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PHASE I CHARACTERIZATION OF USTs AND FUEL PIPELINES INTERIM SUMMARY MEMORANDUM NAVAL FUEL DEPOT POINT MOLATE RICHMOND, CALIFORNIA

September 15, 1999

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ACRONYMS AND ABBREVIATIONS

BCT	BRAC Closure Team
bgs	Below ground surface
BOD	Biological oxygen demand
BRAC	Base realignment and closure
BTEX	Benzene, toluene, ethylbenzene and xylene
Chevron	Chevron U.S.A. Inc.
CLP	Contract laboratory program
CME	Central Mine Equipment
CSM	Conceptual site model
DQI	Data quality indicators
DQO	Data quality objective
FSAP	Field sampling and analysis plan
FWP	Field work plan
JP-5	Jet petroleum fuel
MNA	Monitored natural attenuation
MQO	Measurements quality objectives
MTBE	Methyl-tertiary butyl ether
µg/L	Micrograms per liter
mg/kg	Milligrams per kilogram
mg/L	Milligrams per liter
NFD	Naval Fuel Depot
ORS	Oil recovery system
PAH	Polynuclear aromatic hydrocarbon
PID	Photoionization detector
PVC	Polyvinyl chloride
RWQCB	California Regional Water Quality Control Board
SOW	Statement of work
SVOC	Semivolatile organic compound
TOC	Total organic carbon
TPH	Total petroleum hydrocarbon
TPH-e	Total petroleum hydrocarbons extractable
TPH-p	Total petroleum hydrocarbons purgeable
TtEMI	Tetra Tech EM Inc.
UST	Underground storage tank
VOC	Volatile organic compound

1.0 INTRODUCTION

This interim summary memorandum presents the findings of Phase I characterization data collected to support regulatory closure of the fuel system underground storage tanks (USTs) and pipelines at Naval Fuel Depot (NFD) Point Molate. NFD Point Molate is a former bulk fuel storage and transfer facility that was capable of storing more than 40 million gallons of fuel. Fuel storage and transfer operations ceased in May 1995 and NFD Point Molate became a closing base under the Base Realignment and Closure (BRAC) IV program on September 30, 1995.

The objectives and scope of work for the Phase I characterization are detailed in the Characterization of Underground Storage Tanks and Fuel Pipelines, Revised Final Field Work Plan, Naval Fuel Depot, Point Molate, Richmond, California (TtEMI 1999). The field work plan (FWP) presents the Navy's conceptual model for releases from fuel sources, as well as the technical approach and data quality objectives (DQOs) for UST and fuel pipeline characterization. In the summer and fall of 1998, the Navy held strategy meetings with the BRAC closure team (BCT) including the California Regional Water Quality Control Board (RWQCB) San Francisco Bay Region to develop overall site objectives for characterization of USTs and pipelines. The objectives developed in these meetings emphasized understanding of the conceptual site model (CSM), specifically, where possible fuel sources, preferential pathways, and potential exposure points to fuel releases would be expected. Using the CSM, a predictive or judgmental approach was developed for investigation of the former fuel system and areas potentially impacted from fuel releases.

The Phase I characterization targets potential and known sources of fuel releases, preferred migration pathways, and potential points of exposure. Investigative activities were conducted to establish whether free product or residual product is present at the USTs, fuel product lines, and valve boxes. In addition, subsurface soil, groundwater, and pipeline conduits were characterized to determine their potential to serve as migration pathways for fuel constituents. Finally, surface soil or water seeps at the ground surface were characterized to evaluate potential exposure points. The FWP and supplemental field sampling and analysis plan (FSAP) (TtEMI 1999a) present the Navy's technical approach, methods, and procedures for characterization of the UST and fuel pipeline system.

The purpose of this memorandum is to evaluate the Phase I data and identify additional data (Phase II) necessary to support corrective action planning. Following Phase II activities, a detailed UST characterization report will be developed.

This memorandum presents: (1) a brief description of the investigative activities under the Phase I characterization; (2) a listing of areas where free or residual product was present; 3) a summary of observations, (4) analytical results of data collected; and (5) recommended Phase II activities to support corrective action planning.

This memorandum contains three sections in addition to this introduction, Section 2.0 outlines the scope of work and summary of findings from the Phase I characterization. Section 3.0 presents recommended Phase II activities, and references are provided in Section 4.0. Appendices A through C provide descriptions of Phase I characterization activities and the results of data collected. Appendix D presents the analytical results of soil and groundwater samples collected.

Graphic presentation of characterization data is summarized as follows:

- Plate 1 presents areas of investigation included in the Phase I characterization.
- Plate 2 presents areas of free and residual product identified in the Phase I characterization.
- Plate 3 presents recommended activities resulting from the Phase I characterization.
- Plate 4 presents facility-wide groundwater and distribution.
- Plates A1 through A9 (Appendix A) present chemical data for samples collected from the UST characterization.
- Plate A10 (Appendix A) presents chemical data for samples collected from prominent drainage areas downgradient of the fuel system.
- Plates B1 and B2 (Appendix B) present sample locations and chemical data from the pipeline and valve box characterization.
- Plates C1 and C2 (Appendix C) present sample locations and chemical data from the surface soil and seep characterization.

All plates and tables are located at the end of the document or corresponding appendix.

2.0 PHASE I CHARACTERIZATION SUMMARY

Phase I characterization criteria included the following:

- Investigation of potential and known sources of fuel releases (USTs, pipelines, and valve boxes)
- Investigation of potential exposure points (surface soil and water seeps)

To address the above criteria, Phase I characterization activities were separated into the following groups:

- Phase I UST Characterization
- Phase I Pipeline and Valve Box Characterization
- Phase I Surface Soil and Seep Characterization

The investigative activities and associated findings are summarized in Sections 2.1 through 2.3. Details of the investigative activities and data results are presented in Appendices A, B, and C.

2.1 PHASE I UST CHARACTERIZATION ACTIVITIES

Plate 1 presents areas investigated under the Phase I UST characterization. Characterization activities included the following:

- Investigation of potential and known sources of fuel releases
  - Drilling and collection of soil samples at 78 soil borings adjacent to 26 USTs
  - Collection of 11 groundwater samples from UST soil borings
  - Installation of 21 groundwater monitoring wells adjacent to USTs
  - Collection of groundwater samples at 18 UST monitoring wells
- Investigation of potential migration pathways
  - Drilling of ten soil borings in prominent drainage areas downgradient of USTs
  - Conversion of 6 drainage area soil borings to groundwater monitoring wells
  - Drilling of 7 bedrock coreholes adjacent to select USTs where free product was observed.
  - Installation of 6 bedrock monitoring wells at select bedrock corehole locations

Findings of Phase I UST Characterization

Findings of the Phase I UST characterization are presented on Plate 2 and summarized as follows:

- Free product was initially encountered (December 1998) in soil borings or occurred as floating product in monitoring wells at 6 USTs (Tanks 5, 6, 12, 13, 19, and B). Followup monitoring activities (conducted in August 1999) indicate additional free product at USTs 8, 15, and 18. "Free product" is identified as either 1) an accumulation of fuel observed to occur as a distinct separate phase from the soil matrix in a soil boring, or 2) a measurable thickness floating on the water surface in a monitoring well.

- Residual product was identified at 9 USTs (Tanks 2, 4, 7, 9, 10, 11, 14, 16, and C). Residual product is identified as discontinuous or non-mobile fuel within the soil matrix.

- The USTs are 20 feet in height and are typically buried under 4 to 5 feet of overburden.

- Where encountered, free product or residual product is mainly located at depths between 15 and 30 feet below ground surface (bgs), associated with the foundation of the USTs. In general, the lithologic sequence corresponding to the foundations of the tanks is weathered bedrock.

- Chemical analysis of groundwater samples collected from soil borings and monitoring wells adjacent to the USTs indicates total petroleum hydrocarbon (TPH) concentrations ranging from non-detect to 100 milligrams per liter (mg/L) at most locations.

- Four groundwater samples collected adjacent to USTs had reported TPH concentrations ranging from 100 to 10,000 mg/L.

- One groundwater sample collected adjacent to Tank No. 5 reported percent range (>10,000 mg/L) concentrations of TPH.

- The 6 bedrock monitoring wells completed at select USTs have yielded insufficient quantities of groundwater for representative sampling since they were installed in December 1998. Groundwater associated with USTs located in hillside areas (relatively higher topographic elevations) occurs sporadically under perched conditions and is directly attributed to precipitation events.

- Insufficient groundwater was encountered to install monitoring wells at 4 of the 10 proposed drainage area well locations.

- Free product has not been identified in recently-installed drainage area monitoring wells located downgradient of potential or known sources. Chemical analysis of groundwater samples from drainage area wells indicates a maximum TPH-purgeable (TPH-p) concentration of 6.1 micrograms per liter (µg/L) (MW04-03) and a maximum TPH-extractable (TPH-e) concentration of 1.6 mg/L (MW03-03).

Plate 2 presents areas of free product and residual product associated with USTs. Plates A1 through A9 (Appendix A) present chemical data for soil and groundwater samples collected adjacent the USTs. Plate A10 (Appendix A) presents chemical data for samples collected from drainage area monitoring points.

2.2 PHASE I PIPELINE AND VALVE BOX CHARACTERIZATION ACTIVITIES

Plate 1 presents all of the data points included in the Phase I pipeline and valve box characterization. Plate B1 (Appendix B) presents the locations of excavations adjacent to fuel system pipelines and valve boxes.

Investigation of potential and known sources (pipelines and valve boxes) of fuel releases and potential migration pathways (pipeline corridors) included the following:

- Excavation of 48 investigative trenches at 27 valve boxes
- Excavation of 14 investigative trenches along pipelines between valve boxes
- Analysis of 38 soil samples collected from investigative trenches at pipelines and valve boxes
- Analysis of 4 water samples collected from investigative trenches at pipelines and valve boxes

The fuel system pipelines and valve boxes investigated for the Phase I characterization do not include sections of pipeline and valve boxes that have been proposed for removal under the basewide pipeline removal program. Plate B1 (Appendix B) delineates the sections of pipeline investigated and the sections proposed for removal.

Findings of Phase I Pipeline and Valve Box Characterization

Findings of the Phase I pipeline and valve box characterization are summarized as follows:

- Free product was encountered in excavations adjacent to Valve Box 7. Residual product was identified in excavations adjacent to Valve Box 6, Valve Box 15, Valve Box 16, and in areas between Valve Boxes 15 and 16. Additional excavations completed both upgradient and downgradient of the sources identified indicate that fuel-related contamination is not extensive along the pipeline corridors but is prevalent adjacent to these valve boxes.
- Shallow groundwater conditions (3 to 9 feet bgs) were encountered in the free and residual product areas identified above.
- Approximately 55% of the soil samples collected from excavations along pipelines reported TPH concentrations ranging between non-detect to 100 milligrams per kilogram (mg/kg).

- Approximately 37% of the soil samples collected from excavations along pipelines had reported TPH concentrations ranging between 100 and 10,000 mg/kg.

- Three soil samples from excavations had reported TPH concentrations exceeding 10,000 mg/kg; these soil samples were collected adjacent to Valve Boxes 6, 7, and 15.

- Water samples collected from excavations located between Valve Boxes 15 and 16 had a maximum TPH concentration of 285 mg/L.

- Non-detectable to trace-level (maximum of 4 µg/L) concentrations of methyl-tertiary butyl ether (MTBE) were reported in water samples collected from excavations.

- Current conditions indicate that the product occurrences identified in excavations are primarily located along the axis of prominent ravines in relatively low-lying topographic areas, where shallow groundwater conditions exist in thickened sequences of colluvium and fill adjacent to pipelines or valve boxes. Field observations indicate that the vertical extent of fuel product is relatively shallow (less than 15 feet bgs) in these areas.

- The underground fuel pipeline system downgradient of the USTs was installed at shallow depths. The sections of pipelines exposed indicate that they are in good condition, with the original asphalt mesh wrapping intact. Fuel product pipelines (constructed of steel) were backfilled with native site materials. Primary oil recovery system (ORS) pipelines (constructed of polyvinyl chloride [PVC]) were backfilled with graded pipe bedding material.

Plate B2 (Appendix B) presents chemical data for soil and groundwater samples collected from excavations adjacent to pipelines and valve boxes.

2.3 PHASE I SURFACE SOIL AND SEEP CHARACTERIZATION ACTIVITIES

Plate I presents all of the data points included in the Phase I surface soil and seep characterization. Characterization activities included the following:

- Chemical analysis of 28 surface (0 to 2 feet bgs) soil samples collected from locations where known (or reported) fuel leaks or spills have occurred; 5 sample locations were co-located with surface water seep locations (described below).

- Sampling and analysis of 9 water samples collected from seep locations identified during heavy rainfall events in January 1999.

Plate C1 (Appendix C) presents the surface soil and seep sampling locations. Plate C2 presents chemical data for the surface soil and seep samples collected.

Findings of Phase I Surface Soil and Seep Characterization

Findings of the Phase I surface soil and seep characterization are summarized as follows:

- Free product was not encountered at any of the surface soil or seep locations sampled.
- Fuel-related sheens were observed at seep locations downgradient of Tank 19 and adjacent to Valve Box 7.
- Three of the surface water seep locations identified in January and February 1999 did not yield water during surface soil sampling activities conducted in April 1999.
- Seven of the surface soil sampling locations exhibited fuel-related staining or hydrocarbon odors; these areas are located near Valve Box 7, downgradient of Tank 19, and one location upgradient of the waste disposal area.
- Approximately 50% of the surface soil samples collected had reported total TPH (purgeable and extractable) concentrations less than 100 mg/kg.
- Approximately 25% of the surface soil samples collected had reported total TPH concentrations between 100 and 1,000 mg/kg.
- Two of the surface soil samples had reported total TPH concentrations between 5,000 and 10,000 mg/kg; these two samples were collected from areas adjacent to Valve Box 7 and downgradient of Tank 19.
- One surface soil sample had reported total TPH concentrations exceeding 10,000 mg/kg; the sample was collected downgradient of Tank 19 near the known source of the most recent UST overfill at the site.
- Of the nine seep samples collected, a maximum TPH-e as jet petroleum fuel (JP-5) concentration of 3.54 mg/L was also reported from the area downgradient of Tank 19.
- Benzene and MTBE were not detected at any of the seep sample locations

3.0 RECOMMENDED PHASE II CHARACTERIZATION ACTIVITIES

DQOs for the Phase II characterization are presented in Table 3-1. Recommended Phase II activities were developed by identifying additional data necessary to support corrective action planning for closure of the USTs and fuel pipeline system. Tables 3-2 and 3-3 present data summaries from the Phase I characterization, and assessment of existing monitoring points. In addition, Tables 3-2 and 3-3 present recommendations for Phase II activities. The recommendations are based on whether existing data is

sufficient to adequately characterize identified source areas, migration pathways, and potential exposure points.

Plate 3 presents the recommended Phase II activities resulting from the Phase I characterization. Plate 4 presents a facility-wide groundwater distribution map. The proposed activities include the following:

- Monthly water level and free product thickness measurements at all existing monitoring wells adjacent to USTs (including bedrock wells) where product is present to evaluate groundwater recharge and product thickness subject to seasonal variation
- Monthly removal (via vacuum pumping) of free product identified at monitoring wells adjacent to USTs to evaluate free product recovery characteristics
- Quarterly groundwater sampling at monitoring wells adjacent to USTs that do not contain free product to characterize groundwater adjacent USTs
- Quarterly groundwater sampling from recently-installed and existing monitoring wells shown on Plate 3; analysis will include the chemical properties identified in DQO Step 7 (TPH purgeable and extractable), and polycyclic aromatic hydrocarbons (PAHs), and physical properties pH, biological oxygen demand [BOD], total organic carbon [TOC], nitrate, sulfate, and dissolved oxygen) to evaluate biodegradation
- Additional subsurface investigation downgradient of Tanks 13 and 15 to define the extent of free product encountered at these USTs
- Subsurface investigation at Valve Box 9 and directly upgradient of Valve box 22 to complete characterization of areas where access conditions limited investigative activities during Phase I
- Installation of groundwater monitoring wells in relatively high groundwater recharge areas between Valve Boxes 14 and 15, and between Valve Boxes 15 and 16 (these wells will serve as additional drainage area monitoring locations).
- Additional surface soil characterization downgradient of Tank 19 and adjacent to Valve Box 7 to define the extent of hydrocarbon impact from these sources.
- Additional investigative trenching adjacent to pipelines associated with Valve Boxes 8D, 9D, 10, 10D, 13, 13D, and 19; these pipelines were originally considered for removal and were not investigated during Phase I activities.

In addition, Plate 3 identifies sections of pipeline associated with Valve Boxes 6, 7, 14, and 15 that are recommended for removal. These pipelines may be included in the basewide pipeline removal program, but are not proposed for removal as part of the Phase II characterization activities.

4.0 REFERENCES

Tetra Tech EM Inc. (TtEMI). 1999. Characterization of Underground Storage Tanks and Fuel Pipelines, Revised Final Field Work Plan, Naval Fuel Depot Point Molate. April 30.

TtEMI. 1999a. Characterization of Underground Storage Tanks and Fuel Pipelines. Revised Final Field Work Plan. Naval Fuel Depot Point Molate. Field Sampling and Analysis Plan. April 30.

