprobe	Total Depth:	20' BGS
Complete Date/Time:	10/17/06 956	Drilling Method:	Direct Push	Boring Diameter:	2.5
Weather:	rainny	Sample Method:	5' Macrocore	Observed Ground Water Depth:	5' BGS
Field Book No.:	144	Hammer Weight:	N/A		
		Hammer Drop:	N/A		

Remarks:

pg 2 of 2

Depth (ft. bgs)	Sample ID	Recovery (in.)	Blow Count (per 6 in.)	OVM (ppm)	USCS Code	Fill/Native	Material Description
20				8.6			
1							
2							
3							
4							
5							
6							
7							
8							
9							
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							

Site: FAMN) NF/MY		Drilling Company: ECD)	Northing:
Boring/Well ID: NF5PB6/S2091 MIP		Driller Name: Steve Moylan	Easting:
Permit No.:		Consulting Firm: SAIC	Elevation:
Location: NFS NF		Logged By: Scott	Datum: groundsurface
Start Date/Time: 1335 10/9/06		Drill Rig Type: MIP	Total Depth: 26' bgs
Complete Date/Time: 1500 10/9/06		Drilling Method: MIP	Boring Diameter:
Weather: 80°F, clear		Sample Method: MIP	Observed Ground Water Depth: 4' according to MIP
Field Book No.: 144		Hammer Weight: NA	
		Hammer Drop: NA	

Remarks: MIP Data Attached, Total MIP depth 26' BGS File: EC0590

Depth (ft. bgs)	Sample ID	Recovery (in.)	Blow Count (per 6 in.)	OVM (ppm)	USCS Code	Fill/Native	Material Description
1							
2							
3							
4							
5							
6							
7							
8							
9							
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							

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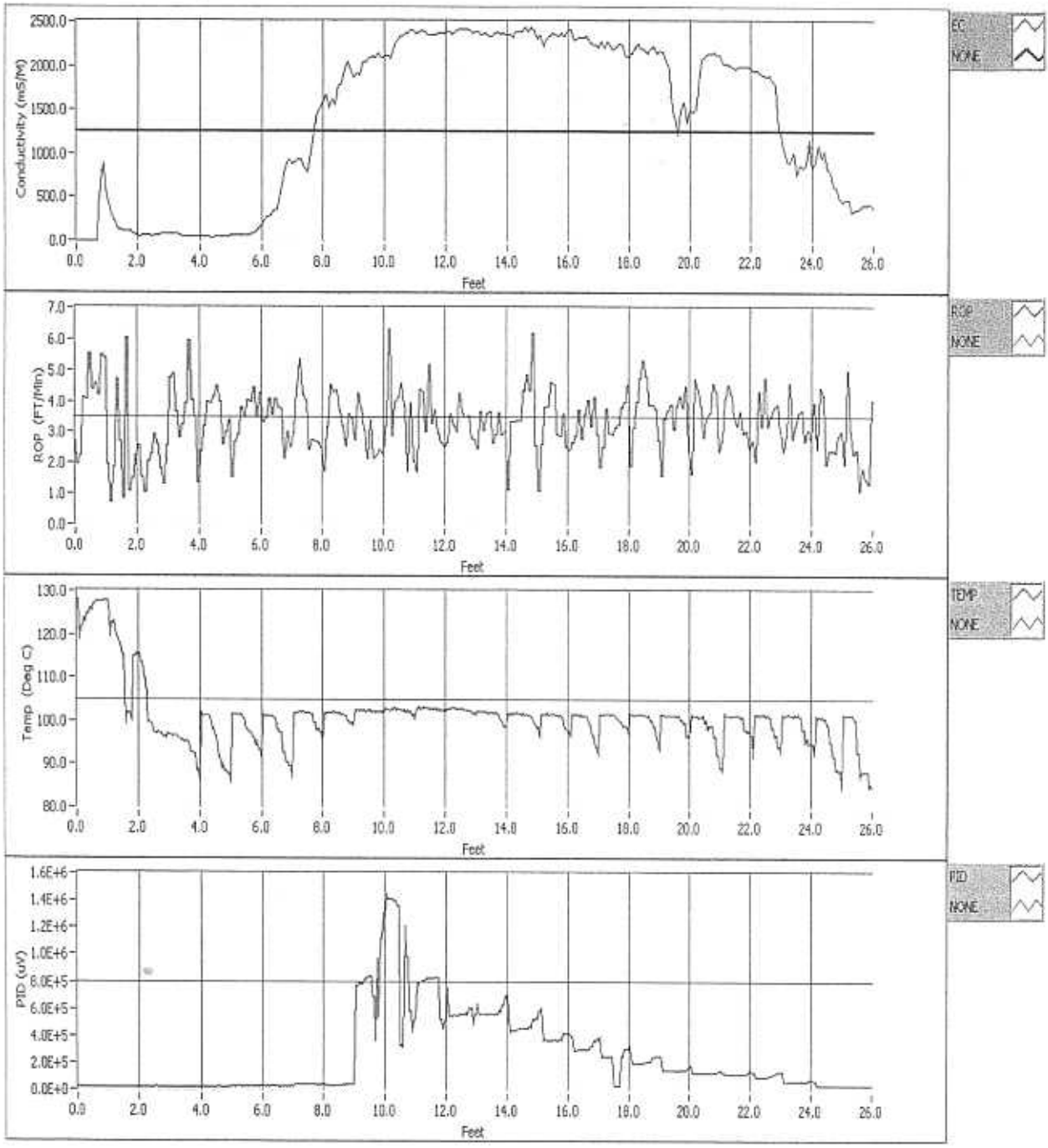

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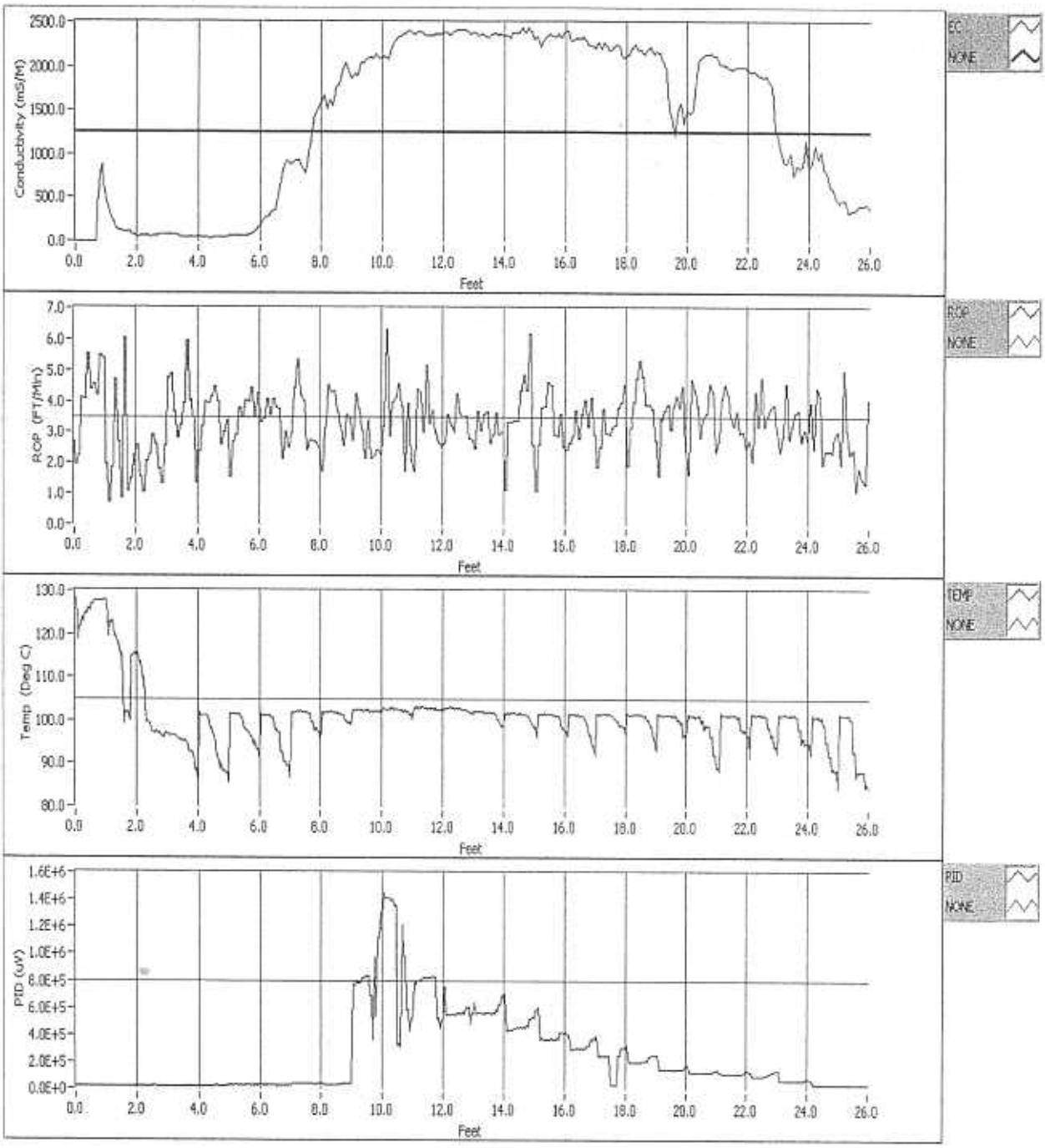

Site: Chevron	Drilling Company: ECD	Northing:
Boring/Well ID: S2192	Driller Name: Jim Zieger	Easting:
Permit No.: —	Consulting Firm: URS	Elevation:
Location: NF/MY	Logged By: NMR	Datum: Ground Surface
Start Date/Time: 11/1/06 - 1400	Drill Rig Type: Geoprobe	Total Depth: 12
Complete Date/Time: 11/1/06 1430	Drilling Method: 4-MC	Boring Diameter: 2-inch
Weather: Sunny, ~70	Sample Method: 4-MC	Observed Ground Water
Field Book No.:	Hammer Weight: —	Depth: ~~2.25'~~ 4'
	Hammer Drop: —	

Remarks:

Depth (ft. bgs)	Sample ID	Recovery (in.)	XRF (ppm)	OVM (ppm)	USCS Code	Fill/Native	Material Description
							Surface Black Gravel / Cobble
		32	28	6.9	ML	F	0-0.5 Dark Gray silt, trace sand, wet, trace
<19 1			ND	6.9	GW		gravel / 0.5-1.25' Dark brown gravel, w/ coarse
<16			ND	0.9	↓		sand, trace silt, wet / cobble at 1.25'
<15 2			ND	1.2	ML		1.25-1.75' brown f-m sand, dense, wet wet
<14			ND	0			1.75-2.25' dark brown, f-c sand, dense saturate
<14 3			ND	0			2.25-2.5 Black f-coarse sand dense, wet
<14			ND	0			2.25-4' Brown fine sand, dense, wet
<15 4			ND	0			
		28	24	0.8			~4-7.5 Brown, fine sand, dense, saturated
<17 5			ND	1.0			
<16			ND	0.7			
<18 6			ND	0.9			
			15	0.9			
<14 7			ND	1.1			
<13			ND	1.3	↓	↓	
8			116	4.3	PT	N	7.5-8 Black peat, trace silt, moist, HC odor
		20	174	5.4			
9	S2192E7		191	7.3			8-12' Black peat, very soft, moist
			113	4.5			
10			79	20.8			
			178	19.8			
11			33	34.1			
<12			ND	16.5			
12			19	83.0	↓	↓	
							EOB
13							
14							
15							
16							
17							
18							
19							

Site: Chevron: Perth Amboy, NJ	Drilling Company: Summit	Northing: NA
Boring/Well ID: S4672	Driller: J. Shuren	Easting: NA
Permit No:	Consulting Firm: Parsons	Elevation: NA
Location: SWMU41 MV ETP	Logged By: N Paulsen	Datum: Ground Surface / Mean Sea-Level
Start Date: 5/7/15	Drill Rig Type: Geoprobe	Total Depth (Ft BGS): 10
Complete Date: 5/7/15	Drilling Method: Direct Push	Boring Diameter (inch): 2 1/4
Field Book No: 299 LNAIL POI	Colocated TWP ID:	Water Depth in Soil: 4 ft
Weather: 70°F	Screen Interval:	

Remarks:

Depth Ft	Sample ID	Recovery	PID	Stratum	USCS Code	Material Description
0		60/60	0.0	FILL	SWGW	0.0 - 2.0 V. Dk brown FtC SAND,
			0.0			Some FtC Gravel, loose, Dry, no stain, No
1			0.0			odor
			0.0			
2			0.0		SW	2.0 - 4.0 Lt Brownish Red FtC SAND,
			0.0			little fine Gravel, loose, dry, no stain, no
3			0.0			odor
	S4672B4		0.0			
4		48/60	0.0		SPSM	4.0 - 5.0 Lt o/ brown FtM SAND,
			0.0			Some Silt, Med dense, wet, no stain,
5		48/60	0.0			No odor
			0.0			5.0 - 6.0 Same As Above (4.0 - 5.0)
6			0.0		MLSP	6.0 - 6.5 Dk o/ brown SILT, some
			0.0			fine Sand, soft, wet, slight petro stain
7	S4672D3		4.6			No petro odor
			0.0	NATIVE	SPGP	6.5 - 7.0 Brown FtM SAND, some fine Gravel
8			0.0			little Silt, dense, moist, slight petro stain,
	S4672E2		0.0			No petro odor
9					PT	7.0 - 7.5 V. Dk brown to Black PEAT (fibrous
						root mat) Med. stiff moist, petro stain, petro odor
10					OL PT	7.5 - 9.0 Dk o/ gray organic SILT, Some Peat, soft,
						moist, no stain, no odor

Page 1 of 1

REVIEWER INITIALS & DATE: JL

9.0 - 10.0 No Recovery

EOB @ 10 ft

Site: Chevron: Perth Amboy, NJ	Drilling Company: Summit	Northing: NA
Boring/Well ID: S4673	Driller: M. Faria	Easting: NA
Permit No:	Consulting Firm: Parsons	Elevation: NA
Location: SWMU 41	Logged By: N. Paulson	Datum: Ground Surface / Mean Sea-Level
Start Date: 5/1/15	Drill Rig Type: Geoprobe	Total Depth (Ft BGS): 15
Complete Date: 5/1/15	Drilling Method: Direct Push	Boring Diameter (inch): 2
Field Book No: 279 LNAPL PDI	Colocated TWP ID:	Water Depth in Soil:
Weather: 60°F Sunny	Screen Interval:	3ft

Remarks:

Depth Ft	Sample ID	Recovery	PID	Stratum	USCS Code	Material Description
0		48/60	0.0	FILL	GW	0.0 - 0.5 Gray FTC GRAVEL, Loose, Dry, No Stain
			0.3		SWGW	No odor
1			1.2		SWGW	0.5 - 1.5 Brown FTC SAND, Some FTC Gravel,
			1.0			Trace Silt, Medium Dense, Moist, No Stain, No odor
2			0.7		SWGP	1.5 - 2.9 Light Brown FTC SAND, Some F Gravel,
			0.6			Medium Dense, Moist, No stain, No odor
3	S4673B3		3.8		SW	2.9 - 4.0 ft Very Dark Brown FTC SAND,
			0.6			Little Gravel, (1 in lens of Brick @ 3.0 ft) Medium
4			—			Dense, wet, slight petro stain, slight Petro odor
			—			4.0 - 5.0 ft No Recovery
5		48/60	0.6		SWGP	5.0 - 5.5 ft SAME AS ABOVE (1.5 - 2.9 ft)
			0.5		MLSP	5.5 7.2 ft Dark Red Brown SILT, Some Fine Sand,
6			0.3			Little Gravel, Stiff, Moist, No stain, No odor
			0.4			
7			0.3		MLSP	7.2 - 8.0 Brown SILT, Some fine Sand
			0.3			little Gravel, Soft, moist, no stain, no odor
8			0.1		MLSP	8.0 - 9.0 Dk red brown SILT, some fine
			0.1			Sand, little Clay to Gravel, Soft, wet, no
9			—			Stain, no odor
			—			
10						

REVIEWER INITIALS & DATE: SL 5/1/15

Site: Chevron: Perth Amboy, NJ	Drilling Company: Summit	Northing: NA
Boring/Well ID: S4673	Driller: M. Faria	Easting: NA
Permit No:	Consulting Firm: Parsons	Elevation: NA
Location: SWMU41	Logged By: N. Paulson	Datum: Ground Surface / Mean Sea-Level
Start Date: 5/1/15	Drill Rig Type: Geoprobe	Total Depth (Ft BGS): 15
Complete Date: 5/1/15	Drilling Method: Direct Push	Boring Diameter (inch): 2
Field Book No: 299	Colocated TWP ID:	Water Depth in Soil: 3ft
Weather: 60°F, Clear	Screen Interval:	

Remarks:

Depth Ft	Sample ID	Recovery	PID	Stratum	USCS Code	Material Description
10		60/60	276	SMSP	FILL	10.0-11.0 Same As Above (8.0-9.0)
			199			
11	S4673 F3		332	PTML	NATIVE	11.0-11.5 V. Dk brown to black PEAT,
			134			Some Silt, Soft, Moist, Heavy petro stain
12			14.1			Strong petro odor
			1.4	OLPT		11.5-13 Dk ol gray Organic SILT
13			1.2			Some Peat (root fragments), soft, moist,
			0.9			organic plant matter decay odor
14			1.1	PT		13-15 Dk olive brown PEAT (fibrous
	S4673H2		1.2			root mat) soft, moist, no stain, organic
15						plant matter decay odor
6						
7						
8						
9						
0						

REVIEWER INITIALS & DATE: SL 5/11/15

Site: Chevron: Perth Amboy, NJ	Drilling Company: Summit	Northing: NA
Boring/Well ID: S4674	Driller: M. Faria	Easting: NA
Permit No:	Consulting Firm: Parsons	Elevation: NA
Location: SWMU 41-S4674	Logged By: N. Paulson	Datum: Ground Surface / Mean Sea-Level
Start Date: 5/1/15	Drill Rig Type: Geoprobe	Total Depth (Ft BGS): 10
Complete Date: 5/1/15	Drilling Method: Direct Push	Boring Diameter (inch): 2
Field Book No: 266 LNAPL PDT	Colocated TWP ID:	Water Depth in Soil:
Weather: 60°F Cloudy	Screen Interval:	

Remarks:

Depth Ft	Sample ID	Recovery	PID	Stratum	USCS Code	Material Description
0		6/60	0.3	FILL	SWGW	0.0 - 1.5 VDK brown FTC SAND, some
			0.5			ftc Gravel, loose, Dry no stain, no
1			0.6			odor
			0.8		SWGW	1.5 - 2.6 Brown FTC SAND, some
2			0.6			ftc Gravel, trace Silt, dense, moist, no
			0.4			stain, No odor
3			0.6		SW	2.6 - 4.6 Lt ~~Red~~ dusk brown FTC SAND, little
	S4674B4		0.6			ftm Gravel, moist, wet @ 4 ft, No stain
4			0.6			no odor
			0.6		SP	4.6 - 5.6 Lt Brown ftm SAND, little Silt and
5		60/60	0.5			fine Gravel, loose, wet, no stain, no odor
			0.4		SW	5.0 - 6.0 Brown to lt brown ftc SAND, little Silt to
6			0.3			fine Gravel, med dense, wet, no stain, no odor
			0.5		CLML	6.0 - 7.0 lt olive brown w/ red to lt brown mottling
7	S4674D3		3.5	NATIVE		CLAY some silt, soft, moist, no stain, no odor
			0.0		PT	7.0 - 7.3 V. Dk brown PEAT, fibrous root mat,
8			0.0			soft, moist, petro staining, petro odor
			0.0		PTML	7.3 - 10.0 Dk olive gray PEAT (fibrous root
9			0.0			mat), Some Silt, Soft, moist, no stain,
	S4674E4		0.0			no odor
0						

REVIEWER INITIALS & DATE: 5/1/15

Site: Chevron: Perth Amboy, NJ	Drilling Company: Summit	Northing: NA
Boring/Well ID: S4675	Driller: M. Farina	Easting: NA
Permit No:	Consulting Firm: Parsons	Elevation: NA
Location: SWMU 41	Logged By: N. Paulson	Datum: Ground Surface / Mean Sea-Level
Start Date: 4/30/15	Drill Rig Type: Geoprobe	Total Depth (Ft BGS): 10
Complete Date: 4/30/15	Drilling Method: Direct push	Boring Diameter (inch): 2.4
Field Book No: 299 LNAPL PDF	Colocated TWP ID:	Water Depth in Soil: 5.5
Weather: 60°F Windy	Screen Interval:	

Remarks:

Depth Ft	Sample ID	Recovery	PID	Stratum	USCS Code	Material Description
0		48/60	0.0		GWSW	0.0 - 0.3 ft FTC GRAVEL, some FTC sand,
			0.0			Little grass fragments, Loose, dry, No stain
1			0.0			no odor
			0.0		GWSW	0.3 - 4.0 Brown FTC GRAVEL, Some ftc
2			0.0			Sand, little Silt, Med dense, moist, no
			0.0			Stain, no odor
3			0.0			
	S4675B4		0.0	FILL		
4			—			4.0 - 5.0 No Recovery
			—			
5	S4675C3		0.0		SW	5.0 - 6.0 lt brown FTC SAND, little
			0.0			fine Gravel, loose, wet, no Stain, No
6			0.0			odor, wet @ 5.5' BGS
			0.0		PT	6.0 - 8.0 Dk d Brown, PEAT,
7			0.0			Some root fragments, soft, wet, no stain
			0.0	NATIVE		organic plant matter decay odor
8			0.0		OL	8.0 - 9.0 Dk d gray organic SILT,
	S4675E2		0.0			Some root fragments, soft, moist, strong
9			—			organic plant matter decay odor
			—			
10						

Page 1 of 1

REVIEWER INITIALS & DATE: 4/30/15

Site: Chevron: Perth Amboy, NJ	Drilling Company: Summit	Northing: NA
Boring/Well ID: S4676	Driller: M. Faria	Easting: NA
Permit No:	Consulting Firm: Parsons	Elevation: NA
Location: SWMU 41	Logged By: N. Paulson	Datum: Ground Surface / Mean Sea-Level
Start Date: 5/1/15	Drill Rig Type: Geoprobe	Total Depth (Ft BGS): 10 ft
Complete Date: 5/1/15	Drilling Method: Direct Push	Boring Diameter (inch): 2 inch
Field Book No: 299 LNAPL PDT	Colocated TWP ID:	Water Depth in Soil: 5 ft
Weather: 57°F / Partial Cloudy	Screen Interval:	

Remarks:

Depth Ft	Sample ID	Recovery	PID	Stratum	USCS Code	Material Description
0		48/60	0.5	FILL	SWGW	0.0-1.0 Brown FTC SAND, Some ftc
			1.0			Gravel, trace silt, medium dense, dry,
1			0.5			no stain, no odor
			0.3		SW	1.0 - 2.0 lt Red Brown FTC SAND, med.
2			0.3			dense, moist no stain, no odor
			0.6		SWGW	2.0 - 4.0 dl brown FTC SAND, Some ftc
3			0.3			Gravel, trace Silt, dense, moist, no stain,
	S4676B4		0.6			no odor
4			—			4.0-5.0 No Recovery
			—			
5		48/60	0.4	NATIVE	MLSM	5.0 - 6.0 Dk red brown SILT, some fine
			0.3			Sand, trace Gravel to Clay, wet, soft,
6	S4676D1		18.6			no stain, No odor
			0.9		PT	6.0-6.3 V. Dk brown PEAT, ~~some~~ dl
7			1.6			(fibrous root mat), Soft, moist, Petro
			0.0			stain, petro odor
8			0.0		PT	6.3-9.0 Dk dl brown PEAT (fibrous root
	S4676E2		0.0			mat) little silt, soft, moist, No stain
9			—			organic plant matter decay odor
			—			
10						

Page 1 of 1

REVIEWER INITIALS & DATE: fl 5/1/15

Site: Chevron: Perth Amboy, NJ	Drilling Company: Summit	Northing: NA
Boring/Well ID: S4677	Driller: M. Farig	Easting: NA
Permit No:	Consulting Firm: Parsons	Elevation: NA
Location: SWMU 41	Logged By: N. Paulson	Datum: Ground Surface / Mean Sea-Level
Start Date: 4/30/15	Drill Rig Type: Geoprobe	Total Depth (Ft BGS): 10
Complete Date: 4/30/15	Drilling Method: Direct Push	Boring Diameter (inch): 2
Field Book No: 299 LNAPL/DE	Colocated TWP ID:	Water Depth in Soil: 3.5
Weather: 60°F cloudy	Screen Interval:	

Remarks: Dup at E2

Depth Ft	Sample ID	Recovery	PID	Stratum	USCS Code	Material Description
0		48/60	0.1		SWGW	0.0 – 1.0 Brown FTC SAND, Some FTC Gravel
			0.2			Loose, Dry, No stain, No odor
1			0.0		SWSM	1.0 – 1.5 Olive Brown FTC SAND, Some Silt,
			0.0			Loose, Dry, No Stain, No odor
2			0.1		SW	1.5 – 3.0 lt red brown FTC SAND,
	S4677B2		0.0			loose, moist, no stain, No odor
3			0.1		SW	3.0 – 3.5 lt ol brown FTC SAND,
			0.2			trace silt & Gravel, loose, wet, no stain
4		—	—			no odor, wet @ 3.5' BGS.
		—	—		SWSM	3.5 – 4.0 V. Dk brown to black FTC
5		48/60	0.1	FILL		SAND, Some Silt, trace Clay, med dense,
			0.0			moist, ~~no~~ lt stain, no odor, possible petro stain
6			0.0			4.0 – 5.0 No Recovery
			0.0		SW	5.0 – 6.0 Same As Above (3.0 – 3.5)
7			0.0		MLSM	6.0 – 8.0 Dk red brown SILT, some
	S4677D4		6.0			ftm Sand, Soft, wet, No Stain, no odor, 2" lens
8			0.3			of gray silt, ~~root~~ fragments at 6 ft.
	S4677E2		0.5	NATIVE	PT	8.0 – 9.0 Dk ol gray PEAT, some
9		—	—			root fragments, Soft, moist, slight petro
		—	—			stain at 8 – 8.1, no petro odor
10						9.0 – 10.0 No Recovery

Page 1 of 1

REVIEWER INITIALS & DATE: [initials] 4/30/15

Boring/Well SB-4 Project/No. 1st Phase KFI Page 1 of 1

Site Location SWMU-41 Drilling Started 2-13-96 Drilling Completed 2-13-96

Total Depth Drilled 8 feet Hole Diameter 2 inches Type of Sample/Coring Device 2" OD Split Spoon

Length and Diameter of Coring Device 2" OD Stainless Steel Split Spoon Sampling Interval 2 feet

Land-Surface Elev. NA feet ☐ Surveyed ☐ Estimated Datum NA

Drilling Fluid Used NA Drilling Method Direct Push

Drilling Contractor GPI Driller Scott Porphy Helper NA

Prepared By Keith Zielenski Hammer Weight NA Hammer Drop NA inches

SB-0184 U041-004

OUM F	V	Sample/Core Depth (feet below land surface) From	To	Core Recovery (feet)	Time/Hydraulic Pressure or Blows per 6 inches	Sample/Core Description
9	66	0	2	1.8	0932	0-.8 Gravel Fill Remainder Tan to Light Brown F SAND, well
					Fl	Sorted, loose, angular, trace silt, trace F gravels, pet staining and odor ~~and~~ at mouth of spoon
26	88	2	4	2.0	0937	1.5 SAA, moist
						Remainder Dark Gray SILT, Some Sand (F),
					Fl	trace gravels, hard, trace terracotta fragments.
						pet odor (FILL)
78	192	4	6	2.0	0942	.25 Slough
						Remainder Dark Gray SILT As Above,
					Fl	trace concrete, possible trace Asphalt.
28	333	6	8	2.0	0946	.30 Slough 1.0 SAA .25 Catalyst Beads w/ Sheen
					Fl	Remainder Dark Gray SILT, Some F sand,
						trace gravel, strong pet odor.
						Wet at 7.5'.
		8 feet				
						Sample collected SB-4 6-8
						and Duplicate sample collected
						SB-0184S-D Sample
						SB-0185S-D Duplicate

Southern 89-1

Boring/Well SB-01 Project/No. 1st Phase RFI-4932360 Page 1 of 1

Site Location U041-0001 SWMU 47 Drilling Started 12/6/95 Drilling Completed 12/6/95

Total Depth Drilled 4.5 feet Hole Diameter 2 inches Type of Sample/Coring Device Split Spoon

Length and Diameter of Coring Device 2" OD SS Split Spoon Sampling Interval 2 feet

Land-Surface Elev. — feet ☐ Surveyed ☐ Estimated Datum —

Drilling Fluid Used NA Drilling Method Geoprobe

Drilling Contractor EPI Driller Scott Porphy Helper

Prepared By Lauren LaCount + Keith Zielenski Hammer Weight NA Hammer Drop NA inches

02.404.NFA.6562.L0043.12/6/1995

U041-001

OVM	Sample/Core Depth (feet below land surface) From	To	Core Recovery (feet)	Time/~~Hydraulic Pressure or Blows per 6 Inches~~ Headspace	Sample/Core Description
0	0	2	1.8	1315 / 0	.30 Gravel (57 stone)
					Remainder Tan to Light Brown (f) SAND, trace
					silt, angular, ~~[illegible]~~ trace (f) Gravel,
					poorly sorted, trace organics, (FILL) wet
0	2	4	2.0	1320 / 5	SAA no trace gravels, well sorted.
					Dark Staining at 2.3'-2.5' BGS &
					3.4-3.5' BGS. (FILL) wet
0	4	.6	.4	1325 / 0	SAA w/ dark Staining
					Refusal at 4.5' BGS

Southcrest 89

Boring/Well SB-3 Project/No. 1st Phase RFI-4932360 Page 1 of

Site U041-0003
Location SWMU-41 Drilling Started 12/6/95 Drilling Completed 12/6/95

Total Depth Drilled 5.5 feet Hole Diameter 2 inches Type of Sample/Coring Device Split Spoon

Length and Diameter of Coring Device 2" OD SS Split Spoon Sampling Interval 2 feet

Land-Surface Elev. — feet ☐ Surveyed ☐ Estimated Datum —

Drilling Fluid Used NA Drilling Method Geoprobe

Drilling Contractor EPI Driller Scott Poiphy Helper

Prepared By Lauren LaCount + Keith Zielenski Hammer Weight NA Hammer Drop NA inches

U041-003

OVM	Sample/Core Depth (feet below land surface) From	To	Core Recovery (feet)	Time/~~Hydraulic Pressure or Blows per 6 inches~~ Headspace	Sample/Core Description
Ø	0	2	1.8	1500/Ø	.25 Gravel Fill Remainder Red to Medium Brown Silty SAND, F-M, dense, poorly sorted, angular, trace gravel (f), trace lignite, Fill moist.
14	2	4	1.9	1504/14	Top .2 SAA .8 Tan fine SAND, sub angular, loose, well sorted, Fill, damp. Remainder Gray Sandy SILT, slightly plastic, hard, trace gravel (quartz) Slight dark staining, fill
1 1/.8	4	6	1.5	1505/43	Top .8 SAA Remainder Tan/Gray SILT, plastic, hard, red brown mottles. Dark Staining & pet odor at much of spoon. Refusal at 5.5' BGS

Southpoint 69-1

Site: Chevron: Perth Amboy, NJ	Drilling Company: East Coast Drilling, Inc.	Northing: 622077.2698
Boring/Well ID: S5093	Driller: A. Mackiewicz	Easting: 557673.4495
Permit No: NA	Consulting Firm: Parsons	Elevation: 6.65
Location: SWMU 31 41	Logged By: N. Paulson	Datum: Ground Surface
Start Date: 04/12/2016	Drill Rig Type: Geoprobe	Total Depth (Ft BGS): 10.0 Ft
Complete Date: 04/12/2016	Drilling Method: Direct Push - Tripod	Boring Diameter (inch): 2 in
Field Book No: 317	Sampling Method: MC	Water Depth in Soil (Ft BGS): 2 Ft
Weather: 50 degrees F	Hammer Drop: NA	
	Hammer Weight: NA	

Remarks:

Depth Ft	Sample ID	Recovery	XRF Pb	XRF As	PID	Stratum	USCS Code	Material Description
0			24		0	FILL	GW/SW	Brown f-c GRAVEL, some f-c sand, trace silt, medium dense, wet, no stain or odor
			ND	ND	0	FILL	SW/ML	Brown f-c SAND, some silt, little gravel, dense, wet, no stain or odor
1			ND	ND	0	FILL	SW	Light Brown f-c SAND, trace silt, medium dense, moist, stain and odor @ 1.5-1.6' bgs.
			ND	11	0			
2			ND	ND	0	FILL	SP	Light Brown f-m SAND, dense, wet, no stain, no odor
			ND	ND	0			
3			36	ND	0			
			ND	ND	0			
4						FILL		No Recovery
5	S5093C3		ND	ND	0	FILL	SP	Same as above 2-4' bgs. interval
			ND	ND	0			
6	S5093D1		611	36	0	Native	PT	Very Dark Brown PEAT, some fibrous root mat, soft, moist, strong petro stain, slight petro odor
			19	ND	0	Native	PT	Olive Brown PEAT, some fibrous roots, soft, moist, no stain, no odor
7	S5093D3		ND	ND	0			
			12	ND	0			
8			ND	ND	0			
	S5093E2		ND	ND	0			
9			15	ND	0			
10.0						Native		No Recovery

Site: Chevron: Perth Amboy, NJ	Drilling Company: East Coast Drilling, Inc.	Northing: 622092.3213
Boring/Well ID: S5094	Driller: A. Mackiewicz	Easting: 557657.9141
Permit No: NA	Consulting Firm: Parsons	Elevation: 6.7
Location: SWMU 31 41	Logged By: N. Paulson	Datum: Ground Surface
Start Date: 04/12/2016	Drill Rig Type: Geoprobe	Total Depth (Ft BGS): 10.0 Ft
Complete Date: 04/12/2016	Drilling Method: Direct Push - Tripod	Boring Diameter (inch): 2 in
Field Book No: 317	Sampling Method: MC	Water Depth in Soil (Ft BGS): 2 Ft
Weather: 52 degrees F, Rainy	Hammer Drop: NA	
	Hammer Weight: NA	

Remarks:

Depth Ft	Sample ID	Recovery	XRF Pb	XRF As	PID	Stratum	USCS Code	Material Description
0			35	ND	0	FILL	GW/SW	Brown f-c GRAVEL, some f-c sand, little silt, moist dense
			ND	ND	0	FILL	GW/SW	Dark Gray f-c GRAVEL, some f-c sand, loose, moist
1			35	ND	0	FILL	SW/GW	Brown f-c SAND, some f-c gravel, little silt, dense, moist
			24	ND	0	FILL	SW	Brown f-c SAND, trace silt, dense, wet, slight petro stain and odor
2			18	ND	0			
			ND	ND	0	FILL	SP	Light Brown f-m SAND, medium dense, wet, no stain, no odor
3			ND	ND	0			
			ND	ND	0			
4						FILL		No Recovery
5	S5094C3		ND	ND	0	FILL	SP	Same as above 2.8-4' bgs. interval
			ND	ND	0			
6	S5094D1		282	44	0			
			155	79	0	Native	PT	Very Dark Brown PEAT, soft, moist, petro stain and odor
7			78	31	0	Native	PT	Brown PEAT, (fibrous root mat), soft, moist, no stain, organic plant matter decay odor
	S5094D4		ND	9	0			
8			13	ND	0			
	S5094E2		ND	ND	1			
9			ND	ND	7.8			
10.0						Native		No Recovery

Site: Chevron: Perth Amboy, NJ	Drilling Company: East Coast Drilling, Inc.	Northing: 622094.7928
Boring/Well ID: S5095	Driller: A. Mackiewicz	Easting: 557689.4117
Permit No: NA	Consulting Firm: Parsons	Elevation: 5.24
Location: SWMU 31 41	Logged By: N. Paulson	Datum: Ground Surface
Start Date: 04/12/2016	Drill Rig Type: Geoprobe	Total Depth (Ft BGS): 10.0 Ft
Complete Date: 04/12/2016	Drilling Method: Direct Push - Tripod	Boring Diameter (inch): 2 in
Field Book No: 317	Sampling Method: MC	Water Depth in Soil (Ft BGS): 1.5 Ft
Weather: 52 degrees F., Cloudy	Hammer Drop: NA	
	Hammer Weight: NA	

Remarks:

Depth Ft	Sample ID	Recovery	XRF Pb	XRF As	PID	Stratum	USCS Code	Material Description
0			58	31	0	FILL	GW/SW	Brown f-c GRAVEL, some f-c sand, little silt, loose, moist, no stain, no odor
			78	ND	0			
1			43	ND	0	FILL	SW/ML	Brown f-c SAND, some silt, little f-c gravel, dense, moist, no stain, no odor
			ND	ND	0	FILL	SP	Grown f-m SAND, dense, wet. no stain, no odor
2			51	ND	0			
			22	ND	0	FILL	SW/GW	Brown f-c SAND, some f-c gravel, loose, moist, no stain, no odor
3			ND	ND	0	FILL		Light Gray CONCRETE, dry, loose, no stain, no odor
			16	ND	0	Native	SW/ML	Same as above 1-1.5' bgs. interval
4	S5095C1		32	ND	0			
						Native		No Recovery
5			ND	ND	0	Native	SP	Light Brown f-m SAND, medium dense, wet, no stain, no odor
	S5095C4		206	116	0	Native	PT	Very Dark Brown PEAT, some root mat, soft, moist, petro stain, petro odor
6			19	23	0	Native	PT	Olive Brown PEAT, (fibrous root mat), soft, moist, no stain, organic root decay odor
			32	15	0			
7	S5095D3		ND	ND	0.5			
			ND	ND	7.1			
8			18	ND	0.8			
	S5095E2		ND	11	0	Native	OL	Dark Gray ORGANIC SILT, some clay, soft, moist, no stain, organic root decay odor
9			ND	18	0			
						Native		No Recovery
10.0								

Site: Chevron: Perth Amboy, NJ	Drilling Company: East Coast Drilling, Inc.	Northing: 622062.2072
Boring/Well ID: S5096	Driller: A.Mackiewicz	Easting: 557687.4284
Permit No: NA	Consulting Firm: Parsons	Elevation: 6.7
Location: SWMU 31 41	Logged By: N. Paulson	Datum: Ground Surface
Start Date: 04/13/2016	Drill Rig Type: Geoprobe	Total Depth (Ft BGS): 10.0 Ft
Complete Date: 04/13/2016	Drilling Method: Direct Push - Tripod	Boring Diameter (inch): 2 in
Field Book No: 317	Sampling Method: MC	Water Depth in Soil (Ft BGS): 3 Ft
Weather: 57 degrees F., Sunny	Hammer Drop: NA	
	Hammer Weight: NA	

Remarks:

Depth Ft	Sample ID	Recovery	XRF Pb	XRF As	PID	Stratum	USCS Code	Material Description
0			36	ND	0	FILL	GW	Dark Gray f-c GRAVEL, little f-c sand, medium dense, wet, no stain, no odor
			26	ND	0			
1			ND	ND	0	FILL	SP	Light Brown f-m SAND, dense, wet, no stain, no odor
			ND	8	0			
2			ND	ND	0			
			ND	ND	0			
3			ND	ND	0			
			ND	ND	0			
4						FILL		No Recovery
5	S5096C3		21	ND	0	FILL	GW/SW	Dark Gray f-c GRAVEL and f-c SAND, medium loose, wet, no stain, no odor
	S5096C4		205	29	0			
6			171	ND	0	FILL	ML/SM	Red Brown SILT, some f-m sand, medium stiff, wet, no stain, no odor
			35	13	0			
7	S5096D3		180	49	0	Native	PT/OL	Dark Olive Brown PEAT, some organic silt, medium soft, moist, no stain, organic decay odor
			33	21	0			
8			14	18	0			
	S5096E3		56	20	0			
9								
10.0								

Site: Chevron: Perth Amboy, NJ	Drilling Company: East Coast Drilling, Inc.	Northing: 622066.0875
Boring/Well ID: S5097	Driller: A. Mackiewicz	Easting: 557653.9908
Permit No: NA	Consulting Firm: Parsons	Elevation: 8.36
Location: SWMU 31 41	Logged By: Scott Lewis	Datum: Ground Surface
Start Date: 04/13/2016	Drill Rig Type: Geoprobe	Total Depth (Ft BGS): 10.0 Ft
Complete Date: 04/13/2016	Drilling Method: Direct Push - Tripod	Boring Diameter (inch): 2 in
Field Book No: 317	Sampling Method: MC	Water Depth in Soil (Ft BGS): 6 Ft
Weather: 57 degrees F., Sunny	Hammer Drop: NA	
	Hammer Weight: NA	

Remarks:

Depth Ft	Sample ID	Recovery	XRF Pb	XRF As	PID	Stratum	USCS Code	Material Description
0			21	ND	0	FILL	GW/SW	Light Gray f-c GRAVEL, some f-c sand, loose, dry, no stain, no odor
			ND	ND	0	FILL	SP	Light Brown f-m SAND, medium dense, moist, no stain, no odor
1			ND	ND	0			
			ND	ND	0.1			
2			ND	ND	0.1			
			ND	ND	0			
3			ND	ND	0			
			11	ND	0			
4			ND	ND	0			
			16	ND	0			
5			50	ND	0	FILL	SP	Same as above 0.5-5' bgs. interval, wet @ 6' bgs.
	S5097C4		ND	ND	0			
6			ND	ND	0			
			ND	ND	0			
7	S5097D3 D0413169		328	ND	23.7	FILL	ML	Dark Gray SILT, soft, wet, no stain, no odor
			12	ND	0.2	FILL	SP	Light Brown f-m SAND, loose, saturated, no stain, no odor
8			ND	ND	0.2	Native	PT	Dark Olive Brown PEAT, some organic silt, soft, moist, no stain, no odor
	S5097E2		37	ND	0.2			
9								
10.0								

Site: Chevron: Perth Amboy, NJ	Drilling Company: East Coast Drilling, Inc.	Northing: 622180.4265
Boring/Well ID: S5098	Driller: A. Mackiewicz	Easting: 557518.1594
Permit No: NA	Consulting Firm: Parsons	Elevation: 8.88
Location: SWMU 31 41	Logged By: Scott Lewis	Datum: Ground Surface
Start Date: 04/13/2016	Drill Rig Type: Geoprobe	Total Depth (Ft BGS): 15.0 Ft
Complete Date: 04/13/2016	Drilling Method: Direct Push - Tripod	Boring Diameter (inch): 2 in
Field Book No: 317	Sampling Method: MC	Water Depth in Soil (Ft BGS): 3 Ft
Weather: 60 degrees F., Clear	Hammer Drop: NA	
	Hammer Weight: NA	

Remarks:

Depth Ft	Sample ID	Recovery	XRF Pb	XRF As	PID	Stratum	USCS Code	Material Description
0			15	ND	0	FILL	SW/GW	Dark Brown f-c SAND, some f-c gravel, little silt, dense, moist, no stain, slight petro odor
			ND	ND	0			
1			24	ND	68			
			ND	ND	2.2	FILL	SP	Light Brown f-m SAND, medium loose, very moist, no stain, no odor
2			70	ND	0.9	FILL	SW/SM	Very Dark Red Brown f-c SAND, some silt, moist, wet @ 3' bgs., dense, no stain, no odor
			66	ND	1			
3			22	ND	10			
			72	ND	0.3			
4			67	ND	0.9			
			48	ND	0.2			
5			37	ND	0	FILL	ML/SW	Dark Brown SILT, some f-c sand, wet, very stiff, no stain, no odor
			17	ND	0			
6			60	ND	0			
			44	ND	0.1			
7			61	ND	0.2	FILL	CL/ML	Dark Red Brown CLAY, some silt, little f-c sand and gravel, very stiff, dry, slight petro stain and odor @ 8' bgs.
			137	ND	8.2			
8			176	ND	0.9			
			91	ND	0.4			
9						FILL		No Recovery
10			39	ND	0.6	FILL	CL/ML	Same as above 7.3-9' bgs. interval, trace NAPL on core
			13	ND	0.5			
11	S5098F3		21	ND	0.3			
			20	ND	39.9			
12	S5098G1		881	57	312	Native	OL/PT	Dark Olive Gray ORGANIC SILT, some peat, soft, moist, little root fragments, no stain, organic plant matter decay odor
			14	ND	17.8			
13	S5098G3		16	ND	4.3			
			11	ND	2.4			
14								
15.0								

Site: Chevron: Perth Amboy, NJ	Drilling Company: East Coast Drilling, Inc.	Northing: 622187.7575
Boring/Well ID: S5099	Driller: A. Mackiewicz	Easting: 557530.2063
Permit No: NA	Consulting Firm: Parsons	Elevation: 7.4
Location: SWMU 31 41	Logged By: Scott Lewis	Datum: Ground Surface
Start Date: 04/15/2016	Drill Rig Type: Geoprobe	Total Depth (Ft BGS): 15.0 Ft
Complete Date: 04/15/2016	Drilling Method: Direct Push - Tripod	Boring Diameter (inch): 2 in
Field Book No: 317	Sampling Method: MC	Water Depth in Soil (Ft BGS): 10 Ft
Weather: 50 degrees F., sunny/clear	Hammer Drop: NA	
	Hammer Weight: NA	

Remarks: This is in same location as S4673.

Depth Ft	Sample ID	Recovery	XRF Pb	XRF As	PID	Stratum	USCS Code	Material Description
0								See log for S4673
1								
2								
3								
4								
5			46	ND	0			Olive Brown SILT, some fine sand, moist, stiff, no stain, no odor
			ND	ND	0			
6			69	ND	0			
			38	ND	0			Red Brown SILT, little f-c sand and gravel, very stiff, moist, slight petro stain, no odor
7			158	ND	0			
	S5099D4		393	79	0			
8			49	ND	9.6			
			18	ND	0.2			
9								No Recovery
10	S5099F1		435	41	48			Dark Olive Gray ORGANIC SILT, some peat, plant root fragments, soft, wet, petro stain, petro odor to 12' bgs., NAPL on core, wet @ 10' bgs.
			16	ND	128			
11	S5099F3		17	11	291			
			ND	ND	481			
12			ND	7	328			
			28	ND	24			
13			21	ND	17.5			
			30	12	13			
14								No Recovery
15.0								

Site: Chevron: Perth Amboy, NJ	Drilling Company: East Coast Drilling, Inc.	Northing: 622167.0292
Boring/Well ID: S5100	Driller: A. Mackiewicz	Easting: 557539.1121
Permit No: NA	Consulting Firm: Parsons	Elevation: 8.71
Location: SWMU 31 41	Logged By: Scott, Lewis	Datum: Ground Surface
Start Date: 04/15/2016	Drill Rig Type: Geoprobe	Total Depth (Ft BGS): 15.0 Ft
Complete Date: 04/15/2016	Drilling Method: Direct Push - Tripod	Boring Diameter (inch): 2 in
Field Book No: 317	Sampling Method: MC	Water Depth in Soil (Ft BGS): 7.5 Ft
Weather: 60 degrees F., Clear	Hammer Drop: NA	
	Hammer Weight: NA	

Remarks:

Depth Ft	Sample ID	Recovery	XRF Pb	XRF As	PID	Stratum	USCS Code	Material Description
0			28	ND	0			Light Gray f-c GRAVEL, little f-c sand, loose, dry, no staining, no odor
			41	ND	0			
1			53	ND	0			Light Red Brown SILT, some f-c sand, little f-c gravel, medium stiff, moist, no stain, no odor
			45	ND	0			
2			ND	ND	0			Olive Brown f-m SAND, trace fine gravel, dense, moist, no stain, no odor
			ND	ND	0			
3			15	ND	0			
			ND	ND	0			
4								No Recovery
5			21	ND	0			Same as above 1.8-4' bgs. interval
			28	ND	0.1			
6			27	ND	0.7			Very Dark Red Brown SILT, some clay, little f-c sand, slight petro stain, slight petro odor, medium stiff, moist
			56	ND	186			
7			11	ND	64.5			Light Olive Brown CLAY, stiff, dry, no stain, no odor, light brown mottles
			19	ND	8.7			Dark Brown SILT, some f-c sand, little f-c gravel and clay, medium stiff, wet, petro stained, petro odor, wet @ 7.5' bgs.
8			46	20	9.7			
			153	ND	11.4			
9								No Recovery
10	S5100F1		34	ND	1.6			Same as above 7.5-9' bgs. interval
			48	ND	8.5			
11	S5100F3 D0415169		3485	195	41.4			Very Dark Gray SILT, soft, wet, petro stain, petro odor
			1673	114	2.7			
12			26	10	5.5			Dark Olive Brown PEAT, (fibrous root mat), soft, moist, no stain, organic plant matter decay odor
	S5100G2		ND	14	9.2			
13			ND	ND	17.3			
			ND	ND	50.3			
14			13	ND	1.9			
								No Recovery
15.0								

Site: Chevron: Perth Amboy, NJ	Drilling Company: East Coast Drilling, Inc.	Northing: NA
Boring/Well ID: S5101	Driller: A. Mackiewicz	Easting: NA
Permit No:	Consulting Firm: Parsons	Elevation: NA
Location: SWMU 31/41	Logged By: S. Lewis	Datum: Ground Surface
Start Date/Time: 04/20/2016	Drill Rig Type: Geoprobe	Total Depth: 15.0 Ft
Complete Date: 04/20/2016	Drilling Method: Direct Push	Boring Diameter: 2 in
Weather: 67 deg F breezy sunny	Sample Method:	Water Depth in Soil: 5.9 Ft
Field Book No: 317	Hammer Weight: NA	
	Hammer Drop: NA	

Remarks: Performed in same location as S4672.

Depth Ft	Sample ID	Recovery	XRF Pb	XRF As	PID	Stratum	USCS Code	Graphic Log	Material Description
0									See log S4672.
1									
2						FILL			
3									
4									
5			ND	ND	0.0	FILL	SP		Light brown fine to medium SAND, little fine to coarse gravel, dense, dry, no stain, no odor.
			ND	ND	0.0				
6			ND	ND	0.0	FILL	SP/SM		Olive brown fine SAND, some silt, dense, wet, no stain, no odor.
			47	ND	0.0				
7			14	ND	0.0	FILL	ML		Brown SILT, little fine to coarse sand, stiff, moist, no stain, no odor.
			ND	ND	0.0				
8	S5101E1		255	79	0.0	NATIVE	OL		Dark gray SILT (organic silt), trace root fragments, soft, moist, slight petro stain and odor at 8 ft.
			12	ND	0.0				
9						NATIVE			No recovery.
10	S5101F1		29	ND	0.9	NATIVE	OL/PT		Dark gray organic SILT, some peat (fibrous root fragments), trace shell fragments, soft, moist, no stain, no odor.
			ND	ND	0.1				
11	S5101F3		ND	ND	0.2				
			ND	9	2.2				
12	S5101G1		ND	ND	0.1				
			ND	9	0.1				
13			ND	10	0.6				
			ND	9	0.1				
14						NATIVE			No recovery.
15.0									

Site: Chevron: Perth Amboy, NJ	Drilling Company: East Coast Drilling, Inc.	Northing: NA
Boring/Well ID: S5102	Driller: A. Mackiewicz	Easting: NA
Permit No:	Consulting Firm: Parsons	Elevation: NA
Location: ETP SWMU 31/41	Logged By: S. Lewis	Datum: Ground Surface
Start Date/Time: 04/21/2016	Drill Rig Type: Geoprobe	Total Depth: 15.0 Ft
Complete Date: 04/21/2016	Drilling Method: Direct Push	Boring Diameter: 2 in
Weather: 50 deg F sunny windy	Sample Method:	Water Depth in Soil: 5 Ft
Field Book No: 317	Hammer Weight: NA	
	Hammer Drop: NA	

Remarks: See boring log for S4674.

Depth Ft	Sample ID	Recovery	XRF Pb	XRF As	PID	Stratum	USCS Code	Graphic Log	Material Description
0									See boring log for S4674.
1									
2						FILL			
3									
4									
5			ND	ND	0.0				Brown fine to medium SAND, trace fine to medium gravel, dense, wet, no stain, no odor.
			12	ND	0.0	FILL	SP		
6			ND	ND	0.0				
			ND	ND	0.0	FILL	SP		Light brown fine SAND, trace wood fragments, dense, wet, no stain, no odor.
7			ND	ND	0.0				Dark red brown SILT, some clay, trace fine to coarse sand and gravel, very stiff, moist, slight petro stain, petro odor at 7 ft.
	S5102D4		68	ND	0.4	FILL	ML/CL		
8			29	14	2.0				Dark olive gray organic SILT, some peat (fibrous roots), soft, moist, slight petro stain and odor at 8.2 ft.
	S5102E2		223	29	0.1				
9			27	23	0.0	NATIVE	OL/PT		
	S5102E4		13	12	0.0				
10	S5102F1		39	ND	0.0				Same as above (8.2-10).
			11	ND	0.0				
11	S5102F3		ND	ND	0.0				
			ND	11	0.0				
12	S5102G1		ND	9	0.7				
			ND	7	3.6	NATIVE	OL/PT		
13			ND	9	2.8				
			12	ND	0.2				
14			ND	ND	4.8				
			ND	ND	3.6				
15.0									

ATTACHMENT 2

Summary of Analytical Results

Attachment 2 - Soil Results
Summary of Target Analyte List Metals Results - SWMU 31 41
Justification for No Further Action
Former Chevron Perth Amboy Facility - Perth Amboy, New Jersey

		Location ID	S0840	S0840	S0840	S0858	S0858	S0858	S0858	S0858	S1380	S1380	S1381	S1381	S1382	S1382
		Field Sample ID	S0840A2	S0840B1	S0840D3	S0858	S0858	S0858A3	S0858C1	S0858I1	S1380E3	S1380H2	S1381D1	S1381D4	S1382E4	S1382H3
		Sample Date	08/19/2002	08/19/2002	08/19/2002	09/10/2002	09/10/2002	09/10/2002	09/10/2002	09/10/2002	01/06/2003	01/06/2003	01/06/2003	01/06/2003	01/06/2003	01/06/2003
		Start Depth - End Depth	0.5 - 1	2 - 2.5	7 - 7.5	3 - 5	3 - 5	1 - 1.5	4 - 4.5	16 - 16.5	9 - 9.5	14.5 - 15	6 - 6.5	7.5 - 8	9.5 - 10	15 - 15.5
		Report Units	mg/kg	mg/kg	mg/kg	mg/kg	mg/L	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
		Sample Purpose	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG
Parameter Name	**Leached**	**Soil Action Levels**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**
Aluminum	N	NS	17600	18900	23400	-	-	5660	11900	25000	16500	18100	8370	13300	12700	23700
Aluminum	Y	NS	-	-	-	-	0.469	-	-	-	-	-	-	-	-	-
Antimony	N	340.0 mg/kg	2.7 J	0.82 U	1.3 U	-	-	1.1 J	1.2 J	1.2 U	1.3 J	0.83 U	89.1	7.5 J	3.1 J	4.2 J
Antimony	Y	340.0 mg/kg	-	-	-	-	0.224	-	-	-	-	-	-	-	-	-
Arsenic	N	20.0 mg/kg	5.2	5.6	12.7	-	-	2.3	5.7	14.4	16.3	10.0	**76.8**	**43.8**	**29.2**	**70.0**
Arsenic	Y	20.0 mg/kg	-	-	-	0.0049 U	-	-	-	-	-	-	-	-	-	-
Barium	N	47000.0 mg/kg	65.5	81.0	53.3	-	-	16.7	45.0	53.9	102	62.3	94.2	126	48.0	202
Barium	Y	47000.0 mg/kg	-	-	-	0.145	-	-	-	-	-	-	-	-	-	-
Beryllium	N	200.0 mg/kg	0.93	1.4	1.2	-	-	0.16 J	0.66	1.2	1.0	0.89	0.76	0.96	0.78	1.6
Beryllium	Y	200.0 mg/kg	-	-	-	-	0.0005 U	-	-	-	-	-	-	-	-	-
Cadmium	N	100.0 mg/kg	0.10 U	0.11 U	0.16 U	-	-	0.096 U	0.14 J	0.15 U	0.72 J	0.29 J	2.4	1.3 J	0.90 J	3.0 J
Cadmium	Y	100.0 mg/kg	-	-	-	0.00094 U	-	-	-	-	-	-	-	-	-	-
Calcium	N	NS	5720	3370	2300	-	-	2900	831	2620	1900	831	5080	2100	2230	7850
Calcium	Y	NS	-	-	-	-	13.7	-	-	-	-	-	-	-	-	-
Chromium	N	NS	27.5	18.7	44.6	-	-	10.0	20.6	44.7	38.1	26.5	21.3	38.5	83.2	99.8
Chromium	Y	NS	-	-	-	0.0021 J	-	-	-	-	-	-	-	-	-	-
Cobalt	N	NS	10.6	6.6	11.1	-	-	4.3 J	7.4	13.1	11.8	8.7	56.0	9.9	8.3	14.2
Cobalt	Y	NS	-	-	-	-	0.0017 U	-	-	-	-	-	-	-	-	-
Copper	N	600.0 mg/kg	104	42.2	13.8	-	-	29.4	28.0	18.2	169	43.7	594	**607**	515	436
Copper	Y	600.0 mg/kg	-	-	-	0.0087 J	-	-	-	-	-	-	-	-	-	-
Iron	N	NS	24300	26500	40700	-	-	13100	22800	42100	25900	21500	38600	20900	21400	38200
Iron	Y	NS	-	-	-	-	0.902	-	-	-	-	-	-	-	-	-
Lead	N	800.0 mg/kg	130	24.5	13.7	-	-	27.8	47.8	16.8	378	38.9	**1880**	361	615	346
Lead	Y	5000.0 ug/l	-	-	-	0.0341	-	-	-	-	-	-	-	-	-	-
Magnesium	N	NS	4180	2960	8670	-	-	2230	2510	8670	4830	3700	3470	3760	4110	8820
Magnesium	Y	NS	-	-	-	-	3.26	-	-	-	-	-	-	-	-	-
Manganese	N	NS	255	167	379	-	-	98.5	172	456	538	407	341	249	135	403
Manganese	Y	NS	-	-	-	-	0.004 J	-	-	-	-	-	-	-	-	-
Mercury	N	270.0 mg/kg	0.23	0.076 J	0.021 J	-	-	0.062 J	0.072 J	0.054 J	0.68	0.24	0.27	2.0	7.3	3.3
Nickel	N	2400.0 mg/kg	42.2	20.9	29.0	-	-	9.5	21.3	31.4	50.8	19.8	36.8	51.6	123	58.8
Nickel	Y	2400.0 mg/kg	-	-	-	0.0052 J	-	-	-	-	-	-	-	-	-	-
Potassium	N	NS	1010	437	5630	-	-	356	1770	5620	2760	2540	1460	2820	1850	5110
Potassium	Y	NS	-	-	-	-	2.77	-	-	-	-	-	-	-	-	-
Selenium	N	3100.0 mg/kg	0.49 U	0.51 U	0.89 J	-	-	0.68 J	0.62 J	1 J	0.56 U	0.52 U	8	3.6	1.2 J	4.6
Selenium	Y	3100.0 mg/kg	-	-	-	0.0048 U	-	-	-	-	-	-	-	-	-	-
Silver	N	4100.0 mg/kg	0.62 J	0.36 J	0.59 J	-	-	0.10 U	0.12 J	0.17 U	0.56 J	0.27 J	3.6	1.6 J	0.94 J	2.1 J
Silver	Y	4100.0 mg/kg	-	-	-	0.0014 U	-	-	-	-	-	-	-	-	-	-

Attachment 2 - Soil Results
Summary of Target Analyte List Metals Results - SWMU 31 41
Justification for No Further Action
Former Chevron Perth Amboy Facility - Perth Amboy, New Jersey

		Location ID	S0840	S0840	S0840	S0858	S0858	S0858	S0858	S0858	S1380	S1380	S1381	S1381	S1382	S1382
		Field Sample ID	S0840A2	S0840B1	S0840D3	S0858	S0858	S0858A3	S0858C1	S0858I1	S1380E3	S1380H2	S1381D1	S1381D4	S1382E4	S1382H3
		Sample Date	08/19/2002	08/19/2002	08/19/2002	09/10/2002	09/10/2002	09/10/2002	09/10/2002	09/10/2002	01/06/2003	01/06/2003	01/06/2003	01/06/2003	01/06/2003	01/06/2003
		Start Depth - End Depth	0.5 - 1	2 - 2.5	7 - 7.5	3 - 5	3 - 5	1 - 1.5	4 - 4.5	16 - 16.5	9 - 9.5	14.5 - 15	6 - 6.5	7.5 - 8	9.5 - 10	15 - 15.5
		Report Units	mg/kg	mg/kg	mg/kg	mg/kg	mg/L	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
		Sample Purpose	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG
Parameter Name	**Leached**	**Soil Action Levels**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**
Sodium	N	NS	651	412	8710	-	-	180	339	6340	1150	1480	727	1850	2270	5540
Sodium	Y	NS	-	-	-	-	18.6	-	-	-	-	-	-	-	-	-
Thallium	N	200.0 mg/kg	2.2 J	1.1 U	3.2 J	-	-	1.0 U	1.1 U	1.6 U	1.2 U	1.2 U	1.1 U	1.2 U	1.4 U	1.8 U
Thallium	Y	200.0 mg/kg	-	-	-	-	0.0095 U	-	-	-	-	-	-	-	-	-
Vanadium	N	7100.0 mg/kg	59.4	31.2	51.0	-	-	29.1	40.9	58.6	44.3	34.0	52.5	83.0	79.9	65.0
Vanadium	Y	7100.0 mg/kg	-	-	-	-	0.0036 J	-	-	-	-	-	-	-	-	-
Zinc	N	1500.0 mg/kg	337	68.7	85.7	-	-	23.9	80.5	88.7	130	73.7	**2060**	186	165	408
Zinc	Y	1500.0 mg/kg	-	-	-	0.0285	-	-	-	-	-	-	-	-	-	-

Notes:
J = Estimated value
mg/kg = Milligrams per kilogram
NA = No criterion available for the analyte
U = Compound not detected at the reporting level shown
UJ = Compound not detected and value shown is estimated
ug/l = Micrograms per liter
Levels highlighted in yellow are above the soil action level

Attachment 2 - Soil Results
Summary of Target Analyte List Metals Results - SWMU 31 41
Justification for No Further Action
Former Chevron Perth Amboy Facility - Perth Amboy, New Jersey

		Location ID	S2090	S2090	S2091	S2091	S2091	S2192	S2192	S4672	S4672	S4672	S4673	S4673	S4673	S4674
		Field Sample ID	S2090I4	S2090M2	S2091E3	S2091G2	S2091J4	S2192E2	S2192E2	S4672B4	S4672D3	S4672E2	S4673B3	S4673F3	S4673H2	S4674B4
		Sample Date	10/17/2006	10/17/2006	10/17/2006	10/17/2006	10/17/2006	11/01/2006	11/01/2006	05/07/2015	05/07/2015	05/07/2015	05/01/2015	05/01/2015	05/01/2015	05/01/2015
		Start Depth - End Depth	17.5 - 18.0	24.5 - 25	9 - 9.5	12.5 - 13	19.5 - 20	8.5 - 9	8.5 - 9	3.5 - 4	7 - 7.5	8.5 - 9	3 - 3.5	11 - 11.5	14.5 - 15	3.5 - 4
		Report Units	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	ug/L	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
		Sample Purpose	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG
Parameter Name	**Leached**	**Soil Action Levels**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**
Aluminum	N	NS	22400 J	12500 J	-	-	-	-	-	17500	23400 J	23100	3050	20400	19700 J	13800
Aluminum	Y	NS	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Antimony	N	340.0 mg/kg	1.56 U	1.02 U	-	-	-	-	-	1.91 UJ	38.2 J	4.16 J	0.380 U	4.40	0.695 UJ	0.347 U
Antimony	Y	340.0 mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Arsenic	N	20.0 mg/kg	14.2 J	7.43 J	9.33 J	12.6 J	11.7 J	-	-	5.62	**134 J**	**23.8**	4.54	**26.8**	5.94 J	4.28
Arsenic	Y	20.0 mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Barium	N	47000.0 mg/kg	45.4 J	74.0 J	-	-	-	-	-	57.9	396 J	52.9	17.4	142	35.8 J	34.7
Barium	Y	47000.0 mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Beryllium	N	200.0 mg/kg	1.22 J	0.831 J	-	-	-	-	-	1.09	2.08 J	1.24	0.118 J	1.51	0.851 J	1.27
Beryllium	Y	200.0 mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cadmium	N	100.0 mg/kg	0.112 U	0.0731 U	-	-	-	-	-	0.0336 U	3.25 J	0.0576 U	0.0380 U	0.246 J	0.0695 UJ	0.0347 U
Cadmium	Y	100.0 mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Calcium	N	NS	2080 J	1370 J	-	-	-	-	-	403	2770 J	2000	283	6500	2570 J	531
Calcium	Y	NS	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chromium	N	NS	41.4 J	25.3 J	-	-	-	-	-	11.7	72.2 J	41.7	10.3	55.7	37.5 J	10.8
Chromium	Y	NS	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cobalt	N	NS	11.5 J	8.86 J	-	-	-	-	-	3.86	16.0 J	17.6	0.416 UJ	19.5	6.31 J	2.40
Cobalt	Y	NS	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Copper	N	600.0 mg/kg	13.5 J	12.1 J	-	-	-	-	-	3.06	441 J	17.0	4.90	438	10.0 J	2.11
Copper	Y	600.0 mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Iron	N	NS	48200 J	29400 J	-	-	-	-	-	21900	37700 J	40500	15000	63900	22200 J	18600
Iron	Y	NS	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Lead	N	800.0 mg/kg	13.8 J	9.12 J	19.1 J	12.9 J	12.6 J	361 J	-	4.06	544 J	27.3	7.27	**828**	10.2 J	4.09
Lead	Y	5000.0 ug/l	-	-	-	-	-	-	34.3 J	-	-	-	-	-	-	-
Magnesium	N	NS	8360 J	5550 J	-	-	-	-	-	533	7570 J	8350	174	9300	5620 J	432
Magnesium	Y	NS	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Manganese	N	NS	447 J	203 J	-	-	-	-	-	54.2	290 J	295	16.4	437	83.4 J	51.0
Manganese	Y	NS	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Mercury	N	270.0 mg/kg	0.0175 U	0.0117 U	-	-	-	-	-	0.0103 U	1.12	0.0175 U	0.0242 J	0.126 J	0.0219 U	0.0099 U
Nickel	N	2400.0 mg/kg	28.6 J	19.5 J	-	-	-	-	-	11.4	52.3 J	35.2	0.649 J	125	20.9 J	8.95
Nickel	Y	2400.0 mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Potassium	N	NS	5340 J	3450 J	-	-	-	-	-	262	4220 J	5140	472	4440	4400 J	289
Potassium	Y	NS	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Selenium	N	3100.0 mg/kg	1.69 U	1.1 U	-	-	-	-	-	3.20 J	12.2 J	5.36 J	1.57 J	11.4	2.71 J	1.46 J
Selenium	Y	3100.0 mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Silver	N	4100.0 mg/kg	0.353 J	0.204 J	-	-	-	-	-	0.533 J	2.01 J	0.901 J	0.219 U	0.333 J	0.400 UJ	0.200 U
Silver	Y	4100.0 mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Attachment 2 - Soil Results
Summary of Target Analyte List Metals Results - SWMU 31 41
Justification for No Further Action
Former Chevron Perth Amboy Facility - Perth Amboy, New Jersey

		Location ID	S2090	S2090	S2091	S2091	S2091	S2192	S2192	S4672	S4672	S4672	S4673	S4673	S4673	S4674
		Field Sample ID	S2090I4	S2090M2	S2091E3	S2091G2	S2091J4	S2192E2	S2192E2	S4672B4	S4672D3	S4672E2	S4673B3	S4673F3	S4673H2	S4674B4
		Sample Date	10/17/2006	10/17/2006	10/17/2006	10/17/2006	10/17/2006	11/01/2006	11/01/2006	05/07/2015	05/07/2015	05/07/2015	05/01/2015	05/01/2015	05/01/2015	05/01/2015
		Start Depth - End Depth	17.5 - 18.0	24.5 - 25	9 - 9.5	12.5 - 13	19.5 - 20	8.5 - 9	8.5 - 9	3.5 - 4	7 - 7.5	8.5 - 9	3 - 3.5	11 - 11.5	14.5 - 15	3.5 - 4
		Report Units	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	ug/L	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
		Sample Purpose	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG
Parameter Name	**Leached**	**Soil Action Levels**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**
Sodium	N	NS	9200 J	4100 J	-	-	-	-	-	97.1 J	10100 J	9140	98.5 UJ	5560	14000 J	230
Sodium	Y	NS	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Thallium	N	200.0 mg/kg	2.30 U	1.50 U	-	-	-	-	-	1.27 UJ	1.66 UJ	2.00 UJ	0.922 U	3.19 J	1.69 UJ	0.842 U
Thallium	Y	200.0 mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Vanadium	N	7100.0 mg/kg	50.2 J	33.0 J	-	-	-	-	-	9.97	76.1 J	57.4	24.9	72.1	50.2 J	9.58
Vanadium	Y	7100.0 mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Zinc	N	1500.0 mg/kg	84.8 J	54.0 J	-	-	-	-	-	17.0	496 J	70.6	8.16	249	52.4 J	18.6
Zinc	Y	1500.0 mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Notes:
J = Estimated value
mg/kg = Milligrams per kilogram
NA = No criterion available for the analyte
U = Compound not detected at the reporting level shown
UJ = Compound not detected and value shown is estimated
ug/l = Micrograms per liter
Levels highlighted in yellow are above the soil action level

Attachment 2 - Soil Results
Summary of Target Analyte List Metals Results - SWMU 31 41
Justification for No Further Action
Former Chevron Perth Amboy Facility - Perth Amboy, New Jersey

		Location ID	S4674	S4674	S4675	S4675	S4675	S4676	S4676	S4676	S4677	S4677	S4677	S4677	S5093	S5093
		Field Sample ID	S4674D3	S4674E4	S4675B4	S4675C3	S4675E2	S4676B4	S4676D1	S4676E2	D04301513	S4677B2	S4677D4	S4677E2	S5093C3	S5093D1
		Sample Date	05/01/2015	05/01/2015	04/30/2015	04/30/2015	04/30/2015	05/01/2015	05/01/2015	05/01/2015	04/30/2015	04/30/2015	04/30/2015	04/30/2015	04/12/2016	04/12/2016
		Start Depth - End Depth	7 - 7.5	9.5 - 10	3.5 - 4	5 - 5.5	8.5 - 9	3.5 - 4	6 - 6.5	8.5 - 9		2.5 - 3	7.5 - 8	8.5 - 9	5 - 5.5	6 - 6.5
		Report Units	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
		Sample Purpose	REG	REG	REG	REG	REG	REG	REG	REG	FD	REG	REG	REG	REG	REG
Parameter Name	**Leached**	**Soil Action Levels**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**
Aluminum	N	NS	15500	25500 J	17300	15900	23600	23400	15000	21500	31300	20800	21100	31300	-	-
Aluminum	Y	NS	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Antimony	N	340.0 mg/kg	12.1	0.973 J	1.81 J	2.54	4.67	0.353 U	5.21	0.600 U	6.43 J	1.77 J	13.2	3.02 J	-	-
Antimony	Y	340.0 mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Arsenic	N	20.0 mg/kg	**114**	19.2 J	1.61 J	5.66	18.2 J	5.02	**50.5**	14.5	14.1	5.33	**87.7**	13.1	-	-
Arsenic	Y	20.0 mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Barium	N	47000.0 mg/kg	133	51.3 J	38.9	23.5	57.1	20.3	51.7	51.0	69.2	24.4	182	67.2	-	-
Barium	Y	47000.0 mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Beryllium	N	200.0 mg/kg	0.972	1.34 J	0.687	1.39	1.46	1.64	0.769 J	1.02	1.49	1.57	1.62	1.59	-	-
Beryllium	Y	200.0 mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cadmium	N	100.0 mg/kg	0.820	0.0653 UJ	1.33	0.306 J	0.856 J	0.0353 U	0.172 J	0.0600 U	3.36 J	0.434 J	2.21	0.882 J	-	-
Cadmium	Y	100.0 mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Calcium	N	NS	2200	2430 J	10400	660	2250 J	341	1690	2470	2070	360	2290	2100	-	-
Calcium	Y	NS	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chromium	N	NS	55.4	45.3 J	31.2	15.7	41.1 J	13.2	34.2	42.6	49.1	13.3	57.1	46.4	-	-
Chromium	Y	NS	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cobalt	N	NS	9.48	15.3 J	17.3	3.22	10.5	3.43	7.64	9.91	13.2 J	2.09	20.8	14.2 J	-	-
Cobalt	Y	NS	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Copper	N	600.0 mg/kg	525	13.6 J	142	5.00	13.0 J	3.42	201	21.8	14.8	2.17	**606**	11.1	-	-
Copper	Y	600.0 mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Iron	N	NS	29400	52800 J	39000 J	20400 J	40800 J	26300	20200	38500	35400 J	21800 J	29200 J	38100 J	-	-
Iron	Y	NS	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Lead	N	800.0 mg/kg	480	20.2 J	62.5	5.81	17.3	6.04	245	21.9	16.2 J	4.37	308	27.1 J	4.93	104
Lead	Y	5000.0 ug/l	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Magnesium	N	NS	5240	9200 J	10000	833	8700	532	4910	8100	8980	511	5410	8680	-	-
Magnesium	Y	NS	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Manganese	N	NS	252	315 J	440	51.8	376	35.7	176	305	284	31.9	263	274	-	-
Manganese	Y	NS	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Mercury	N	270.0 mg/kg	2.04	0.0205 U	0.0817 J	0.0151 J	0.0362 J	0.0106 U	1.03	0.0186 U	0.0724 J	0.0101 U	3.14	0.0178 U	-	-
Nickel	N	2400.0 mg/kg	49.0	37.1 J	47.7	10.5	27.7	12.8	30.1	26.1	52.8	11.9	60.0	47.0	-	-
Nickel	Y	2400.0 mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Potassium	N	NS	2900	5970 J	895	377	5860 J	328	2640	5030	6910	334	4500	6720	-	-
Potassium	Y	NS	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Selenium	N	3100.0 mg/kg	16.3	6.57 J	7.28	1.20 J	1.19 J	2.29	9.37	4.50	2.60 J	1.06 J	7.12	1.24 J	-	-
Selenium	Y	3100.0 mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Silver	N	4100.0 mg/kg	1.50	0.376 UJ	0.198 U	0.215 U	1.73 U	0.203 U	0.835 J	0.345 U	1.75 U	0.998 U	1.65	1.72 U	-	-
Silver	Y	4100.0 mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Attachment 2 - Soil Results
Summary of Target Analyte List Metals Results - SWMU 31 41
Justification for No Further Action
Former Chevron Perth Amboy Facility - Perth Amboy, New Jersey

		Location ID	S4674	S4674	S4675	S4675	S4675	S4676	S4676	S4676	S4677	S4677	S4677	S4677	S5093	S5093
		Field Sample ID	S4674D3	S4674E4	S4675B4	S4675C3	S4675E2	S4676B4	S4676D1	S4676E2	D04301513	S4677B2	S4677D4	S4677E2	S5093C3	S5093D1
		Sample Date	05/01/2015	05/01/2015	04/30/2015	04/30/2015	04/30/2015	05/01/2015	05/01/2015	05/01/2015	04/30/2015	04/30/2015	04/30/2015	04/30/2015	04/12/2016	04/12/2016
		Start Depth - End Depth	7 - 7.5	9.5 - 10	3.5 - 4	5 - 5.5	8.5 - 9	3.5 - 4	6 - 6.5	8.5 - 9		2.5 - 3	7.5 - 8	8.5 - 9	5 - 5.5	6 - 6.5
		Report Units	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
		Sample Purpose	REG	REG	REG	REG	REG	REG	REG	REG	FD	REG	REG	REG	REG	REG
Parameter Name	**Leached**	**Soil Action Levels**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**
Sodium	N	NS	7980	11200 J	2290	238	9270	203	8560	9460	8660	319	3820	9050	-	-
Sodium	Y	NS	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Thallium	N	200.0 mg/kg	1.34 J	1.80 J	3.61	0.903 U	1.54 J	0.990 J	1.36 U	1.56 J	1.61 J	0.904 J	1.20 U	1.90 J	-	-
Thallium	Y	200.0 mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Vanadium	N	7100.0 mg/kg	56.4	64.6 J	69.3	14.1	56.0	13.5	42.9	59.0	67.6	13.1	81.9	64.6	-	-
Vanadium	Y	7100.0 mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Zinc	N	1500.0 mg/kg	210	111 J	155	22.1	79.6	28.5	88.3	90.6	190	24.0	258	220	-	-
Zinc	Y	1500.0 mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Notes:
J = Estimated value
mg/kg = Milligrams per kilogram
NA = No criterion available for the analyte
U = Compound not detected at the reporting level shown
UJ = Compound not detected and value shown is estimated
ug/l = Micrograms per liter
Levels highlighted in yellow are above the soil action level

Attachment 2 - Soil Results
Summary of Target Analyte List Metals Results - SWMU 31 41
Justification for No Further Action
Former Chevron Perth Amboy Facility - Perth Amboy, New Jersey

		Location ID	S5093	S5093	S5094	S5095	S5096	S5096	S5097	S5097	S5098	S5099	S5099	S5099	S5100	S5100
		Field Sample ID	S5093D1	S5093D3	S5094D1	S5095C4	S5096C4	S5096D3	D0413169	S5097D3	S5098G1	S5099D4	S5099F1	S5099F3	D0415169	S5100F3
		Sample Date	04/12/2016	04/12/2016	04/12/2016	04/12/2016	04/13/2016	04/13/2016	04/13/2016	04/13/2016	04/13/2016	04/15/2016	04/15/2016	04/15/2016	04/15/2016	04/15/2016
		Start Depth - End Depth	6 - 6.5	7 - 7.5	6 - 6.5	5.5 - 6	5.5 - 6	7 - 7.5	7 - 7.5	7 - 7.5	12 - 12.5	7.5 - 8	10 - 10.5	11 - 11.5	11 - 11.5	11 - 11.5
		Report Units	ug/L	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
		Sample Purpose	REG	REG	REG	REG	REG	REG	FD	REG	REG	REG	REG	REG	FD	REG
Parameter Name	**Leached**	**Soil Action Levels**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**
Aluminum	N	NS	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aluminum	Y	NS	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Antimony	N	340.0 mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Antimony	Y	340.0 mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Arsenic	N	20.0 mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Arsenic	Y	20.0 mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Barium	N	47000.0 mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Barium	Y	47000.0 mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Beryllium	N	200.0 mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Beryllium	Y	200.0 mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cadmium	N	100.0 mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cadmium	Y	100.0 mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Calcium	N	NS	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Calcium	Y	NS	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chromium	N	NS	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chromium	Y	NS	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cobalt	N	NS	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cobalt	Y	NS	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Copper	N	600.0 mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Copper	Y	600.0 mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Iron	N	NS	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Iron	Y	NS	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Lead	N	800.0 mg/kg	-	15.4	54.2	8.32	245	40.7 J	251 J	409	227	192	53.2	16.3 J	**5850 J**	712 J
Lead	Y	5000.0 ug/l	92.8	-	-	-	-	-	-	-	-	-	-	-	-	-
Magnesium	N	NS	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Magnesium	Y	NS	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Manganese	N	NS	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Manganese	Y	NS	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Mercury	N	270.0 mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Nickel	N	2400.0 mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Nickel	Y	2400.0 mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Potassium	N	NS	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Potassium	Y	NS	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Selenium	N	3100.0 mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Selenium	Y	3100.0 mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Silver	N	4100.0 mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Silver	Y	4100.0 mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Attachment 2 - Soil Results
Summary of Target Analyte List Metals Results - SWMU 31 41
Justification for No Further Action
Former Chevron Perth Amboy Facility - Perth Amboy, New Jersey

		Location ID	S5093	S5093	S5094	S5095	S5096	S5096	S5097	S5097	S5098	S5099	S5099	S5099	S5100	S5100
		Field Sample ID	S5093D1	S5093D3	S5094D1	S5095C4	S5096C4	S5096D3	D0413169	S5097D3	S5098G1	S5099D4	S5099F1	S5099F3	D0415169	S5100F3
		Sample Date	04/12/2016	04/12/2016	04/12/2016	04/12/2016	04/13/2016	04/13/2016	04/13/2016	04/13/2016	04/13/2016	04/15/2016	04/15/2016	04/15/2016	04/15/2016	04/15/2016
		Start Depth - End Depth	6 - 6.5	7 - 7.5	6 - 6.5	5.5 - 6	5.5 - 6	7 - 7.5	7 - 7.5	7 - 7.5	12 - 12.5	7.5 - 8	10 - 10.5	11 - 11.5	11 - 11.5	11 - 11.5
		Report Units	ug/L	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
		Sample Purpose	REG	REG	REG	REG	REG	REG	FD	REG	REG	REG	REG	REG	FD	REG
Parameter Name	**Leached**	**Soil Action Levels**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**
Sodium	N	NS	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sodium	Y	NS	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Thallium	N	200.0 mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Thallium	Y	200.0 mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Vanadium	N	7100.0 mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Vanadium	Y	7100.0 mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Zinc	N	1500.0 mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Zinc	Y	1500.0 mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Notes:
J = Estimated value
mg/kg = Milligrams per kilogram
NA = No criterion available for the analyte
U = Compound not detected at the reporting level shown
UJ = Compound not detected and value shown is estimated
ug/l = Micrograms per liter
Levels highlighted in yellow are above the soil action level

Attachment 2 - Soil Results
Summary of Target Analyte List Metals Results - SWMU 31 41
Justification for No Further Action
Former Chevron Perth Amboy Facility - Perth Amboy, New Jersey

		Location ID	S5101	S5101	S5102	S5102
		Field Sample ID	S5101E1	S5101F3	S5102E2	S5102F3
		Sample Date	04/20/2016	04/20/2016	04/21/2016	04/21/2016
		Start Depth - End Depth	8 - 8.5	11 - 11.5	8.5 - 9	11 - 11.5
		Report Units	mg/kg	mg/kg	mg/kg	mg/kg
		Sample Purpose	REG	REG	REG	REG
Parameter Name	**Leached**	**Soil Action Levels**	**Report Result**	**Report Result**	**Report Result**	**Report Result**
Aluminum	N	NS	-	-	-	-
Aluminum	Y	NS	-	-	-	-
Antimony	N	340.0 mg/kg	-	-	-	-
Antimony	Y	340.0 mg/kg	-	-	-	-
Arsenic	N	20.0 mg/kg	-	-	-	-
Arsenic	Y	20.0 mg/kg	-	-	-	-
Barium	N	47000.0 mg/kg	-	-	-	-
Barium	Y	47000.0 mg/kg	-	-	-	-
Beryllium	N	200.0 mg/kg	-	-	-	-
Beryllium	Y	200.0 mg/kg	-	-	-	-
Cadmium	N	100.0 mg/kg	-	-	-	-
Cadmium	Y	100.0 mg/kg	-	-	-	-
Calcium	N	NS	-	-	-	-
Calcium	Y	NS	-	-	-	-
Chromium	N	NS	-	-	-	-
Chromium	Y	NS	-	-	-	-
Cobalt	N	NS	-	-	-	-
Cobalt	Y	NS	-	-	-	-
Copper	N	600.0 mg/kg	-	-	-	-
Copper	Y	600.0 mg/kg	-	-	-	-
Iron	N	NS	-	-	-	-
Iron	Y	NS	-	-	-	-
Lead	N	800.0 mg/kg	66.7	16.5	590 J	12.7 J
Lead	Y	5000.0 ug/l	-	-	-	-
Magnesium	N	NS	-	-	-	-
Magnesium	Y	NS	-	-	-	-
Manganese	N	NS	-	-	-	-
Manganese	Y	NS	-	-	-	-
Mercury	N	270.0 mg/kg	-	-	-	-
Nickel	N	2400.0 mg/kg	-	-	-	-
Nickel	Y	2400.0 mg/kg	-	-	-	-
Potassium	N	NS	-	-	-	-
Potassium	Y	NS	-	-	-	-
Selenium	N	3100.0 mg/kg	-	-	-	-
Selenium	Y	3100.0 mg/kg	-	-	-	-
Silver	N	4100.0 mg/kg	-	-	-	-
Silver	Y	4100.0 mg/kg	-	-	-	-

Attachment 2 - Soil Results
Summary of Target Analyte List Metals Results - SWMU 31 41
Justification for No Further Action
Former Chevron Perth Amboy Facility - Perth Amboy, New Jersey

		Location ID	S5101	S5101	S5102	S5102
		Field Sample ID	S5101E1	S5101F3	S5102E2	S5102F3
		Sample Date	04/20/2016	04/20/2016	04/21/2016	04/21/2016
		Start Depth - End Depth	8 - 8.5	11 - 11.5	8.5 - 9	11 - 11.5
		Report Units	mg/kg	mg/kg	mg/kg	mg/kg
		Sample Purpose	REG	REG	REG	REG
Parameter Name	**Leached**	**Soil Action Levels**	**Report Result**	**Report Result**	**Report Result**	**Report Result**
Sodium	N	NS	-	-	-	-
Sodium	Y	NS	-	-	-	-
Thallium	N	200.0 mg/kg	-	-	-	-
Thallium	Y	200.0 mg/kg	-	-	-	-
Vanadium	N	7100.0 mg/kg	-	-	-	-
Vanadium	Y	7100.0 mg/kg	-	-	-	-
Zinc	N	1500.0 mg/kg	-	-	-	-
Zinc	Y	1500.0 mg/kg	-	-	-	-

Notes:
J = Estimated value
mg/kg = Milligrams per kilogram
NA = No criterion available for the analyte
U = Compound not detected at the reporting level shown
UJ = Compound not detected and value shown is estimated
ug/l = Micrograms per liter
Levels highlighted in yellow are above the soil action level

		Location ID	SB-0184	S0840	S0840	S0840	S0858	S0858	S0858	S1380	S1380	S1381	S1381	S1382	S1382
		Field Sample ID	SB-0184S-D	S0840A2	S0840B1	S0840D3	S0858A3	S0858C1	S0858I1	S1380E3	S1380H2	S1381D1	S1381D4	S1382E4	S1382H3
		Sample Date	02/14/1996	08/19/2002	08/19/2002	08/19/2002	09/10/2002	09/10/2002	09/10/2002	01/06/2003	01/06/2003	01/06/2003	01/06/2003	01/06/2003	01/06/2003
		Start Depth - End Depth	6 - 8	0.5 - 1	2 - 2.5	7 - 7.5	1 - 1.5	4 - 4.5	16 - 16.5	9 - 9.5	14.5 - 15	6 - 6.5	7.5 - 8	9.5 - 10	15 - 15.5
		Report Units	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
		Sample Purpose	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG
Parameter Name	**Leached**	**Soil Action Levels**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**
1,1 Dichloroethene	N	150.0 mg/kg	0.74 U	0.13 U	0.13 U	0.23 U	0.13 U	0.13 U	0.19 U	0.15 U	0.14 U	0.14 U	0.16 U	0.18 U	0.21 U
1,1,1-Trichloroethane	N	1000.0 mg/kg	-	0.13 U	0.13 U	0.23 U	0.13 U	0.13 U	0.19 U	0.15 U	0.14 U	0.14 U	0.16 U	0.18 U	0.21 U
1,1,2,2-Tetrachloroethane	N	70.0 mg/kg	-	0.13 U	0.13 U	0.23 U	0.13 U	0.13 U	0.19 U	0.15 U	0.14 U	0.14 U	0.16 U	0.18 U	0.21 U
1,1,2-Trichloroethane	N	420.0 mg/kg	-	0.13 U	0.13 U	0.23 U	0.13 U	0.13 U	0.19 U	0.15 U	0.14 U	0.14 U	0.16 U	0.18 U	0.21 U
1,1,2-Trichlorotrifluoroethane (Freon 113)	N	NS	-	0.26 U	0.25 U	0.46 U	0.25 U	0.27 U	0.37 U	0.29 U	0.27 U	0.28 U	0.32 U	0.35 U	0.43 U
1,1-Dichloroethane	N	1000.0 mg/kg	-	0.13 U	0.13 U	0.23 U	0.13 U	0.13 U	0.19 U	0.15 U	0.14 U	0.14 U	0.16 U	0.18 U	0.21 U
1,2,4-Trichlorobenzene	N	1200.0 mg/kg	-	0.13 U	0.13 U	0.23 U	0.13 U	0.13 U	0.19 U	0.15 U	0.14 U	0.14 U	0.16 U	0.18 U	0.21 U
1,2-Dibromo-3-chloropropane (DBCP)	N	NS	-	0.26 U	0.25 U	0.46 U	0.25 U	0.27 U	0.37 U	0.29 U	0.27 U	0.28 U	0.32 U	0.35 U	0.43 U
1,2-Dibromoethane	N	NS	-	0.13 U	0.13 U	0.23 U	0.13 U	0.13 U	0.19 U	0.15 U	0.14 U	0.14 U	0.16 U	0.18 U	0.21 U
1,2-Dichlorobenzene (o-Dichlorobenzene)	N	10000.0 mg/kg	12 U	0.13 U	0.13 U	0.23 U	0.13 U	0.13 U	0.19 U	0.15 U	0.14 U	0.14 U	0.16 U	0.18 U	0.21 U
1,2-Dichloroethane	N	24.0 mg/kg	0.74 U	0.13 U	0.13 U	0.23 U	0.13 U	0.13 U	0.19 U	0.15 U	0.14 U	0.14 U	0.16 U	0.18 U	0.21 U
1,2-Dichloropropane	N	43.0 mg/kg	-	0.13 U	0.13 U	0.23 U	0.13 U	0.13 U	0.19 U	0.15 U	0.14 U	0.14 U	0.16 U	0.18 U	0.21 U
1,3-Dichlorobenzene	N	10000.0 mg/kg	12 U	0.13 U	0.13 U	0.23 U	0.13 U	0.13 U	0.19 U	0.15 U	0.14 U	0.14 U	0.16 U	0.18 U	0.21 U
1,4-Dichlorobenzene	N	10000.0 mg/kg	12 U	0.13 U	0.13 U	0.23 U	0.13 U	0.13 U	0.19 U	0.15 U	0.14 U	0.14 U	0.16 U	0.18 U	0.21 U
2-Butanone (Methyl ethyl ketone)	N	1000.0 mg/kg	1.4 U	0.51 U	0.51 U	0.92 U	0.51 U	0.53 U	0.74 U	0.59 U	0.55 U	0.55 U	1.2 J	0.71 U	0.85 U
2-Hexanone	N	NS	-	0.38 U	0.38 U	0.69 U	0.38 U	0.40 U	0.56 U	0.44 U	0.41 U	0.42 U	0.47 U	0.53 U	0.64 U
4-Methyl-2-pentanone	N	1000.0 mg/kg	-	0.38 U	0.38 U	0.69 U	0.38 U	0.40 U	0.56 U	0.44 U	0.41 U	0.42 U	0.47 U	0.53 U	0.64 U
Acetone	N	1000.0 mg/kg	-	0.89 U	0.89 U	1.6 U	0.89 U	0.93 U	1.3 U	1.0 U	1.0 U	1.0 U	1.1 U	5.2	1.5 U
Benzene	N	13.0 mg/kg	0.74 U	0.13 U	0.13 U	0.23 U	0.13 U	0.13 U	0.19 U	0.30 J	0.14 U	0.14 U	0.16 U	**27**	2.8
Benzene	Y	500.0 ug/l	-	-	-	-	-	-	-	-	-	-	-	-	-
Bromodichloromethane	N	46.0 mg/kg	-	0.13 U	0.13 U	0.23 U	0.13 U	0.13 U	0.19 U	0.15 U	0.14 U	0.14 U	0.16 U	0.18 U	0.21 U
Bromoform	N	370.0 mg/kg	-	0.13 U	0.13 U	0.23 U	0.13 U	0.13 U	0.19 U	0.15 U	0.14 U	0.14 U	0.16 U	0.18 U	0.21 U
Bromomethane (Methyl bromide)	N	1000.0 mg/kg	-	0.26 U	0.25 U	0.46 U	0.25 U	0.27 U	0.37 U	0.29 U	0.27 U	0.28 U	0.32 U	0.35 U	0.43 U
Carbon disulfide	N	NS	0.74 U	0.13 U	0.13 U	0.23 U	0.13 U	0.13 U	0.19 U	0.15 U	0.14 U	0.14 U	0.16 U	0.18 U	2.5
Carbon Tetrachloride	N	4.0 mg/kg	-	0.13 U	0.13 U	0.23 U	0.13 U	0.13 U	0.19 U	0.15 U	0.14 U	0.14 U	0.16 U	0.18 U	0.21 U
Chlorobenzene	N	680.0 mg/kg	0.74 U	0.13 U	0.13 U	0.23 U	0.13 U	0.13 U	0.19 U	0.15 U	0.14 U	0.14 U	0.16 U	0.18 U	0.21 U
Chloroethane	N	NS	-	0.26 U	0.25 U	0.46 U	0.25 U	0.27 U	0.37 U	0.29 U	0.27 U	0.28 U	0.32 U	0.35 U	0.43 U
Chloroform	N	28.0 mg/kg	0.74 U	0.13 U	0.13 U	0.23 U	0.13 U	0.13 U	0.19 U	0.15 U	0.14 U	0.14 U	0.16 U	0.18 U	0.21 U
Chloromethane (Methyl chloride)	N	1000.0 mg/kg	-	0.26 U	0.25 U	0.46 U	0.25 U	0.27 U	0.37 U	0.29 U	0.27 U	0.28 U	0.32 U	0.35 U	0.43 U
cis-1,2-Dichloroethene	N	1000.0 mg/kg	-	0.13 U	0.13 U	0.23 U	0.13 U	0.13 U	0.19 U	0.15 U	0.14 U	0.14 U	0.16 U	0.18 U	0.21 U
cis-1,3-Dichloropropene	N	NS	-	0.13 U	0.13 U	0.23 U	0.13 U	0.13 U	0.19 U	0.15 U	0.14 U	0.14 U	0.16 U	0.18 U	0.21 U
Cyclohexane	N	NS	-	0.13 U	0.13 U	0.23 U	0.13 U	0.13 U	0.19 U	23	2.4	0.14 U	0.61 J	170	7.5
Dibromochloromethane	N	1000.0 mg/kg	-	0.13 U	0.13 U	0.23 U	0.13 U	0.13 U	0.19 U	0.15 U	0.14 U	0.14 U	0.16 U	0.18 U	0.21 U
Dichlorodifluoromethane (Freon 12)	N	NS	-	0.26 U	0.25 U	0.46 U	0.25 U	0.27 U	0.37 U	0.29 U	0.27 U	0.28 U	0.32 U	0.35 U	0.43 U
Ethylbenzene	N	1000.0 mg/kg	0.74 U	0.13 U	0.13 U	0.23 U	0.13 U	0.13 U	0.19 U	4.0	0.64 J	0.14 U	2.0	130	4.5
Ethylbenzene	Y	1000.0 mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-
Isopropylbenzene	N	NS	-	0.13 U	0.13 U	0.23 U	0.13 U	0.13 U	0.19 U	1.1	0.53 J	0.14 U	0.30 J	16	0.94 J

		Location ID	SB-0184	S0840	S0840	S0840	S0858	S0858	S0858	S1380	S1380	S1381	S1381	S1382	S1382
		Field Sample ID	SB-0184S-D	S0840A2	S0840B1	S0840D3	S0858A3	S0858C1	S0858I1	S1380E3	S1380H2	S1381D1	S1381D4	S1382E4	S1382H3
		Sample Date	02/14/1996	08/19/2002	08/19/2002	08/19/2002	09/10/2002	09/10/2002	09/10/2002	01/06/2003	01/06/2003	01/06/2003	01/06/2003	01/06/2003	01/06/2003
		Start Depth - End Depth	6 - 8	0.5 - 1	2 - 2.5	7 - 7.5	1 - 1.5	4 - 4.5	16 - 16.5	9 - 9.5	14.5 - 15	6 - 6.5	7.5 - 8	9.5 - 10	15 - 15.5
		Report Units	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
		Sample Purpose	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG
Parameter Name	**Leached**	**Soil Action Levels**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**
Methyl acetate	N	NS	-	0.26 U	0.25 U	0.46 U	0.25 U	0.27 U	0.37 U	0.54 J	0.27 U	0.28 U	0.32 U	1	0.43 U
Methyl-t-butyl ether	N	NS	-	0.13 U	0.13 U	0.23 U	0.13 U	0.13 U	0.19 U	0.15 U	0.14 U	0.14 U	0.16 U	0.18 U	0.21 U
Methylcyclohexane	N	NS	-	0.13 U	0.13 U	0.23 U	0.13 U	0.13 U	0.19 U	40	9.3	0.14 U	1.9	290	16
Methylene chloride (Dichloromethane)	N	210.0 mg/kg	-	0.26 U	0.25 U	0.46 U	0.25 U	0.27 U	0.37 U	0.29 U	0.27 U	0.28 U	0.32 U	0.35 U	0.43 U
Styrene	N	97.0 mg/kg	0.74 U	0.13 U	0.13 U	0.23 U	0.13 U	0.13 U	0.19 U	0.15 U	0.14 U	0.14 U	0.16 U	0.18 U	0.21 U
Tetrachloroethene	N	6.0 mg/kg	-	0.13 U	0.13 U	0.23 U	0.13 U	0.13 U	0.19 U	0.15 U	0.14 U	0.14 U	0.16 U	0.18 U	0.21 U
Toluene	N	1000.0 mg/kg	0.74 U	0.13 U	0.13 U	0.23 U	0.13 U	0.13 U	0.19 U	0.96	0.14 U	0.14 U	2.5	40	2.5
Toluene	Y	1000.0 mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-
trans-1,2-Dichloroethene	N	1000.0 mg/kg	-	0.13 U	0.13 U	0.23 U	0.13 U	0.13 U	0.19 U	0.15 U	0.14 U	0.14 U	0.16 U	0.18 U	0.21 U
trans-1,3-Dichloropropene	N	NS	-	0.13 U	0.13 U	0.23 U	0.13 U	0.13 U	0.19 U	0.15 U	0.14 U	0.14 U	0.16 U	0.18 U	0.21 U
Trichloroethene (Trichloroethylene)	N	54.0 mg/kg	-	0.13 U	0.13 U	0.23 U	0.13 U	0.13 U	0.19 U	0.15 U	0.14 U	0.14 U	0.16 U	0.18 U	0.21 U
Trichlorofluoromethane (Freon 11)	N	NS	-	0.26 U	0.25 U	0.46 U	0.25 U	0.27 U	0.37 U	0.29 U	0.27 U	0.28 U	0.32 U	0.35 U	0.43 U
Vinyl chloride (Chloroethene)	N	7.0 mg/kg	-	0.13 U	0.13 U	0.23 U	0.13 U	0.13 U	0.19 U	0.15 U	0.14 U	0.14 U	0.16 U	0.18 U	0.21 U
Xylene (total)	N	1000.0 mg/kg	0.6	0.13 U	0.13 U	0.23 U	0.13 U	0.13 U	0.19 U	15	1.2	0.14 U	14	460	15
Xylene (total)	Y	1000.0 mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-

Notes:
J = Estimated value
mg/kg = Milligrams per kilogram
NA = No criterion available for the analyte
U = Compound not detected at the reporting level shown
UJ = Compound not detected and value shown is estimated
ug/l = Micrograms per liter
Levels highlighted in yellow are above the soil action level