TABLE 3-1
NFD POINT MOLATE
CHARACTERIZATION OF USTs AND FUEL PIPELINES
INTERIM SUMMARY MEMORANDUM
DATA QUALITY OBJECTIVES FOR PHASE II CHARACTERIZATION

DQO STEP	DETAILS
STEP 1 **State the Problem**	The results of the Phase I characterization indicate that the following areas require additional action: • Floating free product has been identified in discrete intervals at the foundations of 9 USTs. • Free product and residual product are present in subsurface soil in contact with groundwater in specific ravine areas between Valve Boxes 15 and 16, and adjacent to Valve Box 7. • Hydrocarbon compounds are present in surface soil downgradient of Tank 19 and adjacent to Valve Box 7.
STEP 2 **Identify the Decisions**	• Have potential source areas been adequately identified and characterized? • Are existing monitoring points sufficient to support corrective action decisions? • Is free product migrating from identified source areas? • Are existing groundwater data sufficient to support monitored natural attenuation (MNA)?
STEP 3 **Identify Inputs to the Decisions**	• Validated, defensible analytical data for subsurface soil samples collected near source areas for complete characterization near Valve Boxes 8D, 9, 9D, 10, 10D, 13, 13D, and 22, as well as downgradient of Tanks 13 and 15. • Validated, defensible analytical data for groundwater samples collected from identified source areas and downgradient drainage areas. • Product thickness measurements and recovery data from UST monitoring wells. • Validated, defensible analytical data for surface soil samples collected downgradient of Tank 19 and adjacent to Valve Box 7.
STEP 4 **Define Study Boundaries**	• Subsurface soil to the depth of competent bedrock in areas downgradient of Tanks 13 and 15. • Shallow groundwater at and downgradient of known source areas and including groundwater in the recharge area near Valve Box 15. • Surface soil in areas downgradient of Tank 19 and adjacent to Valve Box 7, to delineate lateral extent of hydrocarbon-contaminated soil in these areas. • Temporal boundaries of Phase II include: — Monthly monitoring for free product at existing UST wells for 6 months, after which the data will be evaluated. — Quarterly sampling of groundwater from UST wells not containing free product, and from drainage area wells for one year, after which the data will be evaluated to recommend future monitoring frequency.
STEP 5 **Develop Decision Rules**	• If Phase II data indicate that the source areas have been adequately identified and characterized, then source areas will be recommended for inclusion in corrective action planning. • If Phase II data indicate that source areas have not been adequately identified and characterized, then specific areas may be recommended for further evaluation during corrective action planning. • If the areal extent of hydrocarbon-contaminated surface soil is adequately delineated and characterized downgradient of Tank 19 and adjacent to Valve box 7, then these areas will be recommended for inclusion in corrective action planning. • If the areal extent of hydrocarbon-contaminated surface soil is not adequately delineated and characterized, then specific areas may be recommended for further evaluation during corrective action planning. • If groundwater data indicate that natural attenuation is occurring, then groundwater monitoring will continue to support MNA. • If groundwater data indicate that natural attenuation is not occurring, then additional evaluation may be necessary to determine the adequacy of MNA.

TABLE 3-1 (CONTINUED)
NFD POINT MOLATE
CHARACTERIZATION OF USTs AND FUEL PIPELINES
INTERIM SUMMARY MEMORANDUM
DATA QUALITY OBJECTIVES FOR PHASE II CHARACTERIZATION

DQO STEP	DETAILS
STEP 6 **Specify Tolerable Limits on Decision Errors**	• The rationale for collecting specific data is based on the conceptual site model (CSM) for the USTs and pipelines, as detailed in the site-specific field work plan (FWP) and the field sampling and anlaysis plan (FSAP). Due to the nature of the problem, a non-probability-based sampling design will be used. • Use of statistics is limited because the proposed locations of monitoring wells are based on known sources and hydrogeology of the area, that is, a predictive approach. • Proposed locations for surface soil sampling are based on knowledge of prior release pathways and the results of the Phase I characterization. • Measurements quality objectives (MQOs) for chemical data are evaluated through review of data quality indicators (DQIs), as defined in the laboratory validation statement of work (SOW) and the FSAP.
STEP 7 **Optimize Sampling Design**	• To delineate and characterize source areas, samples will be analyzed for total petroleum hydrocarbons-purgeable (TPH-p), (including benzene, toluene, ethylbenzene and xylene [BTEX] and methyltertiary butyl ether [MTBE], total petroleum hydrocarbon-extractable (TPH-e), and polynuclear aromatic hydrocarbons (PAHs). • To evaluate MNA, specific samples will be analyzed for pH, biological oxygen demand (BOD), total organic carbon (TOC), nitrate, sulfate, and dissolved oxygen.

Notes:

BOD Biological oxygen demand
BTEX Benzene, toluene, ethylene and xylene
CSM Conceptual site model
DQI Data quality indicator
DQO Data quality objective
FSAP Field sampling and analysis plan
FWP Field work plan
MNA Monitored natural attenuation
MTBE Methyl tertiary butyl ether
PAHs Polynuclear aromatic hydrocarbons
TOC Total organic carbon
TPH-e Total petroleum hydrocarbons extractable
TPH-p Total petroleum hydrocarbons purgeable
UST Underground storage tank

TABLE 3-2
NFD POINT MOLATE
CHARACTERIZATIONOF USTs AND FUEL PIPELINES
INTERIM SUMMARY MEMORANDUM
FINDINGS AT USTs AND RECOMMENDED ACTIONS

UST Soil Boring No. [a]	Residual Product Present (Depth ft) [b]	Free Product Present (Depth ft) [b]	Thickness Of Residual/ Free Product (Feet) [b]	Floating Product On Groundwater (Feet) [c]	Current Conditions	Existing Monitoring Location(s)	New Monitoring Location Required (Y/N)	Recommended Action
SBT01-01	N	N	NA	NA	Dry conditions	Soil sampled from boring	N	Phase II characterization not required
SBT01-02	N	N	NA	NA	Trace saturation; no recharge	Soil sampled from boring	N	Phase II characterization not required
SBT01-03	N	N	NA	NA	Dry conditions	Soil sampled from boring	N	Phase II characterization not required
SBT02-01	N	N	NA	NA	Insufficient recharge for water sampling (03/99)	MWT02-01	N	Monitor existing well for seasonal variations
SBT02-02	N	N	NA	NA	Monitoring well installed	MWT02-02	N	Monitor existing well for seasonal variations
SBT02-03	Y (26.1)	N	2.1 (R)	NA	Monitoring well installed	MWT02-03	N	Monitor existing well for seasonal variations
SBT03-01	N	N	NA	NA	Monitoring well installed	MWT03-01	N	Monitor existing well for seasonal variations
SBT03-02	N	N	NA	NA	Monitoring well installed	MWT03-02	N	Monitor existing well for seasonal variations
SBT03-03	N	N	NA	NA	Trace saturation; no recharge	Water sampled from boring	N	Phase II characterization not required
SBT04-01	Y (21.6)	N	<0.5 (R)	NA	Dry conditions	Soil sampled from boring	N	Excavations proposed at downgradient valve boxes
SBT04-02	N	N	NA	NA	Perched water depleted when drilling to refusal	Soil sampled from boring	N	Phase II characterization not required
SBT04-03	N	N	NA	NA	Dry conditions	Soil sampled from boring	N	Phase II characterization not required
SBT05-01	N	N	NA	NA	Dry conditions	MW03-03	Y	Install new wells in downgradient ravine [d]
SBT05-02	N	Y (26.2)	0.5 - 1.0 (F)	0.005	Monitoring well installed	MWT05-02; MW03-03	Y	Install new wells in downgradient ravine [d]
SBT05-03	N	N	NA	NA	Dry conditions	MW03-03	Y	Install new wells in downgradient ravine [d]
SBT06-01	Y (21.5)	N	0.5 (R)	NA	Trace saturation; no recharge	MWT06-01; MW03-03	Y	Install new wells in downgradient ravine [d]
SBT06-02	N	Y (25.9)	1.0 (R)	0.36	Monitoring well installed	MWT06-02; MW03-03	Y	Install new wells in downgradient ravine [d]
SBT06-03	N	Y (27.0)	0.4 (R)	NA	Monitoring well installed	MWT06-03; MW03-03	Y	Install new wells in downgradient ravine [d]
SBT07-01	N	N	NA	NA	Dry conditions	MW03-03	N	Phase II characterization not required
SBT07-02	N	N	NA	NA	Monitoring well installed	MWT07-02; MW03-03	N	Monitor existing well for seasonal variations
SBT07-03	N	N	NA	NA	Dry conditions	MW03-03	N	Phase II characterization not required
SBT08-01	N	Y (23.5)	0.04 (F)	0.04	Monitoring well installed	MWT08-01; MW03-03	Y	Install new wells in downgradient ravine [d]
SBT08-02	Y (24.3)	N	1.0 (R)	NA	Dry conditions	MW03-03	Y	Install new wells in downgradient ravine [d]
SBT08-03	Y (24.8)	N	0.5 (R)	NA	Dry conditions	MW03-03	Y	Install new wells in downgradient ravine [d]
SBT09-01	N	N	NA	NA	Trace saturation; no recharge	MW04-03; MW04-04	N	Monitor existing drainage area wells
SBT09-02	Y (24.8)	N	1.2 (R)	NA	Dry conditions	MW04-03; MW04-04	N	Monitor existing drainage area wells
SBT09-03	Y (24.7)	N	3.9 (R)	NA	Trace saturation; no recharge	MW04-03; MW04-04	N	Monitor existing drainage area wells
SBT10-01	Y (20.1)	N	0.4 (R)	NA	Trace saturation; no recharge	Water sampled from boring;	N	Phase II characterization not required
SBT10-02	N	N	NA	NA	Dry conditions at tank & downgrad. borings	MW04-03	N	Phase II characterization not required
SBT10-03	Y (24.9)	N	0.7 (R)	NA	Trace saturation; no recharge	Water sampled from boring	N	Phase II characterization not required
SBT11-01	Y (19.5)	N	1.0 (R)	NA	Dry conditions	MW07-01	N	Monitor MW07-01
SBT11-02	N	N	NA	NA	Trace saturation; no recharge	MW07-01	N	Monitor MW7-01
SBT11-03	Y (19.5)	N	1.0 (R)	NA	Trace saturation; no recharge	MW07-01	N	Monitor MW07-01
SBT12-01	N	N	NA	NA	Dry conditions	MW04-03; MW04-04	N	Monitor existing well for seasonal variations
SBT12-02	N	Y (27.5)	0.6 (F)	0.22	Monitoring well installed	MWT12-02; MW04-03, MW04-04	Y	Drill soil boring at VB 22 (see Valve Box Summary)
SBT12-03	Y (25.2)	N	4.5 (R)	NA	Monitoring well installed	MWT12-03; MW04-03, MW04-043	N	Monitor existing well for seasonal variations

TABLE 3-2
NFD POINT MOLATE
CHARACTERIZATIONOF USTs AND FUEL PIPELINES
INTERIM SUMMARY MEMORANDUM
FINDINGS AT USTs AND RECOMMENDED ACTIONS

UST Soil Boring No. [a]	Residual Product Present (Depth ft) [b]	Free Product Present (Depth ft) [b]	Thickness Of Residual/ Free Product (Feet) [b]	Floating Product On Groundwater (Feet) [c]	Current Conditions	Existing Monitoring Location(s)	New Monitoring Location Required (Y/N)	Recommended Action
SBT13-01	Y (20.0)	Y (20.4)	15 (Patches)	NA	Trace saturation; no recharge	MWT13-02	Y	Drill Ph II boring and bedrock corehole downgradient
SBT13-02	N	Y (27.7)	0.6 (F)	0.5	Monitoring well installed	MWT13-02	Y	Drill Ph II boring and bedrock corehole downgradient
SBT13-03	N	Y (26.7)	0.7 (F)	NA	Dry conditions	MWT13-02	Y	Drill Ph II boring and bedrock corehole downgradient
SBT14-01	N	N	NA	NA	Dry conditions	Soil sampled from boring	N	Ph II trenching proposed at VB9 downgradient
SBT14-02	Y (26.9)	N	1.0 (R)	NA	Dry conditions	Soil sampled from boring	N	Ph II trenching proposed at VB9 downgradient
SBT14-03	Y (20.5)	N	2.8 (R)	NA	Dry conditions	Soil sampled from boring	N	Ph II trenching proposed at VB9 downgradient
SBT15-01	Y (23.5)	Y (26.4)	6.3 (R)	0.57	Monitoring well installed	MWT15-01	Y	Drill soil boring downgradient of Tank 15
SBT15-02	Y (24.0)	N	1.1 (R)	NA	Insufficient recharge for water sampling (03/99)	MWT15-02	Y	Drill soil boring downgradient of Tank 15
SBT15-03	N	N	NA	NA	Trace saturation; no recharge	MWT15-01; MWT15-02	Y	Drill soil boring downgradient of Tank 15
SBT16-01	Y (17.8)	N	Trace (R)	NA	Dry conditions	MW01-01, MW01-02	N	Monitor existing downgradient drainage area wells
SBT16-02	Y (25.6)	N	0.3 (R)	NA	Trace saturation; no recharge	MW01-01, MW01-02	N	Monitor existing downgradient drainage area wells
SBT16-03	N	N	NA	NA	Dry conditions	MW01-01, MW01-02	N	Monitor existing downgradient drainage area wells
SBT17-01	N	N	NA	NA	Dry conditions	MW01-01, MW01-02	N	Monitor existing downgradient drainage area wells
SBT17-02	N	N	NA	NA	Trace saturation; no recharge	MW01-01, MW01-02	N	Monitor existing downgradient drainage area wells
SBT17-03	N	N	NA	NA	Dry conditions	MW01-01, MW01-02	N	Monitor existing downgradient drainage area wells
SBT18-01	Y (21.0)	Y (25.9)	2.1 (R)	0.01	Monitoring well installed	MWT18-01; MW02-14	N	Monitor existing wells for seasonal variations
SBT18-02	Y (23.5)	N	0.9 (R)	NA	Dry conditions	MW02-15, MW02-16	N	Monitor existing wells for seasonal variations
SBT18-03	N	N	NA	NA	Dry conditions	MW02-15, MW02-16	N	Monitor existing wells for seasonal variations
SBT19-01	Y (24.0)	Y (27.1)	1.0 (R)	0.01	Monitoring well installed	MWT19-01; MW02-16;	N	Monitor existing downgradient drainage area wells
SBT19-02	N	N	NA	NA	Dry conditions	MW02-16; MW02-07; MW02-17	N	Monitor existing downgradient drainage area wells
SBT19-03	Y (25.0)	N	1.0 (R)	NA	Dry conditions	MW02-16; MW02-07; MW02-17	N	Monitor existing downgradient drainage area wells
SBT20-01	N	N	NA	NA	Trace saturation; no recharge	ERM10-02	N	Phase II characterization not required
SBT20-02	N	N	NA	NA	Dry conditions	ERM10-02	N	Phase II characterization not required
SBT20-03	N	N	NA	NA	Dry conditions	ERM10-02	N	Phase II characterization not required
SBT21-01	N	N	NA	NA	Insufficient recharge for water sampling (03/99)	Water from boring; MWT21-01	N	Monitor existing well for seasonal variations
SBT21-02	N	N	NA	NA	Dry conditions	Soil sampled from boring	N	Phase II characterization not required
SBT21-03	N	N	NA	NA	Dry conditions	Soil sampled from boring	N	Phase II characterization not required
SBT22-01	N	N	NA	NA	Dry conditions	Soil sampled from boring	N	Phase II characterization not required
SBT22-02	N	N	NA	NA	Dry conditions	Soil sampled from boring	N	Phase II characterization not required
SBT22-03	N	N	NA	NA	Dry conditions	Soil sampled from boring	N	Phase II characterization not required
SBT23-01	N	N	NA	NA	Dry conditions	Soil sampled from boring	N	Phase II characterization not required
SBT23-02	N	N	NA	NA	Dry conditions	Soil sampled from boring	N	Phase II characterization not required
SBT23-03	N	N	NA	NA	Dry conditions	Soil sampled from boring	N	Phase II characterization not required
SBT24-01	N	N	NA	NA	Dry conditions	Soil sampled from boring	N	Phase II characterization not required
SBT24-02	N	N	NA	NA	Dry conditions	Soil sampled from boring	N	Phase II characterization not required
SBT24-03	N	N	NA	NA	Dry conditions	Soil sampled from boring	N	Phase II characterization not required

TABLE 3-2
NFD POINT MOLATE
CHARACTERIZATIONOF USTs AND FUEL PIPELINES
INTERIM SUMMARY MEMORANDUM
FINDINGS AT USTs AND RECOMMENDED ACTIONS

UST Soil Boring No. [a]	Residual Product Present (Depth ft) [b]	Free Product Present (Depth ft) [b]	Thickness Of Residual/ Free Product (Feet) [b]	Floating Product On Groundwater (Feet) [c]	Current Conditions	Existing Monitoring Location(s)	New Monitoring Location Required (Y/N)	Recommended Action
SBTB-01	Y (16.8)	Y (20.9)	2.4 (R)	0.28	Monitoring well installed	MWTB-01; MW03-01, MW03-02	N	Monitor existing wells for seasonal variations
SBTB-02	N	Y (12.0,15.0)	< 0.5 (F)	NA	Monitoring well installed	MWTB-02; MW03-01, MW03-02	N	Monitor existing wells for seasonal variations
SBTB-03	N	N	NA	NA	Trace saturation; no recharge	MW03-01, MW03-02	N	Monitor existing wells for seasonal variations
SBTC-01	Y (16.8)	N	2.4 (R)	NA	Monitoring well installed	MWTC-01; MW03-01, MW03-02	N	Monitor existing wells for seasonal variations
SBTC-02	N	N	NA	NA	Dry conditions	MW03-01, MW03-02	N	Monitor existing wells for seasonal variations
SBTC-03	N	N	NA	NA	Dry conditions	MW03-01, MW03-02	N	Monitor existing wells for seasonal variations

Notes:

a For example, boring number SBT01-02 represents "Soil boring at Tank 1, boring 02"

b Indicates residual/free product observed in soil core sample during drilling (Nov. - Dec. 1998)

c Floating product on groundwater measured August 1999

d New well locations proposed for installation downgradient of Tanks 5, 6, and 8 are shown on Plate 3

(R) Residual product identified in soil core sample during drilling
(F) Free product identified in soil core sample during drilling
N No
NA Not applicable (not present)
VB Valve box
Y Yes

TABLE 3-3
NFD POINT MOLATE
CHARACTERIZATION OF USTs AND FUEL PIPELINES
INTERIM SUMMARY MEMORANDUM
FINDINGS AND RECOMMENDATIONS AT VALVE BOXES AND PIPELINES

Valve Box No.	Excavation and Associated Pipeline Location	Free Product Present (Depth-ft)	Residual Product Present (Depth-ft)	Groundwater Present (Depth-ft)	Additional Activity Required?	Recommended Action
1	Upgradient trench at VB1	N	N	N	N	Phase II characterization not required at this location
2	Upgradient trench at VB2	N	N	N	N	Phase II characterization not required at this location
4	Downgradient trench at VB4	N	N	N	N	Phase II characterization not required at this location
	Second trench downgradient of VB4	N	N	N	N	Phase II characterization not required at this location
	Third trench downgradient of VB4	N	N	N	N	Phase II characterization not required at this location
	Fourth trench downgradient of VB4	N	N	N	N	Phase II characterization not required at this location
	Fifth trench downgradient of VB4	N	N	N	N	Phase II characterization not required at this location
	Trench between Tank 16 and VB4	N	N	N	N	Phase II characterization not required at this location
	Trench between Tank 17 and VB4	N	N	N	N	Phase II characterization not required at this location
6	Upgradient trench at VB6	N	Y (7.5)	Y (6.5)	Y	Pipeline removal recommended between VB 6 and VB 7
	Second trench upgradient of VB6	N	N	Y (9.0)	Y	Pipeline removal recommended between VB 6 and VB 7
	Trench between Tank 19 and VB6	N	N	Y (7.0)	Y	Pipeline removal recommended between Tank 19 and VB 6
7	Downgradient trench at VB7	Y (4.0)	NA	Y (4 - 10.0)	Y	Pipeline removal recommended between VB 6 and 7
	Upgradient trench at VB7	Y (7.0)	NA	N	Y	Pipeline removal recommended between VB 6 and 7
	Second trench upgradient of VB7	N	N	N	N	Phase II characterization not required at this location
	Third trench upgradient of VB7	N	N	N	N	Phase II characterization not required at this location
	Trench between Tank 18 and VB7	Y (6.0)	NA	Y (7.0)	Y	Pipeline removal recommended between Tank 18 and VB 7
8	Upgradient trench at VB8	N	N	N	N	Phase II characterization not required at this location
	Downgradient trench at VB8	N	N	N	N	Phase II characterization not required at this location
	Trench between Tank 15 and VB8	N	N	N	N	Phase II characterization not required at this location
8D	NA	NA	NA	NA	Y	Investigative trenching is proposed for Phase II
9	Upgradient trench at VB8	N	N	N	Y	Conduct Phase II drilling at VB 9
9D	NA	NA	NA	NA	Y	Investigative trenching is proposed for Phase II
10	NA	NA	NA	NA	Y	Investigative trenching is proposed for Phase II
10D	NA	NA	NA	NA	Y	Investigative trenching is proposed for Phase II
11	NA	NA	NA	NA	N	VB11 not investigated due to proximity to base-wide pipeline removal activities
12	NA	NA	NA	NA	N	VB12 not investigated due to proximity to base-wide pipeline removal activities
13	NA	NA	NA	NA	N	VB13 not investigated due to proximity to base-wide pipeline removal activities
13D	NA	NA	NA	NA	Y	Investigative trenching is proposed for Phase II
14	NA	NA	N	NA	Y	Pipeline removal recommended between VB 14 and 15
14D	Trench between Tank 6 and VB14D	N	N	N	Y	Additional Phase II monitoring wells and pipeline removal are proposed near this area
15	Downgradient trench at VB15	N	Y (10.5)	Y (8.5)	Y	Pipeline removal recommended between VB 14 and 15
	Second trench downgradient of VB15	N	N	N	Y	Pipeline removal recommended between VB 14 and 15
	Upgradient trench at VB15	N	Y (8.0)	Y (8.0)	Y	Portion of pipeline upgradient of VB 15 recommended for removal
	Second trench upgradient of VB15	N	N	Y (4.5)	Y	Install new monitoring well in prominent drainage area near TRVB16 and VB15-02

TABLE 3-3
NFD POINT MOLATE
CHARACTERIZATION OF USTs AND FUEL PIPELINES
INTERIM SUMMARY MEMORANDUM
FINDINGS AND RECOMMENDATIONS AT VALVE BOXES AND PIPELINES

Valve Box No.	Excavation and Associated Pipeline Location	Free Product Present (Depth-ft)	Residual Product Present (Depth-ft)	Groundwater Present (Depth-ft)	Additional Activity Required?	Recommended Action
16	Downgradient trench at VB16	N	N	Y (8.0)	N	Phase II characterization not required at this location
	Upgradient trench at VB16	N	N	N	N	Phase II characterization not required at this location
	Second trench upgradient of VB16	N	N	N	N	Phase II characterization not required at this location
	Trench between Tank 8 and VB16	N	Y (10.0)	N	Y	Monitor existing drainage area wells, and proposed Phase II wells in this area
	Trench between Tank 5 and VB16	N	N	N	N	Phase II characterization not required at this location
17	Downgradient trench at VB17	N	N	N	N	Phase II characterization not required at this location
	Upgradient trench at VB17	N	N	N	N	Phase II characterization not required at this location
	Second trench upgradient of VB17	N	N	N	N	Phase II characterization not required at this location
	Trench between Tank 7 and VB17	N	N	N	N	Phase II characterization not required at this location
18	Downgradient trench at VB18	N	N	N	N	Phase II characterization not required at this location
	Trench between Tank 13 and VB18	N	N	N	N	Phase II characterization not required at this location
19	NA	NA	NA	NA	N	Investigative trenching is proposed for Phase II
20	NA	NA	N	NA	N	VB20 not investigated due to proximity to base-wide pipeline removal activities
21	Downgradient trench at VB21	N	N	Y (9.0)	N	Phase II characterization not required at this location
	Upgradient trench at VB21	N	N	N	N	Phase II characterization not required at this location
	Trench between Tank 9 and VB21	N	N	N	N	Phase II characterization not required at this location
22	Downgradient trench at VB22	N	N	N	N	Phase II characterization not required at this location
	Upgradient trench at VB22	NA	NA	NA	Y	Pipelines inaccessible to trenching during Phase I; drilling proposed for Phase II
23	Upgradient trench at VB23	N	N	N	N	Phase II characterization not required at this location
	Trench between Tank 10 and VB23	N	N	N	N	Phase II characterization not required at this location
24	Upgradient trench at VB24	N	N	N	N	Phase II characterization not required at this location
	Second trench upgradient of VB24	N	N	N	N	Phase II characterization not required at this location
27	Downgradient trench at VB27	N	N	N	N	Phase II characterization not required at this location
28	Upgradient trench at VB28	N	N	N	N	Phase II characterization not required at this location
	Trench between Tank 21 and VB28	N	N	N	N	Phase II characterization not required at this location
29	Trench between Tank 22 and VB29	N	N	N	N	Phase II characterization not required at this location
30	Trench between Tank 23 and VB30	N	N	N	N	Phase II characterization not required at this location
31	Trench between Tank 24 and VB31	N	N	N	N	Phase II characterization not required at this location
32	Trench between Tank 24 and VB32	N	N	N	N	Phase II characterization not required at this location
33	Trench between Tank 23 and VB33	N	N	N	N	Phase II characterization not required at this location
34	Trench between VB33 and VB34	N	N	N	N	Phase II characterization not required at this location
34	Downgradient trench at VB34	N	N	N	N	Phase II characterization not required at this location
35	Trench between Tank 22 and VB35	N	N	N	N	Phase II characterization not required at this location
36	Upgradient trench at VB36	N	N	N	N	Phase II characterization not required at this location
	Trench between Tank 21 and VB36	N	N	N	N	Phase II characterization not required at this location

TABLE 3-3
NFD POINT MOLATE
CHARACTERIZATION OF USTs AND FUEL PIPELINES
INTERIM SUMMARY MEMORANDUM
FINDINGS AND RECOMMENDATIONS AT VALVE BOXES AND PIPELINES

Valve Box No.	Excavation and Associated Pipeline Location	Free Product Present (Depth-ft)	Residual Product Present (Depth-ft)	Groundwater Present (Depth-ft)	Additional Activity Required?	Recommended Action
37	Downgradient trench at VB37	N	N	N	N	Phase II characterization not required at this location
38	Upgradient trench at VB38 (VB 27 side)	N	N	N	N	Phase II characterization not required at this location
	Upgradient trench at VB38 (VB 37 side)	N	N	N	N	Phase II characterization not required at this location
	Downgradient trench at VB38	N	N	N	N	Phase II characterization not required at this location
	Second trench downgradient VB38	N	N	N	N	Phase II characterization not required at this location
	Third trench downgradient of VB38	NA	NA	NA	NA	Pipeline not located during Phase I; however, pipeline removal is proposed

Notes:

VB Valve Box
Y Yes
N No
NA Not Applicable

APPENDIX A

UNDERGROUND STORAGE TANK (UST) CHARACTERIZATION

APPENDIX A

1.0 UNDERGROUND STORAGE TANK CHARACTERIZATION

Appendix A provides a description of field activities and a summary of data collected under the underground storage tank (UST) characterization. The UST characterization included:

- Investigation and sampling of subsurface soil and groundwater adjacent to the USTs to determine whether free product is present.
- Investigation and sampling of prominent drainage areas to evaluate groundwater conditions downgradient of potential and known fuel sources.
- Assessment of bedrock characteristics at selected UST locations to evaluate the potential for migration of fuel product into competent bedrock or downgradient of USTs.

1.1 SITE PREPARATION ACTIVITIES

Prior to initiating the UST subsurface investigation program, preparatory work included identification of underground utility lines or subsurface structures at proposed investigation locations. Primarily this involved review of basewide utility system distribution maps and consultation with the facility operations manager. At most locations a utilities clearance subcontractor located and marked buried structures or utilities.

Site preparation activities also included clearing, grubbing, and earthwork operations. These activities were necessary due to the dense vegetation and sloping terrain prevalent in the hillside areas of NFD Point Molate where the USTs are situated. These activities were completed with a Caterpillar D-3 bulldozer. In general, clearing and grubbing activities involved grading and leveling of the ground surface to remove excess vegetation and to provide a stable platform for the drilling equipment. For specific locations near the UST outer tank valve pits, limited earthwork operations (that is, cut and fill) were required to establish access for drilling equipment. As discussed in the field sampling and analysis plan (FSAP), efforts were made to minimize damage to the surrounding vegetation and landscape.

1.2 UST SOIL BORING INVESTIGATION

Three soil borings were drilled along the perimeter of Tanks 1 through 20 and Tanks B and C. In addition, three soil borings were drilled along the perimeter of Tanks 21 through 24 located on the

adjoining property leased from Chevron U.S.A Inc. (Chevron), resulting in a total of 78 soil borings. The locations of the UST perimeter borings are presented on Plates A1 through A9.

At each tank, a primary soil boring was advanced directly downgradient from the outer tank valve pit to target the most probable area of subsurface contaminant migration or product accumulation. The remaining two soil borings were advanced at locations around the tank perimeter to evaluate subsurface conditions associated with potential or known tank overfills (resulting in fuel spills from the roof manholes). These borings were advanced as close to the tank sidewalls as possible, generally within 5 to 10 feet, to characterize subsurface conditions within the tank backfill and native materials at the base of the tanks. Fill material, typically 4 to 5 feet thick was present over the roofs of the tanks. The primary soil borings located near the outer tank valve pits typically were drilled approximately 8 to 15 feet below the roofs of the tanks, depending on the amount of earthwork required to access these areas.

Soil borings were completed using hollow stem auger drilling equipment. Undisturbed soil core samples were retrieved using a 5-foot length Central Mine Equipment (CME) continuous soil sampler. Tetra Tech EM Inc. (TtEMI) geologists logged the subsurface conditions encountered at each soil boring. Documentation of subsurface conditions included lithologic description and classification, depths of observed hydrocarbon contaminated intervals, depth of groundwater or saturated conditions, and the results of field screening for contaminated soil. In addition, photographic documentation was conducted for each 5-foot core sample.

As discussed in the field work plan (FWP), UST soil borings were advanced to refusal or to the extent that competent bedrock was encountered. At several soil boring locations, 0.5 to 1.0 feet of competent bedrock material were typically recovered before the augers could not be further advanced.

1.2.1 Field Screening and Descriptive Classification of Soil

Field screening results were used to select specific intervals for laboratory analysis. Field screening activities included: (1) observations of visible fuel in the soil or floating product observed on standing water in borings, (2) measurements of photoionization detector (PID) readings, and (3) a general (visual) classification of contaminant levels. Field screening activities were conducted in accordance with the FSAP.

As discussed in the FWP, soil samples were collected where the most obvious soil contamination was encountered based on field screening. If obvious contamination was not encountered at a specific boring, a minimum of one soil sample was collected at or near the base of the tank for laboratory analysis.

Continuous core sampling at tank perimeter locations provided consistent evidence of the depth at which the tank foundation base was encountered. For example, features such as fill material and construction debris (such as wood and concrete fragments, steel mesh, and scraps of geofabric) were identified at depths ranging between 20 and 25 feet bgs. Specifically, a layer of medium- to coarse-grained quartzite sand ranging from 3 to 6 inches thick was identified in most soil borings. The sand layer is presumed to have been placed as a leveling course before placement of the concrete tank base. Additional characteristics of the sand layer include: 1) texture and composition that is distinctly foreign (that is processed and imported) to the overlying and underlying native geology, 2) uniform (constructed) thickness of the sand layer, and 3) occasional presence of cement or a cemented "leachate" in the sand material presumably from the adjacent concrete slab.

In accordance with the conceptual site model (CSM) described in the FWP, the primary objective of the Phase I characterization was to determine whether free product or residual contamination is present in areas of probable accumulation. Although soil and groundwater samples were collected for chemical analysis, the field characterization was also contingent on physical observation. As presented in the FSAP, TtEMI field geologists applied a descriptive classification, or ranking, of subsurface conditions based on physical observation of fuel contamination at each soil boring. The classification system was used to establish consistency in visual characterization of the subsurface conditions encountered.

The ranking used for field classification is presented as follows:

- Criteria 1: Product staining or odors are not observed during visual inspection or from PID readings
- Criteria 2: Relict (aged) product staining is observed
- Criteria 3: Recent product staining or product odor is observed
- Criteria 4: Residual product or product saturation is observed through intervals or within discrete patches
- Criteria 5: Free product is observed

Table A-1 (UST Soil Boring Characterization Summary) presents the results of descriptive classification of UST soil borings. Table A-1 includes the soil sample intervals selected for chemical analysis.

1.2.2 Analytical Parameters for Soil

Subsurface samples from UST soil borings were analyzed for total petroleum hydrocarbons-purgeable (TPH-p), including aromatic volatile components (benzene, toluene, ethylbenzene, and xylene [BTEX]). Analysis also included TPH-extractable (TPH-e) (EPA 8015 modified), and seimivolatile organic compounds (SVOCs), specifically, polynuclear aromatic hydrocarbons (PAHs) (EPA method 8310). EPA's contract laboratory program (CLP) methods were used for all analyses.

Since USTs 21 through 24 once stored aviation gas (which contained BTEX and lead), soil samples collected near these tanks were analyzed for lead and for volatile organic compounds (VOCs). The analytical results of samples collected from UST soil borings are presented on Plates A1 through A9. The results presented on Plates A1 through A9 represent detectable concentrations. The results of all analyses (including non-detectable concentrations) are presented in Appendix D.

1.3 UST GROUNDWATER INVESTIGATION

The investigation of groundwater at UST locations was conducted to determine whether free product was present in groundwater adjacent to the USTs and to characterize current groundwater conditions. This investigation was contingent on whether groundwater was encountered at UST soil borings.

1.3.1 Occurrence of Groundwater at UST Soil Borings

As stated above, 3 soil borings were drilled at each UST location. Several of these soil borings were converted to groundwater monitoring wells. The UST monitoring wells represent locations where measurable groundwater was encountered during soil boring activities.

Table A-2 presents the characteristics of groundwater encountered at UST soil borings. These characteristics are summarized as follows:

- UST soil borings did not yield sufficient quantities of groundwater for monitoring well installation adjacent to Tanks 1, 4, 9, 10, 11, 14, 16, 17, and 20. However, sufficient groundwater was present to obtain grab water samples from soil borings at Tanks 4, 9, 10, and 16.

- No groundwater was encountered adjacent to USTs 21 through 24 located on Chevron property, with exception of soil boring SBT21-01, which was converted to monitoring well MWT21-01. A grab groundwater sample and a monitoring well sample were collected during drilling activities in December 1998. However, monitoring well MWT21-01 did not yield sufficient groundwater for sampling in March 1999.

- Sufficient groundwater was encountered for the installation of at least one monitoring well adjacent to USTs 5, 6, 7, 8, 12, 13, 15, 18, and 19. Variations in groundwater availability were encountered at these tanks. Disparities in groundwater yield are observed at specific boring locations associated with each tank. At UST 13, for example, SBT13-02 exhibited approximately 5 feet of water in the soil boring upon completion of drilling, while SBT13-03 exhibited no water up to 70 hours after drilling.

- Compared to the hillside USTs addressed above, USTs 2, 3, B and C exhibited greater groundwater yield, demonstrating that groundwater is more prevalent in areas of lower topographic relief.

1.3.2 Groundwater Sampling

Groundwater sampling at UST locations was conducted on a site-specific basis under one of three possible scenarios. If groundwater was encountered during the drilling of soil borings, groundwater sampling was conducted: 1) from within the inside of the hollow stem auger flights; 2) from the open borehole after auger flights were retrieved; or 3) from a monitoring well installed in the boring. Groundwater sampling was conducted in accordance with the procedures described in the FSAP.

As discussed in the FSAP, field sampling activities included collection of grab groundwater samples from soil borings if sufficient quantities for sampling could be obtained. First available groundwater was collected from soil borings in case groundwater was not available or present following drilling activities. In specific cases, groundwater may be present initially, but advancement of the drilling equipment can 1) disturb the saturated condition, 2) cause perched water to leak into weathered bedrock, or 3) create a conduit for perched water that would not otherwise exist.

Where UST monitoring wells were installed, the bottom of the well was placed at the competent bedrock contact. The screened interval of the wells typically extends through the saturated zone that includes some overburden (placed fill) and weathered bedrock and fill material overlying competent bedrock. Monitoring well installation was conducted in accordance with the FSAP.

1.3.3 Analytical Parameters for Groundwater

Groundwater samples were analyzed for TPH-p, including BTEX and methyl-tertiary butyl ether (MTBE, EPA Method 8020). Analysis also included TPH-e (EPA 8015 modified) and SVOCs, specifically PAHs (EPA 8310). Groundwater encountered from the area associated with USTs 21 through 24 (which previously stored aviation fuel or leaded gasoline) was analyzed for VOCs (to determine the presence of BTEX) and lead.

1.4 INVESTIGATION OF PROMINENT DRAINAGE AREAS

Six drainage area monitoring wells were installed at the locations presented on Plate A10. Monitoring well MW02-07 was installed in June 1994 and is included in the characterization of prominent drainage areas. Additional monitoring wells were installed during 1999 Phase II Remedial Investigation (RI) activities and may also be used to evaluate migration of fuel-related constituents within drainage areas.

Table A-2 presents the characteristics of groundwater encountered at soil borings completed in prominent drainage areas. These characteristics are summarized as follows:

- Four of the ten soil borings were not converted to monitoring wells due to lack of groundwater; dry subsurface conditions were encountered at borings SB03-04, SB05-01, SB05-02, and SB06-01 (drainage areas 3,5, and 6).

- Drainage area wells were installed in drainage areas 1, 3, 4, and 7 including MW01-01, MW01-02, MW03-03, MW04-03, MW04-04, and MW07-01. Development and sampling of the wells was performed in March 1999. Water levels stabilized near or slightly below the ground surface at MW01-01 and MW07-01. Stabilized water columns ranging from 8 to 12 feet are present in monitoring wells MW01-02, MW03-03, MW04-03, and MW04-04, however, sustained recharge in these well is limited.