		Location ID	S1748	S2090	S2090	S2091	S2091	S2091	S4672	S4672	S4672	S4673	S4673	S4673	S4674
		Field Sample ID	S1748C4	S2090I4	S2090M2	S2091E3	S2091G2	S2091J4	S4672B4	S4672D3	S4672E2	S4673B3	S4673F3	S4673H2	S4674B4
		Sample Date	04/14/2004	10/17/2006	10/17/2006	10/17/2006	10/17/2006	10/17/2006	05/07/2015	05/07/2015	05/07/2015	05/01/2015	05/01/2015	05/01/2015	05/01/2015
		Start Depth - End Depth	5.5 - 6.0	17.5 - 18.0	24.5 - 25	9 - 9.5	12.5 - 13	19.5 - 20	3.5 - 4	7 - 7.5	8.5 - 9	3 - 3.5	11 - 11.5	14.5 - 15	3.5 - 4
		Report Units	ug/L	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
		Sample Purpose	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG
Parameter Name	**Leached**	**Soil Action Levels**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**
1,1 Dichloroethene	N	150.0 mg/kg	-	0.23 U	0.14 U	0.25 U	0.23 U	0.22 U	0.001 U	0.003 UJ	0.002 UJ	0.001 U	0.11 UJ	0.003 UJ	0.001 UJ
1,1,1-Trichloroethane	N	1000.0 mg/kg	-	0.23 U	0.14 U	0.25 U	0.23 U	0.22 U	0.001 U	0.003 UJ	0.002 UJ	0.001 U	0.11 UJ	0.003 UJ	0.001 UJ
1,1,2,2-Tetrachloroethane	N	70.0 mg/kg	-	0.23 U	0.14 U	0.25 U	0.23 U	0.22 U	0.001 U	-	0.002 UJ	0.001 U	0.11 UJ	0.003 UJ	0.001 UJ
1,1,2-Trichloroethane	N	420.0 mg/kg	-	0.23 U	0.14 U	0.25 U	0.23 U	0.22 U	0.001 U	0.003 UJ	0.002 UJ	0.001 U	0.11 UJ	0.003 UJ	0.001 UJ
1,1,2-Trichlorotrifluoroethane (Freon 113)	N	NS	-	0.46 U	0.28 U	0.49 U	0.47 U	0.44 U	0.002 U	0.005 UJ	0.004 UJ	0.002 U	0.21 UJ	0.006 UJ	0.002 UJ
1,1-Dichloroethane	N	1000.0 mg/kg	-	0.23 U	0.14 U	0.25 U	0.23 U	0.22 U	0.001 U	0.003 UJ	0.002 UJ	0.001 U	0.11 UJ	0.003 UJ	0.001 UJ
1,2,4-Trichlorobenzene	N	1200.0 mg/kg	-	0.23 U	0.14 U	0.25 U	0.23 U	0.22 U	0.001 U	-	0.002 UJ	0.001 U	0.11 UJ	0.003 UJ	0.001 UJ
1,2-Dibromo-3-chloropropane (DBCP)	N	NS	-	0.46 U	0.28 U	0.49 U	0.47 U	0.44 U	0.002 U	-	0.004 UJ	0.002 U	0.21 UJ	0.006 UJ	0.002 UJ
1,2-Dibromoethane	N	NS	-	0.23 U	0.14 U	0.25 U	0.23 U	0.22 U	0.001 U	0.003 UJ	0.002 UJ	0.001 U	0.11 UJ	0.003 UJ	0.001 UJ
1,2-Dichlorobenzene (o-Dichlorobenzene)	N	10000.0 mg/kg	-	0.23 U	0.14 U	0.25 U	0.23 U	0.22 U	0.001 U	-	0.002 UJ	0.001 U	0.11 UJ	0.003 UJ	0.001 UJ
1,2-Dichloroethane	N	24.0 mg/kg	-	0.23 U	0.14 U	0.25 U	0.23 U	0.22 U	0.001 U	0.003 UJ	0.002 UJ	0.001 U	0.11 UJ	0.003 UJ	0.001 UJ
1,2-Dichloropropane	N	43.0 mg/kg	-	0.23 U	0.14 U	0.25 U	0.23 U	0.22 U	0.001 U	0.003 UJ	0.002 UJ	0.001 U	0.11 UJ	0.003 UJ	0.001 UJ
1,3-Dichlorobenzene	N	10000.0 mg/kg	-	0.23 U	0.14 U	0.25 U	0.23 U	0.22 U	0.001 U	-	0.002 UJ	0.001 U	0.11 UJ	0.003 UJ	0.001 UJ
1,4-Dichlorobenzene	N	10000.0 mg/kg	-	0.23 U	0.14 U	0.25 U	0.23 U	0.22 U	0.001 U	-	0.002 UJ	0.001 U	0.11 UJ	0.003 UJ	0.001 UJ
2-Butanone (Methyl ethyl ketone)	N	1000.0 mg/kg	-	0.91 U	0.55 U	0.98 U	0.94 U	0.87 U	0.005 U	0.032 J	0.008 UJ	0.004 U	0.43 UJ	0.013 UJ	0.004 UJ
2-Hexanone	N	NS	-	0.69 U	0.42 U	0.74 U	0.70 U	0.65 U	0.004 J	0.008 UJ	0.006 UJ	0.003 U	0.32 UJ	0.009 UJ	0.003 UJ
4-Methyl-2-pentanone	N	1000.0 mg/kg	-	0.69 U	0.42 U	0.74 U	0.70 U	0.65 U	0.003 U	0.008 UJ	0.006 UJ	0.003 U	0.32 UJ	0.009 UJ	0.003 UJ
Acetone	N	1000.0 mg/kg	-	1.6 U	0.97 U	1.7 U	1.6 U	1.5 U	0.018 J	0.16 J	0.031 J	0.015 J	0.75 UJ	0.027 J	0.060 J
Benzene	N	13.0 mg/kg	-	0.11 U	0.069 U	0.12 U	0.12 U	0.11 U	0.0006 U	0.004 J	0.001 UJ	0.0006 U	1.1 J	0.002 J	0.0005 UJ
Benzene	Y	500.0 ug/l	0.5 U	-	-	-	-	-	-	-	-	-	-	-	-
Bromodichloromethane	N	46.0 mg/kg	-	0.23 U	0.14 U	0.25 U	0.23 U	0.22 U	0.001 U	0.003 UJ	0.002 UJ	0.001 U	0.11 UJ	0.003 UJ	0.001 UJ
Bromoform	N	370.0 mg/kg	-	0.23 U	0.14 U	0.25 U	0.23 U	0.22 U	0.001 U	0.003 UJ	0.002 UJ	0.001 U	0.11 UJ	0.003 UJ	0.001 UJ
Bromomethane (Methyl bromide)	N	1000.0 mg/kg	-	0.46 U	0.28 U	0.49 U	0.47 U	0.44 U	0.002 U	0.005 UJ	0.004 UJ	0.002 U	0.21 UJ	0.006 UJ	0.002 UJ
Carbon disulfide	N	NS	-	0.23 U	0.14 U	0.25 U	0.23 U	0.22 U	0.001 J	0.032 J	0.005 J	0.002 J	0.11 UJ	0.007 J	0.003 J
Carbon Tetrachloride	N	4.0 mg/kg	-	0.23 U	0.14 U	0.25 U	0.23 U	0.22 U	0.001 U	0.003 UJ	0.002 UJ	0.001 U	0.11 UJ	0.003 UJ	0.001 UJ
Chlorobenzene	N	680.0 mg/kg	-	0.23 U	0.14 U	0.25 U	0.23 U	0.22 U	0.001 U	0.003 UJ	0.002 UJ	0.001 U	0.11 UJ	0.003 UJ	0.001 UJ
Chloroethane	N	NS	-	0.46 U	0.28 U	0.49 U	0.47 U	0.44 U	0.002 U	0.005 UJ	0.004 UJ	0.002 U	0.21 UJ	0.006 UJ	0.002 UJ
Chloroform	N	28.0 mg/kg	-	0.23 U	0.14 U	0.25 U	0.23 U	0.22 U	0.001 U	0.003 UJ	0.002 UJ	0.001 U	0.11 UJ	0.003 UJ	0.001 UJ
Chloromethane (Methyl chloride)	N	1000.0 mg/kg	-	0.46 U	0.28 U	0.49 U	0.47 U	0.44 U	0.002 U	0.005 UJ	0.004 UJ	0.002 U	0.21 UJ	0.006 UJ	0.002 UJ
cis-1,2-Dichloroethene	N	1000.0 mg/kg	-	0.23 U	0.14 U	0.25 U	0.23 U	0.22 U	0.001 U	0.003 UJ	0.002 UJ	0.001 U	0.11 UJ	0.003 UJ	0.001 UJ
cis-1,3-Dichloropropene	N	NS	-	0.23 U	0.14 U	0.25 U	0.23 U	0.22 U	0.001 U	0.003 UJ	0.002 UJ	0.001 U	0.11 UJ	0.003 UJ	0.001 UJ
Cyclohexane	N	NS	-	0.23 U	0.14 U	0.25 U	0.23 U	0.22 U	0.001 U	0.003 J	0.002 UJ	0.001 U	18 J	0.030 J	0.001 UJ
Dibromochloromethane	N	1000.0 mg/kg	-	0.23 U	0.14 U	0.25 U	0.23 U	0.22 U	0.001 U	0.003 UJ	0.002 UJ	0.001 U	0.11 UJ	0.003 UJ	0.001 UJ
Dichlorodifluoromethane (Freon 12)	N	NS	-	0.46 U	0.28 U	0.49 U	0.47 U	0.44 U	0.002 U	0.005 UJ	0.004 UJ	0.002 U	0.21 UJ	0.006 UJ	0.002 UJ
Ethylbenzene	N	1000.0 mg/kg	-	0.23 U	0.14 U	0.25 U	0.23 U	0.22 U	0.001 U	0.006 J	0.002 UJ	0.001 U	6.9 J	0.003 UJ	0.001 UJ
Ethylbenzene	Y	1000.0 mg/kg	0.8 U	-	-	-	-	-	-	-	-	-	-	-	-
Isopropylbenzene	N	NS	-	0.23 U	0.14 U	0.25 U	0.23 U	0.22 U	0.001 U	0.003 UJ	0.002 UJ	0.001 U	1.5 J	0.003 UJ	0.001 UJ

Attachment 2 - Soil Results
Summary of Volatile Organic Compound Results - SWMU 31 41
Justification for No Further Action
Former Chevron Perth Amboy Facility - Perth Amboy, New Jersey

		Location ID	S1748	S2090	S2090	S2091	S2091	S2091	S4672	S4672	S4672	S4673	S4673	S4673	S4674
		Field Sample ID	S1748C4	S2090I4	S2090M2	S2091E3	S2091G2	S2091J4	S4672B4	S4672D3	S4672E2	S4673B3	S4673F3	S4673H2	S4674B4
		Sample Date	04/14/2004	10/17/2006	10/17/2006	10/17/2006	10/17/2006	10/17/2006	05/07/2015	05/07/2015	05/07/2015	05/01/2015	05/01/2015	05/01/2015	05/01/2015
		Start Depth - End Depth	5.5 - 6.0	17.5 - 18.0	24.5 - 25	9 - 9.5	12.5 - 13	19.5 - 20	3.5 - 4	7 - 7.5	8.5 - 9	3 - 3.5	11 - 11.5	14.5 - 15	3.5 - 4
		Report Units	ug/L	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
		Sample Purpose	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG
Parameter Name	**Leached**	**Soil Action Levels**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**
Methyl acetate	N	NS	-	0.46 U	0.28 U	0.49 U	0.47 U	0.44 U	0.002 U	0.005 UJ	0.004 UJ	0.002 U	0.21 UJ	0.006 UJ	0.002 UJ
Methyl-t-butyl ether	N	NS	-	0.11 U	0.069 U	0.12 U	0.12 U	0.11 U	0.0006 U	0.001 UJ	0.001 UJ	0.0006 U	0.053 UJ	0.002 UJ	0.0005 UJ
Methylcyclohexane	N	NS	-	0.23 U	0.14 U	0.25 U	0.23 U	0.22 U	0.001 U	0.004 J	0.002 UJ	0.001 U	35 J	0.009 J	0.001 UJ
Methylene chloride (Dichloromethane)	N	210.0 mg/kg	-	0.46 U	0.28 U	0.49 U	0.47 U	0.44 U	0.002 U	0.005 UJ	0.004 UJ	0.002 U	0.21 UJ	0.006 UJ	0.002 UJ
Styrene	N	97.0 mg/kg	-	0.23 U	0.14 U	0.25 U	0.23 U	0.22 U	0.001 U	0.003 UJ	0.002 UJ	0.001 U	0.11 UJ	0.003 UJ	0.001 UJ
Tetrachloroethene	N	6.0 mg/kg	-	0.23 U	0.14 U	0.25 U	0.23 U	0.22 U	0.001 U	0.003 UJ	0.002 UJ	0.001 U	0.11 UJ	0.003 UJ	0.001 UJ
Toluene	N	1000.0 mg/kg	-	0.23 U	0.14 U	0.25 U	0.23 U	0.22 U	0.001 U	0.003 J	0.002 UJ	0.001 U	2.3 J	0.003 UJ	0.001 UJ
Toluene	Y	1000.0 mg/kg	4 J	-	-	-	-	-	-	-	-	-	-	-	-
trans-1,2-Dichloroethene	N	1000.0 mg/kg	-	0.23 U	0.14 U	0.25 U	0.23 U	0.22 U	0.001 U	0.003 UJ	0.002 UJ	0.001 U	0.11 UJ	0.003 UJ	0.001 UJ
trans-1,3-Dichloropropene	N	NS	-	0.23 U	0.14 U	0.25 U	0.23 U	0.22 U	0.001 U	0.003 UJ	0.002 UJ	0.001 U	0.11 UJ	0.003 UJ	0.001 UJ
Trichloroethene (Trichloroethylene)	N	54.0 mg/kg	-	0.23 U	0.14 U	0.25 U	0.23 U	0.22 U	0.001 U	0.003 UJ	0.002 UJ	0.001 U	0.11 UJ	0.003 UJ	0.001 UJ
Trichlorofluoromethane (Freon 11)	N	NS	-	0.46 U	0.28 U	0.49 U	0.47 U	0.44 U	0.002 U	0.005 UJ	0.004 UJ	0.002 U	0.21 UJ	0.006 UJ	0.002 UJ
Vinyl chloride (Chloroethene)	N	7.0 mg/kg	-	0.23 U	0.14 U	0.25 U	0.23 U	0.22 U	0.001 U	0.003 UJ	0.002 UJ	0.001 U	0.11 UJ	0.003 UJ	0.001 UJ
Xylene (total)	N	1000.0 mg/kg	-	0.23 U	0.14 U	0.25 U	0.23 U	0.22 U	0.001 U	0.041 J	0.002 UJ	0.001 U	24 J	0.003 UJ	0.001 UJ
Xylene (total)	Y	1000.0 mg/kg	24	-	-	-	-	-	-	-	-	-	-	-	-

Notes:
J = Estimated value
mg/kg = Milligrams per kilogram
NA = No criterion available for the analyte
U = Compound not detected at the reporting level shown
UJ = Compound not detected and value shown is estimated
ug/l = Micrograms per liter
Levels highlighted in yellow are above the soil action level

Attachment 2 - Soil Results
Summary of Volatile Organic Compound Results - SWMU 31 41
Justification for No Further Action
Former Chevron Perth Amboy Facility - Perth Amboy, New Jersey

		Location ID	S4674	S4674	S4675	S4675	S4675	S4676	S4676	S4676	S4677	S4677	S4677	S4677
		Field Sample ID	S4674D3	S4674E4	S4675B4	S4675C3	S4675E2	S4676B4	S4676D1	S4676E2	D04301513	S4677B2	S4677D4	S4677E2
		Sample Date	05/01/2015	05/01/2015	04/30/2015	04/30/2015	04/30/2015	05/01/2015	05/01/2015	05/01/2015	04/30/2015	04/30/2015	04/30/2015	04/30/2015
		Start Depth - End Depth	7 - 7.5	9.5 - 10	3.5 - 4	5 - 5.5	8.5 - 9	3.5 - 4	6 - 6.5	8.5 - 9		2.5 - 3	7.5 - 8	8.5 - 9
		Report Units	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
		Sample Purpose	REG	REG	REG	REG	REG	REG	REG	REG	FD	REG	REG	REG
Parameter Name	**Leached**	**Soil Action Levels**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**
1,1 Dichloroethene	N	150.0 mg/kg	0.002 UJ	0.003 UJ	0.001 U	0.001 UJ	0.002 UJ	0.001 U	0.10 UJ	0.002 UJ	0.002 UJ	0.001 U	0.002 UJ	0.002 UJ
1,1,1-Trichloroethane	N	1000.0 mg/kg	0.002 UJ	0.003 UJ	0.001 U	0.001 UJ	0.002 UJ	0.001 U	0.10 UJ	0.002 UJ	0.002 UJ	0.001 U	0.002 UJ	0.002 UJ
1,1,2,2-Tetrachloroethane	N	70.0 mg/kg	0.002 UJ	0.003 UJ	0.001 U	0.001 UJ	0.002 R	0.001 U	0.10 UJ	-	0.002 UJ	0.001 U	0.002 UJ	0.002 UJ
1,1,2-Trichloroethane	N	420.0 mg/kg	0.002 UJ	0.003 UJ	0.001 U	0.001 UJ	0.002 UJ	0.001 U	0.10 UJ	0.002 UJ	0.002 UJ	0.001 U	0.002 UJ	0.002 UJ
1,1,2-Trichlorotrifluoroethane (Freon 113)	N	NS	0.004 UJ	0.006 UJ	0.002 U	0.002 UJ	0.004 UJ	0.002 U	0.21 UJ	0.004 UJ	0.005 UJ	0.002 U	0.004 UJ	0.005 UJ
1,1-Dichloroethane	N	1000.0 mg/kg	0.002 UJ	0.003 UJ	0.001 U	0.001 UJ	0.002 UJ	0.001 U	0.10 UJ	0.002 UJ	0.002 UJ	0.001 U	0.002 UJ	0.002 UJ
1,2,4-Trichlorobenzene	N	1200.0 mg/kg	0.002 UJ	0.003 UJ	0.001 U	0.001 UJ	0.002 R	0.001 U	0.10 UJ	-	0.002 UJ	0.001 U	0.002 UJ	0.002 UJ
1,2-Dibromo-3-chloropropane (DBCP)	N	NS	0.004 UJ	0.006 UJ	0.002 U	0.002 UJ	0.004 R	0.002 U	0.21 UJ	-	0.005 UJ	0.002 U	0.004 UJ	0.005 UJ
1,2-Dibromoethane	N	NS	0.002 UJ	0.003 UJ	0.001 U	0.001 UJ	0.002 UJ	0.001 U	0.10 UJ	0.002 UJ	0.002 UJ	0.001 U	0.002 UJ	0.002 UJ
1,2-Dichlorobenzene (o-Dichlorobenzene)	N	10000.0 mg/kg	0.002 UJ	0.003 UJ	0.001 U	0.001 UJ	0.002 R	0.001 U	0.10 UJ	-	0.002 UJ	0.001 U	0.002 UJ	0.002 UJ
1,2-Dichloroethane	N	24.0 mg/kg	0.002 UJ	0.003 UJ	0.001 U	0.001 UJ	0.002 UJ	0.001 U	0.10 UJ	0.002 UJ	0.002 UJ	0.001 U	0.002 UJ	0.002 UJ
1,2-Dichloropropane	N	43.0 mg/kg	0.002 UJ	0.003 UJ	0.001 U	0.001 UJ	0.002 UJ	0.001 U	0.10 UJ	0.002 UJ	0.002 UJ	0.001 U	0.002 UJ	0.002 UJ
1,3-Dichlorobenzene	N	10000.0 mg/kg	0.002 UJ	0.003 UJ	0.001 U	0.001 UJ	0.002 R	0.001 U	0.10 UJ	-	0.002 UJ	0.001 U	0.002 UJ	0.002 UJ
1,4-Dichlorobenzene	N	10000.0 mg/kg	0.002 UJ	0.003 UJ	0.001 U	0.001 UJ	0.002 R	0.001 U	0.10 UJ	-	0.002 UJ	0.001 U	0.002 UJ	0.002 UJ
2-Butanone (Methyl ethyl ketone)	N	1000.0 mg/kg	0.013 J	0.011 UJ	0.004 U	0.004 UJ	0.009 UJ	0.004 U	0.42 UJ	0.009 UJ	0.009 UJ	0.004 U	0.037 J	0.009 UJ
2-Hexanone	N	NS	0.006 UJ	0.008 UJ	0.003 U	0.003 UJ	0.007 UJ	0.003 U	0.31 UJ	0.006 UJ	0.007 UJ	0.003 U	0.006 UJ	0.007 UJ
4-Methyl-2-pentanone	N	1000.0 mg/kg	0.006 UJ	0.008 UJ	0.003 U	0.003 UJ	0.007 UJ	0.003 U	0.31 UJ	0.006 UJ	0.007 UJ	0.003 U	0.006 UJ	0.007 UJ
Acetone	N	1000.0 mg/kg	0.083 J	0.032 J	0.01 J	0.033 J	0.041 J	0.014 J	0.73 UJ	0.036 J	0.031 J	0.017 J	0.15 J	0.035 J
Benzene	N	13.0 mg/kg	0.010 J	0.001 UJ	0.0005 U	0.0005 UJ	0.001 UJ	0.0005 U	0.11 J	0.002 J	0.001 J	0.0005 U	0.013 J	0.001 UJ
Benzene	Y	500.0 ug/l	-	-	-	-	-	-	-	-	-	-	-	-
Bromodichloromethane	N	46.0 mg/kg	0.002 UJ	0.003 UJ	0.001 U	0.001 UJ	0.002 UJ	0.001 U	0.10 UJ	0.002 UJ	0.002 UJ	0.001 U	0.002 UJ	0.002 UJ
Bromoform	N	370.0 mg/kg	0.002 UJ	0.003 UJ	0.001 U	0.001 UJ	0.002 UJ	0.001 U	0.10 UJ	0.002 UJ	0.002 UJ	0.001 U	0.002 UJ	0.002 UJ
Bromomethane (Methyl bromide)	N	1000.0 mg/kg	0.004 UJ	0.006 UJ	0.002 U	0.002 UJ	0.004 UJ	0.002 U	0.21 UJ	0.004 UJ	0.005 UJ	0.002 U	0.004 UJ	0.005 UJ
Carbon disulfide	N	NS	0.003 J	0.012 J	0.001 U	0.004 J	0.012 J	0.002 J	0.10 UJ	0.007 J	0.006 J	0.001 U	0.019 J	0.007 J
Carbon Tetrachloride	N	4.0 mg/kg	0.002 UJ	0.003 UJ	0.001 U	0.001 UJ	0.002 UJ	0.001 U	0.10 UJ	0.002 UJ	0.002 UJ	0.001 U	0.002 UJ	0.002 UJ
Chlorobenzene	N	680.0 mg/kg	0.002 UJ	0.003 UJ	0.001 U	0.001 UJ	0.002 UJ	0.001 U	0.10 UJ	0.002 UJ	0.002 UJ	0.001 U	0.002 UJ	0.002 UJ
Chloroethane	N	NS	0.004 UJ	0.006 UJ	0.002 U	0.002 UJ	0.004 UJ	0.002 U	0.21 UJ	0.004 UJ	0.005 UJ	0.002 U	0.004 UJ	0.005 UJ
Chloroform	N	28.0 mg/kg	0.002 UJ	0.003 UJ	0.001 U	0.001 UJ	0.002 UJ	0.001 U	0.10 UJ	0.002 UJ	0.002 UJ	0.001 U	0.002 UJ	0.002 UJ
Chloromethane (Methyl chloride)	N	1000.0 mg/kg	0.004 UJ	0.006 UJ	0.002 U	0.002 UJ	0.004 UJ	0.002 U	0.21 UJ	0.004 UJ	0.005 UJ	0.002 U	0.004 UJ	0.005 UJ
cis-1,2-Dichloroethene	N	1000.0 mg/kg	0.002 UJ	0.003 UJ	0.001 U	0.001 UJ	0.002 UJ	0.001 U	0.10 UJ	0.002 UJ	0.002 UJ	0.001 U	0.002 UJ	0.002 UJ
cis-1,3-Dichloropropene	N	NS	0.002 UJ	0.003 UJ	0.001 U	0.001 UJ	0.002 UJ	0.001 U	0.10 UJ	0.002 UJ	0.002 UJ	0.001 U	0.002 UJ	0.002 UJ
Cyclohexane	N	NS	0.005 J	0.003 UJ	0.001 U	0.001 UJ	0.002 UJ	0.001 U	0.10 UJ	0.003 J	0.002 UJ	0.001 U	0.020 J	0.002 UJ
Dibromochloromethane	N	1000.0 mg/kg	0.002 UJ	0.003 UJ	0.001 U	0.001 UJ	0.002 UJ	0.001 U	0.10 UJ	0.002 UJ	0.002 UJ	0.001 U	0.002 UJ	0.002 UJ
Dichlorodifluoromethane (Freon 12)	N	NS	0.004 UJ	0.006 UJ	0.002 U	0.002 UJ	0.004 UJ	0.002 U	0.21 UJ	0.004 UJ	0.005 UJ	0.002 U	0.004 UJ	0.005 UJ
Ethylbenzene	N	1000.0 mg/kg	0.012 J	0.003 UJ	0.001 U	0.001 UJ	0.002 UJ	0.001 U	0.28 J	0.002 J	0.002 UJ	0.001 U	0.037 J	0.002 UJ
Ethylbenzene	Y	1000.0 mg/kg	-	-	-	-	-	-	-	-	-	-	-	-
Isopropylbenzene	N	NS	0.002 UJ	0.003 UJ	0.001 U	0.001 UJ	0.002 UJ	0.001 U	0.10 UJ	0.004 J	0.002 UJ	0.001 U	0.005 J	0.002 UJ

Attachment 2 - Soil Results
Summary of Volatile Organic Compound Results - SWMU 31 41
Justification for No Further Action
Former Chevron Perth Amboy Facility - Perth Amboy, New Jersey

		Location ID	S4674	S4674	S4675	S4675	S4675	S4676	S4676	S4676	S4677	S4677	S4677	S4677
		Field Sample ID	S4674D3	S4674E4	S4675B4	S4675C3	S4675E2	S4676B4	S4676D1	S4676E2	D04301513	S4677B2	S4677D4	S4677E2
		Sample Date	05/01/2015	05/01/2015	04/30/2015	04/30/2015	04/30/2015	05/01/2015	05/01/2015	05/01/2015	04/30/2015	04/30/2015	04/30/2015	04/30/2015
		Start Depth - End Depth	7 - 7.5	9.5 - 10	3.5 - 4	5 - 5.5	8.5 - 9	3.5 - 4	6 - 6.5	8.5 - 9		2.5 - 3	7.5 - 8	8.5 - 9
		Report Units	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
		Sample Purpose	REG	REG	REG	REG	REG	REG	REG	REG	FD	REG	REG	REG
Parameter Name	**Leached**	**Soil Action Levels**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**
Methyl acetate	N	NS	0.004 UJ	0.006 UJ	0.002 U	0.002 UJ	0.004 UJ	0.002 U	0.65 J	0.004 UJ	0.005 UJ	0.002 U	0.004 UJ	0.005 UJ
Methyl-t-butyl ether	N	NS	0.001 UJ	0.001 UJ	0.0005 U	0.0005 UJ	0.001 UJ	0.0005 U	0.052 UJ	0.001 UJ	0.001 UJ	0.0005 U	0.001 UJ	0.001 UJ
Methylcyclohexane	N	NS	0.012 J	0.003 UJ	0.001 U	0.001 UJ	0.002 UJ	0.001 U	0.10 UJ	0.003 J	0.002 UJ	0.001 U	0.049 J	0.002 UJ
Methylene chloride (Dichloromethane)	N	210.0 mg/kg	0.004 UJ	0.006 UJ	0.002 U	0.002 UJ	0.004 UJ	0.002 U	0.21 UJ	0.004 UJ	0.005 UJ	0.002 U	0.004 UJ	0.005 UJ
Styrene	N	97.0 mg/kg	0.002 UJ	0.003 UJ	0.001 U	0.001 UJ	0.002 UJ	0.001 U	0.10 UJ	0.002 UJ	0.002 UJ	0.001 U	0.002 UJ	0.002 UJ
Tetrachloroethene	N	6.0 mg/kg	0.002 UJ	0.003 UJ	0.001 U	0.001 UJ	0.002 UJ	0.001 U	0.10 UJ	0.002 UJ	0.002 UJ	0.001 U	0.002 UJ	0.002 UJ
Toluene	N	1000.0 mg/kg	0.002 UJ	0.003 UJ	0.001 U	0.001 UJ	0.002 UJ	0.001 U	0.10 UJ	0.002 UJ	0.002 UJ	0.001 U	0.062 J	0.002 UJ
Toluene	Y	1000.0 mg/kg	-	-	-	-	-	-	-	-	-	-	-	-
trans-1,2-Dichloroethene	N	1000.0 mg/kg	0.002 UJ	0.003 UJ	0.001 U	0.001 UJ	0.002 UJ	0.001 U	0.10 UJ	0.002 UJ	0.002 UJ	0.001 U	0.002 UJ	0.002 UJ
trans-1,3-Dichloropropene	N	NS	0.002 UJ	0.003 UJ	0.001 U	0.001 UJ	0.002 UJ	0.001 U	0.10 UJ	0.002 UJ	0.002 UJ	0.001 U	0.002 UJ	0.002 UJ
Trichloroethene (Trichloroethylene)	N	54.0 mg/kg	0.002 UJ	0.003 UJ	0.001 U	0.001 UJ	0.002 UJ	0.001 U	0.10 UJ	0.002 UJ	0.002 UJ	0.001 U	0.002 UJ	0.002 UJ
Trichlorofluoromethane (Freon 11)	N	NS	0.004 UJ	0.006 UJ	0.002 U	0.002 UJ	0.004 UJ	0.002 U	0.21 UJ	0.004 UJ	0.005 UJ	0.002 U	0.004 UJ	0.005 UJ
Vinyl chloride (Chloroethene)	N	7.0 mg/kg	0.002 UJ	0.003 UJ	0.001 U	0.001 UJ	0.002 UJ	0.001 U	0.10 UJ	0.002 UJ	0.002 UJ	0.001 U	0.002 UJ	0.002 UJ
Xylene (total)	N	1000.0 mg/kg	0.035 J	0.003 UJ	0.001 U	0.001 UJ	0.002 UJ	0.001 U	1.3 J	0.006 J	0.002 UJ	0.001 U	0.22 J	0.003 J
Xylene (total)	Y	1000.0 mg/kg	-	-	-	-	-	-	-	-	-	-	-	-

Notes:
J = Estimated value
mg/kg = Milligrams per kilogram
NA = No criterion available for the analyte
U = Compound not detected at the reporting level shown
UJ = Compound not detected and value shown is estimated
ug/l = Micrograms per liter
Levels highlighted in yellow are above the soil action level

		Location ID	SB-0184	S0840	S0840	S0840	S0858	S0858	S0858	S1380	S1380	S1381	S1381	S1382	S1382
		Field Sample ID	SB-0184S-D	S0840A2	S0840B1	S0840D3	S0858A3	S0858C1	S0858I1	S1380E3	S1380H2	S1381D1	S1381D4	S1382E4	S1382H3
		Sample Date	02/14/1996	08/19/2002	08/19/2002	08/19/2002	09/10/2002	09/10/2002	09/10/2002	01/06/2003	01/06/2003	01/06/2003	01/06/2003	01/06/2003	01/06/2003
		Start Depth - End Depth	6 - 8	0.5 - 1	2 - 2.5	7 - 7.5	1 - 1.5	4 - 4.5	16 - 16.5	9 - 9.5	14.5 - 15	6 - 6.5	7.5 - 8	9.5 - 10	15 - 15.5
		Report Units	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
		Sample Purpose	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG
Parameter Name	**Leached**	**Soil Action Levels**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**
2,4,5-Trichlorophenol	N	10000.0 mg/kg	-	0.037 U	0.038 U	0.060 U	0.036 U	0.038 U	0.056 U	0.22 U	0.040 U	0.038 U	4.1 U	3.7 U	0.31 U
2,4,6-Trichlorophenol	N	270.0 mg/kg	-	0.037 U	0.038 U	0.060 U	0.036 U	0.038 U	0.056 U	0.22 U	0.040 U	0.038 U	4.1 U	3.7 U	0.31 U
2,4-Dichlorophenol	N	NS	-	0.037 U	0.038 U	0.060 U	0.036 U	0.038 U	0.056 U	0.22 U	0.040 U	0.038 U	4.1 U	3.7 U	0.31 U
2,4-Dimethylphenol	N	10000.0 mg/kg	12 U	0.037 U	0.038 U	0.060 U	0.036 U	0.038 U	0.056 U	0.22 U	0.040 U	0.038 U	4.1 U	3.7 U	0.31 U
2,4-Dinitrophenol	N	2100.0 mg/kg	24 U	0.75 U	0.78 U	1.2 U	0.73 U	0.78 U	1.1 U	4.2 U	0.81 U	0.77 U	84 U	73 U	6.0 U
2,4-Dinitrotoluene	N	NS	-	0.075 U	0.078 U	0.12 U	0.073 U	0.078 U	0.11 U	0.42 U	0.081 U	0.077 U	8.4 U	7.3 U	0.60 U
2,6-Dinitrotoluene	N	NS	-	0.037 U	0.038 U	0.060 U	0.036 U	0.038 U	0.056 U	0.22 U	0.040 U	0.039 J	4.1 U	3.7 U	0.31 U
2-Chloronaphthalene	N	NS	-	0.037 U	0.038 U	0.060 U	0.036 U	0.038 U	0.056 U	0.22 U	0.040 U	0.038 U	4.1 U	3.7 U	0.31 U
2-Chlorophenol (o-Chlorophenol)	N	5200.0 mg/kg	-	0.037 U	0.038 U	0.060 U	0.036 U	0.038 U	0.056 U	0.22 U	0.040 U	0.038 U	4.1 U	3.7 U	0.31 U
2-Methyl-Naphthlalene	N	NS	33	0.037 U	0.038 U	0.060 U	0.036 U	0.19 J	0.056 U	9.6	0.72	0.090 J	37 J	160	38
2-Methylphenol (o-Cresol)	N	10000.0 mg/kg	12 U	0.037 U	0.038 U	0.060 U	0.036 U	0.038 U	0.056 U	0.22 U	0.040 U	0.038 U	4.1 U	3.7 U	0.31 U
2-Nitroaniline (o-Nitroaniline)	N	NS	-	0.037 U	0.038 U	0.060 U	0.036 U	0.038 U	0.056 U	0.22 U	0.040 U	0.038 U	4.1 U	3.7 U	0.31 U
2-Nitrophenol (o-Nitrophenol)	N	NS	-	0.037 U	0.038 U	0.060 U	0.036 U	0.038 U	0.056 U	0.22 U	0.040 U	0.038 U	4.1 U	3.7 U	0.31 U
3,3'-Dichlorobenzidine	N	6.0 mg/kg	-	0.075 U	0.078 U	0.12 U	0.073 U	0.078 U	0.11 U	0.42 U	0.081 U	0.077 U	8.4 U	7.3 U	0.60 U
3-Nitroaniline	N	NS	-	0.075 U	0.078 U	0.12 U	0.073 U	0.078 U	0.11 U	0.42 U	0.081 U	0.077 U	8.4 U	7.3 U	0.60 U
4,6-Dinitro-2-methylphenol (4,6-Dinitro-o-cresol)	N	NS	-	0.19 U	0.20 U	0.31 U	0.19 U	0.20 U	0.29 U	1.1 U	0.21 U	0.20 U	21 U	18 U	1.5 U
4-Bromophenylphenylether	N	NS	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Chloroaniline	N	4200.0 mg/kg	-	0.037 U	0.038 U	0.060 U	0.036 U	0.038 U	0.056 U	0.22 U	0.040 U	0.038 U	4.1 U	3.7 U	0.31 U
4-Chlorophenyl phenyl ether	N	NS	-	0.037 U	0.038 U	0.060 U	0.036 U	0.038 U	0.056 U	0.22 U	0.040 U	0.038 U	4.1 U	3.7 U	0.31 U
4-Methylphenol (p-Cresol)	N	10000.0 mg/kg	-	0.075 U	0.078 U	0.12 U	0.073 U	0.078 U	0.11 U	0.42 U	0.081 U	0.077 U	8.4 U	7.3 U	0.60 U
4-Nitroaniline	N	NS	-	0.075 U	0.078 U	0.12 U	0.073 U	0.078 U	0.11 U	0.42 U	0.081 U	0.077 U	8.4 U	7.3 U	0.60 U
4-Nitrophenol	N	NS	24 U	0.19 U	0.20 U	0.31 U	0.19 U	0.20 U	0.29 U	1.1 U	0.21 U	0.20 U	21 U	18 U	1.5 U
Acenaphthene	N	NS	-	0.12 J	0.038 U	0.060 U	0.044 J	0.063 J	0.056 U	0.68 J	0.11 J	0.16 J	5.9 J	7.0 J	1.4 J
Acenaphthylene	N	NS	-	0.037 U	0.038 U	0.060 U	0.036 U	0.038 U	0.056 U	0.43 J	0.084 J	0.095 J	4.1 U	3.7 U	1.0 J
Acetophenone	N	NS	-	0.075 U	0.078 U	0.12 U	0.073 U	0.078 U	0.11 U	0.42 U	0.081 U	0.077 U	8.4 U	7.3 U	0.60 U
Anthracene	N	10000.0 mg/kg	15	0.037 U	0.043 J	0.060 U	0.036 U	0.098 J	0.056 U	0.76 J	0.091 J	0.51	4.1 U	3.7 U	1.6 J
Atrazine	N	NS	-	0.037 U	0.038 U	0.060 U	0.036 U	0.038 U	0.056 U	0.22 U	0.040 U	0.038 U	4.1 U	3.7 U	0.31 U
Benzaldehyde	N	NS	-	0.037 U	0.038 U	0.060 U	0.036 U	0.038 U	0.056 U	0.22 U	0.040 U	0.038 U	4.1 U	3.7 U	0.31 U
Benzo(a)anthracene	N	4.0 mg/kg	**17**	0.16 J	0.12 J	0.060 U	0.050 J	0.20 J	0.056 U	0.74 J	0.078 J	1.3	4.1 U	3.7 U	1.0 J
Benzo(a)pyrene	N	10.0 mg/kg	9.6	0.12 J	0.20 J	0.060 U	0.062 J	0.13 J	0.056 U	0.74 J	0.060 J	1.2	4.1 U	3.7 U	0.84 J
Benzo(b)fluoranthene	N	4.0 mg/kg	**10**	0.15 J	0.17 J	0.060 U	0.064 J	0.12 J	0.056 U	0.50 J	0.076 J	1.4	4.1 U	3.7 U	0.73 J
Benzo(g,h,i)perylene	N	NS	-	0.090 J	0.26 J	0.060 U	0.049 J	0.15 J	0.056 U	0.44 J	0.040 U	0.46	4.1 U	3.7 U	0.51 J
Benzo(k)fluoranthene	N	4.0 mg/kg	3.6	0.066 J	0.051 J	0.060 U	0.036 U	0.038 U	0.056 U	0.22 U	0.040 U	0.54	4.1 U	3.7 U	0.31 U
bis(2-Chloroethoxy)methane	N	NS	-	0.037 U	0.038 U	0.060 U	0.036 U	0.038 U	0.056 U	0.22 U	0.040 U	0.038 U	4.1 U	3.7 U	0.31 U
bis(2-Chloroethyl) ether	N	NS	-	0.037 U	0.038 U	0.060 U	0.036 U	0.038 U	0.056 U	0.22 U	0.040 U	0.038 U	4.1 U	3.7 U	0.31 U
bis(2-chloroisopropyl) ether	N	NS	-	0.037 U	0.038 U	0.060 U	0.036 U	0.038 U	0.056 U	0.22 U	0.040 U	0.038 U	4.1 U	3.7 U	0.31 U
bis(2-Ethylhexyl)phthalate	N	210.0 mg/kg	12 U	0.075 U	0.083 J	0.12 U	0.073 U	0.078 U	0.11 U	0.44 J	0.17 J	0.13 J	13 J	7.3 U	1.2 J

		Location ID	SB-0184	S0840	S0840	S0840	S0858	S0858	S0858	S1380	S1380	S1381	S1381	S1382	S1382
		Field Sample ID	SB-0184S-D	S0840A2	S0840B1	S0840D3	S0858A3	S0858C1	S0858I1	S1380E3	S1380H2	S1381D1	S1381D4	S1382E4	S1382H3
		Sample Date	02/14/1996	08/19/2002	08/19/2002	08/19/2002	09/10/2002	09/10/2002	09/10/2002	01/06/2003	01/06/2003	01/06/2003	01/06/2003	01/06/2003	01/06/2003
		Start Depth - End Depth	6 - 8	0.5 - 1	2 - 2.5	7 - 7.5	1 - 1.5	4 - 4.5	16 - 16.5	9 - 9.5	14.5 - 15	6 - 6.5	7.5 - 8	9.5 - 10	15 - 15.5
		Report Units	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
		Sample Purpose	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG
Parameter Name	**Leached**	**Soil Action Levels**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**
Butylbenzylphthalate	N	10000.0 mg/kg	12 U	0.075 U	0.078 U	0.12 U	0.073 U	0.078 U	0.11 U	0.42 U	0.081 U	0.077 U	8.4 U	7.3 U	0.60 U
Caprolactam	N	NS	-	0.037 U	0.052 J	0.060 U	0.036 U	0.038 U	0.056 U	0.22 U	0.040 U	0.038 U	4.1 U	3.7 U	0.31 U
Carbazole	N	NS	-	0.037 U	0.038 U	0.060 U	0.036 U	0.038 U	0.056 U	0.22 U	0.040 U	0.068 J	4.1 U	3.7 U	0.31 U
Chrysene	N	230.0 mg/kg	21	0.19 J	0.22 J	0.06 U	0.07 J	0.3 J	0.056 U	1 J	0.11 J	1.1	10 J	5.6 J	1.3 J
Di-n-butylphthalate	N	10000.0 mg/kg	12 U	0.075 U	0.078 U	0.12 U	0.073 U	0.078 U	0.11 U	0.42 U	0.081 U	0.077 U	8.4 U	7.3 U	0.60 U
Di-n-octylphthalate	N	10000.0 mg/kg	12 U	0.075 U	0.078 U	0.12 U	0.073 U	0.078 U	0.11 U	0.42 U	0.081 U	0.077 U	8.4 U	7.3 U	0.60 U
Dibenz(a,h)anthracene	N	0.66 mg/kg	12 U	0.037 U	0.062 J	0.060 U	0.036 U	0.057 J	0.056 U	0.22 U	0.040 U	0.18 J	4.1 U	3.7 U	0.31 U
Dibenzofuran	N	NS	-	0.037 U	0.038 U	0.060 U	0.036 U	0.038 U	0.056 U	0.88 J	0.13 J	0.097 J	6.1 J	4.3 J	1.9 J
Diethylphthalate	N	10000.0 mg/kg	12 U	0.075 U	0.078 U	0.12 U	0.073 U	0.078 U	0.11 U	0.42 U	0.081 U	0.077 U	8.4 U	7.3 U	0.60 U
Dimethyl phthalate	N	10000.0 mg/kg	12 U	0.075 U	0.078 U	0.12 U	0.073 U	0.078 U	0.11 U	0.42 U	0.081 U	0.077 U	8.4 U	7.3 U	0.60 U
Diphenyl (Biphenyl, Phenyl benzene)	N	NS	-	0.037 U	0.038 U	0.060 U	0.036 U	0.038 U	0.056 U	0.22 U	0.040 U	0.038 U	4.1 U	3.7 U	1.9 J
Fluoranthene	N	10000.0 mg/kg	28	0.32 J	0.17 J	0.060 U	0.096 J	0.15 J	0.056 U	0.86 J	0.16 J	2.3	6.6 J	3.7 U	1.6 J
Fluorene	N	10000.0 mg/kg	-	0.037 U	0.038 U	0.060 U	0.040 J	0.11 J	0.056 U	1.6 J	0.21 J	0.21 J	17 J	11 J	3.6
Hexachlorobenzene	N	2.0 mg/kg	-	0.037 U	0.038 U	0.060 U	0.036 U	0.038 U	0.056 U	0.22 U	0.040 U	0.038 U	4.1 U	3.7 U	0.31 U
Hexachlorobutadiene	N	21.0 mg/kg	-	0.075 U	0.078 U	0.12 U	0.073 U	0.078 U	0.11 U	0.42 U	0.081 U	0.077 U	8.4 U	7.3 U	0.60 U
Hexachlorocyclopentadiene	N	7300.0 mg/kg	-	0.19 U	0.20 U	0.31 U	0.19 U	0.20 U	0.29 U	1.1 U	0.21 U	0.20 U	21 U	18 U	1.5 U
Hexachloroethane	N	100.0 mg/kg	-	0.037 U	0.038 U	0.060 U	0.036 U	0.038 U	0.056 U	0.22 U	0.040 U	0.038 U	4.1 U	3.7 U	0.31 U
Indeno(1,2,3-cd)Pyrene	N	4.0 mg/kg	-	0.066 J	0.12 J	0.060 U	0.036 U	0.068 J	0.056 U	0.22 U	0.040 U	0.54	4.1 U	3.7 U	0.44 J
Isophorone	N	10000.0 mg/kg	-	0.037 U	0.038 U	0.060 U	0.036 U	0.038 U	0.056 U	0.22 U	0.040 U	0.038 U	4.1 U	3.7 U	0.31 U
N-Nitrosodi-n-propylamine	N	0.66 mg/kg	-	0.037 U	0.038 U	0.060 U	0.036 U	0.038 U	0.056 U	0.22 U	0.040 U	0.038 U	4.1 U	3.7 U	0.31 U
N-Nitrosodiphenylamine (Diphenylamine)	N	600.0 mg/kg	-	0.037 U	0.038 U	0.060 U	0.036 U	0.038 U	0.056 U	0.22 U	0.040 U	0.038 U	4.1 U	3.7 U	0.31 U
Naphthalene	N	17.0 mg/kg	16	0.037 U	0.038 U	0.060 U	0.036 U	0.038 U	0.056 U	2.1 J	0.20 J	0.076 J	15 J	**66**	**32 J**
Naphthalene	Y	17.0 mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-
Nitrobenzene	N	520.0 mg/kg	-	0.037 U	0.038 U	0.060 U	0.036 U	0.038 U	0.056 U	0.22 U	0.040 U	0.038 U	4.1 U	3.7 U	0.31 U
p-Chloro-m-cresol	N	10000.0 mg/kg	-	0.075 U	0.078 U	0.12 U	0.073 U	0.078 U	0.11 U	0.42 U	0.081 U	0.077 U	8.4 U	7.3 U	0.60 U
Pentachlorophenol	N	24.0 mg/kg	-	0.19 U	0.20 U	0.31 U	0.19 U	0.20 U	0.29 U	1.1 U	0.21 U	0.20 U	21 U	18 U	1.5 U
Phenanthrene	N	NS	47	0.053 J	0.070 J	0.060 U	0.12 J	0.47	0.056 U	5.2	0.56	1.3	52	30 J	11
Phenol	N	10000.0 mg/kg	12 U	0.037 U	0.038 U	0.060 U	0.036 U	0.038 U	0.056 U	0.22 U	0.040 U	0.038 U	4.1 U	3.7 U	0.31 U
Pyrene	N	10000.0 mg/kg	46	0.3 J	0.25 J	0.06 U	0.14 J	0.47	0.056 U	2 J	0.28 J	2.3	17 J	11 J	3.5

Notes:
J = Estimated value
mg/kg = Milligrams per kilogram
NA = No criterion available for the analyte
U = Compound not detected at the reporting level shown
UJ = Compound not detected and value shown is estimated
ug/l = Micrograms per liter
Levels highlighted in yellow are above the soil action level