The analytical results for groundwater samples collected from drainage area monitoring wells are presented on Plate A10. Samples were analyzed for the same constituents as the UST monitoring well groundwater samples (Section 1.3.3). The analytical data shown on Plate A10 represents detectable concentrations in groundwater from drainage area monitoring wells. All analytical data (including non-detects) are presented in Appendix D.

1.5 EVALUATION OF BEDROCK AT SELECTED USTS

Bedrock coreholes were advanced into comptent bedrock in areas adjacent to 6 USTs identified with free or residual product, Including Tanks, 11, 12, 13, 15, 18 and 19. One corehole was installed at Tank 17 early in the soil boring program to evaluate the coring equipment. Prior to rock coring, the hollow stem augers were advanced to the bedrock contact (refusal) to provide standoff from the unconsolidated overburden. Each corehole was advanced through the hollow stem augers approximately 10 to 15 feet into competent bedrock. Core samples were retrieved using a wireline system attached to the core barrel. Documentation of core characteristics included a lithologic description, sample depth, percent of core recovered, fracture orientation, visual classification, and photographic documentation. Chemical analysis of bedrock core samples was not performed.

To assess the presence of groundwater or the potential for fuel constituents within bedrock, groundwater monitoring wells were installed at six corehole locations (CHT11-01, CHT12-03, CHT13-01, CHT15-01, CHT18-01, and CHT19-03). For each monitoring well, the screened interval was installed within the competent bedrock interval, with the sand filter pack extending 1.5 to 2.0 feet above the top of the well screen. The bentonite seal was constructed to extend from the top of the sand filter pack to an interval above the overburden/bedrock contact, to prevent surface water and shallow groundwater intrusion into the bedrock monitoring well.

The bedrock monitoring wells were installed in December 1998. Well development activities were initiated in December 1998 and groundwater sampling was conducted in March 1999. Development and sampling at bedrock monitoring wells indicate that limited, and in most cases insufficient, quantities of groundwater were available for sampling. Therefore, representative groundwater samples were not obtainable at any of the bedrock wells. Free product was not encountered in any of the bedrock monitoring wells. Table A-4 presents bedrock monitoring well characteristics and the differences in yield between perched UST monitoring wells versus bedrock UST wells.

2.0 SUMMARY OF OBSERVED CONDITIONS FROM UST CHARACTERIZATION

The characteristics of the UST and drainage area drilling activities are summarized in Tables A-1 through A-5. General characteristics are summarized as follows:

- Free product was encountered in soil borings adjacent to USTs 5, 6, 12, 13, 19, and B; these product occurrences were initially identified during drilling activities in December 1998, and (subsequent) monitoring activities in March 1999. As of March 1999, measurable floating

free product was observed at groundwater monitoring wells MWT05-02, MWT06-02, MWT12-02, MWT13-02, MWT19-01, and MWTB-01.

- Water level measurements and free product thickness determinations were conducted at existing UST monitoring wells in August 1999. In addition to the free product in wells originally identified, monitoring wells MWT8-01, MWT15-01, and MWT18-01 contained measurable free product; Plate 2 of the memorandum text presents the current free product thickness measured at each of the UST monitoring wells.

- Free product encountered at UST soil borings occurs exclusively as thin accumulations (< 0.5 feet to 1.0 feet) near the foundations of the USTs. In general, these thin accumulations are observed within a 5-foot interval associated with the tank foundation at depths ranging from 20 to 30 feet below ground surface, depending on tank-specific characteristics such as the constructed elevation of the tank within the hillside.

- The hydrocarbon impacted interval corresponding to the tank foundation includes a layer of medium-to coarse-grained construction sand that was apparently commonly placed directly below the floor of the tank. The construction sand layer was observed to be underlain by weathered bedrock or competent bedrock. If encountered, groundwater appears to occur as perched water above competent bedrock. The saturated interval consists of either weathered bedrock or fill material overlying competent bedrock.

- Typically free product intervals are directly overlain by soil that exhibits residual product (product within discrete patches) and relict staining or hydrocarbon odors. In general, evidence of hydrocarbon impact was not encountered in surface UST backfill materials from the ground surface to 15 feet bgs.

- Free product was not encountered in soil borings and monitoring wells completed in prominent drainage areas located downgradient of the USTs.

- UST monitoring wells screened in competent bedrock yield limited quantities of groundwater that are significantly less than monitoring wells screened in overburden materials above competent bedrock.

TABLE A-1
NFD POINT MOLATE
PHASE I CHARACTERIZATION OF USTs AND FUEL PIPELINES
INTERIM SUMMARY MEMORANDUM
UST SOIL BORING SUMMARY

BOREHOLE NO.	OVERALL CHARACTERISTICS	RANKING*	SAMPLES (Depth, in feet bgs)
SBT01-01	Fill to 23.8'; relict staining 19.3' to 25.0'; competent bedrock at 26.9'	2	23.1'-23.6'
SBT01-02	Fill to approximately 19.7'; light odors, no staining	2	26.8'-27.2'
SBT01-03	Fill to 26.9'; stained and odorous weathered bedrock (26.9-27.9')	3	26.9'-27.9'
SBT02-01	Strong odors at 15.4' to 17.5'; refusal at 17.5'	3	16.0'-17.5'
SBT02-02	Coarse-grained sand approximately 30.0'; strong odors	3	30.1'-31.2'
SBT02-03	Fill to 23.1'; residual product from 26.1'-28.2'; strong odors in fract. bedrock	4	25.8'-26.1'
SBT03-01	Relict staining 10.0' - 20.3'; coarse sand-20.2'; product odors 21.0'-21.4'	3	21.0'-21.4'
SBT03-02	Clay tile and concrete fragments at 24.0'; odorous	2	24.3'-24.8'
SBT03-03	Fill to 27.6'; staining observed in weathered bedrock	2	27.6'-28.1'
SBT04-01	Thin residual product accumulation at competent bedrock contact (21.6')	4	21.1' - 21.6'
SBT04-02	weathered sandstone bedrock with minor product odor and staining	3	23.9' - 24.5'; Water Sample WBT04-02
SBT04-03	Fill to 21.9' (colluvium); stained and odorous 24.2'-24.5'	2	19.4' - 20.4 and 24.5'
SBT05-01	Fill to 13.5' (colluvium); relict staining, faint odors 13.5'-15.3'	2	14.4' - 14.8'
SBT05-02	Product and water encountered after drilling; distinct staining at 23.7'	5	23.0'-24.4'; Water Sample WBT05-02
SBT05-03	Fill to 22.5', black stained fractured mudstone, no free product	3	22.7' - 24.8'
SBT06-01	Fill to 21.5' (colluvium); thin residual product accumulation at colluvium contact	4	21.0' - 21.5'; Water Sample WBT06-01
SBT06-02	20.2' to 24' has obvious staining, free product at 24' to 25'	5	24.0' - 24.5'
SBT06-03	Distinct bunker fuel interval at 27' to 27.4', stained 25' to 27'	5	27.0' - 27.4'
SBT07-01	weathered sandstone bedrock with minor product odor	3	23.0' - 23.5'
SBT07-02	Relict staining (14.1'); Fill to approximately 25.3'; trace odors above bedrock	2	26.7' - 27.2': Water Sample WBT07-02
SBT07-03	Fill to 24', strong product odor at 24.0' to 25.0'	3	24.0' - 25.0'
SBT08-01	Strong product odor at 20.4' - 23.1'	3	20.4' - 23.1'; Water Sample WBT08-01
SBT08-01-A	Sampler refusal at 3.3' (concrete debris); relocated to SBT08-01	NA	Not Sampled
SBT08-02	Product odor/staining to 25.3'; some residual bunker/diesel in weathered mudstone	4	24.3' - 25.3'
SBT08-03	Fill to 23.3'; staining from 23.3' to 24.8'; residual product at 24.8' to 25.3'	4	24.8' - 25.3'
SBT09-01	Fill to approximately 22.5'; relict staining, slight odor in weathered bedrock	2	22.0'-23.0'; Water Sample WBT09-01 (24.1)
SBT09-02	Staining starts at 24.4'; residual product; bunker fuel in silt matrix is non-mobile	4	24.8' - 26.0'
SBT09-03	Fill at 24.7' to 28.6' is entrained with residual bunker fuel with numerous patches	4	24.7' - 28.6'
SBT10-01	Fill to 20.4'; Distinct interval at 20.1' to 20.5' has some staining	3	20.1' - 25.0'; Water Sample WBT10-01
SBT10-02	Gray-stained fill at 24.8' to 25.7' with moderate product odor, some residual product	4	24.8' - 25.7'
SBT10-03	Fill to 23.7'; staining 23.3'-25.6'; some residual product 24.9'-25.6'	4	23.7' - 24.3'; Water Sample WBT10-03

TABLE A-1
NFD POINT MOLATE
PHASE I CHARACTERIZATION OF USTs AND FUEL PIPELINES
INTERIM SUMMARY MEMORANDUM
UST SOIL BORING SUMMARY

BOREHOLE NO.	OVERALL CHARACTERISTICS	RANKING*	SAMPLES (Depth, in feet bgs)
SBT11-01	Fill to approximately 20.5'; residual product present from 19.5' - 20.5'	4	19.5'-20.5
SBT11-02	Fill to 24.9'; slight petroleum odors from 24.3' to 25.8'	2	23.1'-24.9; 24.9'-25.8'
SBT11-03	Residual product present in coarse grained sand & weathered bedrock(22.9'-23.9')	4	22.9'-23.9'; Duplicate Sample
SBT12-01	Greenish-gray stained silt at 16.8' to 17.8', slight odors	2	16.8' - 17.8'
SBT12-02	Product evident in coarse cemented sand and underlying weathered bdrk	5	27.5' - 28.1'; Duplicate Sample; WBT12-02
SBT12-03	Residual bunker fuel in coarse sand & weathered bdrk 25.2'-29.7'	4	25.2' - 29.7'; WBT12-03
SBT13-01	Bunker fuel in weathered bedrock starting at 20', continues to 35'	5	20.4'- 21'
SBT13-02	Coarse-grained cemented sand (27.7'), thin free product accumulation layer	5	27.7' - 28.3'
SBT13-03	Distinct product layer/sharp contact in coarse sand at 26.7' - 27.4'	4	26.7'-27.4'
SBT14-01	Fill to 27.2'; relict staining 20.4' - 22.0'	2	20.4' - 20.6'
SBT14-02	Fill to 25.6'; strong odors at 25.0'; residual product 26.9' - 27.9' in weathered bedrock	4	25.0' - 25.4'
SBT14-03	Sampler refusal at 7.5'; relocated borehole to SBT14-03A	NA	Not Sampled
SBT14-03A	Fill to 20.5'; residual product visible 20.5'-23.2' in weathered mudstone	4	21.0' - 21.5' and 22.2' - 23.2'
SBT15-01	Residual product in weathered bedrock material 23.5' - 29.8'	4	22.5' - 23.5' and 25.5' - 26.0'
SBT15-02	Residual product distinct 24.0' - 25.1' (possibly bunker fuel)	4	24.1' - 25.1'
SBT15-03	Fill to 26.1'; coarse sand present 22.7'-22.9', stained and odorous	3	22.7' - 22.9'
SBT16-01	Fill to 20.8'; Stained/odors from 17.8'-20.8'; trace residual product in fill	3	17.1' - 17.8'
SBT16-02	Coarse sand (25.3'); product saturation (25.6'-25.9'); mudstone at 25.9'	4	18.0' - 19.0'; Water Sample WBT16-02
SBT16-03	Fill to 29.0'; some relic staining/odors in fill 22.3'-29.0'	2	22.3' - 22.6'
SBT17-01	Fill to 21.5'; competent sandstone contact; hydrocarbon odors 19.0' - 20.0'	2	20.0' - 20.4'
SBT17-02	Fill to 22.8'; Coarse grained sand at 22.5' with hydrocarbon odor, some staining	3	22.5' - 23.3'
SBT17-03	Strong odors and staining in fill 24.6'-27.5'; weathered bedrock (27.5') - no odors	3	23.6' - 24.1'
SBT18-01	Patches of relict staining 9.6'-21.0'; residual product 21.0'-23.1' ; groundwater present	4	22.0' - 23.0'; Water Sample WBT18-01
SBT18-02	Refusal at 10.0'; relocated to SBT18-02A	NA	Not Sampled
SBT18-02A	Fill to 23.5'; residual product at 23.5'-24.4' in weathered mudstone	4	23.0' - 24.0'
SBT18-03	Fill to 24.2'; no hydrocarbon odors present; no significant groundwater	1	Approx. 23.5' - 24.2'
SBT19-01	Staining & odors 8.5'-9.5'; product saturated at 24.0'-25.0' in weathered bdrk	5	8 ' - 8.5'; 24.0' - 25.0'
SBT19-02	Fill to 20.0'; no staining or odors observed	1	18.0' - 19.0'
SBT19-03	Patches of residual product 5.0'-7.0' & 20.0'; product saturated at 25.0'-26.0'	4	6.0' - 7.0'; 20.0'; 25.0' - 26.0'
SBT20-01	Relict product staining at 13.5'-14.6' & 17.3'-18.1'; Fill to approximately 24.0'	2	13.5'-14.6' & 17.3'-18.1'
SBT20-02	Refusal at 17.2'; no staining or odors observed; poor sample recovery	1	Not Sampled

TAB A-1
NFD POINT MOLATE
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INTERIM SUMMARY MEMORANDUM
UST SOIL BORING SUMMARY

BOREHOLE NO.	OVERALL CHARACTERISTICS	RANKING*	SAMPLES (Depth, in feet bgs)
SBT20-02A	Sampler refusal at 5.5'; relocated borehole to SBT20-02	NA	Not Sampled
SBT20-03	Fill to 25.5'; Coarse sand without product odor 24.9'-25.1'	2	24.9' - 25.1' and 25.3' - 25.5'
SBT21-01	Fill to 21.4' (mudstone); medium-grained sand at 20.5'; no staining or odors	1	20.5'-21.4'; Water Sample WBT 21-01
SBT21-02	Fill to 21.5' (weathered mudstone); no staining or odors observed	1	20.8'-21.4'
SBT21-03	Fill to 23.0'; Medium-grained sand at 22.7'; no staining or odors	1	22.7'-23.0'
SBT22-01	Fill to 23.1' (mudstone); Med. grained sand at 22.8'; no staining or odors	1	22.6'-23.2'
SBT22-02	Fill to 20.2' (sandstone); no staining or odors observed	1	22.6'-22.9'
SBT22-03	Fill to 24.0' (mudstone); Med. grained sand at 23.6'; no staining or odors	1	23.6'-24.0'
SBT23-01	Fill to 24.3'; weak odors, trace of staining	1	22.8'-23.1'
SBT23-02	Fill to 22.4'; coarse sand at 21.8'; competent bedrock at 29.5'; no staining or odors	1	21.8'-22.4'
SBT23-03	Fill to 23.3' (mudstone); no staining or odors observed	1	22.6'-23.0'
SBT24-01	Sampler refusal at 19.4' (metal pipe); relocated to SBT24-01A	NA	Not Sampled
SBT24-01A	Fill to 22.7'; coarse sand at 22.4'; relict staining, slight odors 20.'1-21.2'	2	20.3'-20.7'
SBT24-02	Fill to 24.7'; no staining or odors observed	1	23.0'-23.7'
SBT24-03	Fill to 23.4'; coarse sand at 23.1'; no staining or odors observed	1	23.1'-23.4'
SBTB-01	Strong staining & numerous patches of residual product	4	16.2' - 17.8'; Water Sample WBTB-01
SBTB-02	Free product (bunker fuel) at 12.0' to 12. 6'	5	12.0'-12.6'
SBTB-03	Gray-stained fill without any residual product; good contacts observed	2	19.4' - 20.2'; Water Sample WBTB-03
SBTC-01	Staining evident (16.8'-19.2'); odors in colluvium to 20.8'	3	16.8' - 19.2'
SBTC-02	Wood fragments/prominent staining (11.8'); odors & staining to 19.7'	2	11.6' - 12.5'; Duplicate Sample
SBTC-03	Gray staining but no free/residual product; some odors	3	18.6' - 19.0'

Notes:
SBT01-01 represents: Soil boring "01" at "Tank 01"

*** Ranking Criteria: (based on field screening, represents worst-case conditions for entire soil boring)**
1 - Product staining or odors are not observed during inspection or from PID readings
2 - Relict (aged) product staining is observed
3 - Recent product staining or product odor pbserved
4 - Residual product or product saturation observed through intervals or within discrete patches
5 - Free product observed

TABLE A-2
NFD POINT MOLATE
PHASE I CHARACTERIZATION OF USTs AND FUEL PIPELINES
INTERIM SUMMARY MEMORANDUM
GROUNDWATER CHARACTERISTICS AT USTs AND DRAINAGE AREAS

BORING NUMBER	GROUNDWATER CHARACTERISTICS UST SOIL BORINGS
SBT01-01	Dry
SBT01-02	Trace of saturation in weathered bedrock; no recharge
SBT01-03	Dry
SBT02-01	Approximately 9 feet of water within 3 hours of drilling; converted to MWT02-01
SBT02-02	Approximately 5 feet of water within 3 hours of drilling; converted to MWT02-02
SBT02-03	Approximately 8 feet of water within 3 hours of drilling; converted to MWT02-03
* SBT03-01	Approximately 4.5 feet of water within 20 hours of drilling; converted to MWT03-01
SBT03-02	Approximately 5 feet of water after drilling; converted to MWT03-02
* SBT03-03	1.0 foot saturated interval observed; water level immeasurable after drilling
SBT04-01	Dry
SBT04-02	Groundwater encountered before reaching total drill depth; subsequent drilling disturbed recharge
SBT04-03	Dry
SBT05-01	Dry
SBT05-02	Converted to MWT05-02; < 1 foot of recharge within 22 hours of drilling
SBT05-03	Dry
SBT06-01	Dry during drilling; Approximately 1 foot of recharge within 15 hours of drilling
SBT06-02	Approximately 1 foot of water within 2 hours of drilling; converted to MWT06-02
SBT06-03	Approximately 5 feet of water within 1 hour of drilling; converted to MWT06-03
SBT07-01	Dry
SBT07-02	Approximately 2 feet of water within 15 hours of drilling; converted to MWT07-02
SBT07-03	Dry
SBT08-01	Approximately 3 feet of water within 20 hours of drilling; converted to MWT08-01
SBT08-02	Dry
SBT08-03	Dry
* SBT09-01	Trace of water in soil boring
SBT09-02	Dry
* SBT09-03	Approximately 0.1 foot of water within 15 hours of drilling
* SBT10-01	2.0 feet saturated soil interval; water level immeasurable
SBT10-02	Dry
* SBT10-03	Trace of water in soil boring
SBT11-01	Dry

TABLE A-2
NFD POINT MOLATE
PHASE I CHARACTERIZATION OF USTs AND FUEL PIPELINES
INTERIM SUMMARY MEMORANDUM
GROUNDWATER CHARACTERISTICS AT USTs AND DRAINAGE AREAS

BORING NUMBER	GROUNDWATER CHARACTERISTICS UST SOIL BORINGS
SBT11-02	Thin saturated interval; did not develop measurable water within 15 hours of drilling
SBT11-03	Thin saturated interval; did not develop measurable water within 15 hours of drilling
SBT12-01	Dry
* SBT12-02	Approximately 2.5 feet of water within 70 hours of drilling; converted to MWT12-02
* SBT12-03	Approximately 5 feet of water within 70 hours of drilling; converted to MWT12-03
SBT13-01	Approximately 1.5 feet of water within 70 hours of drilling
SBT13-02	Approximately 5 feet of water upon completion of drilling; converted to MWT13-02
SBT13-03	Drilled to depth similar to SBT13-03; water level immeasurable within 70 hours of drilling
SBT14-01	Dry
SBT14-02	Dry
SBT14-03	Dry
SBT15-01	Approximately 1 foot of water during drilling; converted to MWT15-01
SBT15-02	Converted to MWT15-02; however, well did not yield sufficient water for sampling
SBT15-03	Approximately 1 foot saturated interval observed; water level immeasurable
SBT16-01	Dry
SBT16-02	Approximately 1.5 feet of water within 48 hours of drilling
SBT16-03	Dry
SBT17-01	Dry
SBT17-02	Approximately 1 foot of water during drilling; no additional recharge within 18 hours of drilling
SBT17-03	Dry
SBT18-01	Approximately 1 foot of water during drilling; subsequent recharge suffcient for conversion to MWT18-01
SBT18-02	Dry
SBT18-03	Dry
SBT19-01	Approximately 1 foot of water during drilling; subsequent recharge sufficient for conversion to MWT19-01
SBT19-02	Dry
SBT19-03	Dry
SBT20-01	Approximately 1.5 feet of saturated soil interval; water level immeasurable
SBT20-02	Dry
SBT20-03	Dry
* SBT21-01	Converted to MWT21-01; however, recharge was insufficient during subsequent sampling event
SBT21-02	Dry

TABLE A-2
NFD POINT MOLATE
PHASE I CHARACTERIZATION OF USTs AND FUEL PIPELINES
INTERIM SUMMARY MEMORANDUM
GROUNDWATER CHARACTERISTICS AT USTs AND DRAINAGE AREAS

BORING NUMBER	GROUNDWATER CHARACTERISTICS
	UST SOIL BORINGS
SBT21-03	Dry
SBT22-01	Dry
SBT22-02	Dry
SBT22-03	Dry
SBT23-01	Dry
SBT23-02	Dry
SBT23-03	Dry
SBT24-01	Dry
SBT24-02	Dry
SBT24-03	Dry
* SBTB-01	Approximately 2 feet of water within 18 hours of drilling; converted to MWTB-01
SBTB-02	Approximately 10 feet of water within 3 hours of drilling; converted to MWTB-02
* SBTB-03	Approximately 0.5 feet of water within 18 hours of drilling
SBTC-01	Approximately 4.5 feet of water within 1 hour of drilling; converted to MWTC-01
SBTC-02	Dry
SBTC-03	Dry
	DRAINAGE AREA SOIL BORINGS
SB01-01	Converted to MW01-01; recharge to ground surface following well installation
SB01-02	Sufficient water; converted to MW01-02
SB03-03	Approximately 4.5 feet of water immediately following drilling; converted to MW03-03
SB03-04	Dry
SB04-03	Sufficient water; converted to MW04-03
SB04-04	Sufficient water; converted to MW04-04
SB05-01	Trace of water; water level immeasurable
SB05-02	Dry
SB06-01	Dry
SB07-01	Sufficient water; converted to MW07-01

Notes:
"Water Level Immeasurable" indicates sufficient water was not available to obtain a reading with a water level indicator
* Indicates grab water sample collected from soil boring

TAB A-3
NFD POINT MOLATE
PHASE I CHARACTERIZATION OF USTs AND FUEL PIPELINES
INTERIM SUMMARY MEMORANDUM
PRODUCT THICKNESS MEASUREMENTS FROM UST AND DRAINAGE AREA MONITORING WELLS

MONITORING WELL No.	UST No.	December 1998		March 1999		August 1999	
		MEASURED PRODUCT THICKNESS	OBSERVATIONS	MEASURED PRODUCT THICKNESS	OBSERVATIONS	MEASURED PRODUCT THICKNESS	OBSERVATIONS
MWTB-01	B	0.00'	Strong hydrocarbon odor	**0.05'**	Bunker/diesel mix / odor	**0.28**	Bunker fuel
MWTB-02	B	0.00'	Strong hydrocarbon odor	0.00'	Strong hydrocarbon odor	0.00'	Slight odor, no sheen
MWTC-01	C	0.00'	Strong hydrocarbon odor	0.00'	Strong hydrocarbon odor	0.00'	Strong odor, no sheen
MWT02-01	2	0.00'	Strong hydrocarbon odor	0.00'	No odor	0.00'	Slight odor, no sheen
MWT02-02	2	0.00'	Strong hydrocarbon odor	0.00'	No odor	0.00'	Strong odor, no sheen
MWT02-03	2	0.00'	Strong hydrocarbon odor	0.00'	Strong hydrocarbon odor	0.00'	Slight odor, no sheen
MWT03-01	3	0.00'	Strong hydrocarbon odor	0.00'	Strong hydrocarbon odor	0.00'	No odor
MWT03-02	3	0.00'	Hydrocarbon odor	0.00'	Strong hydrocarbon odor	0.00'	Trace odor
MWT05-02	5	**0.62'**	Strong hydrocarbon odor	**0.49' - 1.09'**	No odor	**0.005**	Jet Petroleum/Diesel
MWT06-02	6	0.00'	Strong hydrocarbon odor	**0.03'**	Strong hydrocarbon odor	**0.36**	Jet Petroleum/Diesel
MWT06-03	6	0.00'	Strong hydrocarbon odor	0.00'	Mild hydrocarbon odor	0.00'	Jet Petroleum Odor
MWT07-02	7	0.00'	Strong hydrocarbon odor	0.00'	Mild hydrocarbon odor	0.00'	Clear, No odor
MWT08-01	8	0.00'	Strong hydrocarbon odor	0.00'	No odor	**0.04**	Jet Petroleum/Diesel
MWT12-02	12	0.00'	Mild hydrocarbon odor	**0.06'**	No odor	**0.22**	Diesel fuel
MWT12-03	12	0.00'	Strong hydrocarbon odor	0.00'	No odor	0.00'	No odor
MWT13-02	13	0.00'	Mild hydrocarbon odor	**0.86'**	No odor	**0.50**	Jet Petroleum/Diesel
MWT15-01	15	0.00'	Strong hydrocarbon odor	0.00'	Strong hydrocarbon odor	**0.57**	Clear, very slight odor
CHT15-01	15	0.00'	Strong hydrocarbon odor	0.00'	No odor	0.00'	Clear, very slight odor
MWT15-02	15	0.00'	Mild hydrocarbon odor	0.00'	No odor	0.00'	Clear, no odor
MWT18-01	18	0.00'	Mild hydrocarbon odor	0.00'	Strong hydrocarbon odor	**0.01**	Diesel fuel
MWT19-01	19	**0.03'**	Hydrocarbon odor	**0.03'**	Strong hydrocarbon odor	**0.01**	Diesel fuel
MWT21-01	21	0.00'	Mild hydrocarbon odor	0.00'	Dry Conditions	0.00'	Dry Conditions
DRAINAGE AREA WELLS							
MW01-01	NA	0.00'	No odor	0.00'	Artesian conditions	0.00'	Not artesian (0.4')
MW01-02	NA	0.00'	No odor	0.00'	No odor	0.00	Clear, no odor
MW03-03	NA	0.00'	Mild hydrocarbon odor	0.00'	No odor	0.00'	No odor
MW04-03	NA	0.00'	No odor	0.00'	Strong hydrocarbon odor	0.00'	Hydrocarbon odor
MW04-04	NA	0.00'	No odor	0.00'	No odor	0.00'	No odor

TABLE A-4
NFD POINT MOLATE
PHASE I CHARACTERIZATION OF USTs AND FUEL PIPELINES
INTERIM SUMMARY MEMORANDUM
GROUNDWATER RECHARGE OF BEDROCK MONITORING WELLS

UST No.	BEDROCK WELL	ASSOCIATED OVERBURDEN GROUNDWATER WELL	SCREENED INTERVAL (feet bgs)	INITIAL CASING VOLUME (GALLONS) MARCH 1999	VOLUME PURGED (GALLONS) MARCH 1999	SUFFICIENT VOLUME FOR SAMPLING AFTER DEVELOPMENT?	CASING VOLUME (GALLONS) AUGUST 1999
11	CHT11-01		30.7 - 42.87	Dry	Dry	No	NA
12	CHT12-03		32.2 - 42.4	2.3	3	No	1.9
		MWT12-02	22.5 - 29.3	0.5	10	Yes	0.06
		MWT12-03	20.2 - 27.2	0.3	10	Yes	0.1
13	CHT13-01		41.6 - 53.8	Dry	Dry	No	Dry
		MWT13-02	23.43 - 33.63	1	18	Yes	0.5
15	CHT15-01		31.5 - 39	0.07	2.5	No	0.5
		MWT15-01	22.0 - 29.5	1.3	14	Yes	0.8
18	CHT18-01		27.6 - 37.8	1	1.5	No	0.1
		MWT18-01	19.5 - 24.5	0.6	15	Yes	0.5
19	CHT19-03		31.2 - 40.0	Dry	Dry	No	Dry
		MWT19-01	20.5 - 28	0.64	6	Yes	0.5

Notes:
bgs Below ground surface
NA Not measured

APPENDIX B

FUEL PIPELINE AND VALVE BOX CHARACTERIZATION

APPENDIX B

1.0 FUEL PIPELINE AND VALVE BOX CHARACTERIZATION

Appendix B provides a description of field activities and a summary of data collected under the fuel pipeline and valve box characterization. The fuel pipeline and valve box characterization includes:

- Investigation of subsurface soil and groundwater adjacent to and beneath fuel pipelines and valve boxes to determine whether free product is present.
- Characterization of current conditions in soil and/or groundwater adjacent to pipelines.

1.1 FUEL PIPELINE AND VALVE BOX LAYOUT

The network of underground storage tanks (USTs), pipelines and valve boxes are shown on Plate B1. The general features (number and dimensions) of the pipelines and valve boxes associated with USTs 1 through 20 differ from those associated with USTs 21 through 24, located on land leased by the Navy from Chevron U.S.A. Inc. (Chevron). The features of these pipeline and valve box networks are described separately.

1.1.1 Point Molate Property

The fuel pipeline network utilized a gravity flow system beginning at the tank valve pit where a valve was manually opened to discharge fuel into the primary fuel pipeline. Primary fuel pipelines across the depot, referred to as the A and B lines, allowed simultaneous receiving and offloading of fuel via the fuel pier and a series of high-capacity pump stations. Incoming fuel was routed through the A lines, while fuel being offloaded or transported from Point Molate was routed through the B lines. The A and B lines are 16 inches in diameter and are installed at uniform depths parallel to each other. Inside the valve boxes, the A and B lines are installed within 1 to 5 feet of each other. At observed excavations between the valve boxes, the parallel configuration and spacing is consistent.

Secondary fuel pipelines consist of the product lines routed from the USTs to the valve boxes. In general, the main fuel product line leading from the 50,000-barrel capacity USTs to the valve boxes consists of a 16-inch diameter carbon (mild) steel pipeline wrapped in asphaltic mesh.

Pipelines routed from the USTs to the valve boxes also consist of the oil recovery system (ORS) lines. During construction of USTs 1 through 20 in 1943, perimeter drains were installed at the base of the tanks to prevent surface-water and groundwater mounding outside the tank walls. Subsequently modifications were made to the drain system by re-routing the perimeter line to drain into the outer valve pit ("skim pit") at each tank. In addition, a 6-inch drain line was installed underground from the tank outer valve pit to the valve box, parallel to the product line. This line was installed to "funnel" fuel leaking from the valves (inside the tank valve pit), as well as groundwater seepage, to the valve box for collection and transport to the wastewater treatment plant via the facilities oil recovery system. It is unknown when these modifications occurred.

The main ORS pipeline is routed parallel to the A and B product lines between valve boxes, and is constructed of 6-inch diameter polyvinyl chloride (PVC) casing. Although the main ORS line is installed parallel to the A and B product lines, it does not enter the valve boxes along with the product lines. The main ORS line bypasses the valve boxes and is connected to the valve boxes by 4-inch or 6-inch lateral drain lines. In some cases, the main ORS line is observed 15 to 20 feet away from specific valve boxes.

Ancillary piping installed between the USTs and the valve boxes consists of steam and condensate lines. These lines were installed as part of the fuel heating system designed to lower the viscosity of bunker fuel for gravity flow from the tanks. The steam and condensate lines are generally composed of 2-inch to 3-inch diameter steel piping and are buried within 2 to 4 feet bgs (above the fuel system lines). The lines are routed from the tanks to concrete vaults located near the valve boxes.

1.1.2 Chevron Property

The fuel pipeline network on Chevron property primarily consists of 8-, 10- or 12-inch diameter fuel pipelines interconnecting the tanks and the valve boxes. There are two product lines between the tanks and each valve box, which were used separately for either draining or filling the tanks. Similar to the system observed on Point Molate property, the fuel product lines are constructed of carbon (mild) steel wrapped in asphaltic mesh.

ORS piping is not present at the Chevron property pipeline network. According to the design plans, a 6-inch tile drain was installed around the perimeters of tanks 21 through 24. Unlike the Point Molate property tanks, the tile drains were not subsequently re-routed into outside valve pits. The tile drains are

expected to "daylight" in the nearby hillside to prevent mounding of surface water or groundwater outside the tank walls.

Ancillary piping (steam and condensate lines) is not present at the Chevron property pipeline network. Essentially, the Chevron property pipeline network consists of one pair of incoming and outgoing fuel product lines at each valve box.

1.2 FUEL PIPELINES AND VALVE BOXES INVESTIGATED

Plate B1 presents the valve boxes and sections of pipeline investigated for the Phase I characterization. As specified in the field work plan (FWP), the Phase I characterization included only the sections of pipeline that are not proposed for pipeline removal under the basewide pipeline removal program. The following subsections address the areas investigated.

1.2.1 Chevron Property

The valve boxes and associated pipeline investigated on Chevron property are shown on Plate B1. The valve boxes investigated consist of VB27, VB28, VB29, VB30, VB31, VB32, VB33, VB34, VB35, VB36, VB37, AND VB38. These valve boxes are associated with USTs 21 through 24.

1.2.2 Point Molate Property

The valve boxes and associated pipelines investigated on NFD Point Molate property are shown on Plate B1. The valve boxes investigated include VB1, VB2, VB4, VB6, VB7, VB8, VB14, VB14D, VB15, VB16, VB17, VB18, VB21, VB22, VB23, and VB24. These valve boxes are associated with USTs 3 through 20. As shown on Plate B1, the pipelines associated with USTs 1 and 2 are proposed for removal; therefore, the valve boxes associated with USTs 1 and 2 were not included in this investigation.

1.3 FUEL PIPELINES AND VALVE BOXES EXCLUDED FROM PHASE I CHARACTERIZATION

In addition to sections of pipeline identified for removal, the following portions of the fuel pipeline system were not investigated.

- Downgradient side of Valve Box 9:

  The vicinity of Valve Box 9 along the shoulder of Range Road could not be investigated due to poor access conditions. The depth of the pipelines leading out of the valve box could not be determined because VB9 is full of water. The area immediately downgradient VB9 is an extremely steep slope (approximately 1-foot drop per 1.5 feet of length) that is densely vegetated with large eucalyptus trees. However, the termination of the section of pipeline between VB9 and VB8 was investigated at the upgradient side of VB8 (trench location TRVB9VB8-01).

- Upgradient side of Valve Box 22 leading to Tank 12:

  The fuel product lines leading from Valve Box 22 toward Tank 12 are buried in excess of the maximum reach (approximately 13 feet) of the backhoe used for Phase I activities. This area is proposed for investigation during Phase II activities using either larger excavation equipment or drilling equipment.

1.4 SITE PREPARATION ACTIVITIES AND ACCESS CONDITIONS

As discussed in the technical approach, the trench locations identified in the FWP targeted incoming and outgoing fuel lines at each valve box. In addition, fuel pipelines were targeted for characterization in areas between the valve boxes at a frequency of one proposed trench for every 250 linear feet of pipeline. Efforts were made to excavate as near as possible to the locations originally identified in the FWP. However, several of the proposed excavation locations were modified in the field to accommodate inadequate access conditions. In general, these modifications involved relocating the excavations to areas upgradient or downgradient of the proposed locations to access the pipelines. The potential for modifications to proposed excavation locations is discussed in the FWP.

In the immediate vicinity of the valve boxes, inadequate access conditions encountered included the presence of above ground features such as electrical poles and guide cables, concrete steam line vaults, steep grades, trees and dense vegetation, fuel pipelines, fencing, and fallen timber. Inadequate underground conditions included underground utilities such as water, electrical, storm sewer, and abandoned steam and condensate lines. TtEMI's field reconnaissance included review of basewide underground utilities maps and consultation with the site facilities maintenance and operations manager to estimate locations of the underground fuel lines.

Limited access conditions were especially prominent at the proposed fuel pipeline excavation locations between valve boxes. Although the incoming and outgoing fuel product lines could be observed in the immediate vicinity of the valve boxes, lines of sight were typically obstructed by dense vegetation

between the valve boxes. Several of these areas contain poison oak, which posed a health and safety concern. Although the locations of the underground fuel pipelines could be determined by a utilities clearance subcontractor, the general vicinity of each proposed excavation required clearing and grubbing prior to the utility survey. This process is discussed in the field sampling and analysis plan (FSAP).

Clearing, grubbing, and earthwork activities were initiated at the outset of the field excavation program and continued throughout the excavation program. These activities were completed with a Caterpillar D-3 dozer. In general, clearing and grubbing activities involved grading and leveling of the ground surface to remove excess vegetation and provide a stable platform for the trenching equipment. In some cases, additional clearing and grubbing outside the limits of proposed excavation locations was required to establish access and exit routes for trenching equipment, or to temporarily set aside trench spoils. As discussed in the FSAP, efforts were made to minimize damage to the surrounding vegetation and landscape.