		Location ID	S1748	S2090	S2090	S4672	S4672	S4672	S4673	S4673	S4673	S4674	S4674	S4674	S4675
		Field Sample ID	S1748C4	S2090I4	S2090M2	S4672B4	S4672D3	S4672E2	S4673B3	S4673F3	S4673H2	S4674B4	S4674D3	S4674E4	S4675B4
		Sample Date	04/14/2004	10/17/2006	10/17/2006	05/07/2015	05/07/2015	05/07/2015	05/01/2015	05/01/2015	05/01/2015	05/01/2015	05/01/2015	05/01/2015	04/30/2015
		Start Depth - End Depth	5.5 - 6.0	17.5 - 18.0	24.5 - 25	3.5 - 4	7 - 7.5	8.5 - 9	3 - 3.5	11 - 11.5	14.5 - 15	3.5 - 4	7 - 7.5	9.5 - 10	3.5 - 4
		Report Units	mg/L	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
		Sample Purpose	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG
Parameter Name	**Leached**	**Soil Action Levels**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**
2,4,5-Trichlorophenol	N	10000.0 mg/kg	-	0.12 U	0.076 U	0.017 U	0.18 U	0.029 U	0.019 U	0.29 U	0.037 U	0.018 U	1.3 U	0.034 U	0.018 U
2,4,6-Trichlorophenol	N	270.0 mg/kg	-	0.059 U	0.038 U	0.017 U	0.18 U	0.029 U	0.019 U	0.29 U	0.037 U	0.018 U	1.3 U	0.034 U	0.018 U
2,4-Dichlorophenol	N	NS	-	0.059 U	0.038 U	0.017 U	0.18 U	0.029 U	0.019 U	0.29 U	0.037 UJ	0.018 U	1.3 U	0.034 U	0.018 U
2,4-Dimethylphenol	N	10000.0 mg/kg	-	0.12 U	0.076 U	0.017 U	0.18 U	0.029 U	0.019 U	0.29 U	0.037 UJ	0.018 U	1.3 U	0.034 U	0.018 U
2,4-Dinitrophenol	N	2100.0 mg/kg	-	1.2 U	0.76 U	0.31 U	3.2 U	0.53 U	0.34 U	5.2 U	0.66 U	0.32 U	23 U	0.61 U	0.32 U
2,4-Dinitrotoluene	N	NS	-	0.12 U	0.076 U	0.069 U	0.71 U	0.12 U	0.077 U	1.2 U	0.15 UJ	0.071 U	5.2 U	0.14 U	0.071 U
2,6-Dinitrotoluene	N	NS	-	0.059 U	0.038 U	0.017 U	0.18 U	0.029 U	0.019 U	0.29 U	0.037 UJ	0.018 U	1.3 U	0.034 U	0.018 U
2-Chloronaphthalene	N	NS	-	0.059 U	0.038 U	0.007 U	0.074 U	0.012 U	0.008 U	0.12 U	0.015 UJ	0.007 U	0.55 U	0.014 U	0.007 UJ
2-Chlorophenol (o-Chlorophenol)	N	5200.0 mg/kg	-	0.059 U	0.038 U	0.017 U	0.18 U	0.029 U	0.019 U	0.29 U	0.037 UJ	0.018 U	1.3 U	0.034 U	0.018 U
2-Methyl-Naphthlalene	N	NS	-	0.059 U	0.038 U	0.003 U	0.23	0.006 U	0.004 U	15	0.014 J	0.004 U	8.9	0.007 U	0.006 J
2-Methylphenol (o-Cresol)	N	10000.0 mg/kg	-	0.12 U	0.076 U	0.017 U	0.18 U	0.029 U	0.019 U	0.29 U	0.037 UJ	0.018 U	1.3 U	0.034 U	0.018 U
2-Nitroaniline (o-Nitroaniline)	N	NS	-	0.059 U	0.038 U	0.017 U	0.18 U	0.029 U	0.019 U	0.29 U	0.037 UJ	0.018 U	1.3 U	0.034 U	0.018 U
2-Nitrophenol (o-Nitrophenol)	N	NS	-	0.059 U	0.038 U	0.017 U	0.18 U	0.029 U	0.019 U	0.29 U	0.037 UJ	0.018 U	1.3 U	0.034 U	0.018 U
3,3'-Dichlorobenzidine	N	6.0 mg/kg	-	0.18 U	0.11 U	0.10 U	1.1 U	0.18 U	0.11 U	1.7 U	0.22 UJ	0.11 U	7.8 U	0.20 U	0.11 U
3-Nitroaniline	N	NS	-	0.12 U	0.076 U	0.069 U	0.71 U	0.12 U	0.077 U	1.2 U	0.15 UJ	0.071 U	5.2 U	0.14 U	0.071 U
4,6-Dinitro-2-methylphenol (4,6-Dinitro-o-cresol)	N	NS	-	0.29 U	0.19 U	0.17 U	1.8 U	0.29 U	0.19 U	2.9 U	0.37 UJ	0.18 U	13 U	0.34 U	0.18 U
4-Bromophenylphenylether	N	NS	-	0.059 U	0.038 U	0.017 U	0.18 U	0.029 U	0.019 U	0.29 U	0.037 UJ	0.018 U	1.3 U	0.034 U	0.018 U
4-Chloroaniline	N	4200.0 mg/kg	-	0.12 U	0.076 U	0.035 U	0.35 U	0.059 U	0.019 U	0.29 U	0.037 UJ	0.018 U	1.3 U	0.034 U	0.018 U
4-Chlorophenyl phenyl ether	N	NS	-	0.059 U	0.038 U	0.017 U	0.18 U	0.029 U	0.019 U	0.29 U	0.037 UJ	0.018 U	1.3 U	0.034 U	0.018 U
4-Methylphenol (p-Cresol)	N	10000.0 mg/kg	-	0.12 U	0.076 U	0.017 U	0.18 U	0.029 U	0.019 U	0.29 U	0.037 UJ	0.018 U	1.3 U	0.034 U	0.018 U
4-Nitroaniline	N	NS	-	0.12 U	0.076 U	0.069 U	0.71 U	0.12 U	0.077 U	1.2 U	0.15 UJ	0.071 U	5.2 U	0.14 U	0.071 U
4-Nitrophenol	N	NS	-	0.29 U	0.19 U	0.17 U	1.8 U	0.29 U	0.19 U	2.9 U	0.37 U	0.18 U	13 U	0.34 U	0.18 U
Acenaphthene	N	NS	-	0.059 U	0.038 U	0.003 U	0.053 J	0.006 U	0.004 U	0.058 U	0.007 UJ	0.004 U	2.0	0.007 U	0.004 U
Acenaphthylene	N	NS	-	0.059 U	0.038 U	0.003 U	0.061 J	0.006 U	0.004 U	0.058 U	0.007 UJ	0.004 U	0.26 U	0.007 U	0.005 J
Acetophenone	N	NS	-	0.12 U	0.076 U	0.017 U	0.18 U	0.029 U	0.019 U	0.29 U	0.037 UJ	0.018 U	1.3 U	0.034 U	0.018 U
Anthracene	N	10000.0 mg/kg	-	0.059 U	0.038 U	0.003 U	0.16 J	0.006 U	0.004 U	1.1	0.007 UJ	0.011 J	3.7	0.007 U	0.008 J
Atrazine	N	NS	-	0.059 U	0.038 U	0.035 U	0.35 U	0.059 U	0.038 U	0.58 U	0.074 UJ	0.036 U	2.6 U	0.068 U	0.035 U
Benzaldehyde	N	NS	-	0.12 U	0.076 U	0.069 U	0.71 U	0.12 U	0.077 U	1.2 U	0.15 UJ	0.071 U	5.2 U	0.14 U	0.071 U
Benzo(a)anthracene	N	4.0 mg/kg	-	0.059 U	0.038 U	0.003 U	0.38	0.006 U	0.004 J	0.67	0.007 UJ	0.006 J	2.8	0.007 U	0.026
Benzo(a)pyrene	N	10.0 mg/kg	-	0.059 U	0.053 J	0.003 U	0.40	0.006 U	0.004 U	0.71	0.007 UJ	0.005 J	3.4	0.007 U	0.030
Benzo(b)fluoranthene	N	4.0 mg/kg	-	0.059 U	0.038 U	0.003 U	0.56	0.006 U	0.004 U	0.46	0.007 UJ	0.005 J	**4.2**	0.007 U	0.047
Benzo(g,h,i)perylene	N	NS	-	0.059 U	0.038 U	0.003 U	0.37	0.006 U	0.004 U	0.69	0.007 UJ	0.004 J	7.8	0.007 U	0.039
Benzo(k)fluoranthene	N	4.0 mg/kg	-	0.059 U	0.038 U	0.003 U	0.24	0.006 U	0.004 U	0.086 J	0.007 UJ	0.004 U	0.73 J	0.007 U	0.021
bis(2-Chloroethoxy)methane	N	NS	-	0.059 U	0.038 U	0.017 U	0.18 U	0.029 U	0.019 U	0.29 U	0.037 UJ	0.018 U	1.3 U	0.034 U	0.018 U
bis(2-Chloroethyl) ether	N	NS	-	0.059 U	0.038 U	0.017 U	0.18 U	0.029 U	0.019 U	0.29 U	0.037 UJ	0.018 U	1.3 U	0.034 U	0.018 U
bis(2-chloroisopropyl) ether	N	NS	-	0.059 U	0.038 U	0.017 U	0.18 U	0.029 U	0.019 U	0.29 U	0.037 UJ	0.018 U	1.3 U	0.034 U	0.018 U
bis(2-Ethylhexyl)phthalate	N	210.0 mg/kg	-	0.12 U	0.076 U	0.069 U	0.71 U	0.12 U	0.077 U	1.2 U	0.15 UJ	0.071 U	5.2 U	0.14 U	0.096 J

Attachment 2 - Soil Results
Summary of Semi Volatile Organic Compound Results - SWMU 31 41
Justification for No Further Action
Former Chevron Perth Amboy Facility - Perth Amboy, New Jersey

		Location ID	S1748	S2090	S2090	S4672	S4672	S4672	S4673	S4673	S4673	S4674	S4674	S4674	S4675
		Field Sample ID	S1748C4	S2090I4	S2090M2	S4672B4	S4672D3	S4672E2	S4673B3	S4673F3	S4673H2	S4674B4	S4674D3	S4674E4	S4675B4
		Sample Date	04/14/2004	10/17/2006	10/17/2006	05/07/2015	05/07/2015	05/07/2015	05/01/2015	05/01/2015	05/01/2015	05/01/2015	05/01/2015	05/01/2015	04/30/2015
		Start Depth - End Depth	5.5 - 6.0	17.5 - 18.0	24.5 - 25	3.5 - 4	7 - 7.5	8.5 - 9	3 - 3.5	11 - 11.5	14.5 - 15	3.5 - 4	7 - 7.5	9.5 - 10	3.5 - 4
		Report Units	mg/L	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
		Sample Purpose	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG
Parameter Name	**Leached**	**Soil Action Levels**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**
Butylbenzylphthalate	N	10000.0 mg/kg	-	0.12 U	0.076 U	0.069 U	0.71 U	0.12 U	0.077 U	1.2 U	0.15 UJ	0.071 U	5.2 U	0.14 U	0.071 U
Caprolactam	N	NS	-	0.059 U	0.038 U	0.035 U	0.35 U	0.059 U	0.038 U	0.58 U	0.074 UJ	0.036 U	2.6 U	0.068 U	0.035 U
Carbazole	N	NS	-	0.059 U	0.038 U	0.017 U	0.18 U	0.029 U	0.019 U	0.29 U	0.037 UJ	0.018 U	1.3 U	0.034 U	0.018 U
Chrysene	N	230.0 mg/kg	-	0.059 U	0.038 U	0.003 U	0.51	0.013 J	0.004 U	1.4	0.007 UJ	0.007 J	7.3	0.007 U	0.034
Di-n-butylphthalate	N	10000.0 mg/kg	-	0.12 U	0.076 U	0.069 U	0.71 U	0.12 U	0.077 U	1.2 U	0.15 UJ	0.071 U	5.2 U	0.14 U	0.071 U
Di-n-octylphthalate	N	10000.0 mg/kg	-	0.12 U	0.076 U	0.069 U	0.71 U	0.12 U	0.077 U	1.2 U	0.15 UJ	0.071 U	5.2 U	0.14 U	0.071 U
Dibenz(a,h)anthracene	N	0.66 mg/kg	-	0.059 U	0.038 U	0.003 U	0.089 J	0.006 U	0.004 U	0.15 J	0.007 UJ	0.004 U	**1.4**	0.007 U	0.009 J
Dibenzofuran	N	NS	-	0.059 U	0.038 U	0.017 U	0.18 U	0.029 U	0.019 U	0.29 U	0.037 UJ	0.018 U	1.3 U	0.034 U	0.018 U
Diethylphthalate	N	10000.0 mg/kg	-	0.12 U	0.076 U	0.069 U	0.71 U	0.12 U	0.077 U	1.2 U	0.15 UJ	0.071 U	5.2 U	0.14 U	0.071 U
Dimethyl phthalate	N	10000.0 mg/kg	-	0.12 U	0.076 U	0.069 U	0.71 U	0.12 U	0.077 U	1.2 U	0.15 UJ	0.071 U	5.2 U	0.14 U	0.071 U
Diphenyl (Biphenyl, Phenyl benzene)	N	NS	-	0.059 U	0.038 U	0.017 U	0.18 U	0.029 U	0.019 U	0.29 U	0.037 UJ	0.018 U	1.3 U	0.034 U	0.018 U
Fluoranthene	N	10000.0 mg/kg	-	0.059 U	0.038 U	0.003 U	0.68	0.007 J	0.004 U	0.71	0.010 J	0.088	3.5	0.008 J	0.037
Fluorene	N	10000.0 mg/kg	-	0.059 U	0.038 U	0.003 U	0.096 J	0.006 U	0.004 U	1.7	0.007 UJ	0.004 U	5.0	0.007 U	0.004 U
Hexachlorobenzene	N	2.0 mg/kg	-	0.059 U	0.038 U	0.003 U	0.035 U	0.006 U	0.004 U	0.058 U	0.007 UJ	0.004 U	0.26 U	0.007 U	0.004 U
Hexachlorobutadiene	N	21.0 mg/kg	-	0.12 U	0.076 U	0.017 U	0.18 U	0.029 U	0.019 U	0.29 U	0.037 UJ	0.018 U	1.3 U	0.034 U	0.018 U
Hexachlorocyclopentadiene	N	7300.0 mg/kg	-	0.29 U	0.19 U	0.17 U	1.8 U	0.29 U	0.19 U	2.9 U	0.37 UJ	0.18 U	13 U	0.34 U	0.18 U
Hexachloroethane	N	100.0 mg/kg	-	0.059 U	0.038 U	0.035 U	0.35 U	0.059 U	0.038 U	0.58 U	0.074 UJ	0.036 U	2.6 U	0.068 U	0.035 U
Indeno(1,2,3-cd)Pyrene	N	4.0 mg/kg	-	0.059 U	0.038 U	0.003 U	0.24	0.006 U	0.004 U	0.19 J	0.007 UJ	0.004 U	2.1	0.007 U	0.026
Isophorone	N	10000.0 mg/kg	-	0.059 U	0.038 U	0.017 U	0.18 U	0.029 U	0.019 U	0.29 U	0.037 UJ	0.018 U	1.3 U	0.034 U	0.018 U
N-Nitrosodi-n-propylamine	N	0.66 mg/kg	-	0.059 U	0.038 U	0.017 U	0.18 U	0.029 U	0.019 U	0.29 U	0.037 UJ	0.018 U	1.3 U	0.034 U	0.018 U
N-Nitrosodiphenylamine (Diphenylamine)	N	600.0 mg/kg	-	0.059 U	0.038 U	0.017 U	0.18 U	0.029 U	0.019 U	0.29 U	0.037 UJ	0.018 U	1.3 U	0.034 U	0.018 U
Naphthalene	N	17.0 mg/kg	-	0.059 U	0.038 U	0.003 U	0.25	0.006 J	0.004 U	4.9	0.024 J	0.004 U	1.8	0.01 J	0.006 J
Naphthalene	Y	17.0 mg/kg	0.002 J	-	-	-	-	-	-	-	-	-	-	-	-
Nitrobenzene	N	520.0 mg/kg	-	0.059 U	0.038 U	0.017 U	0.18 U	0.029 U	0.019 U	0.29 U	0.037 UJ	0.018 U	1.3 U	0.034 U	0.018 U
p-Chloro-m-cresol	N	10000.0 mg/kg	-	0.12 U	0.076 U	0.017 U	0.18 U	0.029 U	0.019 U	0.29 U	0.037 UJ	0.018 U	1.3 U	0.034 U	0.018 U
Pentachlorophenol	N	24.0 mg/kg	-	0.29 U	0.19 U	0.035 U	0.35 U	0.059 U	0.038 U	0.58 U	0.074 UJ	0.036 U	2.6 U	0.068 U	0.035 U
Phenanthrene	N	NS	-	0.059 U	0.038 U	0.003 U	0.62	0.013 J	0.004 U	5.9	0.025 J	0.012 J	11	0.01 J	0.026
Phenol	N	10000.0 mg/kg	-	0.059 U	0.038 U	0.017 U	0.18 U	0.029 U	0.019 U	0.29 U	0.041 J	0.018 U	1.3 U	0.034 U	0.018 U
Pyrene	N	10000.0 mg/kg	-	0.059 U	0.038 U	0.003 U	0.88	0.011 J	0.007 J	2.0	0.009 J	0.073	9.8	0.01 J	0.040

Notes:
J = Estimated value
mg/kg = Milligrams per kilogram
NA = No criterion available for the analyte
U = Compound not detected at the reporting level shown
UJ = Compound not detected and value shown is estimated
ug/l = Micrograms per liter
Levels highlighted in yellow are above the soil action level

		Location ID	S4675	S4675	S4676	S4676	S4676	S4677	S4677	S4677	S4677
		Field Sample ID	S4675C3	S4675E2	S4676B4	S4676D1	S4676E2	D04301513	S4677B2	S4677D4	S4677E2
		Sample Date	04/30/2015	04/30/2015	05/01/2015	05/01/2015	05/01/2015	04/30/2015	04/30/2015	04/30/2015	04/30/2015
		Start Depth - End Depth	5 - 5.5	8.5 - 9	3.5 - 4	6 - 6.5	8.5 - 9		2.5 - 3	7.5 - 8	8.5 - 9
		Report Units	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
		Sample Purpose	REG	REG	REG	REG	REG	FD	REG	REG	REG
Parameter Name	**Leached**	**Soil Action Levels**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**
2,4,5-Trichlorophenol	N	10000.0 mg/kg	0.019 U	0.031 U	0.018 U	0.29 U	0.031 U	0.032 U	0.018 U	0.26 U	0.031 U
2,4,6-Trichlorophenol	N	270.0 mg/kg	0.019 U	0.031 U	0.018 U	0.29 U	0.031 U	0.032 U	0.018 U	0.26 U	0.031 U
2,4-Dichlorophenol	N	NS	0.019 U	0.031 U	0.018 U	0.29 U	0.031 U	0.032 U	0.018 U	0.26 U	0.031 U
2,4-Dimethylphenol	N	10000.0 mg/kg	0.019 U	0.031 U	0.018 U	0.29 U	0.031 U	0.032 U	0.018 U	0.26 U	0.031 U
2,4-Dinitrophenol	N	2100.0 mg/kg	0.34 U	0.56 U	0.33 U	5.2 U	0.57 U	0.58 U	0.32 U	4.6 U	0.56 U
2,4-Dinitrotoluene	N	NS	0.076 U	0.12 U	0.072 U	1.1 U	0.13 U	0.13 U	0.071 U	1.0 U	0.13 U
2,6-Dinitrotoluene	N	NS	0.019 U	0.031 U	0.018 U	0.29 U	0.031 U	0.032 U	0.018 U	0.26 U	0.031 U
2-Chloronaphthalene	N	NS	0.008 UJ	0.013 UJ	0.008 U	0.12 U	0.013 U	0.013 UJ	0.007 UJ	0.11 U	0.013 UJ
2-Chlorophenol (o-Chlorophenol)	N	5200.0 mg/kg	0.019 U	0.031 U	0.018 U	0.29 U	0.031 U	0.032 U	0.018 U	0.26 U	0.031 U
2-Methyl-Naphthlalene	N	NS	0.004 J	0.006 U	0.005 J	0.47	0.013 J	0.016 J	0.004 U	3.8	0.019 J
2-Methylphenol (o-Cresol)	N	10000.0 mg/kg	0.019 U	0.031 U	0.018 U	0.29 U	0.031 U	0.032 U	0.018 U	0.26 U	0.031 U
2-Nitroaniline (o-Nitroaniline)	N	NS	0.019 U	0.031 U	0.018 U	0.29 U	0.031 U	0.032 U	0.018 U	0.26 U	0.031 U
2-Nitrophenol (o-Nitrophenol)	N	NS	0.019 U	0.031 U	0.018 U	0.29 U	0.031 U	0.032 U	0.018 U	0.26 U	0.031 U
3,3'-Dichlorobenzidine	N	6.0 mg/kg	0.11 U	0.19 U	0.11 U	1.7 U	0.19 U	0.19 U	0.11 U	1.5 U	0.19 U
3-Nitroaniline	N	NS	0.076 U	0.12 U	0.072 U	1.1 U	0.13 U	0.13 U	0.071 U	1.0 U	0.13 U
4,6-Dinitro-2-methylphenol (4,6-Dinitro-o-cresol)	N	NS	0.19 U	0.31 U	0.18 U	2.9 U	0.31 U	0.32 U	0.18 U	2.6 U	0.31 U
4-Bromophenylphenylether	N	NS	0.019 U	0.031 U	0.018 U	0.29 U	0.031 U	0.032 U	0.018 U	0.26 U	0.031 U
4-Chloroaniline	N	4200.0 mg/kg	0.019 U	0.031 U	0.018 U	0.29 U	0.031 U	0.032 U	0.018 U	0.26 U	0.031 U
4-Chlorophenyl phenyl ether	N	NS	0.019 U	0.031 U	0.018 U	0.29 U	0.031 U	0.032 U	0.018 U	0.26 U	0.031 U
4-Methylphenol (p-Cresol)	N	10000.0 mg/kg	0.019 U	0.031 U	0.018 U	0.29 U	0.031 U	0.032 U	0.018 U	0.26 U	0.031 U
4-Nitroaniline	N	NS	0.076 U	0.12 U	0.072 U	1.1 U	0.13 U	0.13 U	0.071 U	1.0 U	0.13 U
4-Nitrophenol	N	NS	0.19 U	0.31 U	0.18 U	2.9 U	0.31 U	0.32 U	0.18 U	2.6 U	0.31 U
Acenaphthene	N	NS	0.007 J	0.006 U	1.1	0.35	0.011 J	0.006 U	0.009 J	0.61	0.006 U
Acenaphthylene	N	NS	0.004 J	0.006 U	0.039	0.057 U	0.006 U	0.006 U	0.006 J	0.051 U	0.006 U
Acetophenone	N	NS	0.019 U	0.031 U	0.018 U	0.29 U	0.031 U	0.032 U	0.018 U	0.26 U	0.031 U
Anthracene	N	10000.0 mg/kg	0.006 J	0.006 U	4.2	0.36	0.017 J	0.006 U	0.011 J	0.80	0.006 U
Atrazine	N	NS	0.038 U	0.062 U	0.036 U	0.57 U	0.063 U	0.064 U	0.036 U	0.52 U	0.063 U
Benzaldehyde	N	NS	0.076 U	0.12 U	0.072 U	1.1 U	0.13 U	0.13 U	0.071 U	1.0 U	0.13 U
Benzo(a)anthracene	N	4.0 mg/kg	0.012 J	0.006 U	1.3	0.22 J	0.01 J	0.009 J	0.020	1.0	0.011 J
Benzo(a)pyrene	N	10.0 mg/kg	0.010 J	0.007 J	0.57	0.19 J	0.006 U	0.014 J	0.021	0.70	0.022 J
Benzo(b)fluoranthene	N	4.0 mg/kg	0.017 J	0.010 J	0.77	0.22 J	0.008 J	0.014 J	0.037	0.95	0.022 J
Benzo(g,h,i)perylene	N	NS	0.013 J	0.017 J	0.17	0.27 J	0.006 U	0.010 J	0.016 J	0.76	0.023 J
Benzo(k)fluoranthene	N	4.0 mg/kg	0.009 J	0.006 U	0.43	0.12 J	0.006 U	0.009 J	0.015 J	0.25 J	0.007 J
bis(2-Chloroethoxy)methane	N	NS	0.019 U	0.031 U	0.018 U	0.29 U	0.031 U	0.032 U	0.018 U	0.26 U	0.031 U
bis(2-Chloroethyl) ether	N	NS	0.019 U	0.031 U	0.018 U	0.29 U	0.031 U	0.032 U	0.018 U	0.26 U	0.031 U
bis(2-chloroisopropyl) ether	N	NS	0.019 U	0.031 U	0.018 U	0.29 U	0.031 U	0.032 U	0.018 U	0.26 U	0.031 U
bis(2-Ethylhexyl)phthalate	N	210.0 mg/kg	0.076 U	0.12 U	0.072 U	1.1 U	0.13 U	0.13 U	0.071 U	1.0 U	0.13 U

		Location ID	S4675	S4675	S4676	S4676	S4676	S4677	S4677	S4677	S4677
		Field Sample ID	S4675C3	S4675E2	S4676B4	S4676D1	S4676E2	D04301513	S4677B2	S4677D4	S4677E2
		Sample Date	04/30/2015	04/30/2015	05/01/2015	05/01/2015	05/01/2015	04/30/2015	04/30/2015	04/30/2015	04/30/2015
		Start Depth - End Depth	5 - 5.5	8.5 - 9	3.5 - 4	6 - 6.5	8.5 - 9		2.5 - 3	7.5 - 8	8.5 - 9
		Report Units	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
		Sample Purpose	REG	REG	REG	REG	REG	FD	REG	REG	REG
Parameter Name	**Leached**	**Soil Action Levels**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**
Butylbenzylphthalate	N	10000.0 mg/kg	0.076 U	0.12 U	0.072 U	1.1 U	0.13 U	0.13 U	0.071 U	1.0 U	0.13 U
Caprolactam	N	NS	0.038 U	0.062 U	0.036 U	0.57 U	0.063 U	0.064 U	0.036 U	0.52 U	0.063 U
Carbazole	N	NS	0.019 U	0.031 U	0.081	0.29 U	0.031 U	0.032 U	0.018 U	0.26 U	0.031 U
Chrysene	N	230.0 mg/kg	0.016 J	0.006 U	2.7	0.50	0.014 J	0.009 J	0.043	2.0	0.018 J
Di-n-butylphthalate	N	10000.0 mg/kg	0.076 U	0.12 U	0.072 U	1.1 U	0.13 U	0.13 U	0.071 U	1.0 U	0.13 U
Di-n-octylphthalate	N	10000.0 mg/kg	0.076 U	0.12 U	0.072 U	1.1 U	0.13 U	0.13 U	0.071 U	1.0 U	0.13 U
Dibenz(a,h)anthracene	N	0.66 mg/kg	0.006 J	0.006 U	0.057	0.057 U	0.006 U	0.006 U	0.007 J	0.24 J	0.011 J
Dibenzofuran	N	NS	0.019 U	0.031 U	0.46	0.29 U	0.031 U	0.032 U	0.018 U	0.26 U	0.031 U
Diethylphthalate	N	10000.0 mg/kg	0.076 U	0.12 U	0.072 U	1.1 U	0.13 U	0.13 U	0.071 U	1.0 U	0.13 U
Dimethyl phthalate	N	10000.0 mg/kg	0.076 U	0.12 U	0.072 U	1.1 U	0.13 U	0.13 U	0.071 U	1.0 U	0.13 U
Diphenyl (Biphenyl, Phenyl benzene)	N	NS	0.019 U	0.031 U	0.018 U	0.29 U	0.031 U	0.032 U	0.018 U	0.26 U	0.031 U
Fluoranthene	N	10000.0 mg/kg	0.015 J	0.006 U	4.8	0.72	0.036	0.006 J	0.12	1.3	0.01 J
Fluorene	N	10000.0 mg/kg	0.004 J	0.006 U	1.2	0.21 J	0.017 J	0.006 U	0.005 J	1.3	0.006 U
Hexachlorobenzene	N	2.0 mg/kg	0.004 U	0.006 U	0.004 U	0.057 U	0.006 U	0.006 U	0.004 U	0.051 U	0.006 U
Hexachlorobutadiene	N	21.0 mg/kg	0.019 U	0.031 U	0.018 U	0.29 U	0.031 U	0.032 U	0.018 U	0.26 U	0.031 U
Hexachlorocyclopentadiene	N	7300.0 mg/kg	0.19 U	0.31 U	0.18 U	2.9 U	0.31 U	0.32 U	0.18 U	2.6 U	0.31 U
Hexachloroethane	N	100.0 mg/kg	0.038 U	0.062 U	0.036 U	0.57 U	0.063 U	0.064 U	0.036 U	0.52 U	0.063 U
Indeno(1,2,3-cd)Pyrene	N	4.0 mg/kg	0.01 J	0.007 J	0.18	0.13 J	0.006 U	0.014 J	0.012 J	0.46	0.012 J
Isophorone	N	10000.0 mg/kg	0.019 U	0.031 U	0.018 U	0.29 U	0.031 U	0.032 U	0.018 U	0.26 U	0.031 U
N-Nitrosodi-n-propylamine	N	0.66 mg/kg	0.019 U	0.031 U	0.018 U	0.29 U	0.031 U	0.032 U	0.018 U	0.26 U	0.031 U
N-Nitrosodiphenylamine (Diphenylamine)	N	600.0 mg/kg	0.019 U	0.031 U	0.023 J	0.29 U	0.031 U	0.032 U	0.018 U	0.26 U	0.031 U
Naphthalene	N	17.0 mg/kg	0.004 U	0.009 J	0.004 U	0.35	0.013 J	0.016 J	0.004 U	0.89	0.006 U
Naphthalene	Y	17.0 mg/kg	-	-	-	-	-	-	-	-	-
Nitrobenzene	N	520.0 mg/kg	0.019 U	0.031 U	0.018 U	0.29 U	0.031 U	0.032 U	0.018 U	0.26 U	0.031 U
p-Chloro-m-cresol	N	10000.0 mg/kg	0.019 U	0.031 U	0.018 U	0.29 U	0.031 U	0.032 U	0.018 U	0.26 U	0.031 U
Pentachlorophenol	N	24.0 mg/kg	0.038 U	0.062 U	0.036 U	0.57 U	0.063 U	0.064 U	0.036 U	0.52 U	0.063 U
Phenanthrene	N	NS	0.013 J	0.006 U	2.6	0.35	0.039	0.015 J	0.004 U	4.1	0.024 J
Phenol	N	10000.0 mg/kg	0.019 U	0.031 U	0.018 U	0.29 U	0.031 U	0.032 U	0.018 U	0.26 U	0.031 U
Pyrene	N	10000.0 mg/kg	0.019 J	0.006 U	3.7	1.0	0.034	0.009 J	0.091	2.9	0.020 J

Notes:
J = Estimated value
mg/kg = Milligrams per kilogram
NA = No criterion available for the analyte
U = Compound not detected at the reporting level shown
UJ = Compound not detected and value shown is estimated
ug/l = Micrograms per liter
Levels highlighted in yellow are above the soil action level

Attachment 2 - Soil Results
Summary of TEL/TOL Results - SWMU 31 41
Justification for No Further Action
Former Chevron Perth Amboy Facility - Perth Amboy, New Jersey

		Location ID	S2192	S5093	S5094	S5095	S5096	S5097	S5097
		Field Sample ID	S2192E2	S5093E2	S5094D1	S5095C4	S5096D3	D0413169	S5097D3
		Sample Date	11/01/2006	04/12/2016	04/12/2016	04/12/2016	04/13/2016	04/13/2016	04/13/2016
		Start Depth - End Depth	8.5 - 9	8.5 - 9	6 - 6.5	5.5 - 6	7 - 7.5	7 - 7.5	7 - 7.5
		Report Units	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
		Sample Purpose	REG	REG	REG	REG	REG	FD	REG
Parameter Name	**Leached**	**Soil Action Levels**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**
Tetraethyl-lead	N	2.0 mg/kg	4.3 U	0.18 U	0.082 U	0.087 U	0.41 U	0.7 U	0.93 U

Attachment 2 - Groundwater Results
Summary of Target Analyte List Metals Results - SWMU 31 41
Justification for No Further Action
Former Chevron Perth Amboy Facility - Perth Amboy, New Jersey

		Location ID	MW-0030	MW-0030	MW-0030	MW-0030	MW-0030	MW-0030	MW-0030	MW-0030	MW-0030	MW-0030	MW-0030	MW-0030	MW-0030	MW-0030	MW-0030	MW-0030	MW-0030
		Sample Date	04/08/1997	09/10/1998	02/19/1999	10/04/1999	02/01/2000	11/14/2000	03/28/2001	01/29/2002	07/31/2002	08/14/2002	12/04/2002	03/13/2003	06/19/2003	09/03/2003	06/17/2004	10/06/2004	06/08/2005
		Field Sample ID	MW-0030-A1	M030A3Y	M030A4	M030A5	M030A6	M030A7Y	M030A8	M030A9	M030B2	M030B2T	M030B3X	M030B4X	M030B5	M030B6	M030B7	M030B8	M030B9
		SDG	E20285	E39280	90656	93965	00399	B2465	E88311	269988	295373	297195	RFE43	RFE67	RFE76	RFE85	RFF14	RFF28	946781
		Report Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
		Sample Type	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
		Sample Matrix	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER
		Sample Purpose	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG
Parameter Name	**Filtered**	**GW Action Levels**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**
Aluminum	N	200	-	-	-	-	**490000**	-	-	-	-	-	47.7U	48U	41.3U	54.6J	-	-	-
Antimony	N	6	**34.5**	5.0U	3.66	2.39U	3.11	5.0U	5.0U	5U	5.0U	5.0U	9.9U	9.9U	**23.9J**	8.5U	-	-	-
Arsenic	N	60	30.1	5.0U	4.18U	4.18U	4.52	5.8B*	5.0U	5.0U	7.00	5.0U	7.9J	4.9U	5.0J	7.1J	4.7U	4.7U	9.3U
Arsenic	Y	60	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Barium	N	6000	208	200U	46.7	139	71.8	83.5B*	200U	49.0	107	107	105	70J	109	134	-	-	-
Beryllium	N	1	5U	5.0U	0.930	**1.07**	0.177U	0.50U	5.0U	4.0U	4.0U	4.0U	0.50U	0.50U	0.34U	0.34U	-	-	-
Cadmium	N	4	**4.4**	4.0U	1.06	1.46	1.47	4.0B*	4.0U	1.0U	2.00	**6.00**	0.94U	0.94U	0.87U	0.87U	-	-	-
Calcium	N	NS	-	-	-	-	482000	-	-	-	-	-	214000	206000	223000	250000	-	-	-
Chromium	N	70	**134**	**74.9**	36.2	15.2	7.11	12.6	10U	9.000	25.0	12.0	2.0U	2.0U	2.2U	2.2U	-	-	-
Cobalt	N	NS	50U	50U	1.48	1.21	2.94	2.6B*	50U	20.0U	20.0U	25.0	2.1J	1.7U	6.8J	4.8J	-	-	-
Copper	N	1300	-	46.8	-	-	-	-	-	-	-	-	20.4J	91	107	63.5	-	-	-
Ferrous Iron	N	NS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Iron	N	300	-	-	-	-	**239000**	-	-	-	-	-	**15700**	70J	287	**17300**	-	-	-
Iron	Y	300	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Lead	N	50	**438**	3.0U	0.957U	0.957U	0.957U	10.0U	6.8	3.0U	3.0U	3.0U	8.9U	8.9U	9.3U	9.3U	10.0U	10.0U	8.4U
Magnesium	N	NS	-	-	-	-	479000	-	-	-	-	-	575000	546000	545000	600000	-	-	-
Manganese	N	50	-	-	-	-	-	-	-	-	-	-	**558**	**350**	**476**	**805**	-	-	-
Mercury	N	2	0.53	0.20U	0.229	0.2U	0.2U	0.10U	0.20U	0.20U	0.20U	0.20U	0.079U	0.080U	0.16U	0.16U	-	-	-
Nickel	N	100	**174**	82.3	29.7	18.8	21.1	100	40U	13.00	38.0	38.0	6.7J	20J	17.1J	17.4	-	-	-
Potassium	N	NS	-	-	-	-	240000	-	-	-	-	-	185000	184000	193000	228000	-	-	-
Selenium	N	40	7.9	5.0U	20.5	5.29	2.04U	5.0U	5.0U	5.0U	5.0U	5.0U	4.8U	4.8U	4.7U	4.7U	-	-	-
Silver	N	40	-	10U	-	-	-	-	-	-	-	-	1.4U	1.4U	1.8U	1.8U	-	-	-
Sodium	N	50000	-	-	-	-	**239000**	-	-	-	-	-	**4600000**	**4720000**	**4580000**	**4630000**	-	-	-
Thallium	N	2	-	-	-	-	-	-	-	-	-	-	**11.0J**	9.5U	8.9U	8.9U	-	-	-
Vanadium	N	NS	50U	50U	0.930	0.189U	0.189U	1.0U	50U	20.0U	20.0U	20.0U	1.7U	1.7U	1.7U	1.7U	-	-	-
Zinc	N	2000	-	385	-	-	-	-	-	-	-	-	142	280	236	158	-	-	-

Notes:
J = Estimated value
mg/kg = Milligrams per kilogram
NA = No criterion available for the analyte
U = Compound not detected at the reporting level shown
UJ = Compound not detected and value shown is estimated
ug/l = Micrograms per liter
Levels highlighted in yellow are above the soil action level

Attachment 2 - Groundwater Results
Summary of Target Analyte List Metals Results - SWMU 31 41
Justification for No Further Action
Former Chevron Perth Amboy Facility - Perth Amboy, New Jersey

		Location ID	MW-0030	MW-0030	MW-0030	MW-0030	MW-0030	MW-0030	MW-0030	MW-0030	MW-0030	MW-0030	MW-0030	MW-0030	MW-0030	MW-0030	MW-0030	MW-0030	MW-0030	MW-0030	MW-0030
		Sample Date	11/01/2005	11/13/2006	05/24/2007	11/29/2007	06/26/2008	10/13/2008	06/23/2009	11/16/2009	05/10/2010	10/05/2010	05/31/2011	11/09/2011	02/13/2012	08/06/2012	03/04/2013	09/23/2013	06/02/2014	11/06/2014	06/29/2015
		Field Sample ID	M030C1	M030C3	M030C4	M030C5	M030C6	M030C7	M030C8	M030C9	M030D1	M030D2	M030D3	M030D4	M030D5	M030D6	M030D7	M030D8	M030D9	M030E1	M030E2
		SDG	965777	1014239	1040018	1067672	1098093	1114995	1150741	RFS20	RFS42	RFS69	RFT26	RFT85	RFU10	RFV25	RFX90	CS014	CS108	CS183	CS256
		Report Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
		Sample Type	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
		Sample Matrix	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER
		Sample Purpose	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG
Parameter Name	**Filtered**	**GW Action Levels**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**
Aluminum	N	200	-	-	-	-	80.2U	80.2U	80.2U	87.3J	80.2U	83.4U	83.4U	401U	80.1U	74.3U	140J	82.8U	82.8U	67.4U	67.4U
Antimony	N	6	-	-	-	-	9.7U	9.7U	9.7U	9.7U	9.7U	10.0U	10.0U	5.8U	5.8U	**7.4J**	2.4	0.86J	0.68J	0.66U	0.78U
Arsenic	N	60	9.3U	10U	10.0U	10.0U	10.2U	10.2U	7.2U	7.2U	8.2J	9.8U	9.8U	5.1U	5.1U	2.0J	3.1	2.5	3.7	0.89J	2.7
Arsenic	Y	60	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.6J	2.8	2.8	0.82U	2.5
Barium	N	6000	-	-	-	-	83.4	72.3	138	115	95.0	131	75.5	152	96.0	139	98.9	141	149	167	122
Beryllium	N	1	-	-	-	-	0.90U	0.90U	1.4U	1.4U	1.4U	1.4U	1.4U	0.24U	0.24U	0.67U	0.67U	0.67U	0.67U	0.67U	0.67U
Cadmium	N	4	-	-	-	-	2.0U	2.0U	2.0U	2.0U	2.0U	2.0U	2.0U	1.3J	0.82J	0.59J	0.36U	0.76U	0.76U	0.33U	0.33U
Calcium	N	NS	-	-	-	-	193000	186000	222000	244000	194000	245000	182000	194000	188000	240000	221000	246000	205000	253000	188000
Chromium	N	70	-	-	-	-	3.0U	3.0U	3.4U	3.4U	3.4U	3.4U	3.4U	1.3J	1.1U	1.4J	1.1U	2.4J	1.6U	2.6J	2.4J
Cobalt	N	NS	-	-	-	-	2.1U	4.3J	2.5J	2.1U	2.1U	2.3U	2.3U	2.1J	2.1J	2.6J	0.66U	3.0J	1.5J	1.5J	1.0U
Copper	N	1300	-	-	-	-	329	29.9	23.9	50.9	24.7	38.1BJ	29.8	20.6	24.1	24.3	28.0	65.6	12.4	5.5J	36.0
Ferrous Iron	N	NS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Iron	N	300	-	-	-	-	**4020**	**2610**	**8670**	**2560**	**2280**	**4210**	124J	**1280**	**400**	**5880**	**2340**	**5940**	**5360**	**1100**	**4830**
Iron	Y	300	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**1860**	**5460**	**4690**	97.5J	**3810**
Lead	N	50	8.4U	6.9U	6.9U	6.9U	6.9U	6.9U	6.9U	6.9U	6.9U	6.9U	6.9U	2.2U	2.2U	5.1U	8.4	1.3	3.9	0.69J	1.5
Magnesium	N	NS	-	-	-	-	528000	551000	614000	657000	468000	492000	465000	500000	495000	489000	718000	641000	466000	671000	374000
Manganese	N	50	-	-	-	-	**277**	**209**	**261**	**190**	**117**	**457**	37.7	**300**	30.0	**474**	**193**	**341**	**282**	**371**	**224**
Mercury	N	2	-	-	-	-	0.056U	0.056U	0.056U	0.056U	0.056U	0.056U	0.046U	0.026U	0.026U	0.013J	0.070U	0.060U	0.060U	0.060U	0.050U
Nickel	N	100	-	-	-	-	5.6U	8.5J	5.9J	5.1J	5.8J	7.6J	4.4J	9.1J	9.0J	6.4J	11.9	7.0J	6.9J	3.4J	1.6U
Potassium	N	NS	-	-	-	-	270000	227000	226000	213000	160000	215000	159000	167000	166000	234000	212000	204000	159000	230000	147000
Selenium	N	40	-	-	-	-	10.7U	10.7U	8.9U	8.9U	8.9U	8.9U	8.9U	6.9U	6.9U	7.5U	19.2J	8.4U	8.4U	4.8U	4.8U
Silver	N	40	-	-	-	-	2.2U	2.2U	2.3U	2.3U	2.3U	2.3U	2.3U	0.91U	1.5J	1.2U	1.2U	2.1U	2.1U	1.8U	1.8U
Sodium	N	50000	-	-	-	-	**4770000**	**4690000**	**5340000**	**5770000**	**4350000**	**5360000**	**4140000**	**4430000**	**3850000**	**5430000**	**4600000**	**5800000**	**4380000**	**6360000**	**3670000**
Thallium	N	2	-	-	-	-	14.0U	14.0U	14.0U	14.0U	14.0U	14.0U	14.0U	**4.5J**	**5.2J**	28.5U	0.15U	0.15U	0.15U	0.15U	0.15U
Vanadium	N	NS	-	-	-	-	2.5U	2.5U	2.5U	2.5U	2.5U	2.5U	2.5U	0.96U	0.96U	1.3U	1.3U	2.0U	2.0U	1.9U	1.9U
Zinc	N	2000	-	-	-	-	60.3	49.2	46.4	102	102	63.3	60.3	72.6	102	43.0	170	19.0J	27.6	237	26.0

Notes:
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Levels highlighted in yellow are above the soil action level

		Location ID	MW-0030	MW-0030	MW-0031	MW-0031	MW-0031	MW-0031	MW-0031	MW-0031	MW-0031	MW-0031	MW-0031	MW-0031	MW-0031	MW-0031	MW-0031	MW-0031	MW-0031	MW-0031	MW-0031
		Sample Date	09/29/2015	03/09/2016	04/08/1997	09/16/1997	09/11/1998	02/19/1999	10/05/1999	02/01/2000	11/17/2000	02/05/2002	07/31/2002	08/08/2002	12/03/2002	03/13/2003	06/11/2003	08/28/2003	06/14/2004	10/04/2004	06/08/2005
		Field Sample ID	M030E3	M030E4	MW-0031-A1	MW-0031-A2	M031A3X	M031A4	M031A5	M031A6	M031A7	M031A9	M031B2	M031B2TX	M031B3X	M031B4X	M031B5	M031B6	M031B7	M031B8	M031B9
		SDG	CS292	CS371	E20285	E25691	E39319	90656	93965	00399	B2465	270693	295373	296626	RFE43	RFE67	RFE76	RFE85	RFF14	RFF27	946781
		Report Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
		Sample Type	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
		Sample Matrix	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER
		Sample Purpose	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG
Parameter Name	**Filtered**	**GW Action Levels**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**
Aluminum	N	200	84.1U	92.9U	-	-	-	-	-	**500000**	-	-	-	-	47.7U	48U	41.3U	41.3U	-	-	-
Antimony	N	6	0.99J	2.5	5U	5	5.0U	2.39U	2.39U	2.39U	5.0U	5.0U	5.0U	5.0U	9.9U	9.9U	8.5U	8.5U	-	-	-
Arsenic	N	60	3.8J	1.8J	14	29.4	5.4	5.32	4.18U	7.46	2.9B*	5.0U	5.0U	15.0	4.9U	4.9U	4.9U	4.9U	4.7U	4.7U	9.3U
Arsenic	Y	60	3.7J	1.9J	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Barium	N	6000	216	67.5	669	771	339	401	418	312	326	343.0	406	535	364	380	470	628	-	-	-
Beryllium	N	1	0.70U	1.1U	5U	5U	5.0U	0.450	0.440	0.177U	0.50U	4.0U	4.0U	4.0U	0.50U	0.50U	0.34U	0.34U	-	-	-
Cadmium	N	4	0.30U	0.64U	4U	4U	4.0U	0.380	0.670	0.19U	0.50U	1.000	1.0U	1.00	0.94U	0.94U	0.87U	0.87U	-	-	-
Calcium	N	NS	309000	216000	-	-	-	-	-	493000	-	-	-	-	89000	79300	126000	125000	-	-	-
Chromium	N	70	2.8J	2.0U	10U	26.3	10U	2.76	11.0	2.85	4.2B*	17.00	8.00	10.0	2.0U	2.0U	2.2U	2.2U	-	-	-
Cobalt	N	NS	6.0	0.90U	50U	50U	50U	0.347U	0.347U	0.500	1.0U	20.0U	20.0U	20.0U	1.7U	1.7U	1.6U	1.6U	-	-	-
Copper	N	1300	72.6	58.9	-	-	25U	-	-	-	-	-	-	-	2.6U	2.6U	2.1U	2.1U	-	-	-
Ferrous Iron	N	NS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Iron	N	300	**6100**	**2200**	-	-	-	-	-	**245000**	-	-	-	-	**5570**	**23100**	**11700**	**14400**	-	-	-
Iron	Y	300	**5180**	**2330**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Lead	N	50	2.0	0.34J	**116**	**58.5**	3.0U	0.957U	0.957U	1.32	10.0U	3.0U	4.00	3.0U	8.9U	8.9U	9.3U	9.3U	10.0U	10.0U	8.4U
Magnesium	N	NS	770000	537000	-	-	-	-	-	487000	-	-	-	-	63100	53700	76100	77800	-	-	-
Manganese	N	50	**613**	**167**	-	-	-	-	-	-	-	-	-	-	**851**	**790**	**1940**	**1330**	-	-	-
Mercury	N	2	0.050UJ	0.050U	1.2	0.25	0.20U	0.222	0.2U	0.2U	0.10U	0.2U	0.20U	0.20U	0.079U	0.080U	0.16U	0.16U	-	-	-
Nickel	N	100	7.3J	2.5U	40U	40U	40U	4.35	9.02	5.24	6.5B*	16.00	10.0U	10.0U	1.9U	2.4J	3.8U	3.8U	-	-	-
Potassium	N	NS	258000	191000	-	-	-	-	-	244000	-	-	-	-	35000	21400	32200	39200	-	-	-
Selenium	N	40	8.2U	8.2U	5U	5U	5.0U	6.89	2.04U	2.04U	5.0U	5.0U	5.0U	5.0U	4.8U	4.8U	4.7U	4.7U	-	-	-
Silver	N	40	1.4U	1.8U	-	-	10U	-	-	-	-	-	-	-	1.4U	1.4U	1.8U	1.8U	-	-	-
Sodium	N	50000	**6280000**	**4780000**	-	-	-	-	-	**243000**	-	-	-	-	**782000**	**586000**	**782000**	**756000**	-	-	-
Thallium	N	2	0.15U	0.15U	-	-	-	-	-	-	-	-	-	-	9.5U	9.5U	8.9U	8.9U	-	-	-
Vanadium	N	NS	1.4U	2.3U	50U	50U	50U	0.260	0.280	0.189U	1.1B*	20.0U	20.0U	20.0U	1.7U	2.0J	1.7U	1.7U	-	-	-
Zinc	N	2000	159	659	-	-	125	-	-	-	-	-	-	-	4.9U	4.9U	4.1U	4.1U	-	-	-

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		Location ID	MW-0031	MW-0031	MW-0031	MW-0031	MW-0031	MW-0031	MW-0031	MW-0031	MW-0031	MW-0031	MW-0031	MW-0031	MW-0031	MW-0031	MW-0031R	MW-0031R	MW-0031R	MW-0031R	MW-0031R
		Sample Date	11/01/2005	11/15/2006	05/30/2007	11/29/2007	06/26/2008	10/13/2008	06/23/2009	11/16/2009	05/10/2010	10/05/2010	05/31/2011	11/09/2011	02/13/2012	08/06/2012	04/24/2013	09/23/2013	06/04/2014	11/06/2014	02/12/2015
		Field Sample ID	M031C1	M031C3	M031C4	M031C5	M031C6	M031C7	M031C8	M031C9	M031D1	M031D2	M031D3	M031D4	M031D5	M031D6	M031RA1	M031RA2	M031RA3	M031RA4	M031RA5
		SDG	965777	1014679	1040574	1067672	1098093	1114995	1150741	RFS20	RFS42	RFS69	RFT26	RFT85	RFU10	RFV25	RFZ13	CS014	CS109	CS183	CS201
		Report Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
		Sample Type	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
		Sample Matrix	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER
		Sample Purpose	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG
Parameter Name	**Filtered**	**GW Action Levels**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**
Aluminum	N	200	-	-	-	-	-	-	-	-	-	-	-	-	-	-	74.3U	82.8U	82.8U	67.4U	67.4U
Antimony	N	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.33U	0.34U	0.34U	0.33U	0.33U
Arsenic	N	60	9.3U	10U	10.0U	10.0U	10.2U	10.2U	7.2U	7.2U	7.2U	9.8U	9.8U	5.1U	5.1U	0.94J	6.7	6.5	7.8	6.8	5.2
Arsenic	Y	60	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6.7	5.8	6.8	4.6	5.1
Barium	N	6000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	788	712	871	1000	982
Beryllium	N	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.67U	0.67U	0.67U	0.67U	0.67U
Cadmium	N	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.36U	0.76U	0.76U	0.33U	0.33U
Calcium	N	NS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	127000	111000	104000	121000	107000
Chromium	N	70	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.1U	1.7J	1.6U	1.3U	1.3U
Cobalt	N	NS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.66U	1.3U	1.3U	1.0U	1.0U
Copper	N	1300	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.1U	2.7U	2.7U	2.8U	2.8U
Ferrous Iron	N	NS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Iron	N	300	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**17400**	**9620**	**14800**	**9640**	**14900**
Iron	Y	300	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**17300**	**6280**	**12900**	**6060**	**13900**
Lead	N	50	8.4U	6.9U	6.9U	6.9U	6.9U	6.9U	6.9U	6.9U	6.9U	6.9U	6.9U	2.2U	2.2U	5.1U	0.25J	0.25J	0.085U	0.082U	0.082U
Magnesium	N	NS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	57800	57600	45600	58600	47900
Manganese	N	50	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**667**	**432**	**458**	**444**	**400**
Mercury	N	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.070U	0.060U	0.060U	0.060U	0.050U
Nickel	N	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.1U	1.5U	1.5U	1.6U	1.9J
Potassium	N	NS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	14500	22700	16000	20300	11600
Selenium	N	40	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7.5U	8.4U	8.4U	4.8U	4.8U
Silver	N	40	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.2U	2.1U	2.1U	1.8U	1.8U
Sodium	N	50000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**524000**	**638000**	**494000**	**592000**	**443000**
Thallium	N	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.15U	0.15U	0.15U	0.15U	0.15U
Vanadium	N	NS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.3U	2.0U	2.0U	1.9U	1.9U
Zinc	N	2000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.0U	2.4J	2.2U	2.7J	3.3J