Following clearing and grubbing activities, surveying of underground utilities was conducted by a utility clearance subcontractor. Specifically utility surveys were used to identify the location of the fuel product lines between valve boxes in order to efficiently access the product lines during excavation activities. In general, the locations of the fuel product lines were identified using the pipeline transmitter and receiver method described in the FWP. In addition to the fuel pipelines targeted for investigation, utility surveys were used to identify high pressure water lines, electrical lines, and telephone lines.

1.5 EXCAVATION (TRENCHING) ACTIVITIES

Excavation (trenching) activities for the fuel pipeline and valve box characterization were conducted from April 6, 1999 through April 22, 1999. Plate B1 shows the locations of the trenches completed during the investigation.

All of the trenches were completed using a rubber-tired John Deere-310D backhoe equipped with a telescopic extending boom with a maximum reach capability of approximately 13-feet. The backhoe was equipped with interchangeable buckets (1-foot and 2-foot widths) to efficiently excavate between parallel sets of pipelines of varying dimensions.

As discussed in the FWP, the primary objective was to expose each of the fuel product and ORS pipelines at each trenching location to characterize subsurface conditions below and adjacent the pipelines. The excavation objectives were achieved by first exposing one primary fuel pipeline (one of

the main 16" diameter fuel product lines or the main product line leading from the UST) and noting the depth and orientation of the exposed line. Based on the observed depth and configuration of the pipelines at the nearest valve box and the known depth and location of the exposed primary line, the location of associated lines (ORS) was determined and the lines were progressively exposed. The pipelines were installed at uniform depths (parallel to each other) at the observed locations.

Trenching activities were conducted methodically and cautiously to avoid damage to the existing pipelines. Frequently, excavation activities were temporarily discontinued so that hand-probing or shoveling could be conducted from the ground surface to identify possible buried pipelines. No pipelines were damaged during excavation activities.

1.5.1 Observed Condition of Pipelines

The fuel system pipelines were exposed for observation at all of the excavation locations shown on Plate B1. At the trench locations, the asphaltic mesh wrapping installed around the product lines was observed intact and in good condition. Evidence of rust or corrosion was not observed, with the exception of trench location TRT20-VB2, where moderate corrosion was observed limited to the piping exterior. ORS piping was also observed to be in good condition.

Imported backfill (pipe bedding) was not encountered at any of the fuel product lines exposed. The fuel product lines are predominantly backfilled with native site materials, comprised of clayey silt or silty clay (colluvium) with interspersed bedrock fragments (fill material). Pipe bedding material was encountered, however, surrounding main ORS pipelines, which are constructed of PVC.

Following exposure of the pipeline, trenches were advanced to depths below the pipeline into weathered bedrock or competent bedrock, in accordance with the FWP. The characteristics of each excavation are summarized in Table B-1.

1.5.2 Field Screening and Descriptive Classification of Soil

Fuel pipeline and valve box trenching activities were directed by TtEMI field geologists. Excavated trench information including the total trench depth, depth to pipeline, configuration and dimension of pipeline and valve boxes, and soil sampling depths were documented on trench log forms. In addition,

the field characterization included observation of the presence or lack of free product, lithologic description, presence of groundwater, and stability of the trench, and observed condition of pipelines.

In accordance with the CSM described in the FWP, the primary objective of the Phase I characterization was to determine whether free product or residual contamination is present in areas of probable accumulation. Although soil and groundwater samples were collected for chemical analysis, the field characterization was also contingent on physical observation. As presented in the FSAP, TtEMI field geologists applied a descriptive classification, or ranking, of subsurface conditions based on physical observation of fuel contamination at each excavation. The classification system was used to establish consistency in visual characterization of the subsurface conditions encountered and to facilitate a summary of the observed conditions. The criteria used for field classification were as follows:

- Criteria 1: Product staining or odors are not observed during inspection or from photoionization detector (PID) readings
- Criteria 2: Relict (aged) product staining observed
- Criteria 3: Recent product staining or product odor observed
- Criteria 4: Residual product or product saturation observed through intervals or within discrete patches
- Criteria 5: Free product observed

As discussed in the technical approach of the FWP and supplemented in the FSAP, the objectives of subsurface soil sampling during trenching activities were to characterize the presence or absence of free product by sampling the most contaminated subsurface intervals encountered. If free product was not encountered, the objectives were to collect soil samples from areas that were obviously hydrocarbon stained or exhibited hydrocarbon odors. If free product or residual hydrocarbon staining was not encountered, soil samples were collected from depths adjacent to or directly below the pipeline.

Soil samples from select trenches were chemically analyzed. If for example, three trenches completed at a specific valve box indicated similar conditions based on field screening, only one soil sample was chemically analyzed.

1.5.3 Analytical Parameters for Soil

Subsurface samples from fuel pipeline and valve box excavations were analyzed for total petroleum hydrocarbons-purgeable (TPH-p), including aromatic volatile components (benzene, toluene, ethylbenzene, and xylene [BTEX]), and methyl-tertiary butyl ether (MTBE) using EPA Method 8020. Analysis also included TPH-extractable (TPH-e) (EPA 8015 modified) and semivolatile organic compounds (SVOCs), specifically, polynuclear aromatic hydrocarbons (PAHs) (EPA 8310). EPA's contract laboratory program (CLP) methods were used for all analyses.

Since USTs 21 through 24 once stored aviation gas (which contained BTEX and lead), soil samples collected in association with the Chevron property fuel system were analyzed for lead and for volatile organic compounds (VOCs). The analytical results of samples collected from UST soil borings are presented on Plate B2. The results presented on Plate B2 represent detectable concentrations. At select locations, soil samples were analyzed for pH, nitrate, biological oxygen demand (BOD), sulfate, and total organic carbon (TOC). This data will be used to evaluate natural biodegradation and to provide data for future evaluation and screening of remedial alternatives.

Plate B2 presents analytical results of soil samples collected from excavations. The results presented represent detectable concentrations of analytes. Appendix D presents the results for all analyses, including non-detectable concentrations.

1.5.4 Analytical Parameters for Groundwater

In accordance with the FSAP, groundwater samples were collected from excavations that yielded groundwater. Samples were analyzed for TPH-p (including BTEX and MTBE, EPA 8020), TPH-e (EPA 8015 modified) and SVOCs (specifically PAHs) (EPA 8310). Groundwater encountered from the area associated with USTs 21 through 24 (which previously stored aviation fuel or leaded gasoline) was analyzed for VOCs (to determine the presence of BTEX) and lead.

Plate B2 (detectable concentrations) and Appendix D (all data) present the analytical results of groundwater samples collected from excavations.

2.0 SUMMARY OF OBSERVED CONDITIONS FROM FUEL PIPELINE AND VALVE BOX CHARACTERIZATION

The characteristics observed at each excavation are summarized in Table B1. General conditions characteristic of the fuel pipeline and valve box excavations are summarized as follows:

- The fuel pipelines are generally installed at shallow depths beneath the ground surface. Specifically, pipelines associated with valve boxes in the hillside areas, such as VB 8 and VB 9, VB 17 and VB 18, and VB 21 through 24 are present at an average depth of 4.8 feet bgs. Pipelines are installed in weathered bedrock, which occurs at shallow depths in the hillside areas. Excavations that were extended beyond the pipeline depths often encountered refusal (competent bedrock). Pipelines associated with the Chevron property fuel system are present at an average depth of 4.2 feet bgs. On Chevron property the sections of pipelines observed are present directly above competent bedrock.

- Groundwater occurrences were minimal in hillside area excavations. Specifically, groundwater was not encountered at pipelines associated with VB 1, VB 2, VB 4, VB 8, upgradient of VB 16, VB 17, VB 18, VB 23, and VB 24. Occasionally water occurring as low flow seepage attributed to precipitation was observed entering hillside area trenches within approximately 4 feet of the ground surface (above the pipelines). Saturated subsurface conditions were typically not encountered in the hillside areas. Groundwater was not encountered in any of the excavations associated with the Chevron property fuel system.

- Groundwater was encountered at pipeline excavations associated with VB 6, VB 7, VB 15, and upgradient of VB 15. These sections of pipelines are located near the axis of prominent drainage areas, where shallow groundwater conditions are prevalent. Static groundwater levels from excavations in these areas were observed to range from 3 to 9 feet bgs in native colluvium, which commonly occurs in thickened sequences in lower topographic relief areas.

- Free and residual product were encountered in pipeline and valve box excavations. Specifically, free product was encountered along pipelines associated with VB7. Residual product was identified in excavations adjacent to VB 6, VB 15, and VB 16, and in areas between VB 15 and VB 16. Progressive excavations along the pipelines both upgradient and downgradient of residual product areas indicate limited extent of residual product along the pipelines.

- Observations of the sections exposed indicate that the pipelines are in good condition. The asphalt mesh wrapping installed on the piping exterior was observed intact and in good condition.

TABLE B-1
NFD POINT MOLATE
PHASE I CHARACTERIZATION OF USTs AND FUEL PIPELINES
INTERIM SUMMARY MEMORANDUM
FUEL PIPELINES AND VALVE BOX SUMMARY

TRENCH ID	TRENCH LOCATION	SOIL SAMPLE DEPTH (feet bgs)	DEPTH TO PIPELINES (feet bgs)	RANKING *	COMMENTS
TRT5VB16	Between Tank 5 and VB16	NA	5.0'	3	No free product; staining extends to 9' bgs in native colluvium
TRT6VB14D	Between Tank 6 and VB15	NA	2.0'	2	No free product from Tank 6; minimal relict staining observed
TRT7VB17	Between Tank 7 and VB17	8.0'	5.0'	1	No staining or odors observed; soil sample collected beneath pipeline elevation
TRT8VB16	Between Tank 8 and VB16	11.0'	6.0' & 10.0'	4	Traces of free product from 10 - 13' bgs in weathered bedrock
TRT9VB21	Between Tank 9 and VB21	NA	2.0'	1	No staining or odors; competent bedrock at 9' bgs
TRT10VB23	Between Tank 10 and VB23	NA	3.5'	1	No staining/odors observed; bedrock at 6.5' bgs
TRT11VB24	Between Tank 11 and VB24	10.0'	6.5 & 8.5'	1	No staining/odors observed; bdrk at 10.5' bgs; also exposed 12" line from VB28
TRT13VB18	Between Tank 13 and VB18	NA	5.0 & 5.5'	1	No staining or odors observed; weathered bedrock at 7.5' bgs
TRT15VB8	Between Tank 15 and VB8	NA	3.5'	1	No staining or odors observed; weathered bedrock at 5.5' bgs; pipeline at 3.5' bgs
TRT16VB4	Between Tank 16 and VB4	6.0 - 7.0'	9.5'	2	No staining or odors from 0 - 10.5' bgs; relict staining beneath pipelines to 11.3'
TRT17VB4	Between Tank 17 and VB4	NA	6.0'	2	No staining, trace odor.
TRT18VB7	Between Tank 18 and VB7	NA	4.5'	4	Patches of free product from 6 - 7.5' bgs; no staining or odors below 9' bgs
TRT19VB6	Between Tank 19 and VB6	NA	5.0'	1	No staining or odors observed; trace sheen on groundwater (7' bgs)
TRT20VB2	Between Tank 20 and VB2	5.0'	3.0'	2	Minor staining observed; no staining/odors below 6.0' bgs
TRT21VB28	Between Tank 21 and VB28	NA	7.0'	1	No staining or odors observed; bedrock at 7' bgs
TRT21VB36	Between Tank 21 and VB36	5.0'	4.0'	1	No staining or odors observed; bedrock (refusal) at 5.5' bgs
TRT22VB29	Between Tank 22 and VB29	NA	4.0'	1	No staining or odors observed; bedrock (refusal) at 5' bgs; pipeline at 4' bgs
TRT22VB35	Between Tank 22 and VB35	6.0'	5.5'	1	No staining or odors observed; bedrock at 6.0' bgs
TRT23VB30	Between Tank 23 and VB30	8.5 - 9.0'	5.0'	1	No staining/odors observed; bedrock at 6.8' bgs
TRT23VB33	Between Tank 23 and VB33	10.5 - 11.0	3.5'	1	No staining/odors observed; bedrock at 6.5' bgs
TRT24VB31	Between Tank 24 and VB31	8.0 - 9.0'	6.5'	1	No staining/odors observed; bedrock (refusal) at 10' bgs
TRT24VB32	Between Tank 24 and VB32	7.5 - 8.5'	4.2'	1	No staining/odors observed; bedrock at 6' bgs
TRVB4VB3-01	First trench downgradient of VB4	7.5 - 8.0'	6.0'	4	Traces of free product in bedrock from 7.5 - 9.5' bgs
TRVB4VB3-02	Third trench downgradient of VB4	NA	4.0'	1	No staining or odors observed; Weathered bedrock at 7.0' bgs
TRVB4VB3-03	Fourth trench downgradient of VB4	NA	3.0'	1	No staining or odors observed; minor water seepage; bedrock at 7' bgs
TRVB4VB3-04	Fifth trench downgradient of VB4	3 - 3.5'	3.5'	2	Minor possible staining; soil sample collected from pipeline depth (3.5' bgs)
TRVB4VB3-05	Second trench downgradient of VB4	NA	3.0'	1	No staining or odors observed; seepage present from ORS; bedrock at 4.5' bgs

TABLE B-1
NFD POINT MOLATE
PHASE I CHARACTERIZATION OF USTs AND FUEL PIPELINES
INTERIM SUMMARY MEMORANDUM
FUEL PIPELINES AND VALVE BOX SUMMARY

TRENCH ID	TRENCH LOCATION	SOIL SAMPLE DEPTH (feet bgs)	DEPTH TO PIPELINES (feet bgs)	RANKING *	COMMENTS
TRVB7VB6-01	First trench downgradient of VB7	8.5 - 9.0'	7.0'	5	Strong odors and staining (3-10' bgs) w/ free product; gw sample collected
TRVB7VB6-02	Second trench downgradient of VB7	10.0'	6.5'	3	No staining or odors (0 - 8' bgs); staining/odors present (8 - 12'); water at 9.0'
TRVB7VB6-03	First trench upgrad. of VB6	9.5 - 10.0'	7.0'	4	No staining/odors (0 - 7.5'); patches of free prod. (7.5 - 10.5'); water sample collected
TRVB8VB7-01	First trench downgradient of VB8	6.5 - 7.0'	6.0'	2	No staining; trace odors
TRVB8VB7-02	Second trench downgradient of VB8	NA	GRADE	1	Trenched max. depth of 9.5' bgs in bedrock; no staining or odors observed
TRVB8VB7-04	Second trench upgrad. of VB7	NA	3.0'	1	No staining or odors observed; bedrock (refusal) at 6.5' bgs
TRVB8VB7-03	First trench upgrad. of VB7	7 - 7.5'	5.5'	4	Patches of free product below pipeline; no staining or odors below 8' bgs
TRVB9VB8-01	Trench upgrad. VB8	6.5'	5.0'	1	No staining/odors observed; conglomerate bedrock at 11' bgs
TRVB10VB1-01	Trench upgrad. of VB1	7.0'	6.0'	1	No staining or odors observed; bedrock at 5' bgs
TRVB15VB14-01	First trench downgradient of VB15	NA	9.0'	4	Vertical extent of free product observed at base of excavation at 12.5' bgs
TRVB15VB14-02	Second trench downgradient VB15	6.0 - 7.0'	6.0'	3	Staining/odors present from 3.5 - 8.0'; underlying weathered bedrock not stained
TRVB16VB15-01	First trench downgradient of VB16	NA	7.0'	2	No free product, negligible groundwater compared to TRVB16VB15-02
TRVB16VB15-02	Second trench ugrad. of VB15	8.0 - 9.0'	7.0'	4	High yield shallow gw near old steam box; gw sample collected; some product
TRVB16VB15-03	First trench upgrad. of VB 15	11 - 11.5'	9.0'	4	Potentially greater product concentration than observed downgradient of VB 15
TRVB17VB16-01	First trench downgradient of VB17	NA	8.0'	1	No staining or odors observed; bedrock not encountered at maximum reach
TRVB17VB16-02	Second trench upgrad. of VB 16	5.5'	4.5'	2	Isolated staining and weak odor; no evidence of hydrocarbons beneath 5.5' bgs
TRVB17VB16-03	First trench upgrad. of VB16	12.5 - 13.0'	10.0'	2	Staining from 7.5 - 12.0' bgs; bedrock at 11.0 bgs; no staining below 12.5' bgs
TRVB18VB17-01	First trench downgradient of VB18	7'	5.5'	1	No staining or odors observed; soil sample collected beneath piping
TRVB18VB17-02	Second trench upgrad. VB17	NA	3.0'	1	No staining or odors observed; soil sample collected beneath main product lines
TRVB18VB17-03	First trench upgrad. of VB17	NA	4.0'	1	No staining or odors observed; weathered bedrock from 7.5 - 12' bgs
TRVB21VB20-01	downgradient of VB21	8 - 8.5'	6.5'	1	No staining or odors observed; bedrock at 9.5' bgs
TRVB22VB21-01	Second trench upgrad. of VB21	5 .0 - 6.0'	4.2'	1	No staining or odors observed; excavator refusal (hard bedrock) at 6.2' bgs
TRVB22VB21-02	First trench upgrad. of VB21	NA	8.0'	1	No staining or odors; bedrock at 9' bgs
TRVB24VB23-01	Trench upgrad. of VB23	7.0 - 7.5'	6.0'	1	No staining/odors observed; bedrock at 7.5' bgs
TRVB27VB38-01	Second trench downgradient of VB27	4.5'	3.0'	1	No staining/odors observed; bedrock (refusal) at 7.0' bgs
TRVB27VB38-02	First trench downgradient of VB27	NA	1.5'	1	No staining/odors observed; bedrock (refusal) at 6.5' bgs
TRVB28VB24-01	Between VB28 and VB24	3.5'	2.5'	1	No staining or odors observed; bedrock at 2' bgs

TABLE B-1
NFD POINT MOLATE
PHASE I CHARACTERIZATION OF USTs AND FUEL PIPELINES
INTERIM SUMMARY MEMORANDUM
FUEL PIPELINES AND VALVE BOX SUMMARY

TRENCH ID	TRENCH LOCATION	SOIL SAMPLE DEPTH (feet bgs)	DEPTH TO PIPELINES (feet bgs)	RANKING *	COMMENTS
TRVB28VB29-01	Between VB28 and VB29	8.5'	8.0'	1	No staining or odors observed; bedrock at 3' bgs
TRVB29VB37-01	Between VB29 AND VB37	3.0'	1.5'	1	No staining/odors; competent bedrock (refusal) at 5.5' bgs
TRVB33VB34-01	Between VB33 and VB34	7.0'	5.0'	1	No staining/odors observed; bedrock at 6' bgs
TRVB35VB34-01	Between VB35 AND VB34	NA	4.0'	1	No staining/odors observed; bedrock at 7' bgs
TRVB36VB35-01	Between VB36 and VB35	NA	4.5'	1	No staining or odors observed; bedrock at 5.5' bgs
TRVB37VB38-01	Between VB37 and VB38	5.5 - 6.0'	4.0'	1	No staining/odors observed; bedrock (refusal) at 7.0' bgs
TRVB38VB26-01	First trench downgradient of VB38	4.5 - 5.0'	3.0'	1	No staining/odors observed; bedrock (refusal) at 5.5' bgs
TRVB38VB26-02	Second trench downgradient of VB38	3.0'	1.0'	1	No staining/odors observed; bedrock at 11' bgs

Notes:

bgs — Below ground surface
ORS — Oil recovery system pipeline
VB — Valve box

Ranking Criteria: (based on field screening, represents worst-case conditions at each trench)

1 - Product staining or odors are not observed during inspection or from PID readings
2 - Relict (aged) product staining is observed
3 - Recent product staining or product odor pbserved
4 - Residual product or product saturation observed through intervals or within discrete patches
5 - Free product observed

APPENDIX C
SURFACE SOIL AND SEEP CHARACTERIZATION

APPENDIX C

1.0 SURFACE SOIL AND SEEP CHARACTERIZATION

Appendix D provides a description of field activities and a summary of data collected under the surface soil and seep characterizations. The surface soil and seep characterization includes:

- Sampling of surface (0 to 2 feet below ground surface [bgs]) soil at locations where known (or reported) fuel leaks or spills have occurred to assess whether free product or fuel related-contamination is present.
- Sampling at identified locations where water discharges (seeps) at the ground surface to assess potential fuel related contamination at potential exposure points.

1.1 SURFACE SOIL SAMPLING

Surface soil sampling locations are presented on Plate C1. Surface soil sampling activities were conducted in April 1999. In accordance with the field sampling and analysis plan (FSAP), the samples were collected from the ground surface (0 feet) to 2 feet bgs. The soil collected represents a composite blend of material from the 0- to 2-feet interval.

The soil sampling procedure involved excavation of shallow trenches to 2 feet in depth. The trenches were either excavated by hand using picks and shovels, or with a small backhoe. The excavation spoils were set aside so that collection of the samples could be obtained from undisturbed material along the sidewalls of the small-scale trenches. The trench sidewall materials were collected using decontaminated stainless steel hand tools.

A total of 28 surface soil samples were collected. Although a total of 29 soil samples were collected and analyzed, sample TR02-05 (2-4') was collected from the 2 to 4 feet bgs interval and is not considered a surface soil sample. The characteristics of sample location TR02-05 and rationale for sampling is discussed in Section 1.2.

1.1.1 Summary of Observed Conditions at Surface Soil Sampling Locations

Observed conditions associated with surface soil sampling are summarized as follows:

- Free product was not encountered at any of the surface soil locations sampled.

- Residual hydrocarbon staining or hydrocarbon odors were encountered at the following surface soil locations:

  - **TR02-03**
  Hydrocarbon staining and trace odors were identified from approximately 0.3 to 2.0 feet bgs. A blind duplicate sample was collected from this location and artificially labeled "TR08-02". No hydrocarbon staining or odors were observed below 2.0 feet bgs.

  - **TR02-09**
  Prominent hydrocarbon staining and odors were identified in the 0.0 to 2.0 feet sample interval.

  - **TR02-08**
  Prominent hydrocarbon staining and trace odors were identified in the 0.0 to 0.5 feet interval. Less prominent (traces) of hydrocarbon staining and odors were identified from the 0.5 feet to 2.0 feet interval. In accordance with the FSAP, a composite sample was collected from the 0.0 to 2.0 feet interval.

  - **TR02-04**
  Hydrocarbon staining and odors were identified in the 0.0 to 2.0 feet sample interval. Following collection of the surface soil sample, subsurface (below 2.0 feet bgs) conditions exhibited fuel product globules in shallow water encountered at 4.0 feet bgs.

  - **TR02-07**
  Hydrocarbon staining and odors were identified in the 0.0 to 2.0 feet sample interval, as well as the 2.0 to 4.0 feet interval.

  - **TR02-05**
  No hydrocarbon staining or odors were identified in the 0.0 to 2.0 feet interval. However, fuel product globules were observed in shallow groundwater entering the trench below 2.0 feet bgs. As indicated in Section 1.1, soil sample TR02-5 (2 - 4') was collected from the 2 to 4 feet bgs interval to characterize worst case conditions at this location. Surface soil sampling, as described in the FSAP (0 to 2.0 feet bgs), was not conducted at this location.

  - **TR02-06**
  Apparent hydrocarbon staining and faint odors were identified in the 0.0 to 2.0 feet sample interval.

  - **TR10-01**
  Potential hydrocarbon staining with no apparent odors was identified from the 1.0 to 1.5 feet interval. In accordance with the FSAP, a composite sample was collected from the 0.0 to 2.0 feet interval.

1.1.2 Analytical Parameters for Surface Soil

Surface soil samples were analyzed for total petroleum hydrocarbons-purgeable (TPH-p), including aromatic volatile components (benzene, toluene, ethylbenzene, and xylene [BTEX]), and methyl-tertiary butyl ether (MTBE) using EPA Method 8020. Analysis also included TPH-extractable (TPH-e) (EPA 8015 modified) and semivolatile organic compounds (SVOCs), specifically, polynuclear aromatic hydrocarbons (PAHs) (EPA 8310).

Since underground storage tanks (USTs) 21 through 24 once stored aviation gas (which contained BTEX and lead), soil samples TR07-01, TR07-02, TR07-03, and TR07-04 were analyzed for lead.

Plate C2 presents the analytical results of surface soil. The results presented on Plate C2 represent detectable concentrations. Appendix D presents the results of all analyses, including non-detectable concentrations.

1.2 SEEP SAMPLING

Seep sampling locations are presented on Plate C1. Several seep locations had been previously identified at NFD Point Molate. In general, seeps are less than 5 square feet in area, and do not discharge water year-round. Seep sampling activities were conducted during heavy rainfall events in February 1999. During this period, a total of nine seep locations were sampled, including the locations where seeps were previously known to occur.

All of the seep locations identified in January and February 1999, were examined during surface soil sampling activities conducted in April 1999. Dry conditions were observed at three of the seep locations (SW01-02, SW04-01, and SW02-06) in April 1999.

1.2.1 Summary of Observed Conditions at Seep Sampling Locations

Observed conditions associated with seep sampling are summarized as follows:

- Fuel-related hydrocarbon sheens and traces of petroleum odors were detected in seep samples SW02-03 and SW02-04, located downgradient of Tank 19 and adjacent to Valve Box 7, respectively.
- No physical evidence of fuel-related contamination was observed at seep locations SW01-02, SW02-05, SW02-06, SW03-04, SW04-01, SW05-01, and SW10-01.

1.2.2 Analytical Parameters for Seep Samples

Seep samples were analyzed for TPH-p, including aromatic volatile components (BTEX and MTBE) using EPA method 8020. Analysis included TPH-e (EPA 8015 modified) and SVOCs, specifically PAHs (EPA 8310). The analytical results of seep samples collected are presented on Plate C2 (detectable concentrations) and Appendix D (all analyses).

APPENDIX D
ANALYTICAL RESULTS

TA[illegible] D-1
NFD POINT MOLATE
PHASE I CHARACTERIZATIONOF USTs AND FUEL PIPELINES
INTERIM SUMMARY MEMORANDUM
SOIL AND GROUNDWATER ANALYTICAL RESULTS FOR USTs 1 THROUGH 20, B, C

TANK NUMBER	TANK 01			TANK 02			TANK 03				
SDG NUMBER	801-986825			801-986825		801-987030	801-986847				
BOREHOLE NUMBER	SBT01-01	SBT01-02	SBT01-03	SBT02-01	SBT02-03	SBT02-02	WBT03-01	WBT03-03	SBT03-01	SBT03-02	SBT03-03
SAMPLE DEPTH	25.0-27.4	26.8-27.2	26.9-27.9	16.0-17.5	25.8-26.1	30.1-31.2	21.5	29.5	21.0-21.4	24.3-24.8	25.1-27.6
TPH Purgeable											
Gasoline Range Organics (mg/kg	13Z	7Z	95Z	10Z	16Z	ND	1.4Z	2.3Z	49Z	29Z	141Z
Benzene (µg/kg)	NR	NR	NR	NR	NR	NR	1J	5.2	NR	NR	NR
Ethylbenzene (µg/kg)	NR	NR	NR	NR	NR	NR	5	3	NR	NR	NR
Toluene (µg/kg)	NR	NR	NR	NR	NR	NR	2J	0.7J	NR	NR	NR
Xylenes (Total) (µg/kg)	NR	NR	NR	NR	NR	NR	11	6	NR	NR	NR
TPH Extractable (mg/kg)											
JP-4/JP-5	ND	620	ND	ND	ND	9,500	15.4Y	12Y	5,300Y	2,620Y	5,320Y
Diesel Range Organics	8,900	ND	8,960	4,600Y	2,800Y	ND	ND	ND	ND	ND	ND
F-76 (Marine Diesel)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Motor Oil Range Organics	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bunker Fuel	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PAHs (ug/kg)											
Acenaphthene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acenaphthylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Anthracene	1,000	ND	ND	370	240	80	ND	ND	ND	ND	ND
Benzo (A) Anthracene	3,500	13	2,200	70	1,530	990	ND	ND	21	14	3
Benzo (A) Pyrene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo (B) Fluoranthene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo (G,H,I) Perylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo (K) Fluoranthene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chrysene	5,400	ND	3,100	120	310	ND	ND	ND	ND	29	ND
Dibenz (A,H) Anthracene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Fluoranthene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Fluorene	1,600	ND	1,300	1,230	470	630	ND	0.8J	119	59	31
Indeno (1,2,3-CD) Pyrene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Naphthalene	ND	ND	ND	ND	ND	ND	ND	ND	ND	160	ND
Phenanthrene	6,400	4	5,300	3,450	1,740	1,490	1J	ND	60	108	63
Pyrene	ND	ND	ND	1,270	ND	610	ND	ND	ND	ND	ND
1-Methylnaphthalene	13,000J	ND	7,600	3,700	2,300	6,900	40	11	1,230	1,250	560
2-Methylnaphthalene	ND	ND	6,700	4,800	ND	7,000	33	7	1,140	400	770

TABLE D-1
NFD POINT MOLATE
PHASE I CHARACTERIZATIONOF USTs AND FUEL PIPELINES
INTERIM SUMMARY MEMORANDUM
SOIL AND GROUNDWATER ANALYTICAL RESULTS FOR USTs 1 THROUGH 20, B, C

TANK NUMBER	TANK 04								TANK 05			
SDG NUMBER	801-986640				801-986640	801-987015		801-986640	801-987015	801-986640		801-986681
BOREHOLE NUMBER	SBT04-01	SBT04-02	SBT04-02	SBT04-03	SBT04-03	SBT04-04	SBT04-04	WBT04-02	SBT05-01	SBT05-02	SBT05-03	WBT05-02
SAMPLE DEPTH	21.1-21.6	23.9-24.5	30.0-30.6	19.4-20.4	24.5	7.5-8.0	9.0-11.0	23.8	14.4-14.8	23.0-24.4	23.8-24.8	24.2
TPH Purgeable												
Gasoline Range Organics (mg/kg)	10,000Z	3,000Z	8,200Z	2.2Z	1,200Z	14Z	ND	8.57Z	1,800Z	2,000Z	1,900Z	1.9Z
Benzene (µg/kg)	ND	NA	ND	ND	ND	ND	ND	ND	ND	NA	ND	4
Ethylbenzene (µg/kg)	ND	NA	ND	ND	ND	ND	ND	14	ND	NA	ND	9.2
Toluene (µg/kg)	ND	NA	ND	ND	ND	ND	ND	ND	ND	NA	ND	1J
Xylenes (Total) (µg/kg)	ND	NA	ND	ND	ND	ND	ND	8	ND	NA	ND	14
TPH Extractable (mg/kg)												
JP-4/JP-5	9,200	7,200	8,900	ND	470	ND	ND	89	2,820Y	ND	1,200	ND
Diesel Range Organics	ND	ND	ND	ND	ND	6,000Y	ND	ND	ND	11,000	ND	10,200
F-76 (Marine Diesel)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Motor Oil Range Organics	ND	ND	ND	ND	ND	2,400Y	30Z	ND	ND	ND	ND	ND
Bunker Fuel	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PAHs (ug/kg)												
Acenaphthene	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	NA
Acenaphthylene	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	NA
Anthracene	ND	10	37	NA	ND	580J	ND	0.2J	10J	ND	3	NA
Benzo (A) Anthracene	61	62	75	NA	ND	4,100	ND	1.5	24	44	30	NA
Benzo (A) Pyrene	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	NA
Benzo (B) Fluoranthene	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	NA
Benzo (G,H,I) Perylene	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	NA
Benzo (K) Fluoranthene	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	NA
Chrysene	20	ND	ND	NA	ND	890J	ND	ND	ND	ND	2J	NA
Dibenz (A,H) Anthracene	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	NA
Fluoranthene	ND	ND	ND	NA	ND	ND	ND	ND	ND	20	ND	NA
Fluorene	457	469	574	NA	ND	ND	ND	8.4	39	ND	ND	NA
Indeno (1,2,3-CD) Pyrene	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	NA
Naphthalene	ND	200J	ND	NA	ND	ND	ND	ND	ND	ND	ND	NA
Phenanthrene	260	474	593	NA	ND	4,400	ND	5.7	150	10	27	NA
Pyrene	30	28	38	NA	ND	ND	ND	0.6	50	10	18	NA
1-Methylnaphthalene	3,300	8,180	6,010	NA	ND	ND	ND	60	890	ND	710	NA
2-Methylnaphthalene	4,300	12,500	9,960	NA	ND	ND	ND	79	1,100	ND	410	NA

TAL... D-1
NFD POINT MOLATE
PHASE I CHARACTERIZATIONOF USTs AND FUEL PIPELINES
INTERIM SUMMARY MEMORANDUM
SOIL AND GROUNDWATER ANALYTICAL RESULTS FOR USTs 1 THROUGH 20, B, C

TANK NUMBER	TANK 06				TANK 07			
SDG NUMBER	801-986681				801-986640			801-986681
BOREHOLE NUMBER	SBT06-01	SBT06-02	SBT06-03	WBT06-01	SBT07-01	SBT07-02	SBT07-03	WBT07-02
SAMPLE DEPTH	21.0-21.5	24.0-24.5	27.0-27.4	20.5	23.0-23.5	26.7-27.2	24.0-25.0	27.0
TPH Purgeable								
Gasoline Range Organics (mg/kg)	12Z	1,200Z	1,400Z	0.13Z	12Z	ND	4,700Z	ND
Benzene (µg/kg)	ND	ND	ND	NA	ND	ND	ND	ND
Ethylbenzene (µg/kg)	ND	ND	ND	NA	ND	ND	ND	ND
Toluene (µg/kg)	ND	ND	ND	NA	ND	ND	ND	ND
Xylenes (Total) (µg/kg)	ND	ND	ND	NA	ND	ND	ND	6
TPH Extractable (mg/kg)								
JP-4/JP-5	ND	ND	ND	ND	ND	ND	ND	ND
Diesel Range Organics	6,300	11,000	14,000	14.6	1,700	85	17,000	1.2
F-76 (Marine Diesel)	ND	ND	ND	ND	ND	ND	ND	ND
Motor Oil Range Organics	ND	ND	2,100	ND	ND	ND	ND	ND
Bunker Fuel	ND	ND	ND	ND	ND	ND	ND	ND
PAHs (ug/kg)								
Acenaphthene	ND	ND	ND	NA	ND	ND	ND	ND
Acenaphthylene	ND	ND	ND	NA	ND	ND	ND	ND
Anthracene	770	2,700	4,600	NA	ND	ND	5,500	ND
Benzo (A) Anthracene	3,590	14,600	28,100	NA	680	16	31,100	0.1J
Benzo (A) Pyrene	ND	ND	1,100	NA	ND	ND	ND	ND
Benzo (B) Fluoranthene	ND	ND	880	NA	ND	ND	ND	ND
Benzo (G,H,I) Perylene	ND	ND	970	NA	ND	ND	ND	ND
Benzo (K) Fluoranthene	ND	ND	ND	NA	ND	ND	ND	ND
Chrysene	440	1,300	1,300	NA	235	ND	3,100	ND
Dibenz (A,H) Anthracene	ND	ND	2,400	NA	ND	ND	ND	ND
Fluoranthene	4,760	15,100	17,500	NA	ND	ND	27,500	ND
Fluorene	1,700	5,610	6,700	NA	365	ND	11,000	0.6J
Indeno (1,2,3-CD) Pyrene	ND	ND	ND	NA	ND	ND	ND	ND
Naphthalene	ND	2,600J	3,800J	NA	ND	ND	ND	ND
Phenanthrene	3,090	17,900	21,600	NA	57	4	38,600	0.08J
Pyrene	1,500	7,220	10,000	NA	283	6.8	12,000	0.2J
1-Methylnaphthalene	7,000	42,000	67,000	NA	150J	ND	71,000	4.9
2-Methylnaphthalene	4,400	36,000	29,000	NA	190J	ND	58,000	ND

TABLE D-1
NFD POINT MOLATE
PHASE I CHARACTERIZATIONOF USTs AND FUEL PIPELINES
INTERIM SUMMARY MEMORANDUM
SOIL AND GROUNDWATER ANALYTICAL RESULTS FOR USTs 1 THROUGH 20, B, C