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ug/l = Micrograms per liter
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		Location ID	MW-0031R	MW-0031R	MW-136	MW-136	MW-136	MW-136	MW-136	MW-136	MW-136	MW-136	MW-136	MW-136	MW-136	MW-136	MW-136	MW-136	MW-136	MW-136	MW-136
		Sample Date	09/29/2015	03/09/2016	11/25/2002	11/26/2002	02/11/2003	06/12/2003	08/29/2003	10/06/2004	06/09/2005	11/02/2005	11/13/2006	05/24/2007	11/29/2007	06/30/2008	10/13/2008	06/23/2009	11/16/2009	05/10/2010	10/05/2010
		Field Sample ID	M031RA6	M031RA7	M136A1Y	M136A1X	M136A2X	M136A3	M136A4	M136A5	M136A6	M136A7	M136A9	M136B1	M136B2	M136B3	M136B4	M136B5	M136B6	M136B7	M136B8
		SDG	CS292	CS371	RFE42	RFE42	RFE64	RFE76	RFE85	RFF28	947003	965984	1014239	1040018	1067672	1098780	1114995	1150741	RFS20	RFS42	RFS69
		Report Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
		Sample Type	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
		Sample Matrix	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER
		Sample Purpose	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG
Parameter Name	**Filtered**	**GW Action Levels**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**
Aluminum	N	200	**466**	**1080**	47.7U	-	75J	41.3U	59.4J	-	-	-	-	-	-	-	-	-	-	-	-
Antimony	N	6	0.33U	0.33U	9.9U	-	9.9U	8.5U	8.5U	-	-	-	-	-	-	-	-	-	-	-	-
Arsenic	N	60	9.4	7.6	4.9U	-	4.9U	6.5J	4.9U	5.5J	22.4	12.2J	10U	10.0U	10.0U	10.2U	10.2U	7.2U	7.2U	7.2U	9.8U
Arsenic	Y	60	7.5	5.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Barium	N	6000	731	577	1260	-	1900	966	1260	-	-	-	-	-	-	-	-	-	-	-	-
Beryllium	N	1	0.70U	1.1U	0.50U	-	0.50U	0.34U	0.34U	-	-	-	-	-	-	-	-	-	-	-	-
Cadmium	N	4	0.30U	0.64U	1.8J	-	0.94U	0.95J	0.87U	-	-	-	-	-	-	-	-	-	-	-	-
Calcium	N	NS	95800	60300	80200	-	85100	233000	121000	-	-	-	-	-	-	-	-	-	-	-	-
Chromium	N	70	2.4J	2.5J	2.0U	-	2.0U	2.2U	2.2U	-	-	-	-	-	-	-	-	-	-	-	-
Cobalt	N	NS	1.3J	0.90U	1.7U	-	1.7U	1.9J	1.6U	-	-	-	-	-	-	-	-	-	-	-	-
Copper	N	1300	2.5U	6.0J	2.6U	-	2.6U	2.1J	2.1U	-	-	-	-	-	-	-	-	-	-	-	-
Ferrous Iron	N	NS	-	-	-	1300	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Iron	N	300	**8740**	**10200**	**48100**	-	**32200**	**88400**	**45600**	**71700J**	**110000**	**46000**	**9620**	**108000**	**10200**	**7340**	**4630**	**99300**	**11800**	**61700**	**7430**
Iron	Y	300	**5220**	**6130**	-	-	-	-	-	**58300J**	**110000**	**49900**	**3370**	**76300**	**3950**	**939**	251	**84700**	**4980**	**59400**	**547**
Lead	N	50	1.1	1.9	8.9U	-	8.9U	9.3U	9.3U	10.0U	8.4U	8.4U	6.9U	6.9U	6.9U	-	-	-	6.9U	-	-
Magnesium	N	NS	54500	27900	149000	-	111000	161000	166000	-	-	-	-	-	-	-	-	-	-	-	-
Manganese	N	50	**370**	**292**	**1110**	-	**970**	**1610**	**959**	-	-	-	-	-	-	-	-	-	-	-	-
Mercury	N	2	0.050UJ	0.050U	0.079U	-	0.080U	0.16U	0.16U	-	-	-	-	-	-	-	-	-	-	-	-
Nickel	N	100	1.3U	2.5U	1.9U	-	1.9U	3.8U	3.8U	-	-	-	-	-	-	-	-	-	-	-	-
Potassium	N	NS	25000	10800	64000	-	51800	48900	74800	-	-	-	-	-	-	-	-	-	-	-	-
Selenium	N	40	8.2U	8.2U	4.8U	-	4.8U	4.7U	4.7U	-	-	-	-	-	-	-	-	-	-	-	-
Silver	N	40	1.4U	1.8U	1.4U	-	1.4U	1.8U	1.8U	-	-	-	-	-	-	-	-	-	-	-	-
Sodium	N	50000	**588000**	**317000**	**1450000**	-	**1080000**	**1610000**	**1530000**	-	-	-	-	-	-	-	-	-	-	-	-
Thallium	N	2	0.15U	0.15U	9.5U	-	9.5U	8.9U	8.9U	-	-	-	-	-	-	-	-	-	-	-	-
Vanadium	N	NS	1.4U	2.9J	1.7U	-	1.7U	1.7U	1.7U	-	-	-	-	-	-	-	-	-	-	-	-
Zinc	N	2000	4.6J	5.4J	4.9U	-	4.9U	10.6J	4.1U	-	-	-	-	-	-	-	-	-	-	-	-

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ug/l = Micrograms per liter
Levels highlighted in yellow are above the soil action level

		Location ID	MW-136	MW-136	MW-136	MW-136	MW-136	MW-136	MW-237	MW-237	MW-237	MW-237	MW-237	MW-237	MW-237	MW-237	MW-237	MW-237	MW-237	MW-237	MW-237
		Sample Date	06/02/2011	02/13/2012	03/04/2013	06/02/2014	09/29/2015	02/15/2016	10/31/2006	12/06/2006	05/10/2007	11/29/2007	07/02/2008	10/13/2008	06/23/2009	11/16/2009	05/10/2010	10/05/2010	06/02/2011	02/13/2012	03/04/2013
		Field Sample ID	M136B9	M136C1	M136C2	M136C3	M136C4	M136C5	M237A1	M237A2	M237A3	M237A4	M237A5	M237A6	M237A7	M237A8	M237A9	M237B1	M237B2	M237B3	M237B4
		SDG	RFT27	RFU10	RFX90	CS108	CS292	CS357	1012219	1017222	1037974	1067672	1099204	1114995	1150741	RFS20	RFS42	RFS69	RFT27	RFU10	RFX90
		Report Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
		Sample Type	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
		Sample Matrix	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER
		Sample Purpose	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG
Parameter Name	**Filtered**	**GW Action Levels**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**
Aluminum	N	200	-	-	74.3U	82.8U	84.1U	149J	**4520J**	**3140**	80.2U	80.2U	80.2U	80.2U	-	-	-	-	-	-	74.3U
Antimony	N	6	-	-	0.33U	0.34U	0.33U	1.7U	9.7U	9.7U	9.7U	9.7U	9.7U	9.7U	-	-	-	-	-	-	0.68J
Arsenic	N	60	9.8U	5.1U	1.2J	1.1J	1.5U	2.7U	17.9J	40.4	10U	10.0U	10.2U	13.0J	7.2U	16.4J	36.0U	49.0U	9.8U	5.1U	5.3
Arsenic	Y	60	-	-	0.88J	0.95J	1.2U	2.7U	-	-	-	-	-	-	-	-	-	-	-	-	4.2
Barium	N	6000	-	-	1160	2090	904	176	1360J	811	883	725	1040	1050	-	-	-	-	-	-	1130
Beryllium	N	1	-	-	0.67U	0.67U	0.70U	1.1U	0.94U	0.94U	0.94U	0.90U	0.90U	0.90U	-	-	-	-	-	-	0.67U
Cadmium	N	4	-	-	0.36U	0.76U	0.30U	0.64U	0.94J	0.91U	0.91U	0.90U	2.0U	2.0U	-	-	-	-	-	-	0.36U
Calcium	N	NS	-	-	184000	113000	252000	106000	327000J	369000	371000	303000	299000	273000	-	-	-	-	-	-	367000
Chromium	N	70	-	-	1.4J	1.6J	2.0J	2.0U	9.6J	2.5J	2.3U	2.3U	3.0U	3.0U	-	-	-	-	-	-	3.4J
Cobalt	N	NS	-	-	0.66U	1.3U	3.7J	5.8	5.4J	2.1U	2.1U	2.1U	2.1U	4.0J	2.1U	2.6J	10.5U	11.5U	11.5U	2.3J	0.66U
Copper	N	1300	-	-	2.1U	2.7U	2.5U	3.2U	7.1J	2.2U	2.2U	5.9J	2.7U	2.7U	-	-	-	-	-	-	2.1U
Ferrous Iron	N	NS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Iron	N	300	-	-	**66900**	**40500**	**9580**	**8050**	**31100J**	**25700**	**12900**	**5520**	**11900**	**19300**	**15000**	**19900**	**17100**	**11300**	-	-	**8060**
Iron	Y	300	-	-	**68500**	**33700**	**4720**	**8170**	-	-	-	-	**11700**	**18500**	**13300**	**18200**	**11900**	**11400**	-	-	**4200**
Lead	N	50	-	-	0.11J	0.16J	0.13U	0.65U	6.9U	6.9U	6.9U	6.9U	6.9U	6.9U	6.9U	6.9U	34.5U	34.5U	34.5U	2.2U	0.23J
Magnesium	N	NS	-	-	343000	79000	495000	235000	1230000J	1140000	1140000	1230000	1150000	1060000	-	-	-	-	-	-	1290000
Manganese	N	50	-	-	**1020**	**1230**	**567**	**350**	**354J**	**285**	**293**	**187**	**182**	**156**	-	-	-	-	-	-	**189**
Mercury	N	2	-	-	0.070U	0.060U	0.050UJ	0.050U	0.056U	0.056U	0.056U	0.11J	0.056U	0.11J	-	-	-	-	-	-	0.070U
Nickel	N	100	-	-	1.1U	1.5U	3.2J	3.2J	5.6U	5.6U	5.6U	5.6U	5.6U	5.6U	-	-	-	-	-	-	5.0J
Potassium	N	NS	-	-	89800	31100	140000	82800	350000J	321000	266000	391000	416000	337000	-	-	-	-	-	-	325000
Selenium	N	40	-	-	9.9J	8.4U	8.2U	8.2U	9.4U	9.4U	9.4U	9.4J	10.7U	10.7U	-	-	-	-	-	-	24.2
Silver	N	40	-	-	1.3J	2.1U	1.4U	1.8U	1.6U	1.6U	1.6U	1.6U	2.2U	2.2U	-	-	-	-	-	-	1.2U
Sodium	N	50000	-	-	**2870000**	**997000**	**3820000**	**2170000**	**7990000J**	**8790000**	**8690000**	**8160000**	**8290000**	**7740000**	-	-	-	-	-	-	**9000000**
Thallium	N	2	-	-	0.15U	0.15U	0.15U	0.75U	13.5U	13.5U	13.5U	10.5U	14.0U	14.0U	-	-	-	-	-	-	0.15U
Vanadium	N	NS	-	-	1.3U	2.0U	1.4U	2.3U	14.2J	13.8	6.8	1.9J	4.6J	2.5U	-	-	-	-	-	-	1.3U
Zinc	N	2000	-	-	4.7J	2.6J	5.5J	9.6UJ	26.2J	19.5J	12.0J	8.1U	8.1U	8.1U	-	-	-	-	-	-	8.7J

Notes:
J = Estimated value
mg/kg = Milligrams per kilogram
NA = No criterion available for the analyte
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Levels highlighted in yellow are above the soil action level

		Location ID	MW-237	MW-237	MW-237	RW-11	RW-11	RW-11	RW-11	RW-11	RW-11	RW-11	RW-11
		Sample Date	06/02/2014	09/29/2015	02/15/2016	06/14/2005	11/15/2005	06/26/2006	11/27/2006	05/30/2007	07/31/2008	06/23/2009	06/28/2010
		Field Sample ID	M237B5	M237B6	M237B7	R011A1	R011A2	R011A3	R011A4	R011A5	R011A6	R011A7	R011A8
		SDG	CS108	CS292	CS357	947574	967750	995245	1015744	1040574	1103488	1150741	RFS51
		Report Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
		Sample Type	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
		Sample Matrix	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER
		Sample Purpose	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG
Parameter Name	**Filtered**	**GW Action Levels**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**
Aluminum	N	200	82.8U	84.1U	92.9U	-	-	-	-	-	-	-	-
Antimony	N	6	0.34U	0.33U	3.3U	-	-	-	-	-	-	-	-
Arsenic	N	60	5.9	5.0J	5.4U	-	-	-	-	-	-	-	-
Arsenic	Y	60	5.6	5.1J	5.4U	-	-	-	-	-	-	-	-
Barium	N	6000	1250	1280	1180	-	-	-	-	-	-	-	-
Beryllium	N	1	0.67U	0.70U	1.1U	-	-	-	-	-	-	-	-
Cadmium	N	4	0.76U	0.30U	0.64U	-	-	-	-	-	-	-	-
Calcium	N	NS	342000	383000	347000	-	-	-	-	-	-	-	-
Chromium	N	70	4.6J	4.9J	3.5J	-	-	-	-	-	-	-	-
Cobalt	N	NS	1.3U	5.2	6.6	-	-	-	-	-	-	-	-
Copper	N	1300	2.7U	2.5U	3.2U	-	-	-	-	-	-	-	-
Ferrous Iron	N	NS	-	-	-	-	-	-	-	-	-	-	-
Iron	N	300	**11400**	**8230**	**8820**	**32500**	**26500**	**16100J**	**34500**	**15200**	**25600**	**4920**	**25500**
Iron	Y	300	**10300**	**8050**	**6530**	**32900**	**27700**	**16400J**	**31900**	**15700**	**25500**	**17100**	**25300**
Lead	N	50	0.085U	0.13U	1.3U	-	-	-	-	-	-	-	-
Magnesium	N	NS	1090000	1160000	1110000	-	-	-	-	-	-	-	-
Manganese	N	50	**193**	**196**	**186**	-	-	-	-	-	-	-	-
Mercury	N	2	0.060U	0.050UJ	0.050U	-	-	-	-	-	-	-	-
Nickel	N	100	1.5U	1.4J	2.5U	-	-	-	-	-	-	-	-
Potassium	N	NS	317000	307000	338000	-	-	-	-	-	-	-	-
Selenium	N	40	8.4U	8.2U	8.2U	-	-	-	-	-	-	-	-
Silver	N	40	2.1U	1.4U	1.8U	-	-	-	-	-	-	-	-
Sodium	N	50000	**8760000**	**8930000**	**8610000**	-	-	-	-	-	-	-	-
Thallium	N	2	0.15U	0.15U	1.5U	-	-	-	-	-	-	-	-
Vanadium	N	NS	2.0U	1.6J	2.3U	-	-	-	-	-	-	-	-
Zinc	N	2000	3.3J	3.9U	3.9U	-	-	-	-	-	-	-	-

Notes:
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		Location ID	H0903	HP-0080	MW-0030	MW-0030	MW-0030	MW-0030	MW-0030	MW-0030	MW-0030	MW-0030	MW-0030	MW-0030	MW-0030
		Sample Date	01/21/2003	08/20/1997	04/08/1997	09/09/1998	09/10/1998	02/19/1999	10/04/1999	02/01/2000	11/09/2000	03/28/2001	01/29/2002	07/31/2002	08/14/2002
		Field Sample ID	H0903	HP0080A	MW-0030-A1	M030A3X	M030A3Y	M030A4	M030A5	M030A6	M030A7X	M030A8	M030A9	M030B2	M030B2T
		SDG	LNA10	73787	E20285	E39280	E39280	90656	93965	00399	B2465	E88311	269988	295373	297195
		Report Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
		Sample Type	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
		Sample Matrix	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER
		Sample Purpose	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG
Parameter Name	**Filtered**	**GW Action Levels**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**
1,1 Dichloroethene	N	1	0.8U	-	-	-	-	-	-	-	-	-	-	-	-
1,1,1-Trichloroethane	N	30	0.8U	-	-	-	-	-	-	-	-	-	-	-	-
1,1,2,2-Tetrachloroethane	N	1	1U	-	-	-	-	-	-	-	-	-	-	-	-
1,1,2-Trichloroethane	N	3	0.8U	-	-	-	-	-	-	-	-	-	-	-	-
1,1,2-Trichlorotrifluoroethane (Freon 113)	N	NS	2U	-	-	-	-	-	-	-	-	-	-	-	-
1,1-Dichloroethane	N	50	1U	-	-	-	-	-	-	-	-	-	-	-	-
1,2,4-Trichlorobenzene	N	9	1U	-	-	-	-	-	-	-	-	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	N	0.02	2U	-	-	-	-	-	-	-	-	-	-	-	-
1,2-Dibromoethane	N	NS	1U	0.52U	0.36U	5.0U	-	0.5U	0.52U	0.52U	0.5U	2.0U	1.00U	1.00U	2.00U
1,2-Dichlorobenzene (o-Dichlorobenzene)	N	600	1U	10U	1.1U	-	5.9U	13U	11U	10U	0.4	2.2U	10.0U	12.5U	11.1U
1,2-Dichloroethane	N	2	1U	2.0U	0.85U	2.0U	-	2U	2.0U	2.0U	-	2.0U	1.00U	1.00U	2.00U
1,2-Dichloropropane	N	1	1U	-	-	-	-	-	-	-	-	-	-	-	-
1,3-Dichlorobenzene	N	600	1U	10U	1.5U	-	5.9U	13U	11U	10U	12U	2.2U	10.0U	12.5U	11.1U
1,4-Dichlorobenzene	N	75	1U	10U	1.5U	-	5.9U	13U	11U	10U	12U	2.2U	10.0U	12.5U	11.1U
2-Butanone (Methyl ethyl ketone)	N	300	3U	10U	1U	5.0U	-	10U	10U	10U	10U	5.0U	2.00U	50.0U	50.0U
2-Hexanone	N	NS	3U	-	-	-	-	-	-	-	-	-	-	-	-
4-Methyl-2-pentanone	N	NS	3U	-	-	-	-	-	-	-	-	-	-	-	-
Acetone	N	6000	6U	74	-	-	-	-	-	-	-	-	-	-	-
Benzene	N	100	0.5J	6	0.47U	1.0U	-	1U	1.0U	1.0U	1U	1.0U	1.00U	1.0U	2.0U
Bromodichloromethane	N	1	1U	-	-	-	-	-	-	-	-	-	-	-	-
Bromoform	N	4	1U	-	-	-	-	-	-	-	-	-	-	-	-
Bromomethane (Methyl bromide)	N	10	1U	-	-	-	-	-	-	-	-	-	-	-	-
Carbon Dioxide	N	NS	-	-	-	-	-	-	-	-	-	-	-	-	-
Carbon disulfide	N	700	1U	5.0U	1U	5.0U	-	5U	5.0U	5.0U	5U	5.0U	1.00U	1.00U	2.00U
Carbon Tetrachloride	N	1	1U	-	-	-	-	-	-	-	-	-	-	-	-
Chlorobenzene	N	50	0.8U	4.0U	0.4U	4.0U	-	4U	4.0U	4.0U	4U	2.0U	1.00U	1.00U	2.00U
Chloroethane	N	NS	1U	-	-	-	-	-	-	-	-	-	-	-	-
Chloroform	N	70	0.8U	5.0U	0.44U	5.0U	-	5U	5.0U	5.0U	5U	5.0U	1.00U	1.00U	2.00U
Chloromethane (Methyl chloride)	N	NS	1U	-	-	-	-	-	-	-	-	-	-	-	-
cis-1,2-Dichloroethene	N	70	0.8U	-	-	-	-	-	-	-	-	-	-	-	-
cis-1,3-Dichloropropene	N	NS	1U	-	-	-	-	-	-	-	-	-	-	-	-
Cyclohexane	N	NS	2U	-	-	-	-	-	-	-	-	-	-	-	-
Dibromochloromethane	N	1	1U	-	-	-	-	-	-	-	-	-	-	-	-
Dichlorodifluoromethane (Freon 12)	N	1000	2U	-	-	-	-	-	-	-	-	-	-	-	-
Ethylbenzene	N	700	0.8U	3	0.36U	5.0U	-	5U	5.0U	5.0U	5U	1.0U	1.00U	1.0U	2.0U

		Location ID	H0903	HP-0080	MW-0030	MW-0030	MW-0030	MW-0030	MW-0030	MW-0030	MW-0030	MW-0030	MW-0030	MW-0030	MW-0030
		Sample Date	01/21/2003	08/20/1997	04/08/1997	09/09/1998	09/10/1998	02/19/1999	10/04/1999	02/01/2000	11/09/2000	03/28/2001	01/29/2002	07/31/2002	08/14/2002
		Field Sample ID	H0903	HP0080A	MW-0030-A1	M030A3X	M030A3Y	M030A4	M030A5	M030A6	M030A7X	M030A8	M030A9	M030B2	M030B2T
		SDG	LNA10	73787	E20285	E39280	E39280	90656	93965	00399	B2465	E88311	269988	295373	297195
		Report Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
		Sample Type	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
		Sample Matrix	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER
		Sample Purpose	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG
Parameter Name	**Filtered**	**GW Action Levels**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**
Isopropylbenzene	N	NS	1U	-	-	-	-	-	-	-	-	-	-	-	-
Methane	N	NS	-	-	-	-	-	-	-	-	-	-	-	-	-
Methyl acetate	N	7000	1U	-	-	-	-	-	-	-	-	-	-	-	-
Methyl-t-butyl ether	N	70	0.5U	-	-	-	-	-	-	-	-	-	-	-	-
Methylcyclohexane	N	NS	1U	-	-	-	-	-	-	-	-	-	-	-	-
Methylene chloride (Dichloromethane)	N	3	2U	-	-	-	-	-	-	-	-	-	-	-	-
Styrene	N	100	1U	5.0U	0.37U	5.0U	-	5U	5.0U	5.0U	5U	5.0U	1.00U	1.00U	2.00U
Tetrachloroethene	N	1	0.8U	-	-	-	-	-	-	-	-	-	-	-	-
Toluene	N	600	0.7U	4	0.36U	5.0U	-	5U	5.0U	5.0U	5U	1.0U	1.00U	1.0U	2.0U
trans-1,2-Dichloroethene	N	100	0.8U	-	-	-	-	-	-	-	-	-	-	-	-
trans-1,3-Dichloropropene	N	NS	1U	-	-	-	-	-	-	-	-	-	-	-	-
Trichloroethene (Trichloroethylene)	N	1	1U	-	-	-	-	-	-	-	-	-	-	-	-
Trichlorofluoromethane (Freon 11)	N	2000	2U	-	-	-	-	-	-	-	-	-	-	-	-
Vinyl chloride (Chloroethene)	N	1	1U	-	1.3U	-	-	-	-	-	-	1.0U	-	-	-
Xylene (total)	N	1000	0.8U	16	0.62U	5.0U	-	5U	5.0U	5.0U	5U	5.0U	1.0U	1.0U	2.0U

Notes:
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NA = No criterion available for the analyte
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UJ = Compound not detected and value shown is estimated
ug/l = Micrograms per liter
Levels highlighted in yellow are above the soil action level

		Location ID	MW-0030	MW-0030	MW-0030	MW-0030	MW-0030	MW-0030	MW-0030	MW-0030	MW-0030	MW-0030	MW-0030	MW-0030	MW-0030	MW-0030
		Sample Date	12/05/2002	03/14/2003	06/19/2003	09/03/2003	10/07/2004	06/09/2005	11/02/2005	11/14/2006	05/25/2007	11/30/2007	06/26/2008	10/14/2008	06/24/2009	11/17/2009
		Field Sample ID	M030B3Y	M030B4Y	M030B5	M030B6	M030B8X	M030B9X	M030C1X	M030C3X	M030C4X	M030C5X	M030C6X	M030C7X	M030C8X	M030C9X
		SDG	RFE45	RFE67	RFE77	RFE85	RFF28	946781	965777	1014239	1040018	1067672	1098093	1114995	1150741	RFS20
		Report Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
		Sample Type	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
		Sample Matrix	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER
		Sample Purpose	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG
Parameter Name	**Filtered**	**GW Action Levels**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**
1,1 Dichloroethene	N	1	0.8U	0.8U	0.8U	0.8U	0.8U	0.8U	0.8U	0.8U	0.8U	0.8U	0.8U	0.8U	0.8U	0.8U
1,1,1-Trichloroethane	N	30	0.8U	0.8U	0.8U	0.8U	0.8U	0.8U	0.8U	0.8U	0.8U	0.8U	0.8U	0.8U	0.8U	0.8U
1,1,2,2-Tetrachloroethane	N	1	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U
1,1,2-Trichloroethane	N	3	0.8U	0.8U	0.8U	0.8U	0.8U	0.8U	0.8U	0.8U	0.8U	0.8U	0.8U	0.8U	0.8U	0.8U
1,1,2-Trichlorotrifluoroethane (Freon 113)	N	NS	2U	2U	2U	2U	2U	2U	2U	2U	2U	2U	2U	2U	2U	2U
1,1-Dichloroethane	N	50	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U
1,2,4-Trichlorobenzene	N	9	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U
1,2-Dibromo-3-chloropropane (DBCP)	N	0.02	2U	2U	2U	2U	2U	2U	2U	2U	2U	2U	2U	2U	2U	2U
1,2-Dibromoethane	N	NS	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U
1,2-Dichlorobenzene (o-Dichlorobenzene)	N	600	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U
1,2-Dichloroethane	N	2	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U
1,2-Dichloropropane	N	1	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U
1,3-Dichlorobenzene	N	600	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U
1,4-Dichlorobenzene	N	75	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U
2-Butanone (Methyl ethyl ketone)	N	300	3U	3U	3U	3U	3U	3U	3U	3U	3U	3U	3U	3U	3U	3U
2-Hexanone	N	NS	3U	3U	3U	3U	3U	3U	3U	3U	3U	3U	3U	3U	3U	3U
4-Methyl-2-pentanone	N	NS	3U	3U	3U	3U	3U	3U	3U	3U	3U	3U	3U	3U	3U	3U
Acetone	N	6000	6U	6U	6U	6U	6U	9J	6U	6U	6U	6U	6U	6U	6U	6U
Benzene	N	100	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U
Bromodichloromethane	N	1	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U
Bromoform	N	4	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U
Bromomethane (Methyl bromide)	N	10	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U
Carbon Dioxide	N	NS	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Carbon disulfide	N	700	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U
Carbon Tetrachloride	N	1	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U
Chlorobenzene	N	50	0.8U	0.8U	0.8U	0.8U	0.8U	0.8U	0.8U	0.8U	0.8U	0.8U	0.8U	0.8U	0.8U	0.8U
Chloroethane	N	NS	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U
Chloroform	N	70	0.8U	0.8U	0.8U	0.8U	0.8U	0.8U	0.8U	0.8U	0.8U	0.8U	0.8U	0.8U	0.8U	0.8U
Chloromethane (Methyl chloride)	N	NS	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U
cis-1,2-Dichloroethene	N	70	0.8U	0.8U	0.8U	0.8U	0.8U	0.8U	0.8U	0.8U	0.8U	0.8U	0.8U	0.8U	0.8U	0.8U
cis-1,3-Dichloropropene	N	NS	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U
Cyclohexane	N	NS	2U	2U	2U	2U	2U	2U	2U	2U	2U	2U	2U	2U	2U	2U
Dibromochloromethane	N	1	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U
Dichlorodifluoromethane (Freon 12)	N	1000	2U	2U	2U	2U	2U	2U	2U	2U	2U	2U	2U	2U	2U	2U
Ethylbenzene	N	700	0.8U	0.8U	0.8U	0.8U	0.8U	0.8U	0.8U	0.8U	0.8U	0.8U	0.8U	0.8U	0.8U	0.8U

		Location ID	MW-0030	MW-0030	MW-0030	MW-0030	MW-0030	MW-0030	MW-0030	MW-0030	MW-0030	MW-0030	MW-0030	MW-0030	MW-0030	MW-0030
		Sample Date	12/05/2002	03/14/2003	06/19/2003	09/03/2003	10/07/2004	06/09/2005	11/02/2005	11/14/2006	05/25/2007	11/30/2007	06/26/2008	10/14/2008	06/24/2009	11/17/2009
		Field Sample ID	M030B3Y	M030B4Y	M030B5	M030B6	M030B8X	M030B9X	M030C1X	M030C3X	M030C4X	M030C5X	M030C6X	M030C7X	M030C8X	M030C9X
		SDG	RFE45	RFE67	RFE77	RFE85	RFF28	946781	965777	1014239	1040018	1067672	1098093	1114995	1150741	RFS20
		Report Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
		Sample Type	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
		Sample Matrix	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER
		Sample Purpose	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG
Parameter Name	**Filtered**	**GW Action Levels**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**
Isopropylbenzene	N	NS	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U
Methane	N	NS	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Methyl acetate	N	7000	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U
Methyl-t-butyl ether	N	70	1J	1J	2J	1J	1J	1J	0.6J	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U
Methylcyclohexane	N	NS	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U
Methylene chloride (Dichloromethane)	N	3	2U	2U	2U	2U	2U	2U	2U	2U	2U	2U	2U	2U	2U	2U
Styrene	N	100	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U
Tetrachloroethene	N	1	0.8U	0.8U	0.8U	0.8U	0.8U	0.8U	0.8U	0.8U	0.8U	0.8U	0.8U	0.8U	0.8U	0.8U
Toluene	N	600	0.7U	0.7U	0.7U	0.7U	0.7U	0.7U	0.7U	0.7U	0.7U	0.7U	0.7U	0.7U	0.7U	0.7U
trans-1,2-Dichloroethene	N	100	0.8U	0.8U	0.8U	0.8U	0.8U	0.8U	0.8U	0.8U	0.8U	0.8U	0.8U	0.8U	0.8U	0.8U
trans-1,3-Dichloropropene	N	NS	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U
Trichloroethene (Trichloroethylene)	N	1	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U
Trichlorofluoromethane (Freon 11)	N	2000	2U	2U	2U	2U	2U	2U	2U	2U	2U	2U	2U	2U	2U	2U
Vinyl chloride (Chloroethene)	N	1	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U
Xylene (total)	N	1000	0.8U	0.8U	0.8U	0.8U	0.8U	0.8U	0.8U	0.8U	0.8U	0.8U	0.8U	0.8U	0.8U	0.8U

Notes:
J = Estimated value
mg/kg = Milligrams per kilogram
NA = No criterion available for the analyte
U = Compound not detected at the reporting level shown
UJ = Compound not detected and value shown is estimated
ug/l = Micrograms per liter
Levels highlighted in yellow are above the soil action level

		Location ID	MW-0030	MW-0030	MW-0030	MW-0030	MW-0030	MW-0030	MW-0030	MW-0030	MW-0030	MW-0030	MW-0030	MW-0030	MW-0030	MW-0030
		Sample Date	05/11/2010	05/11/2010	10/06/2010	06/01/2011	11/10/2011	02/14/2012	08/07/2012	03/05/2013	09/24/2013	06/03/2014	11/07/2014	06/30/2015	09/30/2015	03/10/2016
		Field Sample ID	D0511101	M030D1X	M030D2X	M030D3X	M030D4X	M030D5X	M030D6X	M030D7X	M030D8X	M030D9X	M030E1X	M030E2X	M030E3X	M030E4X
		SDG	RFS42	RFS42	RFS69	RFT26	RFT85	RFU10	RFV25	RFX90	CS014	CS108	CS183	CS256	CS292	CS371
		Report Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
		Sample Type	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
		Sample Matrix	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER
		Sample Purpose	FD	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG
Parameter Name	**Filtered**	**GW Action Levels**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**
1,1 Dichloroethene	N	1	0.8U	0.8U	0.8U	0.8U	0.8U	0.8U	0.8U	0.8U	0.8U	0.5U	0.5U	0.5U	0.5U	0.5U
1,1,1-Trichloroethane	N	30	0.8U	0.8U	0.8U	0.8U	0.8U	0.8U	0.8U	0.8U	0.8U	0.5U	0.5U	0.5U	0.5U	0.5U
1,1,2,2-Tetrachloroethane	N	1	1U	1U	1U	1U	1U	1U	1U	1U	1U	0.5U	0.5U	0.5U	0.5U	0.5U
1,1,2-Trichloroethane	N	3	0.8U	0.8U	0.8U	0.8U	0.8U	0.8U	0.8U	0.8U	0.8U	0.5U	0.5U	0.5U	0.5U	0.5U
1,1,2-Trichlorotrifluoroethane (Freon 113)	N	NS	2U	2U	2U	2U	2U	2U	2U	2U	2U	2U	2U	2U	2U	2U
1,1-Dichloroethane	N	50	1U	1U	1U	1U	1U	1U	1U	1U	1U	0.5U	0.5U	0.5U	0.5U	0.5U
1,2,4-Trichlorobenzene	N	9	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U
1,2-Dibromo-3-chloropropane (DBCP)	N	0.02	2U	2U	2U	2U	2U	2U	2U	2U	2U	2U	2U	2U	2U	2U
1,2-Dibromoethane	N	NS	1U	1U	1U	1U	1U	1U	1U	1U	1U	0.5U	0.5U	0.5U	0.5U	0.5U
1,2-Dichlorobenzene (o-Dichlorobenzene)	N	600	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U
1,2-Dichloroethane	N	2	1U	1U	1U	1U	1U	1U	1U	1U	1U	0.5U	0.5U	0.5U	0.5U	0.5U
1,2-Dichloropropane	N	1	1U	1U	1U	1U	1U	1U	1U	1U	1U	0.5U	0.5U	0.5U	0.5U	0.5U
1,3-Dichlorobenzene	N	600	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U
1,4-Dichlorobenzene	N	75	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U
2-Butanone (Methyl ethyl ketone)	N	300	3U	3U	3U	3U	3U	3U	3U	3U	3U	3U	3U	3U	3U	3U
2-Hexanone	N	NS	3U	3U	3U	3U	3U	3U	3U	3U	3U	3U	3U	3U	3U	3U
4-Methyl-2-pentanone	N	NS	3U	3U	3U	3U	3U	3U	3U	3U	3U	3U	3U	3U	3U	3U
Acetone	N	6000	6U	6U	6U	6U	6U	6U	6U	6U	6U	6U	6U	6U	6U	6U
Benzene	N	100	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U
Bromodichloromethane	N	1	1U	1U	1U	1U	1U	1U	1U	1U	1U	0.5U	0.5U	0.5U	0.5U	0.5U
Bromoform	N	4	1U	1U	1U	1U	1U	1U	1U	1U	1U	0.5U	0.5U	0.5U	0.5U	0.5U
Bromomethane (Methyl bromide)	N	10	1U	1U	1U	1U	1U	1U	1U	1U	1U	0.5U	0.5U	0.5U	0.5U	0.5U
Carbon Dioxide	N	NS	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Carbon disulfide	N	700	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U
Carbon Tetrachloride	N	1	1U	1U	1U	1U	1U	1U	1U	1U	1U	0.5U	0.5U	0.5U	0.5U	0.5U
Chlorobenzene	N	50	0.8U	0.8U	0.8U	0.8U	0.8U	0.8U	0.8U	0.8U	0.8U	0.5U	0.5U	0.5U	0.5U	0.5U
Chloroethane	N	NS	1U	1U	1U	1U	1U	1U	1U	1UJ	1U	0.5U	0.5U	0.5U	0.5U	0.5U
Chloroform	N	70	0.8U	0.8U	0.8U	0.8U	0.8U	0.8U	0.8U	0.8U	0.8U	0.5U	0.5U	0.5U	0.5U	0.5U
Chloromethane (Methyl chloride)	N	NS	1U	1U	1U	1U	1U	1U	1U	1U	1U	0.5U	0.5U	0.5U	0.5U	0.5U
cis-1,2-Dichloroethene	N	70	0.8U	0.8U	0.8U	0.8U	0.8U	0.8U	0.8U	0.8U	0.8U	0.5U	0.5U	0.5U	0.5U	0.5U
cis-1,3-Dichloropropene	N	NS	1U	1U	1U	1U	1U	1U	1U	1U	1U	0.5U	0.5U	0.5U	0.5U	0.5U
Cyclohexane	N	NS	2U	2U	2U	2U	2U	2U	2U	2U	2U	2U	2U	2U	2U	2U
Dibromochloromethane	N	1	1U	1U	1U	1U	1U	1U	1U	1U	1U	0.5U	0.5U	0.5U	0.5U	0.5U
Dichlorodifluoromethane (Freon 12)	N	1000	2U	2U	2U	2U	2U	2U	2U	2U	2U	0.5U	0.5U	0.5U	0.5U	0.5U
Ethylbenzene	N	700	0.8U	0.8U	0.8U	0.8U	0.8U	0.8U	0.8U	0.8U	0.8U	0.5U	0.5U	0.5U	0.5U	0.5U

		Location ID	MW-0030	MW-0030	MW-0030	MW-0030	MW-0030	MW-0030	MW-0030	MW-0030	MW-0030	MW-0030	MW-0030	MW-0030	MW-0030	MW-0030
		Sample Date	05/11/2010	05/11/2010	10/06/2010	06/01/2011	11/10/2011	02/14/2012	08/07/2012	03/05/2013	09/24/2013	06/03/2014	11/07/2014	06/30/2015	09/30/2015	03/10/2016
		Field Sample ID	D0511101	M030D1X	M030D2X	M030D3X	M030D4X	M030D5X	M030D6X	M030D7X	M030D8X	M030D9X	M030E1X	M030E2X	M030E3X	M030E4X
		SDG	RFS42	RFS42	RFS69	RFT26	RFT85	RFU10	RFV25	RFX90	CS014	CS108	CS183	CS256	CS292	CS371
		Report Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
		Sample Type	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
		Sample Matrix	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER
		Sample Purpose	FD	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG
Parameter Name	**Filtered**	**GW Action Levels**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**
Isopropylbenzene	N	NS	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U
Methane	N	NS	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Methyl acetate	N	7000	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U
Methyl-t-butyl ether	N	70	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U
Methylcyclohexane	N	NS	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U
Methylene chloride (Dichloromethane)	N	3	2U	2U	2U	2U	2U	2U	2U	2U	2U	2U	2U	2U	2U	2U
Styrene	N	100	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U
Tetrachloroethene	N	1	0.8U	0.8U	0.8U	0.8U	0.8U	0.8U	0.8U	0.8U	0.8U	0.5U	0.5U	0.5U	0.5U	0.5U
Toluene	N	600	0.7U	0.7U	0.7U	0.7U	0.7U	0.7U	0.7U	0.7U	0.7U	0.5U	0.5U	0.5U	0.5U	0.5U
trans-1,2-Dichloroethene	N	100	0.8U	0.8U	0.8U	0.8U	0.8U	0.8U	0.8U	0.8U	0.8U	0.5U	0.5U	0.5U	0.5U	0.5U
trans-1,3-Dichloropropene	N	NS	1U	1U	1U	1U	1U	1U	1U	1U	1U	0.5U	0.5U	0.5U	0.5U	0.5U
Trichloroethene (Trichloroethylene)	N	1	1U	1U	1U	1U	1U	1U	1U	1U	1U	0.5U	0.5U	0.5U	0.5U	0.5U
Trichlorofluoromethane (Freon 11)	N	2000	2U	2U	2U	2U	2U	2U	2U	2U	2U	0.5U	0.5U	0.5U	0.5U	0.5U
Vinyl chloride (Chloroethene)	N	1	1U	1U	1U	1U	1U	1U	1U	1U	1U	0.5U	0.5U	0.5U	0.5U	0.5U
Xylene (total)	N	1000	0.8U	0.8U	0.8U	0.8U	0.8U	0.8U	0.8U	0.8U	0.8U	0.5U	0.5U	0.5U	0.5U	0.5U

Notes:
J = Estimated value
mg/kg = Milligrams per kilogram
NA = No criterion available for the analyte
U = Compound not detected at the reporting level shown
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Levels highlighted in yellow are above the soil action level

		Location ID	MW-0031	MW-0031	MW-0031	MW-0031	MW-0031	MW-0031	MW-0031	MW-0031	MW-0031	MW-0031	MW-0031	MW-0031	MW-0031
		Sample Date	04/08/1997	09/16/1997	09/11/1998	09/15/1998	02/19/1999	10/05/1999	02/01/2000	11/17/2000	02/05/2002	07/31/2002	08/08/2002	12/03/2002	03/13/2003
		Field Sample ID	MW-0031-A1	MW-0031-A2	M031A3X	M031A3Y	M031A4	M031A5	M031A6	M031A7	M031A9	M031B2	M031B2TY	M031B3Y	M031B4Y
		SDG	E20285	E25691	E39319	E39480	90656	93965	00399	B2465	270693	295373	296626	RFE43	RFE67
		Report Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
		Sample Type	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
		Sample Matrix	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER
		Sample Purpose	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG
Parameter Name	**Filtered**	**GW Action Levels**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**
1,1 Dichloroethene	N	1	-	-	-	-	-	-	-	-	-	-	-	0.8U	0.8U
1,1,1-Trichloroethane	N	30	-	-	-	-	-	-	-	-	-	-	-	0.8U	0.8U
1,1,2,2-Tetrachloroethane	N	1	-	-	-	-	-	-	-	-	-	-	-	1U	1U
1,1,2-Trichloroethane	N	3	-	-	-	-	-	-	-	-	-	-	-	0.8U	0.8U
1,1,2-Trichlorotrifluoroethane (Freon 113)	N	NS	-	-	-	-	-	-	-	-	-	-	-	2U	2U
1,1-Dichloroethane	N	50	-	-	-	-	-	-	-	-	-	-	-	1U	1U
1,2,4-Trichlorobenzene	N	9	-	-	-	-	-	-	-	-	-	-	-	1U	1U
1,2-Dibromo-3-chloropropane (DBCP)	N	0.02	-	-	-	-	-	-	-	-	-	-	-	2U	2U
1,2-Dibromoethane	N	NS	0.36U	1U	-	5.0U	0.5U	0.52U	0.52U	0.5U	2.00U	1.00U	2.00U	1U	1U
1,2-Dichlorobenzene (o-Dichlorobenzene)	N	600	1.1U	1.4U	5.5U	-	12U	11U	10U	2U	10.0U	10.0U	11.1U	1U	1U
1,2-Dichloroethane	N	2	0.85U	0.95U	-	2.0U	2U	2.0U	2.0U	-	2.00U	1.00U	2.00U	1U	1U
1,2-Dichloropropane	N	1	-	-	-	-	-	-	-	-	-	-	-	1U	1U
1,3-Dichlorobenzene	N	600	1.5U	1.2U	5.5U	-	12U	11U	10U	10U	10.0U	10.0U	11.1U	1U	1U
1,4-Dichlorobenzene	N	75	1.5U	1.2U	5.5U	-	12U	11U	10U	10U	10.0U	10.0U	11.1U	1U	1U
2-Butanone (Methyl ethyl ketone)	N	300	1U	0.73U	-	5.0U	10U	10U	10U	10U	50.00U	50.0U	50.0U	3U	3U
2-Hexanone	N	NS	-	-	-	-	-	-	-	-	-	-	-	3U	3U
4-Methyl-2-pentanone	N	NS	-	-	-	-	-	-	-	-	-	-	-	3U	3U
Acetone	N	6000	-	-	-	-	-	-	-	-	-	-	-	6U	6U
Benzene	N	100	0.47U	0.8U	-	1.0U	1U	1.0U	1.0U	1U	1.00U	1.0U	2.0U	0.5U	0.5U
Bromodichloromethane	N	1	-	-	-	-	-	-	-	-	-	-	-	1U	1U
Bromoform	N	4	-	-	-	-	-	-	-	-	-	-	-	1U	1U
Bromomethane (Methyl bromide)	N	10	-	-	-	-	-	-	-	-	-	-	-	1U	1U
Carbon Dioxide	N	NS	-	-	-	-	-	-	-	-	-	-	-	-	-
Carbon disulfide	N	700	1U	0.49U	-	5.0U	5U	5.0U	5.0U	5U	2.00U	1.00U	2.00U	1U	1U
Carbon Tetrachloride	N	1	-	-	-	-	-	-	-	-	-	-	-	1U	1U
Chlorobenzene	N	50	0.4U	0.93U	-	4.0U	4U	4.0U	4.0U	4U	2.00U	1.00U	2.00U	0.8U	0.8U
Chloroethane	N	NS	-	-	-	-	-	-	-	-	-	-	-	1U	1U
Chloroform	N	70	0.44U	0.88U	-	5.0U	5U	5.0U	5.0U	5U	1.00U	1.00U	2.00U	0.8U	0.8U
Chloromethane (Methyl chloride)	N	NS	-	-	-	-	-	-	-	-	-	-	-	1U	1U
cis-1,2-Dichloroethene	N	70	-	-	-	-	-	-	-	-	-	-	-	0.8U	0.8U
cis-1,3-Dichloropropene	N	NS	-	-	-	-	-	-	-	-	-	-	-	1U	1U
Cyclohexane	N	NS	-	-	-	-	-	-	-	-	-	-	-	2U	2U
Dibromochloromethane	N	1	-	-	-	-	-	-	-	-	-	-	-	1U	1U
Dichlorodifluoromethane (Freon 12)	N	1000	-	-	-	-	-	-	-	-	-	-	-	2U	2U
Ethylbenzene	N	700	0.36U	0.47U	-	5.0U	5U	5.0U	5.0U	5U	2.00U	1.0U	2.0U	0.8U	0.8U

		Location ID	MW-0031	MW-0031	MW-0031	MW-0031	MW-0031	MW-0031	MW-0031	MW-0031	MW-0031	MW-0031	MW-0031	MW-0031	MW-0031
		Sample Date	04/08/1997	09/16/1997	09/11/1998	09/15/1998	02/19/1999	10/05/1999	02/01/2000	11/17/2000	02/05/2002	07/31/2002	08/08/2002	12/03/2002	03/13/2003
		Field Sample ID	MW-0031-A1	MW-0031-A2	M031A3X	M031A3Y	M031A4	M031A5	M031A6	M031A7	M031A9	M031B2	M031B2TY	M031B3Y	M031B4Y
		SDG	E20285	E25691	E39319	E39480	90656	93965	00399	B2465	270693	295373	296626	RFE43	RFE67
		Report Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
		Sample Type	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
		Sample Matrix	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER
		Sample Purpose	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG
Parameter Name	**Filtered**	**GW Action Levels**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**
Isopropylbenzene	N	NS	-	-	-	-	-	-	-	-	-	-	-	1U	1U
Methane	N	NS	-	-	-	-	-	-	-	-	-	-	-	-	-
Methyl acetate	N	7000	-	-	-	-	-	-	-	-	-	-	-	1U	1U
Methyl-t-butyl ether	N	70	-	-	-	-	-	-	-	-	-	-	-	0.5U	0.5J
Methylcyclohexane	N	NS	-	-	-	-	-	-	-	-	-	-	-	1U	1U
Methylene chloride (Dichloromethane)	N	3	-	-	-	-	-	-	-	-	-	-	-	2U	2U
Styrene	N	100	0.37U	0.78U	-	5.0U	5U	5.0U	5.0U	5U	2.00U	1.00U	2.00U	1U	1U
Tetrachloroethene	N	1	-	-	-	-	-	-	-	-	-	-	-	0.8U	0.8U
Toluene	N	600	0.36U	0.85U	-	5.0U	5U	5.0U	5.0U	5U	2.00U	1.0U	2.0U	0.7U	0.7U
trans-1,2-Dichloroethene	N	100	-	-	-	-	-	-	-	-	-	-	-	0.8U	0.8U
trans-1,3-Dichloropropene	N	NS	-	-	-	-	-	-	-	-	-	-	-	1U	1U
Trichloroethene (Trichloroethylene)	N	1	-	-	-	-	-	-	-	-	-	-	-	1U	1U
Trichlorofluoromethane (Freon 11)	N	2000	-	-	-	-	-	-	-	-	-	-	-	2U	2U
Vinyl chloride (Chloroethene)	N	1	1.3U	1.6U	-	-	-	-	-	-	-	-	-	1U	1U
Xylene (total)	N	1000	0.62U	1.2U	-	5.0U	5U	5.0U	5.0U	5U	2.00U	1.0U	2.0U	0.8U	0.8U

Notes:
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		Location ID	MW-0031	MW-0031	MW-0031	MW-0031	MW-0031	MW-0031	MW-0031	MW-0031	MW-0031	MW-0031	MW-0031	MW-0031	MW-0031	MW-0031
		Sample Date	06/11/2003	08/28/2003	06/15/2004	10/05/2004	06/09/2005	11/02/2005	11/16/2006	05/31/2007	11/30/2007	06/19/2008	10/14/2008	06/24/2009	11/17/2009	05/11/2010
		Field Sample ID	M031B5	M031B6	M031B7A	M031B8X	M031B9X	M031C1X	M031C3X	M031C4X	M031C5X	M031C6X	M031C7X	M031C8X	M031C9X	M031D1X
		SDG	RFE76	RFE85	RFF14	RFF27	946781	965777	1014679	1040574	1067672	1098093	1114995	1150741	RFS20	RFS42
		Report Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
		Sample Type	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
		Sample Matrix	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER
		Sample Purpose	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG
Parameter Name	**Filtered**	**GW Action Levels**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**
1,1 Dichloroethene	N	1	0.8U	0.8U	0.8U	0.8U	0.8U	0.8U	0.8U	0.8U	0.8U	0.8UJ	0.8U	0.8U	0.8U	0.8U
1,1,1-Trichloroethane	N	30	0.8U	0.8U	0.8U	0.8U	0.8U	0.8U	0.8U	0.8U	0.8U	0.8UJ	0.8U	0.8U	0.8U	0.8U
1,1,2,2-Tetrachloroethane	N	1	1U	1U	1U	1U	1U	1U	1U	1U	1U	1UJ	1U	1U	1U	1U
1,1,2-Trichloroethane	N	3	0.8U	0.8U	0.8U	0.8U	0.8U	0.8U	0.8U	0.8U	0.8U	0.8UJ	0.8U	0.8U	0.8U	0.8U
1,1,2-Trichlorotrifluoroethane (Freon 113)	N	NS	2U	2U	2U	2U	2U	2U	2U	2U	2U	2UJ	2U	2U	2U	2U
1,1-Dichloroethane	N	50	1U	1U	1U	1U	1U	1U	1U	1U	1U	1UJ	1U	1U	1U	1U
1,2,4-Trichlorobenzene	N	9	1U	1U	1U	1U	1U	1U	1U	1U	1U	1UJ	1U	1U	1U	1U
1,2-Dibromo-3-chloropropane (DBCP)	N	0.02	2U	2U	2U	2U	2U	2U	2U	2U	2U	2UJ	2U	2U	2U	2U
1,2-Dibromoethane	N	NS	1U	1U	1U	1U	1U	1U	1U	1U	1U	1UJ	1U	1U	1U	1U
1,2-Dichlorobenzene (o-Dichlorobenzene)	N	600	1U	1U	1U	1U	1U	1U	1U	1U	1U	1UJ	1U	1U	1U	1U
1,2-Dichloroethane	N	2	1U	1U	1U	1U	1U	1U	1U	1U	1U	1UJ	1U	1U	1U	1U
1,2-Dichloropropane	N	1	1U	1U	1U	1U	1U	1U	1U	1U	1U	1UJ	1U	1U	1U	1U
1,3-Dichlorobenzene	N	600	1U	1U	1U	1U	1U	1U	1U	1U	1U	1UJ	1U	1U	1U	1U
1,4-Dichlorobenzene	N	75	1U	1U	1U	1U	1U	1U	1U	1U	1U	1UJ	1U	1U	1U	1U
2-Butanone (Methyl ethyl ketone)	N	300	3U	3U	3U	3U	3U	3U	3U	3U	3U	3UJ	3U	3U	3U	3U
2-Hexanone	N	NS	3U	3U	3U	3U	3U	3U	3U	3U	3U	3UJ	3U	3U	3U	3U
4-Methyl-2-pentanone	N	NS	3U	3U	3U	3U	3U	3U	3U	3U	3U	3UJ	3U	3U	3U	3U
Acetone	N	6000	6U	12J	6U	6U	6U	6U	6U	6U	6U	6UJ	52	6U	6U	6U
Benzene	N	100	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U	0.5UJ	0.5U	0.5U	0.5U	0.5U
Bromodichloromethane	N	1	1U	1U	1U	1U	1U	1U	1U	1U	1U	1UJ	1U	1U	1U	1U
Bromoform	N	4	1U	1U	1U	1U	1U	1U	1U	1U	1U	1UJ	1U	1U	1U	1U
Bromomethane (Methyl bromide)	N	10	1U	1U	1U	1U	1U	1U	1U	1U	1U	1UJ	1U	1U	1U	1U
Carbon Dioxide	N	NS	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Carbon disulfide	N	700	1U	1U	1U	1U	1U	1U	1U	1U	1U	1UJ	1U	1U	1U	1U
Carbon Tetrachloride	N	1	1U	1U	1U	1U	1U	1U	1U	1U	1U	1UJ	1U	1U	1U	1U
Chlorobenzene	N	50	0.8U	0.8U	0.8U	0.8U	0.8U	0.8U	0.8U	0.8U	0.8U	0.8UJ	0.8U	0.8U	0.8U	0.8U
Chloroethane	N	NS	1U	1U	1U	1U	1U	1U	1U	1U	1U	1UJ	1U	1U	1U	1U
Chloroform	N	70	0.8U	0.8U	0.8U	0.8U	0.8U	0.8U	0.8U	0.8U	0.8U	0.8UJ	0.8U	0.8U	0.8U	0.8U
Chloromethane (Methyl chloride)	N	NS	1U	1U	1U	1U	1U	1U	1U	1U	1U	1UJ	1U	1U	1U	1U
cis-1,2-Dichloroethene	N	70	0.8U	0.8U	0.8U	0.8U	0.8U	0.8U	0.8U	0.8U	0.8U	0.8UJ	0.8U	0.8U	0.8U	0.8U
cis-1,3-Dichloropropene	N	NS	1U	1U	1U	1U	1U	1U	1U	1U	1U	1UJ	1U	1U	1U	1U
Cyclohexane	N	NS	2J	2J	2U	2U	3J	2U	2U	2U	2U	2J	2U	2J	2U	2U
Dibromochloromethane	N	1	1U	1U	1U	1U	1U	1U	1U	1U	1U	1UJ	1U	1U	1U	1U
Dichlorodifluoromethane (Freon 12)	N	1000	2U	2U	2U	2U	2U	2U	2U	2U	2U	2UJ	2U	2U	2U	2U
Ethylbenzene	N	700	0.8U	0.8U	0.8U	0.8U	0.8U	0.8U	0.8U	0.8U	0.8U	0.8UJ	0.8U	0.8U	0.8U	0.8U

		Location ID	MW-0031	MW-0031	MW-0031	MW-0031	MW-0031	MW-0031	MW-0031	MW-0031	MW-0031	MW-0031	MW-0031	MW-0031	MW-0031	MW-0031
		Sample Date	06/11/2003	08/28/2003	06/15/2004	10/05/2004	06/09/2005	11/02/2005	11/16/2006	05/31/2007	11/30/2007	06/19/2008	10/14/2008	06/24/2009	11/17/2009	05/11/2010
		Field Sample ID	M031B5	M031B6	M031B7A	M031B8X	M031B9X	M031C1X	M031C3X	M031C4X	M031C5X	M031C6X	M031C7X	M031C8X	M031C9X	M031D1X
		SDG	RFE76	RFE85	RFF14	RFF27	946781	965777	1014679	1040574	1067672	1098093	1114995	1150741	RFS20	RFS42
		Report Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
		Sample Type	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
		Sample Matrix	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER
		Sample Purpose	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG
Parameter Name	**Filtered**	**GW Action Levels**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**
Isopropylbenzene	N	NS	1U	1U	1U	1U	1U	1U	1U	1U	1U	1UJ	1U	1U	1U	1U
Methane	N	NS	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Methyl acetate	N	7000	1U	1U	1U	1U	1U	1U	1U	1U	1U	1UJ	1U	1U	1U	1U
Methyl-t-butyl ether	N	70	0.7J	1J	0.5U	0.5U	0.8J	0.5U	0.5U	0.9J	0.8J	1J	0.5J	0.5U	0.5U	0.5U
Methylcyclohexane	N	NS	1U	1U	1U	1U	1U	1U	1U	1U	1U	1UJ	1U	1U	1U	1U
Methylene chloride (Dichloromethane)	N	3	2U	2U	2U	2U	2U	2U	2U	2U	2U	2UJ	2U	2U	2U	2U
Styrene	N	100	1U	1U	1U	1U	1U	1U	1U	1U	1U	1UJ	1U	1U	1U	1U
Tetrachloroethene	N	1	0.8U	0.8U	0.8U	0.8U	0.8U	0.8U	0.8U	0.8U	0.8U	0.8UJ	0.8U	0.8U	0.8U	0.8U
Toluene	N	600	0.7U	0.7U	0.7U	0.7U	0.7U	0.7U	0.7U	0.7U	0.7U	0.7UJ	0.7U	0.7U	0.7U	0.7U
trans-1,2-Dichloroethene	N	100	0.8U	0.8U	0.8U	0.8U	0.8U	0.8U	0.8U	0.8U	0.8U	0.8UJ	0.8U	0.8U	0.8U	0.8U
trans-1,3-Dichloropropene	N	NS	1U	1U	1U	1U	1U	1U	1U	1U	1U	1UJ	1U	1U	1U	1U
Trichloroethene (Trichloroethylene)	N	1	1U	1U	1U	1U	1U	1U	1U	1U	1U	1UJ	1U	1U	1U	1U
Trichlorofluoromethane (Freon 11)	N	2000	2U	2U	2U	2U	2U	2U	2U	2U	2U	2UJ	2U	2U	2U	2U
Vinyl chloride (Chloroethene)	N	1	1U	1U	1U	1U	1U	1U	1U	1U	1U	1UJ	1U	1U	1U	1U
Xylene (total)	N	1000	0.8U	0.8U	0.8U	0.8U	0.8U	0.8U	0.8U	0.8U	0.8U	0.8UJ	0.8U	0.8U	0.8U	0.8U

Notes:
J = Estimated value
mg/kg = Milligrams per kilogram
NA = No criterion available for the analyte
U = Compound not detected at the reporting level shown
UJ = Compound not detected and value shown is estimated
ug/l = Micrograms per liter
Levels highlighted in yellow are above the soil action level

		Location ID	MW-0031	MW-0031	MW-0031	MW-0031	MW-0031	MW-0031R	MW-0031R	MW-0031R	MW-0031R	MW-0031R	MW-0031R	MW-0031R	MW-136	MW-136
		Sample Date	10/06/2010	06/01/2011	11/10/2011	02/14/2012	08/07/2012	04/25/2013	09/24/2013	06/05/2014	11/07/2014	02/13/2015	09/30/2015	03/10/2016	11/26/2002	02/11/2003
		Field Sample ID	M031D2X	M031D3X	M031D4X	M031D5X	M031D6X	M031RA1X	M031RA2X	M031RA3X	M031RA4X	M031RA5X	M031RA6X	M031RA7X	M136A1X	M136A2Y
		SDG	RFS69	RFT26	RFT85	RFU10	RFV25	RFZ13	CS014	CS109	CS183	CS201	CS292	CS371	RFE42	RFE64
		Report Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
		Sample Type	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
		Sample Matrix	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER
		Sample Purpose	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG
Parameter Name	**Filtered**	**GW Action Levels**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**
1,1 Dichloroethene	N	1	0.8U	0.8U	0.8U	0.8U	0.8U	0.8U	0.8U	0.5U	0.5U	0.5U	0.5U	0.5U	0.8U	0.8U
1,1,1-Trichloroethane	N	30	0.8U	0.8U	0.8U	0.8U	0.8U	0.8U	0.8U	0.5U	0.5U	0.5U	0.5U	0.5U	0.8U	0.8U
1,1,2,2-Tetrachloroethane	N	1	1U	1U	1U	1U	1U	1U	1U	0.5U	0.5U	0.5U	0.5U	0.5U	1U	1U
1,1,2-Trichloroethane	N	3	0.8U	0.8U	0.8U	0.8U	0.8U	0.8U	0.8U	0.5U	0.5U	0.5U	0.5U	0.5U	0.8U	0.8U
1,1,2-Trichlorotrifluoroethane (Freon 113)	N	NS	2U	2U	2U	2U	2U	2U	2U	2U	2U	2U	2U	2U	2U	2U
1,1-Dichloroethane	N	50	1U	1U	1U	1U	1U	1U	1U	0.5U	0.5U	0.5U	0.5U	0.5U	1U	1U
1,2,4-Trichlorobenzene	N	9	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U
1,2-Dibromo-3-chloropropane (DBCP)	N	0.02	2U	2U	2U	2U	2U	2U	2U	2U	2U	2U	2U	2U	2U	2U
1,2-Dibromoethane	N	NS	1U	1U	1U	1U	1U	1U	1U	0.5U	0.5U	0.5U	0.5U	0.5U	1U	1U
1,2-Dichlorobenzene (o-Dichlorobenzene)	N	600	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U
1,2-Dichloroethane	N	2	1U	1U	1U	1U	1U	1U	1U	0.5U	0.5U	0.5U	0.5U	0.5U	1U	1U
1,2-Dichloropropane	N	1	1U	1U	1U	1U	1U	1U	1U	0.5U	0.5U	0.5U	0.5U	0.5U	1U	1U
1,3-Dichlorobenzene	N	600	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U
1,4-Dichlorobenzene	N	75	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U
2-Butanone (Methyl ethyl ketone)	N	300	3U	3U	3U	3U	3U	3U	3U	3U	3U	3U	3U	3U	3U	4J
2-Hexanone	N	NS	3U	3U	3U	3U	3U	3U	3U	3U	3U	3U	3U	3U	3U	3U
4-Methyl-2-pentanone	N	NS	3U	3U	3U	3U	3U	3U	3U	3U	3U	3U	3U	3U	3U	3U
Acetone	N	6000	6U	6U	6U	6U	6U	6U	6U	6U	11J	6U	6U	6U	6U	21
Benzene	N	100	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U
Bromodichloromethane	N	1	1U	1U	1U	1U	1U	1U	1U	0.5U	0.5U	0.5U	0.5U	0.5U	1U	1U
Bromoform	N	4	1U	1U	1U	1U	1U	1U	1U	0.5U	0.5U	0.5U	0.5U	0.5U	1U	1U
Bromomethane (Methyl bromide)	N	10	1U	1U	1U	1U	1U	1U	1U	0.5U	0.5U	0.5U	0.5U	0.5U	1U	1U
Carbon Dioxide	N	NS	-	-	-	-	-	-	-	-	-	-	-	-	82000	-
Carbon disulfide	N	700	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	3J
Carbon Tetrachloride	N	1	1U	1U	1U	1U	1U	1U	1U	0.5U	0.5U	0.5U	0.5U	0.5U	1U	1U
Chlorobenzene	N	50	0.8U	0.8U	0.8U	0.8U	0.8U	0.8U	0.8U	0.5U	0.5U	0.5U	0.5U	0.5U	0.8U	0.8U
Chloroethane	N	NS	1U	1U	1U	1U	1U	1U	1U	0.5U	0.5U	0.5U	0.5U	0.5U	1U	1U
Chloroform	N	70	0.8U	0.8U	0.8U	0.8U	0.8U	0.8U	0.8U	0.5U	0.5U	0.5U	0.5U	0.5U	0.8U	0.8U
Chloromethane (Methyl chloride)	N	NS	1U	1U	1U	1U	1U	1U	1U	0.5U	0.5U	0.5U	0.5U	0.5U	1U	1U
cis-1,2-Dichloroethene	N	70	0.8U	0.8U	0.8U	0.8U	0.8U	0.8U	0.8U	0.5U	0.5U	0.5U	0.5U	0.5U	0.8U	0.8U
cis-1,3-Dichloropropene	N	NS	1U	1U	1U	1U	1U	1U	1U	0.5U	0.5U	0.5U	0.5U	0.5U	1U	1U
Cyclohexane	N	NS	2U	4J	2U	3J	2U	2U	3J	2UJ	2U	2J	2U	2U	2U	2U
Dibromochloromethane	N	1	1U	1U	1U	1U	1U	1U	1U	0.5U	0.5U	0.5U	0.5U	0.5U	1U	1U
Dichlorodifluoromethane (Freon 12)	N	1000	2U	2U	2U	2U	2U	2U	2U	0.5U	0.5U	0.5U	0.5U	0.5U	2U	2U
Ethylbenzene	N	700	0.8U	0.8U	0.8U	0.8U	0.8U	0.8U	0.8U	0.5U	0.5U	0.5U	0.5U	0.5U	0.8U	0.8U

		Location ID	MW-0031	MW-0031	MW-0031	MW-0031	MW-0031	MW-0031R	MW-0031R	MW-0031R	MW-0031R	MW-0031R	MW-0031R	MW-0031R	MW-136	MW-136
		Sample Date	10/06/2010	06/01/2011	11/10/2011	02/14/2012	08/07/2012	04/25/2013	09/24/2013	06/05/2014	11/07/2014	02/13/2015	09/30/2015	03/10/2016	11/26/2002	02/11/2003
		Field Sample ID	M031D2X	M031D3X	M031D4X	M031D5X	M031D6X	M031RA1X	M031RA2X	M031RA3X	M031RA4X	M031RA5X	M031RA6X	M031RA7X	M136A1X	M136A2Y
		SDG	RFS69	RFT26	RFT85	RFU10	RFV25	RFZ13	CS014	CS109	CS183	CS201	CS292	CS371	RFE42	RFE64
		Report Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
		Sample Type	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
		Sample Matrix	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER
		Sample Purpose	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG
Parameter Name	**Filtered**	**GW Action Levels**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**
Isopropylbenzene	N	NS	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U
Methane	N	NS	-	-	-	-	-	-	-	-	-	-	-	-	3400	-
Methyl acetate	N	7000	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U
Methyl-t-butyl ether	N	70	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U	0.7J
Methylcyclohexane	N	NS	1U	2J	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U
Methylene chloride (Dichloromethane)	N	3	2U	2U	2U	2U	2U	2U	2U	2U	2U	2U	2U	2U	2U	2U
Styrene	N	100	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U
Tetrachloroethene	N	1	0.8U	0.8U	0.8U	0.8U	0.8U	0.8U	0.8U	0.5U	0.5U	0.5U	0.5U	0.5U	0.8U	0.8U
Toluene	N	600	0.7U	0.7U	0.7U	0.7U	0.7U	0.7U	0.7U	0.5U	0.5U	0.5U	0.5U	0.5U	0.7U	0.7U
trans-1,2-Dichloroethene	N	100	0.8U	0.8U	0.8U	0.8U	0.8U	0.8U	0.8U	0.5U	0.5U	0.5U	0.5U	0.5U	0.8U	0.8U
trans-1,3-Dichloropropene	N	NS	1U	1U	1U	1U	1U	1U	1U	0.5U	0.5U	0.5U	0.5U	0.5U	1U	1U
Trichloroethene (Trichloroethylene)	N	1	1U	1U	1U	1U	1U	1U	1U	0.5U	0.5U	0.5U	0.5U	0.5U	1U	1U
Trichlorofluoromethane (Freon 11)	N	2000	2U	2U	2U	2U	2U	2U	2U	0.5U	0.5U	0.5U	0.5U	0.5U	2U	2U
Vinyl chloride (Chloroethene)	N	1	1U	1U	1U	1U	1U	1U	1U	0.5U	0.5U	0.5U	0.5U	0.5U	1U	1U
Xylene (total)	N	1000	0.8U	0.8U	0.8U	0.8U	0.8U	0.8U	0.8U	0.5U	0.5U	0.5U	0.5U	0.5U	0.8U	0.8U

Notes:
J = Estimated value
mg/kg = Milligrams per kilogram
NA = No criterion available for the analyte
U = Compound not detected at the reporting level shown
UJ = Compound not detected and value shown is estimated
ug/l = Micrograms per liter
Levels highlighted in yellow are above the soil action level

		Location ID	MW-136	MW-136	MW-136	MW-136	MW-136	MW-136	MW-136	MW-136	MW-136	MW-136	MW-136	MW-136	MW-136	MW-136
		Sample Date	06/12/2003	08/29/2003	10/07/2004	06/10/2005	11/03/2005	11/14/2006	05/25/2007	11/30/2007	07/01/2008	10/14/2008	06/24/2009	11/17/2009	05/11/2010	10/06/2010
		Field Sample ID	M136A3	M136A4	M136A5X	M136A6X	M136A7X	M136A9X	M136B1X	M136B2X	M136B3X	M136B4X	M136B5X	M136B6X	M136B7X	M136B8X
		SDG	RFE76	RFE85	RFF28	947003	965984	1014239	1040018	1067672	1098780	1114995	1150741	RFS20	RFS42	RFS69
		Report Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
		Sample Type	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
		Sample Matrix	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER
		Sample Purpose	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG
Parameter Name	**Filtered**	**GW Action Levels**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**
1,1 Dichloroethene	N	1	0.8U	0.8U	0.8U	0.8U	0.8U	0.8U	0.8U	0.8U	0.8U	0.8U	0.8U	0.8U	0.8U	0.8U
1,1,1-Trichloroethane	N	30	0.8U	0.8U	0.8U	0.8U	0.8U	0.8U	0.8U	0.8U	0.8U	0.8U	0.8U	0.8U	0.8U	0.8U
1,1,2,2-Tetrachloroethane	N	1	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U
1,1,2-Trichloroethane	N	3	0.8U	0.8U	0.8U	0.8U	0.8U	0.8U	0.8U	0.8U	0.8U	0.8U	0.8U	0.8U	0.8U	0.8U
1,1,2-Trichlorotrifluoroethane (Freon 113)	N	NS	2U	2U	2U	2U	2U	2U	2U	2U	2U	2U	2U	2U	2U	2U
1,1-Dichloroethane	N	50	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U
1,2,4-Trichlorobenzene	N	9	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U
1,2-Dibromo-3-chloropropane (DBCP)	N	0.02	2U	2U	2U	2U	2U	2U	2U	2U	2U	2U	2U	2U	2U	2U
1,2-Dibromoethane	N	NS	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U
1,2-Dichlorobenzene (o-Dichlorobenzene)	N	600	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U
1,2-Dichloroethane	N	2	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U
1,2-Dichloropropane	N	1	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U
1,3-Dichlorobenzene	N	600	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U
1,4-Dichlorobenzene	N	75	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U
2-Butanone (Methyl ethyl ketone)	N	300	3U	4J	3U	3U	3U	3U	3U	3U	3U	3U	3U	3U	4J	3U
2-Hexanone	N	NS	3U	3U	3U	3U	3U	3U	3U	3U	3U	3U	3U	3U	3U	3U
4-Methyl-2-pentanone	N	NS	3U	3U	3U	3U	3U	3U	3U	3U	3U	3U	3U	3U	3U	3U
Acetone	N	6000	16J	21	16J	6U	7J	10J	11J	17J	6U	6U	6U	9J	19J	15J
Benzene	N	100	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U
Bromodichloromethane	N	1	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U
Bromoform	N	4	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U
Bromomethane (Methyl bromide)	N	10	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U
Carbon Dioxide	N	NS	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Carbon disulfide	N	700	3J	5J	1U	1U	1U	1U	1U	1J	3J	1U	1U	1U	1U	1U
Carbon Tetrachloride	N	1	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U
Chlorobenzene	N	50	0.8U	0.8U	0.8U	0.8U	0.8U	0.8U	0.8U	0.8U	0.8U	0.8U	0.8U	0.8U	0.8U	0.8U
Chloroethane	N	NS	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U
Chloroform	N	70	0.8U	0.8U	0.8U	0.8U	0.8U	0.8U	0.8U	0.8U	0.8U	0.8U	0.8U	0.8U	0.8U	0.8U
Chloromethane (Methyl chloride)	N	NS	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U
cis-1,2-Dichloroethene	N	70	0.8U	0.8U	0.8U	0.8U	0.8U	0.8U	0.8U	0.8U	0.8U	0.8U	0.8U	0.8U	0.8U	0.8U
cis-1,3-Dichloropropene	N	NS	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U
Cyclohexane	N	NS	2U	2U	2U	2U	2U	2U	2U	2U	2U	2U	2U	2U	2U	2U
Dibromochloromethane	N	1	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U
Dichlorodifluoromethane (Freon 12)	N	1000	2U	2U	2U	2U	2U	2U	2U	2U	2U	2U	2U	2U	2U	2U
Ethylbenzene	N	700	0.8U	0.8U	0.8U	0.8U	0.8U	0.8U	0.8U	0.8U	0.8U	0.8U	0.8U	0.8U	0.8U	0.8U

		Location ID	MW-136	MW-136	MW-136	MW-136	MW-136	MW-136	MW-136	MW-136	MW-136	MW-136	MW-136	MW-136	MW-136	MW-136
		Sample Date	06/12/2003	08/29/2003	10/07/2004	06/10/2005	11/03/2005	11/14/2006	05/25/2007	11/30/2007	07/01/2008	10/14/2008	06/24/2009	11/17/2009	05/11/2010	10/06/2010
		Field Sample ID	M136A3	M136A4	M136A5X	M136A6X	M136A7X	M136A9X	M136B1X	M136B2X	M136B3X	M136B4X	M136B5X	M136B6X	M136B7X	M136B8X
		SDG	RFE76	RFE85	RFF28	947003	965984	1014239	1040018	1067672	1098780	1114995	1150741	RFS20	RFS42	RFS69
		Report Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
		Sample Type	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
		Sample Matrix	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER
		Sample Purpose	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG
Parameter Name	**Filtered**	**GW Action Levels**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**
Isopropylbenzene	N	NS	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U
Methane	N	NS	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Methyl acetate	N	7000	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U
Methyl-t-butyl ether	N	70	0.6J	0.6J	0.8J	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U
Methylcyclohexane	N	NS	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U
Methylene chloride (Dichloromethane)	N	3	2U	2U	2U	2U	2U	2U	2U	2U	2U	2U	2U	2U	2U	2U
Styrene	N	100	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U
Tetrachloroethene	N	1	0.8U	0.8U	0.8U	0.8U	0.8U	0.8U	0.8U	0.8U	0.8U	0.8U	0.8U	0.8U	0.8U	0.8U
Toluene	N	600	0.7U	0.7U	0.7U	0.7U	0.7U	0.7U	0.7U	0.7U	0.7U	0.7U	0.7U	0.7U	0.7U	0.7U
trans-1,2-Dichloroethene	N	100	0.8U	0.8U	0.8U	0.8U	0.8U	0.8U	0.8U	0.8U	0.8U	0.8U	0.8U	0.8U	0.8U	0.8U
trans-1,3-Dichloropropene	N	NS	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U
Trichloroethene (Trichloroethylene)	N	1	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U
Trichlorofluoromethane (Freon 11)	N	2000	2U	2U	2U	2U	2U	2U	2U	2U	2U	2U	2U	2U	2U	2U
Vinyl chloride (Chloroethene)	N	1	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U
Xylene (total)	N	1000	0.8U	0.8U	0.8U	0.8U	0.8U	0.8U	0.8U	0.8U	0.8U	0.8U	0.8U	0.8U	0.8U	0.8U

Notes:
J = Estimated value
mg/kg = Milligrams per kilogram
NA = No criterion available for the analyte
U = Compound not detected at the reporting level shown
UJ = Compound not detected and value shown is estimated
ug/l = Micrograms per liter
Levels highlighted in yellow are above the soil action level

		Location ID	MW-136	MW-136	MW-136	MW-136	MW-136	MW-136	MW-237	MW-237	MW-237	MW-237	MW-237	MW-237	MW-237	MW-237
		Sample Date	06/03/2011	02/14/2012	03/05/2013	06/03/2014	09/30/2015	02/16/2016	10/31/2006	12/07/2006	05/11/2007	11/30/2007	07/03/2008	10/14/2008	06/24/2009	11/17/2009
		Field Sample ID	M136B9X	M136C1X	M136C2X	M136C3X	M136C4X	M136C5X	M237A1	M237A2X	M237A3X	M237A4X	M237A5X	M237A6X	M237A7X	M237A8X
		SDG	RFT27	RFU10	RFX90	CS108	CS292	CS357	1012219	1017222	1037974	1067672	1099204	1114995	1150741	RFS20
		Report Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
		Sample Type	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
		Sample Matrix	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER
		Sample Purpose	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG
Parameter Name	**Filtered**	**GW Action Levels**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**
1,1 Dichloroethene	N	1	0.8U	0.8U	0.8U	0.5U	0.5U	0.5U	0.8U	0.8U	0.8U	0.8U	0.8U	0.8U	0.8U	0.8U
1,1,1-Trichloroethane	N	30	0.8U	0.8U	0.8U	0.5U	0.5U	0.5U	0.8U	0.8U	0.8U	0.8U	0.8U	0.8U	0.8U	0.8U
1,1,2,2-Tetrachloroethane	N	1	1U	1U	1U	0.5U	0.5U	0.5U	1U	1U	1U	1U	1U	1U	1U	1U
1,1,2-Trichloroethane	N	3	0.8U	0.8U	0.8U	0.5U	0.5U	0.5U	0.8U	0.8U	0.8U	0.8U	0.8U	0.8U	0.8U	0.8U
1,1,2-Trichlorotrifluoroethane (Freon 113)	N	NS	2U	2U	2U	2U	2U	2U	2U	2U	2U	2U	2U	2U	2U	2U
1,1-Dichloroethane	N	50	1U	1U	1U	0.5U	0.5U	0.5U	1U	1U	1U	1U	1U	1U	1U	1U
1,2,4-Trichlorobenzene	N	9	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U
1,2-Dibromo-3-chloropropane (DBCP)	N	0.02	2U	2U	2U	2U	2U	2U	2U	2U	2U	2U	2U	2U	2U	2U
1,2-Dibromoethane	N	NS	1U	1U	1U	0.5U	0.5U	0.5U	1U	1U	1U	1U	1U	1U	1U	1U
1,2-Dichlorobenzene (o-Dichlorobenzene)	N	600	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U
1,2-Dichloroethane	N	2	1U	1U	1U	0.5U	0.5U	0.5U	1U	1U	1U	1U	1U	1U	1U	1U
1,2-Dichloropropane	N	1	1U	1U	1U	0.5U	0.5U	0.5U	1U	1U	1U	1U	1U	1U	1U	1U
1,3-Dichlorobenzene	N	600	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U
1,4-Dichlorobenzene	N	75	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U
2-Butanone (Methyl ethyl ketone)	N	300	3U	3U	3U	4J	3U	3U	3U	3U	3U	3U	3U	3U	3U	3U
2-Hexanone	N	NS	3U	3U	3U	3U	3U	3U	3U	3U	3U	3U	3U	3U	3U	3U
4-Methyl-2-pentanone	N	NS	3U	3U	3U	3U	3U	3U	3U	3U	3U	3U	3U	3U	3U	3U
Acetone	N	6000	6U	6U	6U	22	15J	6U	6U	6U	6U	6U	6U	6U	6U	6U
Benzene	N	100	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U
Bromodichloromethane	N	1	1U	1U	1U	0.5U	0.5U	0.5U	1U	1U	1U	1U	1U	1U	1U	1U
Bromoform	N	4	1U	1U	1U	0.5U	0.5U	0.5U	1U	1U	1U	1U	1U	1U	1U	1U
Bromomethane (Methyl bromide)	N	10	1U	1U	1U	0.5U	0.5U	0.5U	1U	1U	1U	1U	1U	1U	1U	1U
Carbon Dioxide	N	NS	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Carbon disulfide	N	700	3J	2J	1U	4J	3J	1U	1U	1U	1U	1U	1U	1U	1U	1U
Carbon Tetrachloride	N	1	1U	1U	1U	0.5U	0.5U	0.5U	1U	1U	1U	1U	1U	1U	1U	1U
Chlorobenzene	N	50	0.8U	0.8U	0.8U	0.5U	0.5U	0.5U	0.8U	0.8U	0.8U	0.8U	0.8U	0.8U	0.8U	0.8U
Chloroethane	N	NS	1U	1U	1UJ	0.5U	0.5U	0.5U	1U	1U	1U	1U	1U	1U	1U	1U
Chloroform	N	70	0.8U	0.8U	0.8U	0.5U	0.5U	0.5U	3J	1J	0.8U	0.8U	0.8U	0.8U	0.8U	0.8U
Chloromethane (Methyl chloride)	N	NS	1U	1U	1U	0.5U	0.5U	0.5U	1U	1U	1U	1U	1U	1U	1U	1U
cis-1,2-Dichloroethene	N	70	0.8U	0.8U	0.8U	0.5U	0.5U	0.5U	0.8U	0.8U	0.8U	0.8U	0.8U	0.8U	0.8U	0.8U
cis-1,3-Dichloropropene	N	NS	1U	1U	1U	0.5U	0.5U	0.5U	1U	1U	1U	1U	1U	1U	1U	1U
Cyclohexane	N	NS	2U	2U	2U	2U	2U	2U	2U	2U	2U	2U	2U	2U	2U	2U
Dibromochloromethane	N	1	1U	1U	1U	0.5U	0.5U	0.5U	1U	1U	1U	1U	1U	1U	1U	1U
Dichlorodifluoromethane (Freon 12)	N	1000	2U	2U	2U	0.5U	0.5U	0.5U	2U	2U	2U	2U	2U	2U	2U	2U
Ethylbenzene	N	700	0.8U	0.8U	0.8U	0.5U	0.5U	0.5U	0.8U	0.8U	0.8U	0.8U	0.8U	0.8U	0.8U	0.8U

		Location ID	MW-136	MW-136	MW-136	MW-136	MW-136	MW-136	MW-237	MW-237	MW-237	MW-237	MW-237	MW-237	MW-237	MW-237
		Sample Date	06/03/2011	02/14/2012	03/05/2013	06/03/2014	09/30/2015	02/16/2016	10/31/2006	12/07/2006	05/11/2007	11/30/2007	07/03/2008	10/14/2008	06/24/2009	11/17/2009
		Field Sample ID	M136B9X	M136C1X	M136C2X	M136C3X	M136C4X	M136C5X	M237A1	M237A2X	M237A3X	M237A4X	M237A5X	M237A6X	M237A7X	M237A8X
		SDG	RFT27	RFU10	RFX90	CS108	CS292	CS357	1012219	1017222	1037974	1067672	1099204	1114995	1150741	RFS20
		Report Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
		Sample Type	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
		Sample Matrix	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER
		Sample Purpose	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG
Parameter Name	**Filtered**	**GW Action Levels**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**
Isopropylbenzene	N	NS	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U
Methane	N	NS	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Methyl acetate	N	7000	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U
Methyl-t-butyl ether	N	70	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U
Methylcyclohexane	N	NS	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U
Methylene chloride (Dichloromethane)	N	3	2U	2U	2U	2U	2U	2U	2U	2U	2U	2U	2U	2U	2U	2U
Styrene	N	100	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U
Tetrachloroethene	N	1	0.8U	0.8U	0.8U	0.5U	0.5U	0.5U	0.8U	0.8U	0.8U	0.8U	0.8U	0.8U	0.8U	0.8U
Toluene	N	600	0.7U	0.7U	0.7U	0.5U	0.5U	0.5U	0.7U	0.7U	0.7U	0.7U	0.7U	0.7U	0.7U	0.7U
trans-1,2-Dichloroethene	N	100	0.8U	0.8U	0.8U	0.5U	0.5U	0.5U	0.8U	0.8U	0.8U	0.8U	0.8U	0.8U	0.8U	0.8U
trans-1,3-Dichloropropene	N	NS	1U	1U	1U	0.5U	0.5U	0.5U	1U	1U	1U	1U	1U	1U	1U	1U
Trichloroethene (Trichloroethylene)	N	1	1U	1U	1U	0.5U	0.5U	0.5U	1U	1U	1U	1U	1U	1U	1U	1U
Trichlorofluoromethane (Freon 11)	N	2000	2U	2U	2U	0.5U	0.5U	0.5U	2U	2U	2U	2U	2U	2U	2U	2U
Vinyl chloride (Chloroethene)	N	1	1U	1U	1U	0.5U	0.5U	0.5U	1U	1U	1U	1U	1U	1U	1U	1U
Xylene (total)	N	1000	0.8U	0.8U	0.8U	0.5U	0.5U	0.5U	0.8U	0.8U	0.8U	0.8U	0.8U	0.8U	0.8U	0.8U

Notes:
J = Estimated value
mg/kg = Milligrams per kilogram
NA = No criterion available for the analyte
U = Compound not detected at the reporting level shown
UJ = Compound not detected and value shown is estimated
ug/l = Micrograms per liter
Levels highlighted in yellow are above the soil action level

		Location ID	MW-237	MW-237	MW-237	MW-237	MW-237	MW-237	MW-237	MW-237	RW-11	RW-11	RW-11	RW-11	RW-11	RW-11
		Sample Date	05/11/2010	10/06/2010	06/03/2011	02/14/2012	03/05/2013	06/03/2014	09/30/2015	02/16/2016	06/15/2005	11/16/2005	06/27/2006	11/28/2006	05/31/2007	08/01/2008
		Field Sample ID	M237A9X	M237B1X	M237B2X	M237B3X	M237B4X	M237B5X	M237B6X	M237B7X	R011A1X	R011A2X	R011A3X	R011A4X	R011A5X	R011A6X
		SDG	RFS42	RFS69	RFT27	RFU10	RFX90	CS108	CS292	CS357	947574	967750	995245	1015744	1040574	1103488
		Report Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
		Sample Type	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
		Sample Matrix	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER
		Sample Purpose	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG
Parameter Name	**Filtered**	**GW Action Levels**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**
1,1 Dichloroethene	N	1	0.8U	0.8U	0.8U	0.8U	0.8U	0.5U	0.5UJ	0.5U	0.8U	0.8U	0.8U	0.8U	-	-
1,1,1-Trichloroethane	N	30	0.8U	0.8U	0.8U	0.8U	0.8U	0.5U	0.5UJ	0.5U	0.8U	0.8U	0.8U	0.8U	-	-
1,1,2,2-Tetrachloroethane	N	1	1U	1U	1U	1U	1U	0.5U	0.5UJ	0.5U	1U	1U	1U	1U	-	-
1,1,2-Trichloroethane	N	3	0.8U	0.8U	0.8U	0.8U	0.8U	0.5U	0.5UJ	0.5U	0.8U	0.8U	0.8U	0.8U	-	-
1,1,2-Trichlorotrifluoroethane (Freon 113)	N	NS	2U	2U	2U	2U	2U	2U	2UJ	2U	2U	2U	2U	2U	-	-
1,1-Dichloroethane	N	50	1U	1U	1U	1U	1U	0.5U	0.5UJ	0.5U	1U	1U	1U	1U	-	-
1,2,4-Trichlorobenzene	N	9	1U	1U	1U	1U	1U	1U	1UJ	1U	1U	1U	1U	1U	-	-
1,2-Dibromo-3-chloropropane (DBCP)	N	0.02	2U	2U	2U	2U	2U	2U	2UJ	2U	2U	2U	2U	2U	-	-
1,2-Dibromoethane	N	NS	1U	1U	1U	1U	1U	0.5U	0.5UJ	0.5U	1U	1U	1U	1U	-	-
1,2-Dichlorobenzene (o-Dichlorobenzene)	N	600	1U	1U	1U	1U	1U	1U	1UJ	1U	1U	1U	1U	1U	-	-
1,2-Dichloroethane	N	2	1U	1U	1U	1U	1U	0.5U	0.5UJ	0.5U	1U	1U	1U	1U	-	-
1,2-Dichloropropane	N	1	1U	1U	1U	1U	1U	0.5U	0.5UJ	0.5U	1U	1U	1U	1U	-	-
1,3-Dichlorobenzene	N	600	1U	1U	1U	1U	1U	1U	1UJ	1U	1U	1U	1U	1U	-	-
1,4-Dichlorobenzene	N	75	1U	1U	1U	1U	1U	1U	1UJ	1U	1U	1U	1U	1U	-	-
2-Butanone (Methyl ethyl ketone)	N	300	3U	3U	3U	3U	3U	3U	3UJ	3U	3U	3U	3U	3U	-	-
2-Hexanone	N	NS	3U	3U	3U	3U	3U	3U	3UJ	3U	3U	3U	3U	3U	-	-
4-Methyl-2-pentanone	N	NS	3U	3U	3U	3U	3U	3U	3UJ	3U	3U	3U	3U	3U	-	-
Acetone	N	6000	6U	6U	6U	6U	6U	6U	6UJ	6U	14J	11J	8J	6U	-	-
Benzene	N	100	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U	0.5UJ	0.5U	0.5J	6	1J	0.5U	0.5U	0.8J
Bromodichloromethane	N	1	1U	1U	1U	1U	1U	0.5U	0.5UJ	0.5U	1U	1U	1U	1U	-	-
Bromoform	N	4	1U	1U	1U	1U	1U	0.5U	0.5UJ	0.5U	1U	1U	1U	1U	-	-
Bromomethane (Methyl bromide)	N	10	1U	1U	1U	1U	1U	0.5U	0.5UJ	0.5U	1U	1U	1U	1U	-	-
Carbon Dioxide	N	NS	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Carbon disulfide	N	700	1U	1U	1U	1U	1U	1U	1UJ	1U	1U	1U	1U	1U	-	-
Carbon Tetrachloride	N	1	1U	1U	1U	1U	1U	0.5U	0.5UJ	0.5U	1U	1U	1U	1U	-	-
Chlorobenzene	N	50	0.8U	0.8U	0.8U	0.8U	0.8U	0.5U	0.5UJ	0.5U	0.8U	0.8U	0.8U	0.8U	-	-
Chloroethane	N	NS	1U	1U	1U	1U	1UJ	0.5U	0.5UJ	0.5U	1U	1U	1U	1U	-	-
Chloroform	N	70	0.8U	0.8U	0.8U	0.8U	0.8U	0.5U	0.5UJ	0.5U	0.8U	0.8U	0.8U	0.8U	-	-
Chloromethane (Methyl chloride)	N	NS	1U	1U	1U	1U	1U	0.5U	0.5UJ	0.5U	1U	1U	1U	1U	-	-
cis-1,2-Dichloroethene	N	70	0.8U	0.8U	0.8U	0.8U	0.8U	0.5U	0.5UJ	0.5U	0.8U	0.8U	0.8U	0.8U	-	-
cis-1,3-Dichloropropene	N	NS	1U	1U	1U	1U	1U	0.5U	0.5UJ	0.5U	1U	1U	1U	1U	-	-
Cyclohexane	N	NS	2U	2U	2U	2U	2U	2U	2UJ	2U	3J	3J	4J	4J	-	-
Dibromochloromethane	N	1	1U	1U	1U	1U	1U	0.5U	0.5UJ	0.5U	1U	1U	1U	1U	-	-
Dichlorodifluoromethane (Freon 12)	N	1000	2U	2U	2U	2U	2U	0.5U	0.5UJ	0.5U	2U	2U	2U	2U	-	-
Ethylbenzene	N	700	0.8U	0.8U	0.8U	0.8U	0.8U	0.5U	0.5UJ	0.5U	0.8U	0.8U	0.8U	0.8U	0.8U	0.8U

		Location ID	MW-237	MW-237	MW-237	MW-237	MW-237	MW-237	MW-237	MW-237	RW-11	RW-11	RW-11	RW-11	RW-11	RW-11
		Sample Date	05/11/2010	10/06/2010	06/03/2011	02/14/2012	03/05/2013	06/03/2014	09/30/2015	02/16/2016	06/15/2005	11/16/2005	06/27/2006	11/28/2006	05/31/2007	08/01/2008
		Field Sample ID	M237A9X	M237B1X	M237B2X	M237B3X	M237B4X	M237B5X	M237B6X	M237B7X	R011A1X	R011A2X	R011A3X	R011A4X	R011A5X	R011A6X
		SDG	RFS42	RFS69	RFT27	RFU10	RFX90	CS108	CS292	CS357	947574	967750	995245	1015744	1040574	1103488
		Report Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
		Sample Type	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
		Sample Matrix	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER
		Sample Purpose	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG
Parameter Name	**Filtered**	**GW Action Levels**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**
Isopropylbenzene	N	NS	1U	1U	1U	1U	1U	1U	1UJ	1U	1U	1U	1U	1U	-	-
Methane	N	NS	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Methyl acetate	N	7000	1U	1U	1U	1U	1U	1U	1UJ	1U	1U	1U	1U	1U	-	-
Methyl-t-butyl ether	N	70	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U	0.5UJ	0.5U	0.5U	0.5U	0.5U	0.5U	-	-
Methylcyclohexane	N	NS	1U	1U	1U	1U	1U	1U	1UJ	1U	1J	1J	2J	2J	-	-
Methylene chloride (Dichloromethane)	N	3	2U	2U	2U	2U	2U	2U	2UJ	2U	2U	2U	2U	2U	-	-
Styrene	N	100	1U	1U	1U	1U	1U	1U	1UJ	1U	1U	1U	1U	1U	-	-
Tetrachloroethene	N	1	0.8U	0.8U	0.8U	0.8U	0.8U	0.5U	0.5UJ	0.5U	0.8U	0.8U	0.8U	0.8U	-	-
Toluene	N	600	0.7U	0.7U	0.7U	0.7U	0.7U	0.5U	0.5UJ	0.5U	0.7U	0.7U	0.7U	0.7U	0.7U	0.7U
trans-1,2-Dichloroethene	N	100	0.8U	0.8U	0.8U	0.8U	0.8U	0.5U	0.5UJ	0.5U	0.8U	0.8U	0.8U	0.8U	-	-
trans-1,3-Dichloropropene	N	NS	1U	1U	1U	1U	1U	0.5U	0.5UJ	0.5U	1U	1U	1U	1U	-	-
Trichloroethene (Trichloroethylene)	N	1	1U	1U	1U	1U	1U	0.5U	0.5UJ	0.5U	1U	1U	1U	1U	-	-
Trichlorofluoromethane (Freon 11)	N	2000	2U	2U	2U	2U	2U	0.5U	0.5UJ	0.5U	2U	2U	2U	2U	-	-
Vinyl chloride (Chloroethene)	N	1	1U	1U	1U	1U	1U	0.5U	0.5UJ	0.5U	1U	1U	1U	1U	-	-
Xylene (total)	N	1000	0.8U	0.8U	0.8U	0.8U	0.8U	0.5U	0.5UJ	0.5U	3J	4J	4J	4J	4J	6

Notes:
J = Estimated value
mg/kg = Milligrams per kilogram
NA = No criterion available for the analyte
U = Compound not detected at the reporting level shown
UJ = Compound not detected and value shown is estimated
ug/l = Micrograms per liter
Levels highlighted in yellow are above the soil action level

		Location ID	RW-11	RW-11	RW-11	RW-11	RW-11	RW-11	RW-11
		Sample Date	06/24/2009	06/29/2010	06/03/2011	02/14/2012	04/09/2013	06/03/2014	06/02/2016
		Field Sample ID	R011A7X	R011A8X	R011A9X	R011B1X	R011B2X	R011B3X	R011B4
		SDG	1150741	RFS51	RFT27	RFU10	RFY63	CS108	CS409
		Report Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
		Sample Type	GW	GW	GW	GW	GW	GW	GW
		Sample Matrix	WATER	WATER	WATER	WATER	WATER	WATER	WATER
		Sample Purpose	REG	REG	REG	REG	REG	REG	REG
Parameter Name	**Filtered**	**GW Action Levels**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**
1,1 Dichloroethene	N	1	-	-	-	-	-	-	-
1,1,1-Trichloroethane	N	30	-	-	-	-	-	-	-
1,1,2,2-Tetrachloroethane	N	1	-	-	-	-	-	-	-
1,1,2-Trichloroethane	N	3	-	-	-	-	-	-	-
1,1,2-Trichlorotrifluoroethane (Freon 113)	N	NS	-	-	-	-	-	-	-
1,1-Dichloroethane	N	50	-	-	-	-	-	-	-
1,2,4-Trichlorobenzene	N	9	-	-	-	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	N	0.02	-	-	-	-	-	-	-
1,2-Dibromoethane	N	NS	-	-	-	-	-	-	-
1,2-Dichlorobenzene (o-Dichlorobenzene)	N	600	-	-	-	-	-	-	-
1,2-Dichloroethane	N	2	-	-	-	-	-	-	-
1,2-Dichloropropane	N	1	-	-	-	-	-	-	-
1,3-Dichlorobenzene	N	600	-	-	-	-	-	-	-
1,4-Dichlorobenzene	N	75	-	-	-	-	-	-	-
2-Butanone (Methyl ethyl ketone)	N	300	-	-	-	-	-	-	-
2-Hexanone	N	NS	-	-	-	-	-	-	-
4-Methyl-2-pentanone	N	NS	-	-	-	-	-	-	-
Acetone	N	6000	-	-	-	-	-	-	-
Benzene	N	100	1J	0.9J	0.5U	0.5U	0.5U	0.5U	0.5U
Bromodichloromethane	N	1	-	-	-	-	-	-	-
Bromoform	N	4	-	-	-	-	-	-	-
Bromomethane (Methyl bromide)	N	10	-	-	-	-	-	-	-
Carbon Dioxide	N	NS	-	-	-	-	-	-	-
Carbon disulfide	N	700	-	-	-	-	-	-	-
Carbon Tetrachloride	N	1	-	-	-	-	-	-	-
Chlorobenzene	N	50	-	-	-	-	-	-	-
Chloroethane	N	NS	-	-	-	-	-	-	-
Chloroform	N	70	-	-	-	-	-	-	-
Chloromethane (Methyl chloride)	N	NS	-	-	-	-	-	-	-
cis-1,2-Dichloroethene	N	70	-	-	-	-	-	-	-
cis-1,3-Dichloropropene	N	NS	-	-	-	-	-	-	-
Cyclohexane	N	NS	-	-	-	-	-	-	-
Dibromochloromethane	N	1	-	-	-	-	-	-	-
Dichlorodifluoromethane (Freon 12)	N	1000	-	-	-	-	-	-	-
Ethylbenzene	N	700	0.8U	0.8U	0.8U	0.8U	0.8U	0.5U	0.5U

		Location ID	RW-11	RW-11	RW-11	RW-11	RW-11	RW-11	RW-11
		Sample Date	06/24/2009	06/29/2010	06/03/2011	02/14/2012	04/09/2013	06/03/2014	06/02/2016
		Field Sample ID	R011A7X	R011A8X	R011A9X	R011B1X	R011B2X	R011B3X	R011B4
		SDG	1150741	RFS51	RFT27	RFU10	RFY63	CS108	CS409
		Report Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
		Sample Type	GW	GW	GW	GW	GW	GW	GW
		Sample Matrix	WATER	WATER	WATER	WATER	WATER	WATER	WATER
		Sample Purpose	REG	REG	REG	REG	REG	REG	REG
Parameter Name	**Filtered**	**GW Action Levels**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**
Isopropylbenzene	N	NS	-	-	-	-	-	-	-
Methane	N	NS	-	-	-	-	-	-	-
Methyl acetate	N	7000	-	-	-	-	-	-	-
Methyl-t-butyl ether	N	70	-	-	-	-	-	-	-
Methylcyclohexane	N	NS	-	-	-	-	-	-	-
Methylene chloride (Dichloromethane)	N	3	-	-	-	-	-	-	-
Styrene	N	100	-	-	-	-	-	-	-
Tetrachloroethene	N	1	-	-	-	-	-	-	-
Toluene	N	600	0.7U	0.7U	0.7U	0.7U	0.7U	0.5U	0.5U
trans-1,2-Dichloroethene	N	100	-	-	-	-	-	-	-
trans-1,3-Dichloropropene	N	NS	-	-	-	-	-	-	-
Trichloroethene (Trichloroethylene)	N	1	-	-	-	-	-	-	-
Trichlorofluoromethane (Freon 11)	N	2000	-	-	-	-	-	-	-
Vinyl chloride (Chloroethene)	N	1	-	-	-	-	-	-	-
Xylene (total)	N	1000	4J	3J	2J	3J	0.9J	2	0.5U

Notes:
J = Estimated value
mg/kg = Milligrams per kilogram
NA = No criterion available for the analyte
U = Compound not detected at the reporting level shown
UJ = Compound not detected and value shown is estimated
ug/l = Micrograms per liter
Levels highlighted in yellow are above the soil action level

		Location ID	H0903	HP-0080	MW-0030	MW-0030	MW-0030	MW-0030	MW-0030	MW-0030	MW-0030	MW-0030	MW-0030	MW-0030	MW-0030	MW-0030
		Sample Date	01/21/2003	08/20/1997	04/08/1997	09/10/1998	02/19/1999	10/04/1999	02/01/2000	11/09/2000	03/28/2001	01/29/2002	07/31/2002	08/14/2002	12/05/2002	03/14/2003
		Field Sample ID	H0903	HP0080A	MW-0030-A1	M030A3Y	M030A4	M030A5	M030A6	M030A7X	M030A8	M030A9	M030B2	M030B2T	M030B3Y	M030B4Y
		SDG	LNA10	73787	E20285	E39280	90656	93965	00399	B2465	E88311	269988	295373	297195	RFE45	RFE67
		Report Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
		Sample Type	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
		Sample Matrix	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER
		Sample Purpose	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG
Parameter Name	**Filtered**	**GW Action Levels**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**
2,4,5-Trichlorophenol	N	700	1U	-	-	-	-	-	-	-	-	-	-	-	1U	1U
2,4,6-Trichlorophenol	N	20	1U	-	-	-	-	-	-	-	-	-	-	-	1U	1U
2,4-Dichlorophenol	N	20	1U	-	-	-	-	-	-	-	-	-	-	-	1U	1U
2,4-Dimethylphenol	N	100	1U	2	2.8U	5.9U	13U	11U	10U	12U	5.4U	10.0U	12.5U	11.1U	1U	1U
2,4-Dinitrophenol	N	40	20U	20U	1.3U	24U	27U	22U	20U	25U	22U	25.0U	12.5U	11.1U	19U	20U
2,4-Dinitrotoluene	N	NS	1U	-	-	-	-	-	-	-	-	-	-	-	1U	1U
2,6-Dinitrotoluene	N	NS	1U	-	-	-	-	-	-	-	-	-	-	-	1U	1U
2-Chloronaphthalene	N	600	1U	-	-	-	-	-	-	-	-	-	-	-	1U	1U
2-Chlorophenol (o-Chlorophenol)	N	40	1U	-	-	-	-	-	-	-	-	-	-	-	1U	1U
2-Methyl-Naphthlalene	N	NS	45	8	2U	5.9U	13U	11U	10U	12U	-	10.0U	12.5U	11.1U	1U	1U
2-Methylphenol (o-Cresol)	N	NS	1U	10U	1.7U	5.9U	13U	11U	10U	12U	5.4U	10.0U	12.5U	11.1U	1U	1U
2-Nitroaniline (o-Nitroaniline)	N	NS	1U	-	-	-	-	-	-	-	-	-	-	-	1U	1U
2-Nitrophenol (o-Nitrophenol)	N	NS	1U	-	-	-	-	-	-	-	-	-	-	-	1U	1U
3,3'-Dichlorobenzidine	N	30	1U	-	-	-	-	-	-	-	-	-	-	-	1U	1U
3-Nitroaniline	N	NS	1U	-	-	-	-	-	-	-	-	-	-	-	1U	1U
4,6-Dinitro-2-methylphenol (4,6-Dinitro-o-cresol)	N	NS	5U	-	-	-	-	-	-	-	-	-	-	-	5U	5U
4-Bromophenylphenylether	N	NS	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Chloroaniline	N	30	1U	-	-	-	-	-	-	-	-	-	-	-	1U	1U
4-Chlorophenyl phenyl ether	N	NS	1U	-	-	-	-	-	-	-	-	-	-	-	1U	1U
4-Methylphenol (p-Cresol)	N	NS	2U	-	-	-	-	-	10U	12U	5.4U	10.0U	12.5U	11.1U	2U	2U
4-Nitroaniline	N	NS	1U	-	-	-	-	-	-	-	-	-	-	-	1U	1U
4-Nitrophenol	N	NS	10U	20U	0.77U	24U	27U	22U	20U	25U	22U	25.0U	12.5U	11.1U	10U	10U
Acenaphthene	N	400	4J	-	-	-	-	-	-	-	-	-	-	-	1U	1U
Acenaphthylene	N	NS	1U	-	-	-	-	-	-	-	-	-	-	-	1U	1U
Acetophenone	N	700	2U	-	-	-	-	-	-	-	-	-	-	-	2U	2U
Anthracene	N	2000	1U	10U	1.6U	5.9U	13U	11U	10U	12U	2.2U	10.0U	12.5U	11.1U	1U	1U
Atrazine	N	3	1U	-	-	-	-	-	-	-	-	-	-	-	1U	1U
Benzaldehyde	N	NS	1U	-	-	-	-	-	-	-	-	-	-	-	1U	1U
Benzo(a)anthracene	N	0.1	**1J**	10U	1.2U	5.9U	13U	11U	10U	12U	2.2U	10.0U	12.5U	11.1U	1U	1U
Benzo(a)pyrene	N	0.1	**2J**	10U	1.2U	5.9U	13U	11U	10U	12U	2.2U	10.0U	12.5U	11.1U	1U	1U
Benzo(b)fluoranthene	N	0.2	**1J**	10U	2.5U	5.9U	13U	11U	10U	12U	2.2U	10.0U	12.5U	11.1U	1U	1U
Benzo(g,h,i)perylene	N	NS	3J	-	-	-	-	-	-	-	-	-	-	-	1U	1U
Benzo(k)fluoranthene	N	0.5	1U	10U	1.8U	5.9U	13U	11U	10U	12U	2.2U	10.0U	12.5U	11.1U	1U	1U
bis(2-Chloroethoxy)methane	N	NS	1U	-	-	-	-	-	-	-	-	-	-	-	1U	1U

		Location ID	H0903	HP-0080	MW-0030	MW-0030	MW-0030	MW-0030	MW-0030	MW-0030	MW-0030	MW-0030	MW-0030	MW-0030	MW-0030	MW-0030
		Sample Date	01/21/2003	08/20/1997	04/08/1997	09/10/1998	02/19/1999	10/04/1999	02/01/2000	11/09/2000	03/28/2001	01/29/2002	07/31/2002	08/14/2002	12/05/2002	03/14/2003
		Field Sample ID	H0903	HP0080A	MW-0030-A1	M030A3Y	M030A4	M030A5	M030A6	M030A7X	M030A8	M030A9	M030B2	M030B2T	M030B3Y	M030B4Y
		SDG	LNA10	73787	E20285	E39280	90656	93965	00399	B2465	E88311	269988	295373	297195	RFE45	RFE67
		Report Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
		Sample Type	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
		Sample Matrix	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER
		Sample Purpose	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG
Parameter Name	**Filtered**	**GW Action Levels**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**
bis(2-Chloroethyl) ether	N	7	1U	-	-	-	-	-	-	-	-	-	-	-	1U	1U
bis(2-chloroisopropyl) ether	N	3000	1U	-	-	-	-	-	-	-	-	-	-	-	1U	1U
bis(2-Ethylhexyl)phthalate	N	3	2J	**4**	2.1U	5.9U	13U	1	10U	12U	2.2U	3.000	12.5U	11.1U	2U	2U
Butylbenzylphthalate	N	100	2U	10U	2.1U	5.9U	13U	11U	10U	12U	2.2U	10.0U	12.5U	11.1U	2U	2U
Caprolactam	N	NS	5U	-	-	-	-	-	-	-	-	-	-	-	5U	5U
Carbazole	N	NS	1U	-	-	-	-	-	-	-	-	-	-	-	1U	1U
Chrysene	N	5	2J	10U	0.83U	5.9U	13U	11U	10U	12U	2.2U	10.0U	12.5U	11.1U	1U	1U
Di-n-butylphthalate	N	700	2U	10U	2.2U	5.9U	13U	11U	10U	12U	2.2U	10.0U	12.5U	11.1U	2U	2U
Di-n-octylphthalate	N	100	2U	10U	1.6U	5.9U	13U	11U	10U	12U	2.2U	4.000	12.5U	11.1U	2U	2U
Dibenz(a,h)anthracene	N	0.3	1U	10U	1.4U	5.9U	13U	11U	10U	12U	2.2U	10.0U	12.5U	11.1U	1U	1U
Dibenzofuran	N	NS	2J	-	-	-	-	-	-	-	-	-	-	-	1U	1U
Diethylphthalate	N	6000	2U	25	2.7U	5.9U	13U	11U	10U	0.8	2.2U	10.0U	12.5U	11.1U	2U	2U
Dimethyl phthalate	N	NS	2U	10	3U	5.9U	13U	11U	10U	12U	2.2U	10.0U	12.5U	11.1U	2U	2U
Diphenyl (Biphenyl, Phenyl benzene)	N	400	2J	-	-	-	-	-	-	-	-	-	-	-	1U	1U
Fluoranthene	N	300	1J	10U	1.3U	5.9U	13U	11U	10U	12U	2.2U	10.0U	12.5U	11.1U	1U	1U
Fluorene	N	300	5J	-	-	-	-	-	-	-	-	-	-	-	1U	1U
Hexachlorobenzene	N	0.02	1U	-	-	-	-	-	-	-	-	-	-	-	1U	1U
Hexachlorobutadiene	N	1	1U	-	-	-	-	-	-	-	-	-	-	-	1U	1U
Hexachlorocyclopentadiene	N	40	5U	-	-	-	-	-	-	-	-	-	-	-	5U	5U
Hexachloroethane	N	7	1U	-	-	-	-	-	-	-	-	-	-	-	1U	1U
Indeno(1,2,3-cd)Pyrene	N	0.2	1U	-	-	-	-	-	-	-	-	-	-	-	1U	1U
Isophorone	N	40	1U	-	-	-	-	-	-	-	-	-	-	-	1U	1U
N-Nitrosodi-n-propylamine	N	10	1U	-	-	-	-	-	-	-	-	-	-	-	1U	1U
N-Nitrosodiphenylamine (Diphenylamine)	N	10	2U	-	-	-	-	-	-	-	-	-	-	-	2U	2U
Naphthalene	N	300	11	3	1.6U	5.9U	13U	11U	10U	12U	2.2U	10.0U	12.5U	11.1U	1U	1U
Nitrobenzene	N	6	1U	-	-	-	-	-	-	-	-	-	-	-	1U	1U
p-Chloro-m-cresol	N	NS	1U	-	-	-	-	-	-	-	-	-	-	-	1U	1U
Pentachlorophenol	N	0.3	3U	-	-	-	-	-	-	-	-	-	-	-	3U	3U
Phenanthrene	N	NS	8J	3	2.1U	5.9U	13U	11U	10U	12U	2.2U	10.0U	12.5U	11.1U	1U	1U
Phenol	N	2000	1U	10U	0.67U	5.9U	13U	11U	10U	12U	5.4U	10.0U	12.5U	11.1U	1U	1U
Pyrene	N	200	3J	-	1.6U	5.9U	13U	11U	10U	12U	2.2U	10.0U	12.5U	11.1U	1U	-

Notes:
J = Estimated value
mg/kg = Milligrams per kilogram
NA = No criterion available for the analyte
U = Compound not detected at the reporting level shown
UJ = Compound not detected and value shown is estimated
ug/l = Micrograms per liter
Levels highlighted in yellow are above the soil action level

		Location ID	MW-0030	MW-0030	MW-0030	MW-0030	MW-0030	MW-0030	MW-0030	MW-0030	MW-0030	MW-0030	MW-0030	MW-0030	MW-0030	MW-0030	MW-0030	MW-0030
		Sample Date	06/19/2003	09/03/2003	10/07/2004	06/09/2005	11/02/2005	05/25/2007	11/30/2007	06/26/2008	10/14/2008	06/24/2009	11/17/2009	05/11/2010	10/06/2010	06/01/2011	11/10/2011	02/14/2012
		Field Sample ID	M030B5	M030B6	M030B8X	M030B9X	M030C1X	M030C4X	M030C5X	M030C6X	M030C7X	M030C8X	M030C9X	M030D1X	M030D2X	M030D3X	M030D4X	M030D5X
		SDG	RFE77	RFE85	RFF28	946781	965777	1040018	1067672	1098093	1114995	1150741	RFS20	RFS42	RFS69	RFT26	RFT85	RFU10
		Report Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
		Sample Type	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
		Sample Matrix	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER
		Sample Purpose	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG
Parameter Name	**Filtered**	**GW Action Levels**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**
2,4,5-Trichlorophenol	N	700	1U	1U	1U	10U	1U	1U	1U	1U	1U	0.9U	1U	1UJ	1U	1U	0.5U	0.5U
2,4,6-Trichlorophenol	N	20	1U	1U	1U	10U	1U	1U	1U	1U	1U	0.9U	1U	1UJ	1U	1U	0.5U	0.5U
2,4-Dichlorophenol	N	20	1U	1U	1U	10U	1U	1U	1U	1U	1U	0.9U	1U	1UJ	1U	1U	0.5U	0.5U
2,4-Dimethylphenol	N	100	1U	1U	1U	30U	4U	3U	3U	3U	4U	3U	3U	10UJ	3U	3U	0.5U	0.5U
2,4-Dinitrophenol	N	40	20U	20U	19U	200U	24U	19U	19U	22U	25U	19U	20U	10UJ	10U	10U	10U	11U
2,4-Dinitrotoluene	N	NS	1U	1U	1U	10U	1U	1U	1U	1U	1U	0.9U	1U	1UJ	1U	1U	1U	1U
2,6-Dinitrotoluene	N	NS	1U	1U	1U	10U	1U	1U	1U	1U	1U	0.9U	1U	1UJ	1U	1U	0.5U	0.5U
2-Chloronaphthalene	N	600	1U	1U	1U	10U	1U	2U	2U	2U	2U	2U	2U	2UJ	2U	2U	0.4U	0.4U
2-Chlorophenol (o-Chlorophenol)	N	40	1U	1U	1U	10U	1U	1U	1U	1U	1U	0.9U	1U	1UJ	1U	1U	0.5U	0.5U
2-Methyl-Naphthlalene	N	NS	1U	1U	1U	10U	1U	1U	1U	1U	1U	0.9U	1U	1UJ	1U	1U	0.1U	0.1U
2-Methylphenol (o-Cresol)	N	NS	1U	1U	1U	10U	1U	1U	1U	1U	1U	0.9U	1U	1UJ	1U	1U	0.5U	0.5U
2-Nitroaniline (o-Nitroaniline)	N	NS	1U	1U	1U	10U	1U	1U	1U	1U	1U	0.9U	1U	1UJ	1U	1U	0.5U	0.5U
2-Nitrophenol (o-Nitrophenol)	N	NS	1U	1U	1U	10U	1U	1U	1U	1U	1U	0.9U	1U	1UJ	1U	1U	0.5U	0.5U
3,3'-Dichlorobenzidine	N	30	1U	1U	1U	20U	2U	2U	2U	2U	2U	2U	2U	2UJ	2U	2U	2U	2U
3-Nitroaniline	N	NS	1U	1U	1U	10U	1U	1U	1U	1U	1U	0.9U	1U	1UJ	1U	1U	0.5U	0.5U
4,6-Dinitro-2-methylphenol (4,6-Dinitro-o-cresol)	N	NS	5U	5U	5U	50U	6U	5U	5U	5U	6U	5U	5U	5UJ	5U	5U	5U	5U
4-Bromophenylphenylether	N	NS	1U	1U	1U	10U	1U	1U	1U	1U	1U	0.9U	1U	1UJ	1U	1U	0.5U	0.5U
4-Chloroaniline	N	30	1U	1U	1U	10U	1U	1U	1U	1U	1U	0.9U	1U	1UJ	1U	1U	0.5U	0.5U
4-Chlorophenyl phenyl ether	N	NS	1U	1U	1U	10U	1U	2U	2U	2U	2U	2U	2U	2UJ	2U	2U	0.5U	0.5U
4-Methylphenol (p-Cresol)	N	NS	2U	2U	2U	20U	2U	2U	2U	2U	2U	2U	2U	2UJ	2U	2U	0.5U	0.5U
4-Nitroaniline	N	NS	1U	1U	1U	10U	1U	1U	1U	1U	1U	0.9U	1U	1UJ	1U	1U	0.5U	0.5U
4-Nitrophenol	N	NS	10U	10U	10U	100U	12U	10U	10U	11U	12U	9U	10U	10UJ	10U	10U	10U	11U
Acenaphthene	N	400	1U	1U	1U	10U	1U	1U	1U	1U	1U	0.9U	1U	1UJ	1U	1U	0.1U	0.1U
Acenaphthylene	N	NS	1U	1U	1U	10U	1U	1U	1U	1U	1U	0.9U	1U	1UJ	1U	1U	0.1U	0.1U
Acetophenone	N	700	2U	2U	2U	20U	2U	2U	2U	5J	2U	2U	2U	2UJ	2U	2U	0.5U	0.5U
Anthracene	N	2000	1U	1U	1U	10U	1U	1U	1U	1U	1U	0.9U	1U	1UJ	1U	1U	0.1U	0.1U
Atrazine	N	3	1U	1U	1U	10U	1U	2U	2U	2U	2U	2U	2U	2UJ	2U	2U	2U	2U
Benzaldehyde	N	NS	1U	1U	1U	10U	1U	1U	1U	1U	1U	0.9U	1U	5UJ	1U	1U	1U	1U
Benzo(a)anthracene	N	0.1	1U	1U	1U	10U	1U	1U	1U	1U	1U	0.9U	1U	1UJ	1U	1U	0.1U	0.1U
Benzo(a)pyrene	N	0.1	1U	1U	1U	10U	1U	1U	1U	1U	1U	0.9U	1U	1UJ	1U	1U	0.1U	0.1U
Benzo(b)fluoranthene	N	0.2	1U	1U	1U	10U	1U	1U	1U	1U	1U	0.9U	1U	1UJ	1U	1U	0.1U	0.1U
Benzo(g,h,i)perylene	N	NS	1U	1U	1U	10U	1U	1U	1U	1U	1U	0.9U	1U	1UJ	1U	1U	0.1U	0.1U
Benzo(k)fluoranthene	N	0.5	1U	1U	1U	10U	1U	1U	1U	1U	1U	0.9U	1U	1UJ	1U	1U	0.1U	0.1U
bis(2-Chloroethoxy)methane	N	NS	1U	1U	1U	10U	1U	1U	1U	1U	1U	0.9U	1U	1UJ	1U	1U	0.5U	0.5U

		Location ID	MW-0030	MW-0030	MW-0030	MW-0030	MW-0030	MW-0030	MW-0030	MW-0030	MW-0030	MW-0030	MW-0030	MW-0030	MW-0030	MW-0030	MW-0030	MW-0030
		Sample Date	06/19/2003	09/03/2003	10/07/2004	06/09/2005	11/02/2005	05/25/2007	11/30/2007	06/26/2008	10/14/2008	06/24/2009	11/17/2009	05/11/2010	10/06/2010	06/01/2011	11/10/2011	02/14/2012
		Field Sample ID	M030B5	M030B6	M030B8X	M030B9X	M030C1X	M030C4X	M030C5X	M030C6X	M030C7X	M030C8X	M030C9X	M030D1X	M030D2X	M030D3X	M030D4X	M030D5X
		SDG	RFE77	RFE85	RFF28	946781	965777	1040018	1067672	1098093	1114995	1150741	RFS20	RFS42	RFS69	RFT26	RFT85	RFU10
		Report Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
		Sample Type	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
		Sample Matrix	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER
		Sample Purpose	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG
Parameter Name	**Filtered**	**GW Action Levels**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**
bis(2-Chloroethyl) ether	N	7	1U	1U	1U	10U	1U	1U	1U	1U	1U	0.9U	1U	480UJ	1U	1U	0.5U	0.5U
bis(2-chloroisopropyl) ether	N	3000	1U	1U	1U	10U	1U	1U	1U	1U	1U	0.9U	1U	1UJ	1U	1U	0.5U	0.5U
bis(2-Ethylhexyl)phthalate	N	3	2U	2U	2U	20U	2U	2U	3J	2U	2U	2U	2J	3.22J	2U	2U	2U	2U
Butylbenzylphthalate	N	100	2U	2U	2U	20U	2U	2U	2U	2U	2U	2U	2U	2UJ	2U	2U	2U	2U
Caprolactam	N	NS	5U	5U	5U	50U	6U	5U	5U	5U	6U	5U	5U	5UJ	5U	5U	5U	5U
Carbazole	N	NS	1U	1U	1U	10U	1U	1U	1U	1U	1U	0.9U	1U	1UJ	1U	1U	0.5U	0.5U
Chrysene	N	5	1U	1U	1U	10U	1U	1U	1U	1U	1U	0.9U	1U	1UJ	1U	1U	0.1U	0.1U
Di-n-butylphthalate	N	700	2U	2U	2U	20U	2U	2U	2U	2U	2U	2U	2U	2UJ	2U	2U	2U	2U
Di-n-octylphthalate	N	100	2U	2U	2U	20U	2U	2U	2U	2U	2U	2U	2U	2UJ	2U	2U	2U	2U
Dibenz(a,h)anthracene	N	0.3	1U	1U	1U	10U	1U	1U	1U	1U	1U	0.9U	1U	1UJ	1U	1U	0.1U	0.1U
Dibenzofuran	N	NS	1U	1U	1U	10U	1U	1U	1U	1U	1U	0.9U	1U	1UJ	1U	1U	0.5U	0.5U
Diethylphthalate	N	6000	2U	2U	2U	20U	2U	2U	2U	2U	2U	2U	2U	5UJ	2U	2U	2U	2U
Dimethyl phthalate	N	NS	2U	2U	2U	20U	2U	2U	2U	2U	2U	2U	2U	2UJ	2U	2U	2U	2U
Diphenyl (Biphenyl, Phenyl benzene)	N	400	1U	1U	1U	10U	1U	1U	1U	3J	1U	0.9U	1U	1UJ	1U	1U	0.5U	0.5U
Fluoranthene	N	300	1U	1U	1J	10U	1U	1U	1U	1U	1U	0.9U	1U	1UJ	1U	1U	0.1U	0.1U
Fluorene	N	300	1U	1U	1U	10U	1U	1U	1U	1U	1U	0.9U	1U	1UJ	1U	1U	0.1U	0.1U
Hexachlorobenzene	N	0.02	1U	1U	1U	10U	1U	1U	1U	1U	1U	0.9U	1U	1UJ	1U	1U	0.1U	0.1U
Hexachlorobutadiene	N	1	1U	1U	1U	10U	1U	1U	1U	1U	1U	0.9U	1U	1UJ	1U	1U	0.5U	0.5U
Hexachlorocyclopentadiene	N	40	5U	5U	5U	50U	6U	5U	5U	5U	6U	5U	5U	5UJ	5U	5U	5U	5U
Hexachloroethane	N	7	1U	1U	1U	10U	1U	1U	1U	1U	1U	0.9U	1U	1UJ	1U	1U	1U	1U
Indeno(1,2,3-cd)Pyrene	N	0.2	1U	1U	1U	10U	1U	1U	1U	1U	1U	0.9U	1U	1UJ	1U	1U	0.1U	0.1U
Isophorone	N	40	1U	1U	1U	10U	1U	1U	1U	1U	1U	0.9U	1U	1UJ	1U	1U	0.5U	0.5U
N-Nitrosodi-n-propylamine	N	10	1U	1U	1U	10U	1U	1U	1U	1U	1U	0.9U	1U	1UJ	1U	1U	0.5U	0.5U
N-Nitrosodiphenylamine (Diphenylamine)	N	10	2U	2U	2U	20U	2U	2U	2U	2U	2U	2U	2U	2UJ	2U	2U	0.5U	0.5U
Naphthalene	N	300	1U	1U	1U	10U	1U	1U	1U	1U	1U	0.9U	1U	5UJ	1U	1U	0.1U	0.2J
Nitrobenzene	N	6	1U	1U	1U	10U	1U	1U	1U	1U	1U	0.9U	1U	1UJ	1U	1U	0.5U	0.5U
p-Chloro-m-cresol	N	NS	1U	1U	1U	10U	1U	1U	1U	1U	1U	0.9U	1U	1UJ	1U	1U	0.5U	0.5U
Pentachlorophenol	N	0.3	3U	3U	3U	30U	4U	3U	3U	3U	4U	3U	3U	3UJ	3U	3U	1U	1U
Phenanthrene	N	NS	1U	1U	1U	10U	1U	1U	1U	1J	1U	0.9U	1U	1UJ	1U	1U	0.1U	0.1U
Phenol	N	2000	1U	1U	1U	10U	1U	1U	1U	1U	1U	0.9U	1U	1UJ	1U	1U	0.5U	0.5U
Pyrene	N	200	1U	1U	1J	10U	1U	1U	1U	1U	1U	0.9U	1U	1UJ	1U	1U	0.1U	0.1J

Notes:
J = Estimated value
mg/kg = Milligrams per kilogram
NA = No criterion available for the analyte
U = Compound not detected at the reporting level shown
UJ = Compound not detected and value shown is estimated
ug/l = Micrograms per liter
Levels highlighted in yellow are above the soil action level

		Location ID	MW-0030	MW-0030	MW-0030	MW-0030	MW-0030	MW-0030	MW-0030	MW-0030	MW-0031	MW-0031	MW-0031	MW-0031	MW-0031	MW-0031	MW-0031
		Sample Date	08/07/2012	03/05/2013	09/24/2013	06/03/2014	11/07/2014	06/30/2015	09/30/2015	03/10/2016	04/08/1997	09/16/1997	09/11/1998	02/19/1999	10/05/1999	02/01/2000	11/17/2000
		Field Sample ID	M030D6X	M030D7X	M030D8X	M030D9X	M030E1X	M030E2X	M030E3X	M030E4X	MW-0031-A1	MW-0031-A2	M031A3X	M031A4	M031A5	M031A6	M031A7
		SDG	RFV25	RFX90	CS014	CS108	CS183	CS256	CS292	CS371	E20285	E25691	E39319	90656	93965	00399	B2465
		Report Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
		Sample Type	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
		Sample Matrix	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER
		Sample Purpose	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG
Parameter Name	**Filtered**	**GW Action Levels**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**
2,4,5-Trichlorophenol	N	700	0.5U	0.6U	0.5U	0.6U	0.6U	0.5U	0.5U	0.5U	-	-	-	-	-	-	-
2,4,6-Trichlorophenol	N	20	0.5U	0.6U	0.5U	0.6U	0.6U	0.5U	0.5U	0.5U	-	-	-	-	-	-	-
2,4-Dichlorophenol	N	20	0.5U	0.6U	0.5U	0.6U	0.6U	0.5U	0.5U	0.5U	-	-	-	-	-	-	-
2,4-Dimethylphenol	N	100	0.5U	0.6U	0.5U	0.6U	0.6U	0.5U	0.5U	0.5U	1.9	1.4U	5.5U	12U	11U	10U	10U
2,4-Dinitrophenol	N	40	11U	11U	11U	12U	12U	11U	10U	10U	1.3U	1.1U	22U	25U	22U	20U	20U
2,4-Dinitrotoluene	N	NS	1U	1U	1U	1U	1U	1U	1U	1U	-	-	-	-	-	-	-
2,6-Dinitrotoluene	N	NS	0.5U	0.6U	0.5U	0.6U	0.6U	0.5U	0.5U	0.5U	-	-	-	-	-	-	-
2-Chloronaphthalene	N	600	0.4U	0.5U	0.4U	0.5U	0.5U	0.4U	0.4U	0.4U	-	-	-	-	-	-	-
2-Chlorophenol (o-Chlorophenol)	N	40	0.5U	0.6U	0.5U	0.6U	0.6U	0.5U	0.5U	0.5U	-	-	-	-	-	-	-
2-Methyl-Naphthlalene	N	NS	0.1U	0.1U	0.1U	0.1U	0.2J	0.1U	0.1U	0.1U	2U	1.2U	5.5U	12U	11U	10U	10U
2-Methylphenol (o-Cresol)	N	NS	0.5U	0.6U	0.5U	0.6U	0.6U	0.5U	0.5U	0.5U	1.7U	0.91U	5.5U	12U	11U	10U	10U
2-Nitroaniline (o-Nitroaniline)	N	NS	0.5U	0.6U	0.5U	0.6U	0.6U	0.5U	0.5U	0.5U	-	-	-	-	-	-	-
2-Nitrophenol (o-Nitrophenol)	N	NS	0.5U	0.6U	0.5U	0.6U	0.6U	0.5U	0.5U	0.5U	-	-	-	-	-	-	-
3,3'-Dichlorobenzidine	N	30	2U	2U	2U	2U	2U	2U	2U	2U	-	-	-	-	-	-	-
3-Nitroaniline	N	NS	0.5U	0.6U	0.5U	0.6U	0.6U	0.5U	0.5U	0.5U	-	-	-	-	-	-	-
4,6-Dinitro-2-methylphenol (4,6-Dinitro-o-cresol)	N	NS	5U	6U	5U	6U	6U	5U	5U	5U	-	-	-	-	-	-	-
4-Bromophenylphenylether	N	NS	0.5U	0.6U	0.5U	0.6U	0.6U	0.5U	0.5U	0.5U	-	-	-	-	-	-	-
4-Chloroaniline	N	30	0.5U	0.6U	0.5U	0.6U	0.6U	2U	2U	2U	-	-	-	-	-	-	-
4-Chlorophenyl phenyl ether	N	NS	0.5U	0.6U	0.5U	0.6U	0.6U	0.5U	0.5U	0.5U	-	-	-	-	-	-	-
4-Methylphenol (p-Cresol)	N	NS	0.5U	0.6U	0.5U	0.6U	0.6U	0.5U	0.5U	0.5U	-	-	-	-	-	10U	10U
4-Nitroaniline	N	NS	0.5U	0.6U	0.5U	0.6U	0.6U	0.5U	0.5U	0.5U	-	-	-	-	-	-	-
4-Nitrophenol	N	NS	11U	11U	11U	12U	12U	11U	10U	10U	0.77U	0.99U	22U	25U	22U	20U	20U
Acenaphthene	N	400	0.1U	0.1U	0.1U	0.1U	0.1U	0.1U	0.1U	0.1U	-	-	-	-	-	-	-
Acenaphthylene	N	NS	0.1U	0.1U	0.1U	0.1U	0.1U	0.1U	0.1U	0.1U	-	-	-	-	-	-	-
Acetophenone	N	700	0.5U	0.6U	0.5U	0.6U	0.6U	0.5U	0.5U	0.5U	-	-	-	-	-	-	-
Anthracene	N	2000	0.1U	0.1U	0.1U	0.1U	0.1U	0.1U	0.1U	0.1U	1.6U	1.2U	5.5U	12U	11U	10U	10U
Atrazine	N	3	2U	2U	2U	2U	2U	2U	2U	2U	-	-	-	-	-	-	-
Benzaldehyde	N	NS	1U	1U	1U	1U	1U	1U	1U	1U	-	-	-	-	-	-	-
Benzo(a)anthracene	N	0.1	0.1U	0.1U	0.1U	0.1U	0.1U	0.1U	0.1U	0.1U	1.2U	1.2U	5.5U	12U	11U	10U	10U
Benzo(a)pyrene	N	0.1	0.1U	0.1U	0.1U	0.1U	0.1U	0.1U	0.1U	0.1U	1.2U	1.4U	5.5U	12U	11U	10U	10U
Benzo(b)fluoranthene	N	0.2	0.1U	0.1U	0.1U	0.1U	0.1U	0.1U	0.1U	0.1U	2.5U	1.3U	5.5U	12U	11U	10U	10U
Benzo(g,h,i)perylene	N	NS	0.1U	0.1U	0.1U	0.1U	0.1U	0.1U	0.1U	0.1U	-	-	-	-	-	-	-
Benzo(k)fluoranthene	N	0.5	0.1U	0.1U	0.1U	0.1U	0.1U	0.1U	0.1U	0.1U	1.8U	1.4U	5.5U	12U	11U	10U	10U
bis(2-Chloroethoxy)methane	N	NS	0.5U	0.6U	0.5U	0.6U	0.6U	0.5U	0.5U	0.5U	-	-	-	-	-	-	-

		Location ID	MW-0030	MW-0030	MW-0030	MW-0030	MW-0030	MW-0030	MW-0030	MW-0030	MW-0031	MW-0031	MW-0031	MW-0031	MW-0031	MW-0031	MW-0031
		Sample Date	08/07/2012	03/05/2013	09/24/2013	06/03/2014	11/07/2014	06/30/2015	09/30/2015	03/10/2016	04/08/1997	09/16/1997	09/11/1998	02/19/1999	10/05/1999	02/01/2000	11/17/2000
		Field Sample ID	M030D6X	M030D7X	M030D8X	M030D9X	M030E1X	M030E2X	M030E3X	M030E4X	MW-0031-A1	MW-0031-A2	M031A3X	M031A4	M031A5	M031A6	M031A7
		SDG	RFV25	RFX90	CS014	CS108	CS183	CS256	CS292	CS371	E20285	E25691	E39319	90656	93965	00399	B2465
		Report Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
		Sample Type	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
		Sample Matrix	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER
		Sample Purpose	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG
Parameter Name	**Filtered**	**GW Action Levels**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**
bis(2-Chloroethyl) ether	N	7	0.5U	0.6U	0.5U	0.6U	0.6U	0.5U	0.5U	0.5U	-	-	-	-	-	-	-
bis(2-chloroisopropyl) ether	N	3000	0.5U	0.6U	0.5U	0.6U	0.6U	0.5U	0.5U	0.5U	-	-	-	-	-	-	-
bis(2-Ethylhexyl)phthalate	N	3	2U	2U	2U	2U	2U	2U	2U	2U	2.1U	1.5U	5.5U	12U	2	10U	10U
Butylbenzylphthalate	N	100	2U	2U	2U	2U	2U	2U	2U	2U	2.1U	1.5U	5.5U	12U	11U	10U	10U
Caprolactam	N	NS	5U	6U	5U	6U	6U	5U	5U	5U	-	-	-	-	-	-	-
Carbazole	N	NS	0.5U	0.6U	0.5U	0.6U	0.6U	0.5U	0.5U	0.5U	-	-	-	-	-	-	-
Chrysene	N	5	0.1U	0.1U	0.1U	0.1U	0.1U	0.1U	0.1U	0.1U	0.83U	1.5U	5.5U	12U	11U	10U	10U
Di-n-butylphthalate	N	700	2U	2U	2U	2U	2U	2U	2U	2U	2.2U	1.4U	5.5U	12U	11U	10U	10U
Di-n-octylphthalate	N	100	2U	2U	2U	2U	2U	2U	2U	2U	1.6U	1.5	5.5U	12U	11U	10U	10U
Dibenz(a,h)anthracene	N	0.3	0.1U	0.1U	0.1U	0.1U	0.1U	0.1U	0.1U	0.1U	1.4U	1.6U	5.5U	12U	11U	10U	10U
Dibenzofuran	N	NS	0.5U	0.6U	0.5U	0.6U	0.6U	0.5U	0.5U	0.5U	-	-	-	-	-	-	-
Diethylphthalate	N	6000	2U	2U	2U	2U	2U	2U	2U	2U	2.7U	1.5U	5.5U	12U	11U	10U	0.4
Dimethyl phthalate	N	NS	2U	2U	2U	2U	2U	2U	2U	2U	3U	1.5U	5.5U	12U	11U	10U	10U
Diphenyl (Biphenyl, Phenyl benzene)	N	400	0.5U	0.6U	0.5U	0.6U	0.6U	0.5U	0.5U	0.5U	-	-	-	-	-	-	-
Fluoranthene	N	300	0.1U	0.1U	0.1U	0.1U	0.1U	0.1U	0.1U	0.1U	1.3U	1.2U	5.5U	12U	11U	10U	10U
Fluorene	N	300	0.1U	0.1U	0.1U	0.1U	0.1U	0.1J	0.1U	0.1U	-	-	-	-	-	-	-
Hexachlorobenzene	N	0.02	0.1U	0.1U	0.1U	0.1U	0.1U	0.1U	0.1U	0.1U	-	-	-	-	-	-	-
Hexachlorobutadiene	N	1	0.5U	0.6U	0.5U	0.6U	0.6U	0.5U	0.5U	0.5U	-	-	-	-	-	-	-
Hexachlorocyclopentadiene	N	40	5U	6U	5U	6U	6U	5U	5U	5U	-	-	-	-	-	-	-
Hexachloroethane	N	7	1U	1U	1U	1U	1U	1U	1U	1U	-	-	-	-	-	-	-
Indeno(1,2,3-cd)Pyrene	N	0.2	0.1U	0.1U	0.1U	0.1U	0.1U	0.1U	0.1U	0.1U	-	-	-	-	-	-	-
Isophorone	N	40	0.5U	0.6U	0.5U	0.6U	0.6U	0.5U	0.5U	0.5U	-	-	-	-	-	-	-
N-Nitrosodi-n-propylamine	N	10	0.5U	0.6U	0.5U	0.6U	0.6U	0.5U	0.5U	0.5U	-	-	-	-	-	-	-
N-Nitrosodiphenylamine (Diphenylamine)	N	10	0.5U	0.6U	0.5U	0.6U	0.6U	0.5U	0.5U	0.5U	-	-	-	-	-	-	-
Naphthalene	N	300	0.1J	0.1U	0.1U	0.2J	0.4J	0.2J	0.1U	0.1U	1.6U	1.3U	5.5U	12U	11U	10U	10U
Nitrobenzene	N	6	0.5U	0.6U	0.5U	0.6U	0.6U	0.5U	0.5U	0.5U	-	-	-	-	-	-	-
p-Chloro-m-cresol	N	NS	0.5U	0.6U	0.5U	0.6U	0.6U	0.5U	0.5U	0.5U	-	-	-	-	-	-	-
Pentachlorophenol	N	0.3	1U	1U	1U	1U	1U	1U	1U	1U	-	-	-	-	-	-	-
Phenanthrene	N	NS	0.1U	0.1U	0.1U	0.1U	0.2J	0.2J	0.1U	0.1U	2.1U	1.3U	5.5U	12U	11U	10U	10U
Phenol	N	2000	0.5U	0.6U	0.5U	0.6U	0.6U	0.5U	0.5U	0.5U	0.67U	1.2U	5.5U	12U	11U	10U	10U
Pyrene	N	200	0.1J	0.1U	0.1U	0.1U	0.2J	0.1J	0.1U	0.1U	1.6U	1.4U	5.5U	12U	11U	10U	10U

Notes:
J = Estimated value
mg/kg = Milligrams per kilogram
NA = No criterion available for the analyte
U = Compound not detected at the reporting level shown
UJ = Compound not detected and value shown is estimated
ug/l = Micrograms per liter
Levels highlighted in yellow are above the soil action level

		Location ID	MW-0031	MW-0031	MW-0031	MW-0031	MW-0031	MW-0031	MW-0031	MW-0031	MW-0031	MW-0031	MW-0031	MW-0031	MW-0031	MW-0031	MW-0031	MW-0031
		Sample Date	02/05/2002	07/31/2002	08/08/2002	12/03/2002	03/13/2003	06/11/2003	08/28/2003	06/15/2004	10/05/2004	06/09/2005	11/02/2005	11/16/2006	05/31/2007	11/30/2007	06/19/2008	10/14/2008
		Field Sample ID	M031A9	M031B2	M031B2TY	M031B3Y	M031B4Y	M031B5	M031B6	M031B7A	M031B8X	M031B9X	M031C1X	M031C3X	M031C4X	M031C5X	M031C6X	M031C7X
		SDG	270693	295373	296626	RFE43	RFE67	RFE76	RFE85	RFF14	RFF27	946781	965777	1014679	1040574	1067672	1098093	1114995
		Report Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
		Sample Type	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
		Sample Matrix	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER
		Sample Purpose	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG
Parameter Name	**Filtered**	**GW Action Levels**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**
2,4,5-Trichlorophenol	N	700	-	-	-	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1UJ	1U
2,4,6-Trichlorophenol	N	20	-	-	-	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1UJ	1U
2,4-Dichlorophenol	N	20	-	-	-	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1UJ	1U
2,4-Dimethylphenol	N	100	10.0U	10.0U	11.1U	1U	1U	1U	1U	1U	1U	3U	3U	3U	3U	3U	3UJ	3U
2,4-Dinitrophenol	N	40	10.0U	10.0U	11.1U	22U	21U	20U	21U	21U	19U	20U	20U	19U	19U	19U	19UJ	20U
2,4-Dinitrotoluene	N	NS	-	-	-	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1UJ	1U
2,6-Dinitrotoluene	N	NS	-	-	-	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1UJ	1U
2-Chloronaphthalene	N	600	-	-	-	1U	1U	1U	1U	1U	1U	1U	1U	2U	2U	2U	2UJ	2U
2-Chlorophenol (o-Chlorophenol)	N	40	-	-	-	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1UJ	1U
2-Methyl-Naphthlalene	N	NS	10.0U	10.0U	11.1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1J	1J	2J
2-Methylphenol (o-Cresol)	N	NS	10.0U	10.0U	11.1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1UJ	1U
2-Nitroaniline (o-Nitroaniline)	N	NS	-	-	-	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1UJ	1U
2-Nitrophenol (o-Nitrophenol)	N	NS	-	-	-	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1UJ	1U
3,3'-Dichlorobenzidine	N	30	-	-	-	1U	1U	1U	1U	1U	1U	2U	2U	2U	2U	2U	2UJ	2U
3-Nitroaniline	N	NS	-	-	-	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1UJ	1U
4,6-Dinitro-2-methylphenol (4,6-Dinitro-o-cresol)	N	NS	-	-	-	6U	5U	5U	5U	5U	5U	5U	5U	5U	5U	5U	5UJ	5U
4-Bromophenylphenylether	N	NS	-	-	-	-	-	1U	1U	1U	1U	1U	1U	1U	1U	1U	1UJ	1U
4-Chloroaniline	N	30	-	-	-	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1UJ	1U
4-Chlorophenyl phenyl ether	N	NS	-	-	-	1U	1U	1U	1U	1U	1U	1U	1U	2U	2U	2U	2UJ	2U
4-Methylphenol (p-Cresol)	N	NS	10.0U	10.0U	11.1U	2U	2U	2U	2U	2U	2U	2U	2U	2U	2U	2U	2UJ	2U
4-Nitroaniline	N	NS	-	-	-	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1UJ	1U
4-Nitrophenol	N	NS	10.0U	10.0U	11.1U	11U	10U	10U	11U	11U	10U	10U	10U	10U	10U	10U	10UJ	10U
Acenaphthene	N	400	-	-	-	24	15	26	33	23	25	15	14	21	13	17	24J	26
Acenaphthylene	N	NS	-	-	-	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1UJ	1U
Acetophenone	N	700	-	-	-	2U	2U	2U	2U	2U	2U	2U	2U	2U	2U	2U	2UJ	2U
Anthracene	N	2000	10.0U	10.0U	11.1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1UJ	1U
Atrazine	N	3	-	-	-	1U	1U	1U	1U	1U	1U	1U	1U	2U	2U	2U	2UJ	2U
Benzaldehyde	N	NS	-	-	-	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1UJ	1U
Benzo(a)anthracene	N	0.1	10.0U	10.0U	11.1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1UJ	1U
Benzo(a)pyrene	N	0.1	10.0U	10.0U	11.1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1UJ	1U
Benzo(b)fluoranthene	N	0.2	10.0U	10.0U	11.1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1UJ	1U
Benzo(g,h,i)perylene	N	NS	-	-	-	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1UJ	1U
Benzo(k)fluoranthene	N	0.5	10.0U	10.0U	11.1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1UJ	1U
bis(2-Chloroethoxy)methane	N	NS	-	-	-	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1UJ	1U

		Location ID	MW-0031	MW-0031	MW-0031	MW-0031	MW-0031	MW-0031	MW-0031	MW-0031	MW-0031	MW-0031	MW-0031	MW-0031	MW-0031	MW-0031	MW-0031	MW-0031
		Sample Date	02/05/2002	07/31/2002	08/08/2002	12/03/2002	03/13/2003	06/11/2003	08/28/2003	06/15/2004	10/05/2004	06/09/2005	11/02/2005	11/16/2006	05/31/2007	11/30/2007	06/19/2008	10/14/2008
		Field Sample ID	M031A9	M031B2	M031B2TY	M031B3Y	M031B4Y	M031B5	M031B6	M031B7A	M031B8X	M031B9X	M031C1X	M031C3X	M031C4X	M031C5X	M031C6X	M031C7X
		SDG	270693	295373	296626	RFE43	RFE67	RFE76	RFE85	RFF14	RFF27	946781	965777	1014679	1040574	1067672	1098093	1114995
		Report Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
		Sample Type	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
		Sample Matrix	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER
		Sample Purpose	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG
Parameter Name	**Filtered**	**GW Action Levels**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**
bis(2-Chloroethyl) ether	N	7	-	-	-	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1UJ	1U
bis(2-chloroisopropyl) ether	N	3000	-	-	-	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1UJ	1U
bis(2-Ethylhexyl)phthalate	N	3	10.0U	10.0U	11.1U	2U	2U	2U	2U	2U	2U	2U	2U	2U	2U	2U	2UJ	2U
Butylbenzylphthalate	N	100	10.0U	10.0U	11.1U	2U	2U	2U	2U	2U	2U	2U	2U	2U	2U	2U	2UJ	2U
Caprolactam	N	NS	-	-	-	6U	5U	5U	5U	5U	5U	5U	5U	5U	5U	5U	5UJ	5U
Carbazole	N	NS	-	-	-	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1UJ	1U
Chrysene	N	5	10.0U	10.0U	11.1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1UJ	1U
Di-n-butylphthalate	N	700	10.0U	10.0U	11.1U	2U	2U	2U	2U	2U	2U	2U	2U	2U	2U	2U	2UJ	2U
Di-n-octylphthalate	N	100	10.0U	10.0U	11.1U	2U	2U	2U	2U	2U	2U	2U	2U	2U	2U	2U	2UJ	2U
Dibenz(a,h)anthracene	N	0.3	10.0U	10.0U	11.1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1UJ	1U
Dibenzofuran	N	NS	-	-	-	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1UJ	1U
Diethylphthalate	N	6000	10.0U	10.0U	11.1U	2U	2U	2U	2U	2U	2U	2U	2U	2U	2U	2U	2UJ	2U
Dimethyl phthalate	N	NS	10.0U	10.0U	11.1U	2U	2U	2U	2U	2U	2U	2U	2U	2U	2U	2U	2UJ	2U
Diphenyl (Biphenyl, Phenyl benzene)	N	400	-	-	-	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1UJ	1U
Fluoranthene	N	300	10.0U	10.0U	11.1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1UJ	1U
Fluorene	N	300	-	-	-	2J	1J	2J	3J	2J	2J	1U	2J	3J	1J	3J	5J	5
Hexachlorobenzene	N	0.02	-	-	-	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1UJ	1U
Hexachlorobutadiene	N	1	-	-	-	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1UJ	1U
Hexachlorocyclopentadiene	N	40	-	-	-	6U	5U	5U	5U	5U	5U	5U	5U	5U	5U	5U	5UJ	5U
Hexachloroethane	N	7	-	-	-	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1UJ	1U
Indeno(1,2,3-cd)Pyrene	N	0.2	-	-	-	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1UJ	1U
Isophorone	N	40	-	-	-	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1UJ	1U
N-Nitrosodi-n-propylamine	N	10	-	-	-	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1UJ	1U
N-Nitrosodiphenylamine (Diphenylamine)	N	10	-	-	-	2U	2U	2U	2U	2U	2U	2U	2U	2U	2U	2U	2UJ	2U
Naphthalene	N	300	10.0U	10.0U	11.1U	2J	1J	3J	3J	1U	1U	4J	12J	3J	1U	27J	26J	9J
Nitrobenzene	N	6	-	-	-	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1UJ	1U
p-Chloro-m-cresol	N	NS	-	-	-	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1UJ	1U
Pentachlorophenol	N	0.3	-	-	-	3U	3U	3U	3U	3U	3U	3U	3U	3U	3U	3U	3UJ	3U
Phenanthrene	N	NS	10.0U	10.0U	11.1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1UJ	1U
Phenol	N	2000	10.0U	10.0U	11.1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1UJ	1U
Pyrene	N	200	10.0U	10.0U	11.1U	1U	-	1U	1U	1U	1U	1U	1U	1U	1U	1U	1UJ	1U

Notes:
J = Estimated value
mg/kg = Milligrams per kilogram
NA = No criterion available for the analyte
U = Compound not detected at the reporting level shown
UJ = Compound not detected and value shown is estimated
ug/l = Micrograms per liter
Levels highlighted in yellow are above the soil action level

		Location ID	MW-0031	MW-0031	MW-0031	MW-0031	MW-0031	MW-0031	MW-0031	MW-0031	MW-0031R	MW-0031R	MW-0031R	MW-0031R	MW-0031R	MW-0031R	MW-0031R	MW-136
		Sample Date	06/24/2009	11/17/2009	05/11/2010	10/06/2010	06/01/2011	11/10/2011	02/14/2012	08/07/2012	04/25/2013	09/24/2013	06/05/2014	11/07/2014	02/13/2015	09/30/2015	03/10/2016	11/26/2002
		Field Sample ID	M031C8X	M031C9X	M031D1X	M031D2X	M031D3X	M031D4X	M031D5X	M031D6X	M031RA1X	M031RA2X	M031RA3X	M031RA4X	M031RA5X	M031RA6X	M031RA7X	M136A1X
		SDG	1150741	RFS20	RFS42	RFS69	RFT26	RFT85	RFU10	RFV25	RFZ13	CS014	CS109	CS183	CS201	CS292	CS371	RFE42
		Report Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
		Sample Type	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
		Sample Matrix	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER
		Sample Purpose	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG
Parameter Name	**Filtered**	**GW Action Levels**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**
2,4,5-Trichlorophenol	N	700	1U	1U	1U	1U	1U	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U	0.6U	0.6U	0.5U	0.5U	0.9U
2,4,6-Trichlorophenol	N	20	1U	1U	1U	1U	1U	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U	0.6U	0.6U	0.5U	0.5U	0.9U
2,4-Dichlorophenol	N	20	1U	1U	1U	1U	1U	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U	0.6U	0.6U	0.5U	0.5U	0.9U
2,4-Dimethylphenol	N	100	4U	3U	3U	4U	4U	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U	0.6U	0.6U	0.5U	0.5U	0.9U
2,4-Dinitrophenol	N	40	25U	20U	10U	12U	12U	10U	10U	10U	10U	11U	10U	11U	11U	10U	10U	19U
2,4-Dinitrotoluene	N	NS	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	0.9U
2,6-Dinitrotoluene	N	NS	1U	1U	1U	1U	1U	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U	0.6U	0.6U	0.5U	0.5U	0.9U
2-Chloronaphthalene	N	600	3U	2U	2U	2U	2U	0.4U	0.4U	0.4U	0.4U	0.4U	0.4U	0.5U	0.4U	0.4U	0.4U	0.9U
2-Chlorophenol (o-Chlorophenol)	N	40	1U	1U	1U	1U	1U	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U	0.6U	0.6U	0.5U	0.5U	0.9U
2-Methyl-Naphthlalene	N	NS	1U	1U	1U	1U	1U	0.4J	0.2J	2	0.1J	0.1U	0.1U	0.2J	0.2J	0.1U	0.1U	0.9U
2-Methylphenol (o-Cresol)	N	NS	1U	1U	1U	1U	1U	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U	0.6U	0.6U	0.5U	0.5U	0.9U
2-Nitroaniline (o-Nitroaniline)	N	NS	1U	1U	1U	1U	1U	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U	0.6U	0.6U	0.5U	0.5U	0.9U
2-Nitrophenol (o-Nitrophenol)	N	NS	1U	1U	1U	1U	1U	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U	0.6U	0.6U	0.5U	0.5U	0.9U
3,3'-Dichlorobenzidine	N	30	3U	2U	2U	2U	2U	2U	2U	2U	2U	2U	2U	2U	2U	2U	2U	0.9U
3-Nitroaniline	N	NS	1U	1U	1U	1U	1U	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U	0.6U	0.6U	0.5U	0.5U	0.9U
4,6-Dinitro-2-methylphenol (4,6-Dinitro-o-cresol)	N	NS	6U	5U	5U	6U	6U	5U	5U	5U	5U	5U	5U	6U	6U	5U	5U	5U
4-Bromophenylphenylether	N	NS	1U	1U	1U	1U	1U	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U	0.6U	0.6U	0.5U	0.5U	-
4-Chloroaniline	N	30	1U	1U	1U	1U	1U	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U	0.6U	0.6U	2U	2U	0.9U
4-Chlorophenyl phenyl ether	N	NS	3U	2U	2U	2U	2U	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U	0.6U	0.6U	0.5U	0.5U	0.9U
4-Methylphenol (p-Cresol)	N	NS	3U	2U	2U	2U	2U	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U	0.6U	0.6U	0.5U	0.5U	2U
4-Nitroaniline	N	NS	1U	1U	1U	1U	1U	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U	0.6U	0.6U	0.5U	0.5U	0.9U
4-Nitrophenol	N	NS	13U	10U	10U	12U	12U	10U	10U	10U	10U	11U	10U	11U	11U	10U	10U	9U
Acenaphthene	N	400	21	11	18	17	15	20	13	25	6	7	10	11	10	13	14	12
Acenaphthylene	N	NS	1U	1U	1U	1U	1U	0.2J	0.1U	0.2J	0.1U	0.1U	0.1U	0.1U	0.1U	0.1U	0.1U	0.9U
Acetophenone	N	700	3U	2U	2U	2U	2U	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U	0.6U	0.6U	0.5U	0.5U	2U
Anthracene	N	2000	1U	1U	1U	1U	1U	0.3J	0.2J	0.5J	0.1U	0.1U	0.1J	0.1U	0.1J	0.2J	0.2J	0.9U
Atrazine	N	3	3U	2U	2U	2U	2U	2U	2U	2U	2U	2U	2U	2U	2U	2U	2U	0.9U
Benzaldehyde	N	NS	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	0.9U
Benzo(a)anthracene	N	0.1	1U	1U	1U	1U	1U	0.1U	0.1U	0.1U	0.1U	0.1U	0.1U	0.1U	0.1U	0.1U	0.1U	0.9U
Benzo(a)pyrene	N	0.1	1U	1U	1U	1U	1U	0.1U	0.1U	0.1U	0.1U	0.1U	0.1U	0.1U	0.1U	0.1U	0.1U	0.9U
Benzo(b)fluoranthene	N	0.2	1U	1U	1U	1U	1U	0.1U	0.1U	0.1U	0.1U	0.1U	0.1U	0.1U	0.1U	0.1U	0.1U	0.9U
Benzo(g,h,i)perylene	N	NS	1U	1U	1U	1U	1U	0.1U	0.1U	0.1U	0.1U	0.1U	0.1U	0.1U	0.1U	0.1U	0.1U	0.9U
Benzo(k)fluoranthene	N	0.5	1U	1U	1U	1U	1U	0.1U	0.1U	0.1U	0.1U	0.1U	0.1U	0.1U	0.1U	0.1U	0.1U	0.9U
bis(2-Chloroethoxy)methane	N	NS	1U	1U	1U	1U	1U	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U	0.6U	0.6U	0.5U	0.5U	0.9U

		Location ID	MW-0031	MW-0031	MW-0031	MW-0031	MW-0031	MW-0031	MW-0031	MW-0031	MW-0031R	MW-0031R	MW-0031R	MW-0031R	MW-0031R	MW-0031R	MW-0031R	MW-136
		Sample Date	06/24/2009	11/17/2009	05/11/2010	10/06/2010	06/01/2011	11/10/2011	02/14/2012	08/07/2012	04/25/2013	09/24/2013	06/05/2014	11/07/2014	02/13/2015	09/30/2015	03/10/2016	11/26/2002
		Field Sample ID	M031C8X	M031C9X	M031D1X	M031D2X	M031D3X	M031D4X	M031D5X	M031D6X	M031RA1X	M031RA2X	M031RA3X	M031RA4X	M031RA5X	M031RA6X	M031RA7X	M136A1X
		SDG	1150741	RFS20	RFS42	RFS69	RFT26	RFT85	RFU10	RFV25	RFZ13	CS014	CS109	CS183	CS201	CS292	CS371	RFE42
		Report Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
		Sample Type	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
		Sample Matrix	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER
		Sample Purpose	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG
Parameter Name	**Filtered**	**GW Action Levels**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**
bis(2-Chloroethyl) ether	N	7	1U	1U	1U	1U	1U	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U	0.6U	0.6U	0.5U	0.5U	0.9U
bis(2-chloroisopropyl) ether	N	3000	1U	1U	1U	1U	1U	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U	0.6U	0.6U	0.5U	0.5U	0.9U
bis(2-Ethylhexyl)phthalate	N	3	3U	2U	2U	2U	2U	2U	2U	2U	2U	2U	2U	2U	2U	3J	2U	2U
Butylbenzylphthalate	N	100	3U	2U	2U	2U	2U	2U	2U	2U	2U	2U	2U	2U	2U	2U	2U	2U
Caprolactam	N	NS	6U	5U	5U	6U	6U	5U	5U	5U	5U	5U	5U	6U	6U	5U	5U	5U
Carbazole	N	NS	1U	1U	1U	1U	1U	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U	0.6U	0.6U	0.5U	0.5U	0.9U
Chrysene	N	5	1U	1U	1U	1U	1U	0.1U	0.1U	0.1U	0.1U	0.1U	0.1U	0.1U	0.1U	0.1U	0.1U	0.9U
Di-n-butylphthalate	N	700	3U	2U	2U	2U	2U	2U	2U	2U	2U	2U	2U	2U	2U	2U	2U	2U
Di-n-octylphthalate	N	100	3U	2U	2U	2U	2U	2U	2U	2U	2U	2U	2U	2U	2U	2U	2U	2U
Dibenz(a,h)anthracene	N	0.3	1U	1U	1U	1U	1U	0.1U	0.1U	0.1U	0.1U	0.1U	0.1U	0.1U	0.1U	0.1U	0.1U	0.9U
Dibenzofuran	N	NS	1U	1U	1U	1U	1U	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U	0.6U	0.6U	0.5U	0.5U	0.9U
Diethylphthalate	N	6000	3U	2U	2U	2U	2U	2U	2U	2U	2U	2U	2U	2U	2U	2U	2U	2U
Dimethyl phthalate	N	NS	3U	2U	2U	2U	2U	2U	2U	2U	2U	2U	2U	2U	2U	2U	2U	2U
Diphenyl (Biphenyl, Phenyl benzene)	N	400	1U	1U	1U	1U	1U	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U	0.6U	0.6U	0.5U	0.5U	0.9U
Fluoranthene	N	300	1U	1U	1U	1U	1U	0.1U	0.1U	0.1J	0.1U	0.1U	0.1U	0.1U	0.1U	0.2J	0.1U	0.9U
Fluorene	N	300	5J	2J	3J	4J	4J	3	3	6	1	1	2	2	2	2	2	2J
Hexachlorobenzene	N	0.02	1U	1U	1U	1U	1U	0.1U	0.1U	0.1U	0.1U	0.1U	0.1U	0.1U	0.1U	0.1U	0.1U	0.9U
Hexachlorobutadiene	N	1	1U	1U	1U	1U	1U	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U	0.6U	0.6U	0.5U	0.5U	0.9U
Hexachlorocyclopentadiene	N	40	6U	5U	5U	6U	6U	5U	5U	5U	5U	5U	5U	6U	6U	5U	5U	5U
Hexachloroethane	N	7	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	0.9U
Indeno(1,2,3-cd)Pyrene	N	0.2	1U	1U	1U	1U	1U	0.1U	0.1U	0.1U	0.1U	0.1U	0.1U	0.1U	0.1U	0.1U	0.1U	0.9U
Isophorone	N	40	1U	1U	1U	1U	1U	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U	0.6U	0.6U	0.5U	0.5U	0.9U
N-Nitrosodi-n-propylamine	N	10	1U	1U	1U	1U	1U	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U	0.6U	0.6U	0.5U	0.5U	0.9U
N-Nitrosodiphenylamine (Diphenylamine)	N	10	3U	2U	2U	2U	2U	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U	0.6U	0.6U	0.5U	0.5U	2U
Naphthalene	N	300	16	12	4J	5J	9	7	3	23	1	0.3J	2	1	6	0.8	1	3J
Nitrobenzene	N	6	1U	1U	1U	1U	1U	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U	0.6U	0.6U	0.5U	0.5U	0.9U
p-Chloro-m-cresol	N	NS	1U	1U	1U	1U	1U	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U	0.6U	0.6U	0.5U	0.5U	0.9U
Pentachlorophenol	N	0.3	4U	3U	3U	4U	4U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	3U
Phenanthrene	N	NS	1U	1U	1U	1U	1U	0.4J	0.3J	0.8	0.1U	0.1J	0.1J	0.1J	0.1J	0.2J	0.2J	0.9U
Phenol	N	2000	1U	1U	1U	1U	1U	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U	0.6U	0.6U	0.5U	0.5U	0.9U
Pyrene	N	200	1U	1U	1U	1U	1U	0.1U	0.1U	0.1J	0.1U	0.1U	0.1U	0.1U	0.1U	0.2J	0.1U	0.9U

Notes:
J = Estimated value
mg/kg = Milligrams per kilogram
NA = No criterion available for the analyte
U = Compound not detected at the reporting level shown
UJ = Compound not detected and value shown is estimated
ug/l = Micrograms per liter
Levels highlighted in yellow are above the soil action level

		Location ID	MW-136	MW-136	MW-136	MW-136	MW-136	MW-136	MW-136	MW-136	MW-136	MW-136	MW-136	MW-136	MW-136	MW-136	MW-136	MW-136
		Sample Date	02/11/2003	06/12/2003	08/29/2003	10/07/2004	06/10/2005	11/03/2005	11/14/2006	05/25/2007	11/30/2007	07/01/2008	10/14/2008	06/24/2009	11/17/2009	05/11/2010	10/06/2010	06/03/2011
		Field Sample ID	M136A2Y	M136A3	M136A4	M136A5X	M136A6X	M136A7X	M136A9X	M136B1X	M136B2X	M136B3X	M136B4X	M136B5X	M136B6X	M136B7X	M136B8X	M136B9X
		SDG	RFE64	RFE76	RFE85	RFF28	947003	965984	1014239	1040018	1067672	1098780	1114995	1150741	RFS20	RFS42	RFS69	RFT27
		Report Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
		Sample Type	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
		Sample Matrix	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER
		Sample Purpose	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG
Parameter Name	**Filtered**	**GW Action Levels**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**
2,4,5-Trichlorophenol	N	700	1U	1U	10U	0.9U	1U	1U	1U	1U	1U	1U	1U	1U	1U	0.9U	1U	1U
2,4,6-Trichlorophenol	N	20	1U	1U	10U	0.9U	1U	1U	1U	1U	1U	1U	1U	1U	1U	0.9U	1U	1U
2,4-Dichlorophenol	N	20	1U	1U	10U	0.9U	1U	1U	1U	1U	1U	1U	1U	1U	1U	0.9U	1U	1U
2,4-Dimethylphenol	N	100	1U	1U	10U	0.9U	3U	3U	3U	3U	3U	3U	3U	3U	3U	3U	3U	3U
2,4-Dinitrophenol	N	40	20U	20U	200U	19U	20U	20U	21U	19U	19U	19U	20U	20U	20U	9U	10U	10U
2,4-Dinitrotoluene	N	NS	1U	1U	10U	0.9U	1U	1U	1U	1U	1U	1U	1U	1U	1U	0.9U	1U	1U
2,6-Dinitrotoluene	N	NS	1U	1U	10U	0.9U	1U	1U	1U	1U	1U	1U	1U	1U	1U	0.9U	1U	1U
2-Chloronaphthalene	N	600	1U	1U	10U	0.9U	1U	1U	2U	2U	2U	2U	2U	2U	2U	2U	2U	2U
2-Chlorophenol (o-Chlorophenol)	N	40	1U	1U	10U	0.9U	1U	1U	1U	1U	1U	1U	1U	1U	1U	0.9U	1U	1U
2-Methyl-Naphthlalene	N	NS	1U	1U	10U	0.9U	1U	1U	3	1U	1U	1J	1U	1U	1U	0.9U	1U	1U
2-Methylphenol (o-Cresol)	N	NS	1U	1U	10U	0.9U	1U	1U	1U	1U	1U	1U	1U	1U	1U	0.9U	1U	1U
2-Nitroaniline (o-Nitroaniline)	N	NS	1U	1U	10U	0.9U	1U	1U	1U	1U	1U	1U	1U	1U	1U	0.9U	1U	1U
2-Nitrophenol (o-Nitrophenol)	N	NS	1U	1U	10U	0.9U	1U	1U	1U	1U	1U	1U	1U	1U	1U	0.9U	1U	1U
3,3'-Dichlorobenzidine	N	30	1U	1U	10U	0.9U	2U	2U	2U	2U	2U	2U	2U	2U	2U	2U	2U	2U
3-Nitroaniline	N	NS	1U	1U	10U	0.9U	1U	1U	1U	1U	1U	1U	1U	1U	1U	0.9U	1U	1U
4,6-Dinitro-2-methylphenol (4,6-Dinitro-o-cresol)	N	NS	5U	5U	50U	5U	5U	5U	5U	5U	5U	5U	5U	5U	5U	5U	5U	5U
4-Bromophenylphenylether	N	NS	-	1U	10U	0.9U	1U	1U	1U	1U	1U	1U	1U	1U	1U	0.9U	1U	1U
4-Chloroaniline	N	30	1U	1U	10U	0.9U	1U	1U	1U	1U	1U	1U	1U	1U	1U	0.9U	1U	1U
4-Chlorophenyl phenyl ether	N	NS	1U	1U	10U	0.9U	1U	1U	2U	2U	2U	2U	2U	2U	2U	2U	2U	2U
4-Methylphenol (p-Cresol)	N	NS	2U	2U	20U	2U	2U	2U	2U	2U	2U	2U	2U	2U	2U	2U	2U	2U
4-Nitroaniline	N	NS	1U	1U	10U	0.9U	1U	1U	1U	1U	1U	1U	1U	1U	1U	0.9U	1U	1U
4-Nitrophenol	N	NS	10U	10U	100U	9U	10U	10U	10U	10U	10U	10U	10U	10U	10U	9U	10U	10U
Acenaphthene	N	400	1U	2J	10U	27	32	25	56	28	7	21	8	16	10	5	24	1U
Acenaphthylene	N	NS	1U	1U	10U	0.9U	1U	1U	1U	1U	1U	1U	1U	1U	1U	0.9U	1U	1U
Acetophenone	N	700	2U	2U	20U	2U	2U	2U	2U	2U	2U	2U	2U	2U	2U	2U	2U	2U
Anthracene	N	2000	1U	1U	10U	0.9U	1U	1U	1U	1U	1U	1U	1U	1U	1U	0.9U	1U	1U
Atrazine	N	3	1U	1U	10U	0.9U	1U	1U	2U	2U	2U	2U	2U	2U	2U	2U	2U	2U
Benzaldehyde	N	NS	1U	1U	10U	0.9U	1U	1U	1U	1U	1U	1U	1U	1U	1U	0.9U	1U	1U
Benzo(a)anthracene	N	0.1	1U	1U	10U	0.9U	1U	1U	1U	1U	1U	1U	1U	1U	1U	0.9U	1U	1U
Benzo(a)pyrene	N	0.1	1U	1U	10U	0.9U	1U	1U	1U	1U	1U	1U	1U	1U	1U	0.9U	1U	1U
Benzo(b)fluoranthene	N	0.2	1U	1U	10U	0.9U	1U	1U	1U	1U	1U	1U	1U	1U	1U	0.9U	1U	1U
Benzo(g,h,i)perylene	N	NS	1U	1U	10U	0.9U	1U	1U	1U	1U	1U	1U	1U	1U	1U	0.9U	1U	1U
Benzo(k)fluoranthene	N	0.5	1U	1U	10U	0.9U	1U	1U	1U	1U	1U	1U	1U	1U	1U	0.9U	1U	1U
bis(2-Chloroethoxy)methane	N	NS	1U	1U	10U	0.9U	1U	1U	1U	1U	1U	1U	1U	1U	1U	0.9U	1U	1U

		Location ID	MW-136	MW-136	MW-136	MW-136	MW-136	MW-136	MW-136	MW-136	MW-136	MW-136	MW-136	MW-136	MW-136	MW-136	MW-136	MW-136
		Sample Date	02/11/2003	06/12/2003	08/29/2003	10/07/2004	06/10/2005	11/03/2005	11/14/2006	05/25/2007	11/30/2007	07/01/2008	10/14/2008	06/24/2009	11/17/2009	05/11/2010	10/06/2010	06/03/2011
		Field Sample ID	M136A2Y	M136A3	M136A4	M136A5X	M136A6X	M136A7X	M136A9X	M136B1X	M136B2X	M136B3X	M136B4X	M136B5X	M136B6X	M136B7X	M136B8X	M136B9X
		SDG	RFE64	RFE76	RFE85	RFF28	947003	965984	1014239	1040018	1067672	1098780	1114995	1150741	RFS20	RFS42	RFS69	RFT27
		Report Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
		Sample Type	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
		Sample Matrix	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER
		Sample Purpose	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG
Parameter Name	**Filtered**	**GW Action Levels**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**
bis(2-Chloroethyl) ether	N	7	1U	1U	10U	0.9U	1U	1U	1U	1U	1U	1U	1U	1U	1U	0.9U	1U	1U
bis(2-chloroisopropyl) ether	N	3000	1U	1U	10U	0.9U	1U	1U	1U	1U	1U	1U	1U	1U	1U	0.9U	1U	1U
bis(2-Ethylhexyl)phthalate	N	3	2U	2U	20U	2U	2U	2U	2U	2U	2U	2U	2U	2U	2U	2U	2U	2U
Butylbenzylphthalate	N	100	2U	2U	20U	2U	2U	2U	2U	2U	2U	2U	2U	2U	2U	2U	2U	2U
Caprolactam	N	NS	5U	5U	50U	5U	5U	5U	5U	5U	5U	5U	5U	5U	5U	5U	5U	5U
Carbazole	N	NS	1U	1U	10U	0.9U	1U	1U	1U	1U	1U	1U	1U	1U	1U	0.9U	1U	1U
Chrysene	N	5	1U	1U	10U	0.9U	1U	1U	1U	1U	1U	1U	1U	1U	1U	0.9U	1U	1U
Di-n-butylphthalate	N	700	2U	2U	20U	2U	2U	2U	2U	2U	2U	2U	2U	2U	2U	2U	2U	2U
Di-n-octylphthalate	N	100	2U	2U	20U	2U	2U	2U	2U	2U	2U	2U	2U	2U	2U	2U	2U	2U
Dibenz(a,h)anthracene	N	0.3	1U	1U	10U	0.9U	1U	1U	1U	1U	1U	1U	1U	1U	1U	0.9U	1U	1U
Dibenzofuran	N	NS	1U	1U	10U	0.9U	1U	1U	1U	1U	1U	1U	1U	1U	1U	0.9U	1U	1U
Diethylphthalate	N	6000	2U	2U	20U	2U	2U	2U	2U	2U	2U	2U	2U	2U	2U	2U	2U	2U
Dimethyl phthalate	N	NS	2U	2U	20U	2U	2U	2U	2U	2U	2U	2U	2U	2U	2U	2U	2U	2U
Diphenyl (Biphenyl, Phenyl benzene)	N	400	1U	1U	10U	0.9U	1U	1U	1U	1U	1U	1U	1U	1U	1U	0.9U	1U	1U
Fluoranthene	N	300	1U	1U	10U	0.9U	1U	1U	1U	1U	1U	1U	1U	1U	1U	0.9U	1U	1U
Fluorene	N	300	1U	1U	10U	6J	6J	5J	12	5	1J	5	2J	2J	2J	0.9U	3J	1U
Hexachlorobenzene	N	0.02	1U	1U	10U	0.9U	1U	1U	1U	1U	1U	1U	1U	1U	1U	0.9U	1U	1U
Hexachlorobutadiene	N	1	1U	1U	10U	0.9U	1U	1U	1U	1U	1U	1U	1U	1U	1U	0.9U	1U	1U
Hexachlorocyclopentadiene	N	40	5U	5U	50U	5U	5U	5U	5U	5U	5U	5U	5U	5U	5U	5U	5U	5U
Hexachloroethane	N	7	1U	1U	10U	0.9U	1U	1U	1U	1U	1U	1U	1U	1U	1U	0.9U	1U	1U
Indeno(1,2,3-cd)Pyrene	N	0.2	1U	1U	10U	0.9U	1U	1U	1U	1U	1U	1U	1U	1U	1U	0.9U	1U	1U
Isophorone	N	40	1U	1U	10U	0.9U	1U	1U	1U	1U	1U	1U	1U	1U	1U	0.9U	1U	1U
N-Nitrosodi-n-propylamine	N	10	1U	1U	10U	0.9U	1U	1U	1U	1U	1U	1U	1U	1U	1U	0.9U	1U	1U
N-Nitrosodiphenylamine (Diphenylamine)	N	10	2U	2U	20U	2U	2U	2U	2U	2U	2U	2U	2U	2U	2U	2U	2U	2U
Naphthalene	N	300	1U	1J	10U	7J	4J	18J	31J	10J	5J	22	5J	9	10	3J	2J	1U
Nitrobenzene	N	6	1U	1U	10U	0.9U	1U	1U	1U	1U	1U	1U	1U	1U	1U	0.9U	1U	1U
p-Chloro-m-cresol	N	NS	1U	1U	10U	0.9U	1U	1U	1U	1U	1U	1U	1U	1U	1U	0.9U	1U	1U
Pentachlorophenol	N	0.3	3U	3U	30U	3U	3U	3U	3U	3U	3U	3U	3U	3U	3U	3U	3U	3U
Phenanthrene	N	NS	1U	1U	10U	0.9U	1U	1U	1U	1U	1U	1U	1U	1U	1U	0.9U	1U	1U
Phenol	N	2000	1U	1U	10U	0.9U	1U	1U	1U	1U	1U	1U	1U	1U	1U	0.9U	1U	1U
Pyrene	N	200	1U	1U	10U	0.9U	1U	1U	1U	1U	1U	1U	1U	1U	1U	0.9U	1U	1U

Notes:
J = Estimated value
mg/kg = Milligrams per kilogram
NA = No criterion available for the analyte
U = Compound not detected at the reporting level shown
UJ = Compound not detected and value shown is estimated
ug/l = Micrograms per liter
Levels highlighted in yellow are above the soil action level

		Location ID	MW-136	MW-136	MW-136	MW-136	MW-136	MW-237	MW-237	MW-237	MW-237	MW-237	MW-237	MW-237	MW-237	MW-237	MW-237	MW-237
		Sample Date	02/14/2012	03/05/2013	06/03/2014	09/30/2015	02/16/2016	10/31/2006	12/07/2006	05/11/2007	11/30/2007	07/03/2008	10/14/2008	06/24/2009	11/17/2009	05/11/2010	10/06/2010	06/03/2011
		Field Sample ID	M136C1X	M136C2X	M136C3X	M136C4X	M136C5X	M237A1	M237A2X	M237A3X	M237A4X	M237A5X	M237A6X	M237A7X	M237A8X	M237A9X	M237B1X	M237B2X
		SDG	RFU10	RFX90	CS108	CS292	CS357	1012219	1017222	1037974	1067672	1099204	1114995	1150741	RFS20	RFS42	RFS69	RFT27
		Report Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
		Sample Type	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
		Sample Matrix	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER
		Sample Purpose	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG
Parameter Name	**Filtered**	**GW Action Levels**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**
2,4,5-Trichlorophenol	N	700	0.5U	0.6U	0.6U	0.5U	0.5U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U
2,4,6-Trichlorophenol	N	20	0.5U	0.6U	0.6U	0.5U	0.5U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U
2,4-Dichlorophenol	N	20	0.5U	0.6U	0.6U	0.5U	0.5U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U
2,4-Dimethylphenol	N	100	0.5U	0.6U	0.6U	0.5U	0.5U	3U	3U	3U	3U	3U	3U	3U	3U	3U	3U	3U
2,4-Dinitrophenol	N	40	10U	11U	12U	10U	10U	21U	20U	20U	19U	20U	20U	20U	21U	10U	10U	10U
2,4-Dinitrotoluene	N	NS	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U
2,6-Dinitrotoluene	N	NS	0.5U	0.6U	0.6U	0.5U	0.5U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U
2-Chloronaphthalene	N	600	0.4U	0.4U	0.5U	0.4U	0.4U	2U	2U	2U	2U	2U	2U	2U	2U	2U	2U	2U
2-Chlorophenol (o-Chlorophenol)	N	40	0.5U	0.6U	0.6U	0.5U	0.5U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U
2-Methyl-Naphthlalene	N	NS	0.1U	0.1U	0.1U	0.1U	0.1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U
2-Methylphenol (o-Cresol)	N	NS	0.5U	0.6U	0.6U	0.5U	0.5U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U
2-Nitroaniline (o-Nitroaniline)	N	NS	0.5U	0.6U	0.6U	0.5U	0.5U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U
2-Nitrophenol (o-Nitrophenol)	N	NS	0.5U	0.6U	0.6U	0.5U	0.5U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U
3,3'-Dichlorobenzidine	N	30	2U	2U	2U	2U	2U	2U	2U	2U	2U	2U	2U	2U	2U	2U	2U	2U
3-Nitroaniline	N	NS	0.5U	0.6U	0.6U	0.5U	0.5U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U
4,6-Dinitro-2-methylphenol (4,6-Dinitro-o-cresol)	N	NS	5U	6U	6U	5U	5U	5U	5U	5U	5U	5U	5U	5U	5U	5U	5U	5U
4-Bromophenylphenylether	N	NS	0.5U	0.6U	0.6U	0.5U	0.5U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U
4-Chloroaniline	N	30	0.5U	0.6U	0.6U	2U	2U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U
4-Chlorophenyl phenyl ether	N	NS	0.5U	0.6U	0.6U	0.5U	0.5U	2U	2U	2U	2U	2U	2U	2U	2U	2U	2U	2U
4-Methylphenol (p-Cresol)	N	NS	0.5U	0.6U	0.6U	0.5U	0.5U	2U	2U	2U	2U	2U	2U	2U	2U	2U	2U	2U
4-Nitroaniline	N	NS	0.5U	0.6U	0.6U	0.5U	0.5U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U
4-Nitrophenol	N	NS	10U	11U	12U	10U	10U	10U	10U	10U	10U	10U	10U	10U	11U	10U	10U	10U
Acenaphthene	N	400	1	0.3J	4	2	0.4J	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U
Acenaphthylene	N	NS	0.1U	0.1U	0.1U	0.1U	0.1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U
Acetophenone	N	700	0.5U	0.6U	0.6U	0.5U	0.5U	2U	2U	2U	2U	2U	2U	2U	2U	2U	2U	2U
Anthracene	N	2000	0.1U	0.1U	0.1U	0.1U	0.1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U
Atrazine	N	3	2U	2U	2U	2U	2U	2U	2U	2U	2U	2U	2U	2U	2U	2U	2U	2U
Benzaldehyde	N	NS	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U
Benzo(a)anthracene	N	0.1	0.1U	0.1U	0.1U	0.1U	0.1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U
Benzo(a)pyrene	N	0.1	0.1U	0.1U	0.1U	0.1U	0.1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U
Benzo(b)fluoranthene	N	0.2	0.1U	0.1U	0.1U	0.1U	0.1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U
Benzo(g,h,i)perylene	N	NS	0.1U	0.1U	0.1U	0.1U	0.1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U
Benzo(k)fluoranthene	N	0.5	0.1U	0.1U	0.1U	0.1U	0.1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U
bis(2-Chloroethoxy)methane	N	NS	0.5U	0.6U	0.6U	0.5U	0.5U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U

		Location ID	MW-136	MW-136	MW-136	MW-136	MW-136	MW-237	MW-237	MW-237	MW-237	MW-237	MW-237	MW-237	MW-237	MW-237	MW-237	MW-237
		Sample Date	02/14/2012	03/05/2013	06/03/2014	09/30/2015	02/16/2016	10/31/2006	12/07/2006	05/11/2007	11/30/2007	07/03/2008	10/14/2008	06/24/2009	11/17/2009	05/11/2010	10/06/2010	06/03/2011
		Field Sample ID	M136C1X	M136C2X	M136C3X	M136C4X	M136C5X	M237A1	M237A2X	M237A3X	M237A4X	M237A5X	M237A6X	M237A7X	M237A8X	M237A9X	M237B1X	M237B2X
		SDG	RFU10	RFX90	CS108	CS292	CS357	1012219	1017222	1037974	1067672	1099204	1114995	1150741	RFS20	RFS42	RFS69	RFT27
		Report Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
		Sample Type	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
		Sample Matrix	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER
		Sample Purpose	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG
Parameter Name	**Filtered**	**GW Action Levels**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**
bis(2-Chloroethyl) ether	N	7	0.5U	0.6U	0.6U	0.5U	0.5U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U
bis(2-chloroisopropyl) ether	N	3000	0.5U	0.6U	0.6U	0.5U	0.5U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U
bis(2-Ethylhexyl)phthalate	N	3	2U	2U	2U	2J	2U	2U	2U	2U	2U	2U	2J	2U	2U	2U	2U	2U
Butylbenzylphthalate	N	100	2U	2U	2U	2U	2U	2U	2U	2U	2U	2U	2U	2U	2U	2U	2U	2U
Caprolactam	N	NS	5U	6U	6U	5U	5U	13J	5U	5U	11J	5U	5U	5U	5U	5U	5U	5U
Carbazole	N	NS	0.5U	0.6U	0.6U	0.5U	0.5U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U
Chrysene	N	5	0.1U	0.1U	0.1U	0.1U	0.1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U
Di-n-butylphthalate	N	700	2U	2U	2U	2U	2U	2U	2U	2U	2U	2U	2U	2U	2U	2U	2U	2U
Di-n-octylphthalate	N	100	2U	2U	2U	2U	2U	2U	2U	2U	2U	2U	2U	2U	2U	2U	2U	2U
Dibenz(a,h)anthracene	N	0.3	0.1U	0.1U	0.1U	0.1U	0.1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U
Dibenzofuran	N	NS	0.5U	0.6U	0.6U	0.5U	0.5U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U
Diethylphthalate	N	6000	2U	2U	2U	2U	2U	2U	2U	2U	2U	2U	2U	2U	2U	2U	2U	2U
Dimethyl phthalate	N	NS	2U	2U	2U	2U	2U	2U	2U	2U	2U	2U	2U	2U	2U	2U	2U	2U
Diphenyl (Biphenyl, Phenyl benzene)	N	400	0.5U	0.6U	0.6U	0.5U	0.5U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U
Fluoranthene	N	300	0.1U	0.1U	0.1U	0.1U	0.1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U
Fluorene	N	300	0.1U	0.1U	0.1U	0.1U	0.1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U
Hexachlorobenzene	N	0.02	0.1U	0.1U	0.1U	0.1U	0.1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U
Hexachlorobutadiene	N	1	0.5U	0.6U	0.6U	0.5U	0.5U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U
Hexachlorocyclopentadiene	N	40	5U	6U	6U	5U	5U	5U	5U	5U	5U	5U	5U	5U	5U	5U	5U	5U
Hexachloroethane	N	7	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U
Indeno(1,2,3-cd)Pyrene	N	0.2	0.1U	0.1U	0.1U	0.1U	0.1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U
Isophorone	N	40	0.5U	0.6U	0.6U	0.5U	0.5U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U
N-Nitrosodi-n-propylamine	N	10	0.5U	0.6U	0.6U	0.5U	0.5U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U
N-Nitrosodiphenylamine (Diphenylamine)	N	10	0.5U	0.6U	0.6U	0.5U	0.5U	2U	2U	2U	2U	2U	2U	2U	2U	2U	2U	2U
Naphthalene	N	300	0.7	0.1U	0.5J	0.1U	0.1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U
Nitrobenzene	N	6	0.5U	0.6U	0.6U	0.5U	0.5U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U
p-Chloro-m-cresol	N	NS	0.5U	0.6U	0.6U	0.5U	0.5U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U
Pentachlorophenol	N	0.3	1U	1U	1U	1U	1U	3U	3U	3U	3U	3U	3U	3U	3U	3U	3U	3U
Phenanthrene	N	NS	0.1U	0.1U	0.1U	0.1U	0.1U	1J	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U
Phenol	N	2000	0.5U	0.6U	0.6U	0.5U	0.5U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U
Pyrene	N	200	0.1U	0.1U	0.1U	0.1U	0.1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U

Notes:
J = Estimated value
mg/kg = Milligrams per kilogram
NA = No criterion available for the analyte
U = Compound not detected at the reporting level shown
UJ = Compound not detected and value shown is estimated
ug/l = Micrograms per liter
Levels highlighted in yellow are above the soil action level

		Location ID	MW-237	MW-237	MW-237	MW-237	MW-237	RW-11	RW-11	RW-11	RW-11	RW-11	RW-11	RW-11
		Sample Date	02/14/2012	03/05/2013	06/03/2014	09/30/2015	02/16/2016	11/16/2005	06/27/2006	11/28/2006	05/31/2007	08/01/2008	06/24/2009	06/29/2010
		Field Sample ID	M237B3X	M237B4X	M237B5X	M237B6X	M237B7X	R011A2X	R011A3X	R011A4X	R011A5X	R011A6X	R011A7X	R011A8X
		SDG	RFU10	RFX90	CS108	CS292	CS357	967750	995245	1015744	1040574	1103488	1150741	RFS51
		Report Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
		Sample Type	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
		Sample Matrix	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER
		Sample Purpose	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG
Parameter Name	**Filtered**	**GW Action Levels**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**
2,4,5-Trichlorophenol	N	700	0.5U	0.6U	0.6U	0.5U	0.5U	1U	1U	1U	1U	1U	1U	1U
2,4,6-Trichlorophenol	N	20	0.5U	0.6U	0.6U	0.5U	0.5U	1U	1U	1U	1U	1U	1U	1U
2,4-Dichlorophenol	N	20	0.5U	0.6U	0.6U	0.5U	0.5U	1U	1U	1U	1U	1U	1U	1U
2,4-Dimethylphenol	N	100	0.5U	0.6U	0.6U	0.5U	0.5U	3U	3U	3U	3U	3U	3U	3U
2,4-Dinitrophenol	N	40	11U	11U	12U	10U	10U	21U	21U	19U	20U	20U	19U	10U
2,4-Dinitrotoluene	N	NS	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U
2,6-Dinitrotoluene	N	NS	0.5U	0.6U	0.6U	0.5U	0.5U	1U	1U	1U	1U	1U	1U	1U
2-Chloronaphthalene	N	600	0.4U	0.4U	0.5U	0.4U	0.4U	1U	2U	2U	2U	2U	2U	2U
2-Chlorophenol (o-Chlorophenol)	N	40	0.5U	0.6U	0.6U	0.5U	0.5U	1U	1U	1U	1U	1U	1U	1U
2-Methyl-Naphthlalene	N	NS	0.1U	0.1U	0.1U	0.1U	0.1U	1J	1U	1J	1U	1U	1J	1U
2-Methylphenol (o-Cresol)	N	NS	0.5U	0.6U	0.6U	0.5U	0.5U	1U	1U	1U	1U	1U	1U	1U
2-Nitroaniline (o-Nitroaniline)	N	NS	0.5U	0.6U	0.6U	0.5U	0.5U	1U	1U	1U	1U	1U	1U	1U
2-Nitrophenol (o-Nitrophenol)	N	NS	0.5U	0.6U	0.6U	0.5U	0.5U	1U	1U	1U	1U	1U	1U	1U
3,3'-Dichlorobenzidine	N	30	2U	2U	2U	2U	2U	2U	2U	2U	2U	2U	2U	2U
3-Nitroaniline	N	NS	0.5U	0.6U	0.6U	0.5U	0.5U	1U	1U	1U	1U	1U	1U	1U
4,6-Dinitro-2-methylphenol (4,6-Dinitro-o-cresol)	N	NS	5U	6U	6U	5U	5U	5U	5U	5U	5U	5U	5U	5U
4-Bromophenylphenylether	N	NS	0.5U	0.6U	0.6U	0.5U	0.5U	1U	1U	1U	1U	1U	1U	1U
4-Chloroaniline	N	30	0.5U	0.6U	0.6U	2U	2U	1U	1U	1U	1U	1U	4J	1U
4-Chlorophenyl phenyl ether	N	NS	0.5U	0.6U	0.6U	0.5U	0.5U	1U	2U	2U	2U	2U	2U	2U
4-Methylphenol (p-Cresol)	N	NS	0.5U	0.6U	0.6U	0.5U	0.5U	2U	2U	2U	2U	2U	2U	2U
4-Nitroaniline	N	NS	0.5U	0.6U	0.6U	0.5U	0.5U	1U	1U	1U	1U	1U	1U	1U
4-Nitrophenol	N	NS	11U	11U	12U	10U	10U	11U	10U	10U	10U	10U	10U	10U
Acenaphthene	N	400	0.1U	0.1U	0.1U	0.1U	0.1U	1J	1U	1U	1U	1U	1J	1U
Acenaphthylene	N	NS	0.1U	0.1U	0.1U	0.1U	0.1U	1U	1U	1U	1U	1U	1U	1U
Acetophenone	N	700	0.5U	0.6U	0.6U	0.5U	0.5U	2J	2U	2U	2U	2U	2U	2U
Anthracene	N	2000	0.1U	0.1U	0.1U	0.1U	0.1U	1J	1U	1U	1U	1U	1U	1U
Atrazine	N	3	2U	2U	2U	2U	2U	1U	2U	2U	2U	2U	2U	2U
Benzaldehyde	N	NS	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U
Benzo(a)anthracene	N	0.1	0.1U	0.1U	0.1U	0.1U	0.1U	1U	1U	1U	1U	1U	1U	1U
Benzo(a)pyrene	N	0.1	0.1U	0.1U	0.1U	0.1U	0.1U	1U	1U	1U	1U	1U	1U	1U
Benzo(b)fluoranthene	N	0.2	0.1U	0.1U	0.1U	0.1U	0.1U	1U	1U	1U	1U	1U	1U	1U
Benzo(g,h,i)perylene	N	NS	0.1U	0.1U	0.1U	0.1U	0.1U	1U	1U	1U	1U	1U	1U	1U
Benzo(k)fluoranthene	N	0.5	0.1U	0.1U	0.1U	0.1U	0.1U	1U	1U	1U	1U	1U	1U	1U
bis(2-Chloroethoxy)methane	N	NS	0.5U	0.6U	0.6U	0.5U	0.5U	1U	1U	1U	1U	1U	1U	1U

		Location ID	MW-237	MW-237	MW-237	MW-237	MW-237	RW-11	RW-11	RW-11	RW-11	RW-11	RW-11	RW-11
		Sample Date	02/14/2012	03/05/2013	06/03/2014	09/30/2015	02/16/2016	11/16/2005	06/27/2006	11/28/2006	05/31/2007	08/01/2008	06/24/2009	06/29/2010
		Field Sample ID	M237B3X	M237B4X	M237B5X	M237B6X	M237B7X	R011A2X	R011A3X	R011A4X	R011A5X	R011A6X	R011A7X	R011A8X
		SDG	RFU10	RFX90	CS108	CS292	CS357	967750	995245	1015744	1040574	1103488	1150741	RFS51
		Report Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
		Sample Type	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
		Sample Matrix	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER
		Sample Purpose	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG
Parameter Name	**Filtered**	**GW Action Levels**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**	**Report Result**
bis(2-Chloroethyl) ether	N	7	0.5U	0.6U	0.6U	0.5U	0.5U	1U	1U	1U	1U	1U	1U	1U
bis(2-chloroisopropyl) ether	N	3000	0.5U	0.6U	0.6U	0.5U	0.5U	1U	1U	1U	1U	1U	1U	1U
bis(2-Ethylhexyl)phthalate	N	3	2U	2U	2U	**4J**	2U	2U	2U	2U	2U	2U	2U	2J
Butylbenzylphthalate	N	100	2U	2U	2U	2U	2U	2U	2U	2U	2U	2U	2U	2U
Caprolactam	N	NS	5U	6U	6U	5U	5U	5U	5U	5U	5U	5U	5U	5U
Carbazole	N	NS	0.5U	0.6U	0.6U	0.5U	0.5U	1U	1U	1U	1U	1U	1U	1U
Chrysene	N	5	0.1U	0.1U	0.1U	0.1U	0.1U	2J	1U	1U	1U	1U	2J	1U
Di-n-butylphthalate	N	700	2U	2U	2U	2U	2U	2U	2U	2U	2U	2U	2U	2U
Di-n-octylphthalate	N	100	2U	2U	2U	2U	2U	2U	2U	2U	2U	2U	2U	2U
Dibenz(a,h)anthracene	N	0.3	0.1U	0.1U	0.1U	0.1U	0.1U	1U	1U	1U	1U	1U	1U	1U
Dibenzofuran	N	NS	0.5U	0.6U	0.6U	0.5U	0.5U	1U	1U	1U	1U	1U	1U	1U
Diethylphthalate	N	6000	2U	2U	2U	2U	2U	2U	2U	2U	2U	2U	2U	2U
Dimethyl phthalate	N	NS	2U	2U	2U	2U	2U	2U	2U	2U	2U	2U	2U	2U
Diphenyl (Biphenyl, Phenyl benzene)	N	400	0.5U	0.6U	0.6U	0.5U	0.5U	1U	1U	1U	1U	1U	1U	1U
Fluoranthene	N	300	0.1U	0.1U	0.1U	0.1U	0.1U	1U	1U	1U	1U	1U	1U	1U
Fluorene	N	300	0.1U	0.1U	0.1U	0.1U	0.1U	1J	1U	1U	1J	1U	1J	2J
Hexachlorobenzene	N	0.02	0.1U	0.1U	0.1U	0.1U	0.1U	1U	1U	1U	1U	1U	1U	1U
Hexachlorobutadiene	N	1	0.5U	0.6U	0.6U	0.5U	0.5U	1U	1U	1U	1U	1U	1U	1U
Hexachlorocyclopentadiene	N	40	5U	6U	6U	5U	5U	5U	5U	5U	5U	5U	5U	5U
Hexachloroethane	N	7	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U
Indeno(1,2,3-cd)Pyrene	N	0.2	0.1U	0.1U	0.1U	0.1U	0.1U	1U	1U	1U	1U	1U	1U	1U
Isophorone	N	40	0.5U	0.6U	0.6U	0.5U	0.5U	1U	1U	1U	1U	1U	1U	1U
N-Nitrosodi-n-propylamine	N	10	0.5U	0.6U	0.6U	0.5U	0.5U	1U	1U	1U	1U	1U	1U	1U
N-Nitrosodiphenylamine (Diphenylamine)	N	10	0.5U	0.6U	0.6U	0.5U	0.5U	5	2U	2U	2U	2U	2U	2U
Naphthalene	N	300	0.1U	0.1U	0.1U	0.1U	0.1U	1U	1U	1U	1U	1U	1U	1U
Nitrobenzene	N	6	0.5U	0.6U	0.6U	0.5U	0.5U	1U	1U	1U	1U	1U	1U	1U
p-Chloro-m-cresol	N	NS	0.5U	0.6U	0.6U	0.5U	0.5U	1U	1U	1U	1U	1U	1U	1U
Pentachlorophenol	N	0.3	1U	1U	1U	1U	1U	3U	3U	3U	3U	3U	3U	3U
Phenanthrene	N	NS	0.1U	0.1U	0.1U	0.1U	0.1U	2J	1U	1U	1U	1U	2J	1U
Phenol	N	2000	0.5U	0.6U	0.6U	0.5U	0.5U	1U	1U	1U	1U	1U	1U	1U
Pyrene	N	200	0.1U	0.1U	0.1U	0.1U	0.1U	3J	1U	1U	1U	1U	3J	2J

Notes:
J = Estimated value
mg/kg = Milligrams per kilogram
NA = No criterion available for the analyte
U = Compound not detected at the reporting level shown
UJ = Compound not detected and value shown is estimated
ug/l = Micrograms per liter
Levels highlighted in yellow are above the soil action level

ATTACHMENT 3

ProUCL Output

	A	B	C	D	E	F	G	H	I	J	K	L
1	UCL Statistics for Data Sets with Non-Detects											
2												
3	User Selected Options											
4	Date/Time of Computation			ProUCL 5.18/18/2016 2:01:29 PM								
5	From File			Lead_Pro_UCL-data-rev-8-18-16_c.xls								
6	Full Precision			OFF								
7	Confidence Coefficient			95%								
8	Number of Bootstrap Operations			2000								
9												
10												
11	LeadAll											
12												
13	General Statistics											
14	Total Number of Observations					54	Number of Distinct Observations					52
15							Number of Missing Observations					0
16	Minimum					4.06	Mean					290
17	Maximum					5850	Median					33.1
18	SD					832.8	Std. Error of Mean					113.3
19	Coefficient of Variation					2.872	Skewness					5.956
20												
21	Normal GOF Test											
22	Shapiro Wilk Test Statistic					0.358	Shapiro Wilk GOF Test					
23	5% Shapiro Wilk P Value					0	Data Not Normal at 5% Significance Level					
24	Lilliefors Test Statistic					0.366	Lilliefors GOF Test					
25	5% Lilliefors Critical Value					0.12	Data Not Normal at 5% Significance Level					
26	Data Not Normal at 5% Significance Level											
27												
28	Assuming Normal Distribution											
29	95% Normal UCL						95% UCLs (Adjusted for Skewness)					
30	95% Student's-t UCL					479.7	95% Adjusted-CLT UCL (Chen-1995)					574.5
31							95% Modified-t UCL (Johnson-1978)					495
32												
33	Gamma GOF Test											
34	A-D Test Statistic					3.091	Anderson-Darling Gamma GOF Test					
35	5% A-D Critical Value					0.84	Data Not Gamma Distributed at 5% Significance Level					
36	K-S Test Statistic					0.204	Kolmogorov-Smirnov Gamma GOF Test					
37	5% K-S Critical Value					0.13	Data Not Gamma Distributed at 5% Significance Level					
38	Data Not Gamma Distributed at 5% Significance Level											
39												
40	Gamma Statistics											
41	k hat (MLE)					0.395	k star (bias corrected MLE)					0.385
42	Theta hat (MLE)					733.9	Theta star (bias corrected MLE)					752.2
43	nu hat (MLE)					42.67	nu star (bias corrected)					41.63
44	MLE Mean (bias corrected)					290	MLE Sd (bias corrected)					467
45							Approximate Chi Square Value (0.05)					27.84
46	Adjusted Level of Significance					0.0456	Adjusted Chi Square Value					27.53
47												
48	Assuming Gamma Distribution											
49	95% Approximate Gamma UCL (use when n>=50))					433.6	95% Adjusted Gamma UCL (use when n<50)					438.5
50												
51	Lognormal GOF Test											
52	Shapiro Wilk Test Statistic					0.925	Shapiro Wilk Lognormal GOF Test					
53	5% Shapiro Wilk P Value					0.00235	Data Not Lognormal at 5% Significance Level					

	A	B	C	D	E	F	G	H	I	J	K	L
54					Lilliefors Test Statistic	0.149	Lilliefors Lognormal GOF Test					
55					5% Lilliefors Critical Value	0.12	Data Not Lognormal at 5% Significance Level					
56	Data Not Lognormal at 5% Significance Level											
57												
58	Lognormal Statistics											
59					Minimum of Logged Data	1.401			Mean of logged Data			4.001
60					Maximum of Logged Data	8.674			SD of logged Data			1.816
61												
62	Assuming Lognormal Distribution											
63					95% H-UCL	664.6			90% Chebyshev (MVUE) UCL			543.5
64					95% Chebyshev (MVUE) UCL	670.1			97.5% Chebyshev (MVUE) UCL			845.8
65					99% Chebyshev (MVUE) UCL	1191						
66												
67	Nonparametric Distribution Free UCL Statistics											
68	Data do not follow a Discernible Distribution (0.05)											
69												
70	Nonparametric Distribution Free UCLs											
71					95% CLT UCL	476.4			95% Jackknife UCL			479.7
72					95% Standard Bootstrap UCL	472			95% Bootstrap-t UCL			916.2
73					95% Hall's Bootstrap UCL	1226			95% Percentile Bootstrap UCL			496.6
74					95% BCA Bootstrap UCL	644.2						
75					90% Chebyshev(Mean, Sd) UCL	629.9			95% Chebyshev(Mean, Sd) UCL			783.9
76					97.5% Chebyshev(Mean, Sd) UCL	997.7			99% Chebyshev(Mean, Sd) UCL			1418
77												
78	Suggested UCL to Use											
79					95% Chebyshev (Mean, Sd) UCL	783.9						
80												
81	Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.											
82	Recommendations are based upon data size, data distribution, and skewness.											
83	These recommendations are based upon the results of the simulation studies summarized in Singh, Maichle, and Lee (2006).											
84	However, simulations results will not cover all Real World data sets; for additional insight the user may want to consult a statistician.											
85												