TANK NUMBER	TANK 08						
SDG NUMBER	801-986681					801-986640	801-986681
BOREHOLE NUMBER	SBT08-01	SBT08-01	SBT08-01	SBT08-01	SBT08-03	SBT08-02	WBT08-01
SAMPLE DEPTH	17.5-18.4	18.4-19.4	19.4-20.4	20.4-23.1	24.8-25.3	24.3-25.3	21.0
TPH Purgeable							
Gasoline Range Organics (mg/kg)	1.9Z	ND	19Z	260Z	15Z	0.9Z	1.3Z
Benzene (µg/kg)	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene (µg/kg)	ND	ND	ND	ND	ND	ND	ND
Toluene (µg/kg)	ND	ND	ND	ND	ND	ND	ND
Xylenes (Total) (µg/kg)	ND	ND	ND	ND	ND	ND	7
TPH Extractable (mg/kg)							
JP-4/JP-5	ND	ND	ND	ND	ND	ND	ND
Diesel Range Organics	596	378	5,600	11,000	4,700	1,100Y	190
F-76 (Marine Diesel)	ND	ND	ND	ND	ND	ND	ND
Motor Oil Range Organics	130Y	87	ND	ND	ND	ND	ND
Bunker Fuel	ND	ND	ND	ND	ND	ND	ND
PAHs (ug/kg)							
Acenaphthene	ND	ND	ND	ND	ND	ND	ND
Acenaphthylene	ND	ND	ND	ND	ND	ND	ND
Anthracene	ND	ND	500	2,720	1,600	260	34
Benzo (A) Anthracene	220	49	2,300	13,700	9,120	1,660	179
Benzo (A) Pyrene	ND	ND	ND	ND	ND	50	ND
Benzo (B) Fluoranthene	ND	ND	ND	ND	ND	48	ND
Benzo (G,H,I) Perylene	ND	ND	ND	ND	ND	ND	ND
Benzo (K) Fluoranthene	ND	ND	ND	ND	ND	ND	ND
Chrysene	40	11J	250	1,200	890	140	14
Dibenz (A,H) Anthracene	ND	ND	ND	ND	ND	240	ND
Fluoranthene	290	69	2,960	16,900	10,500	ND	195
Fluorene	ND	ND	1,000	4,980	2,600	ND	68
Indeno (1,2,3-CD) Pyrene	ND	ND	ND	ND	ND	ND	ND
Naphthalene	ND	ND	ND	1,500J	1,100J	ND	51J
Phenanthrene	73	8J	2,200	13,800	7,680	1,020	210
Pyrene	94	30	880	6,370	3,740	539	84
1-Methylnaphthalene	ND	ND	5,000	31,000	16,000	1,500	557
2-Methylnaphthalene	ND	ND	4,800	21,000	9,800	310J	330

TAB D-1
NFD POINT MOLATE
PHASE I CHARACTERIZATIONOF USTs AND FUEL PIPELINES
INTERIM SUMMARY MEMORANDUM
SOIL AND GROUNDWATER ANALYTICAL RESULTS FOR USTs 1 THROUGH 20, B, C

TANK NUMBER	TANK 09						TANK 10					
SDG NUMBER	801-986825					801-986825	801-986735		801-986825			801-986735
BOREHOLE NUMBER	SBT09-01	SBT09-02	SBT09-03	WBT09-01	WBT09-01	WBT09-03	SBT10-02	SBT10-03	WBT10-01	WBT10-01	SBT10-01	WBT10-01
SAMPLE DEPTH	22.0-23.0	24.8-26.0	24.7-28.6	24.1	26.0	32.5	24.8-25.7	23.7-24.3	20.0	26.0	20.1-25.0	22.5
TPH Purgeable												
Gasoline Range Organics (mg/kg)	17Z	5JY	13Y	1.8Z	2.05Z	1.06Z	16Z	19Z	1.76Z	1.70Z	ND	1.20Y
Benzene (µg/kg)	NR	NR	NR	ND	0.5J	0.3J	ND	ND	1.6	0.5J	NR	1.1
Ethylbenzene (µg/kg)	NR	NR	NR	ND	1.1	1.0	ND	ND	3	ND	NR	2.1
Toluene (µg/kg)	NR	NR	NR	ND	0.6	0.3J	ND	ND	0.3J	0.6	NR	ND
Xylenes (Total) (µg/kg)	NR	NR	NR	6	1J	0.8J	ND	ND	3.3	9.0	NR	2.1
TPH Extractable (mg/kg)												
JP-4/JP-5	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND
Diesel Range Organics	11,000	17,000	10,000	26	49	NA	11,000	14,300	11.5	10.1	3,000	5.42
F-76 (Marine Diesel)	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND
Motor Oil Range Organics	ND	5,100	ND	ND	ND	NA	2,700	ND	ND	ND	ND	ND
Bunker Fuel	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND
PAHs (ug/kg)												
Acenaphthene	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND
Acenaphthylene	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND
Anthracene	1,000	ND	1,300	ND	ND	NA	1,400	2,530	ND	ND	310	1
Benzo (A) Anthracene	7,360	17,200	8,620	120	61	NA	9,430	18,300	26	0.4J	1,740	3.3
Benzo (A) Pyrene	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND
Benzo (B) Fluoranthene	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND
Benzo (G,H,I) Perylene	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND
Benzo (K) Fluoranthene	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND
Chrysene	2,000	5,700	200	ND	4J	NA	500	1,600	2	ND	230	ND
Dibenz (A,H) Anthracene	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND
Fluoranthene	310	ND	ND	130	61	NA	6,000	15,000	26	ND	ND	4.7
Fluorene	2,000	4,100	3,300	ND	ND	NA	2,700	4,080	10	ND	520	5
Indeno (1,2,3-CD) Pyrene	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND
Naphthalene	ND	ND	ND	ND	ND	NA	ND	1,900J	290	ND	1,300J	200
Phenanthrene	9,480	10,500	10,100	100	50	NA	7,000	10,400	34	ND	2,590	9
Pyrene	ND	800	ND	140	70	NA	3,800	8,780	37	0.2J	ND	2
1-Methylnaphthalene	17,000	19,000	18,000	550	670	NA	ND	29,000	314	ND	3,800	180
2-Methylnaphthalene	8,000	17,000	15,000	400	280	NA	ND	17,000	275	ND	2,700	73

TABLE D-1
NFD POINT MOLATE
PHASE I CHARACTERIZATIONOF USTs AND FUEL PIPELINES
INTERIM SUMMARY MEMORANDUM
SOIL AND GROUNDWATER ANALYTICAL RESULTS FOR USTs 1 THROUGH 20, B, C

TANK NUMBER	TANK 11					TANK 12					
SDG NUMBER	801-986825		801-986825			801-986681	801-986735				
BOREHOLE NUMBER	SBT11-01	SBT11-02	SBT11-02	SBT11-03	SBT11-03	SBT12-01	SBT12-02	SBT12-02	SBT12-03	WBT12-02	WBT12-03
SAMPLE DEPTH	19.5-20.5	23.1-24.9	24.9-25.8	22.9-23.9	24.1-25.1	16.8-17.8	27.5-28.1	35.0-35.6	25.2-29.7	28.5	27.5
TPH Purgeable											
Gasoline Range Organics (mg/kg)	46Z	6Z	ND	147Z	100Z	ND	82Z	43Z	31	2.71Z	1.15Z
Benzene (µg/kg)	NR	NR	NR	NR	NR	ND	ND	ND	ND	ND	ND
Ethylbenzene (µg/kg)	NR	NR	NR	NR	NR	ND	ND	ND	ND	1.6	0.6
Toluene (µg/kg)	NR	NR	NR	NR	NR	ND	ND	ND	ND	ND	ND
Xylenes (Total) (µg/kg)	NR	NR	NR	NR	NR	ND	330	410	110J	1	ND
TPH Extractable (mg/kg)											
JP-4/JP-5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Diesel Range Organics	7,100	3,000Y	77Y	12,100Y	12,400Y	1,900	28,000	26,000	9,100	432	54
F-76 (Marine Diesel)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Motor Oil Range Organics	ND	ND	ND	ND	ND	ND	ND	ND	ND	17	10
Bunker Fuel	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PAHs (ug/kg)											
Acenaphthene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acenaphthylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Anthracene	1,200	110	ND	1,330	1,700	200	5,760	5,330	1,100	67	8J
Benzo (A) Anthracene	6,020	190	22	4,580	5,690	1,100	29,900	27,200	7,260	360	63
Benzo (A) Pyrene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo (B) Fluoranthene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo (G,H,I) Perylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo (K) Fluoranthene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chrysene	900	324	ND	5,820	7,350	76J	1,900	1,700	640	30	ND
Dibenz (A,H) Anthracene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Fluoranthene	ND	ND	ND	ND	ND	910	29,500	27,300	6,270	340	38
Fluorene	2,570	130	5	ND	2,690	400	10,400	10,300	1,800	100	ND
Indeno (1,2,3-CD) Pyrene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Naphthalene	ND	ND	ND	ND	ND	ND	5,100J	4,000J	1,600J	ND	ND
Phenanthrene	9,300	500	17	10,200	15,900	710	38,400	35,900	5,540	400	40J
Pyrene	ND	ND	ND	ND	ND	530	12,700	11,400	3,170	170	20
1-Methylnaphthalene	9,000	590	ND	13,000	19,000	ND	83,000	72,000	14,000	850	100
2-Methylnaphthalene	6,700	220J	ND	12,000	16,000	ND	60,000	64,000	12,000	770	52J

TAL D-1
NFD POINT MOLATE
PHASE I CHARACTERIZATIONOF USTs AND FUEL PIPELINES
INTERIM SUMMARY MEMORANDUM
SOIL AND GROUNDWATER ANALYTICAL RESULTS FOR USTs 1 THROUGH 20, B, C

TANK NUMBER	TANK 13			TANK 14					TANK 15			
SDG NUMBER	801-986681			801-986446					801-986446		801-986446	
BOREHOLE NUMBER	SBT13-01	SBT13-02	SBT13-03	SBT14-01	SBT14-01	SBT14-02	SBT14-03	SBT14-03	SBT15-01	SBT15-01	SBT15-02	SBT15-03
SAMPLE DEPTH	20.4-21.0	27.7-28.3	26.7-27.4	20.4-20.6	21.0-22.0	25.0-25.4	21.0-21.5	22.2-23.5	22.5-23.5	25.5-26.0	24.1-25.1	22.7-22.9
TPH Purgeable												
Gasoline Range Organics (mg/kg)	990Z	1,300Z	1,100Z	4,500Z	ND	18Z	10Z	8,000Z	6,500Z	7,600Z	7,000Z	710Z
Benzene (µg/kg)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene (µg/kg)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene (µg/kg)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Xylenes (Total) (µg/kg)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
TPH Extractable (mg/kg)												
JP-4/JP-5	ND	ND	ND	2,600	ND	1,500Y	2,300	12,000Y	3,000	7,300	7,200Y	700
Diesel Range Organics	39,000	29,500	18,000	ND	ND	ND	ND	ND	ND	ND	ND	ND
F-76 (Marine Diesel)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Motor Oil Range Organics	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	85J
Bunker Fuel	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PAHs (ug/kg)												
Acenaphthene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acenaphthylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Anthracene	11,300	6,450	2,800	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo (A) Anthracene	64,000	34,000	13,500	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo (A) Pyrene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo (B) Fluoranthene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo (G,H,I) Perylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo (K) Fluoranthene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chrysene	4,400	2,600	990	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibenz (A,H) Anthracene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Fluoranthene	68,900	36,900	14,300	ND	ND	ND	ND	ND	ND	ND	ND	ND
Fluorene	15,800	10,700	5,670	ND	ND	51J	ND	2,200J	ND	ND	2,100J	ND
Indeno (1,2,3-CD) Pyrene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Naphthalene	30,000	11,000	3,800J	ND	ND	ND	ND	ND	ND	ND	ND	ND
Phenanthrene	64,500	42,100	17,400	ND	ND	38J	ND	2,700J	ND	ND	4,200J	ND
Pyrene	28,500	13,900	6,220	ND	ND	ND	ND	ND	ND	ND	ND	ND
1-Methylnaphthalene	196,000	95,000	41,000	5,400	3,350	2,700	ND	25,000	5,500	13,000	20,000	3,700
2-Methylnaphthalene	77,000	56,000	27,000	7,100	ND	1,300	1,800J	110,000	8,900	38,000	30,000	2,000

TABLE D-1
NFD POINT MOLATE
PHASE I CHARACTERIZATIONOF USTs AND FUEL PIPELINES
INTERIM SUMMARY MEMORANDUM
SOIL AND GROUNDWATER ANALYTICAL RESULTS FOR USTs 1 THROUGH 20, B, C

TANK NUMBER	TANK 16						TANK 17			TANK 18			
SDG NUMBER	801-986410		801-986410			801-986446	801-986410			801-986479	801-986446	801-986479	
BOREHOLE NUMBER	SBT16-01	SBT16-02	SBT16-02	SBT16-03	SBT16-03	WBT16-02	SBT17-01	SBT17-02	SBT17-03	SBT18-01	SBT18-02	SBT18-02	WBT18-01
SAMPLE DEPTH	17.1-17.8	18.0-19.0	25.0-26.0	22.3-22.6	19.0-28.5	27.5	20.0-20.4	22.5-23.3	23.6-24.1	22.0-23.0	23.0-24.0	23.5-2.42	23.0
TPH Purgeable													
Gasoline Range Organics (mg/kg)	5,800Z	1.4Z	2,300Z	4Z	5,000Z	0.98Z	13Z	6,400Z	6,200Z	64Z	15Z	ND	7.4Z
Benzene (µg/kg)	ND	ND	110	ND	ND	ND	ND	ND	ND	1J	ND	ND	ND
Ethylbenzene (µg/kg)	ND	ND	ND	ND	1,020	0.4J	ND	1,280	ND	ND	ND	ND	30
Toluene (µg/kg)	ND	ND	ND	ND	240	1	6.9	ND	ND	6J	ND	0.5J	8J
Xylenes (Total) (µg/kg)	4,900	ND	1,590	ND	2,580	2	ND	2,140	1,820	67J	ND	ND	70
TPH Extractable (mg/kg)						(mg/L)							
JP-4/JP-5	7,100	ND	2,900Y	ND	6,500Y	ND	ND	7,100Y	7,500Y	11,000	ND	ND	190
Diesel Range Organics	ND	380Y	ND	2,230Y	ND	14	4,300	ND	ND	ND	870	70Y	ND
F-76 (Marine Diesel)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Motor Oil Range Organics	ND	170Y	ND	470Y	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bunker Fuel	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PAHs (ug/kg)						(µg/L)							
Acenaphthene	ND	130J	ND	1	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acenaphthylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Anthracene	ND	ND	ND	1,300J	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo (A) Anthracene	ND	ND	ND	330J	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo (A) Pyrene	ND	32J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo (B) Fluoranthene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo (G,H,I) Perylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo (K) Fluoranthene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chrysene	ND	ND	ND	500J	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibenz (A,H) Anthracene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Fluoranthene	ND	ND	ND	310J	ND	ND	ND	ND	ND	ND	ND	ND	ND
Fluorene	ND	ND	ND	1,400J	460J	ND	2,400J	2,500J	ND	420J	510	ND	ND
Indeno (1,2,3-CD) Pyrene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Naphthalene	ND	140J	ND	ND	ND	ND	ND	ND	ND	600J	ND	ND	ND
Phenanthrene	ND	110J	1,100J	4,600	570J	ND	4,400J	4,400J	ND	ND	770	ND	17J
Pyrene	ND	240J	ND	1,200J	180J	ND	ND	ND	ND	ND	50J	ND	ND
1-Methylnaphthalene	ND	2,200	ND	15,000	4,300	20	15,000	16,000	ND	ND	2,700	ND	241
2-Methylnaphthalene	4,900J	270J	1,700J	7,200	5,800	4J	23,000	29,000	ND	12,000	92J	ND	430

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NFD POINT MOLATE
PHASE I CHARACTERIZATIONOF USTs AND FUEL PIPELINES
INTERIM SUMMARY MEMORANDUM
SOIL AND GROUNDWATER ANALYTICAL RESULTS FOR USTs 1 THROUGH 20, B, C

TANK NUMBER	TANK 19						TANK 20			
SDG NUMBER	801-986524		801-986479	801-986524			801-986640		801-986524	
BOREHOLE NUMBER	SBT19-01	SBT19-01	SBT19-02	SBT19-03	SBT19-03	SBT19-03	SBT20-01	SBT20-01	SBT20-03	SBT20-03
SAMPLE DEPTH	8.0-8.5	24.0-25.0	18.0-19.0	6.0-7.0	20.0	25.0-26.0	13.5-14.6	17.3-18.1	24.9-25.1	25.3-25.5
TPH Purgeable										
Gasoline Range Organics (mg/kg)	94Z	199Z	ND	44Z	166Z	145Z	13Z	ND	ND	ND
Benzene (µg/kg)	1.0	1.7	ND	ND	1.2	6.9	ND	ND	ND	ND
Ethylbenzene (µg/kg)	92	34.6	ND	ND	203.1	28.3	ND	ND	ND	ND
Toluene (µg/kg)	0.5	6.2	ND	ND	2.9	7.4	ND	ND	0.86	ND
Xylenes (Total) (µg/kg)	72	638.5	ND	50.4	1,667	98.3	ND	ND	ND	ND
TPH Extractable (mg/kg)										
JP-4/JP-5	2,000	7,100	ND	1,800	11,000	ND	ND	ND	ND	ND
Diesel Range Organics	ND	ND	ND	ND	ND	11,000Y	21Y	ND	550Y	48Y
F-76 (Marine Diesel)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Motor Oil Range Organics	ND	ND	ND	ND	ND	ND	25	75Y	ND	ND
Bunker Fuel	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PAHs (ug/kg)										
Acenaphthene	ND	ND	ND	ND	NA	ND	NA	ND	ND	ND
Acenaphthylene	ND	ND	ND	ND	NA	ND	NA	ND	ND	ND
Anthracene	ND	ND	ND	ND	NA	ND	NA	ND	ND	ND
Benzo (A) Anthracene	ND	ND	ND	ND	NA	ND	NA	ND	ND	ND
Benzo (A) Pyrene	ND	ND	ND	ND	NA	ND	NA	ND	ND	ND
Benzo (B) Fluoranthene	ND	ND	ND	ND	NA	ND	NA	ND	ND	ND
Benzo (G,H,I) Perylene	ND	ND	ND	ND	NA	ND	NA	ND	ND	ND
Benzo (K) Fluoranthene	ND	ND	ND	ND	NA	ND	NA	ND	ND	ND
Chrysene	ND	ND	ND	ND	NA	ND	NA	ND	ND	ND
Dibenz (A,H) Anthracene	ND	ND	ND	ND	NA	ND	NA	ND	ND	ND
Fluoranthene	ND	ND	ND	ND	NA	ND	NA	ND	ND	ND
Fluorene	ND	ND	ND	ND	NA	ND	NA	ND	ND	ND
Indeno (1,2,3-CD) Pyrene	ND	ND	ND	ND	NA	ND	NA	ND	ND	ND
Naphthalene	3,300	ND	ND	1,100J	NA	ND	NA	ND	ND	ND
Phenanthrene	ND	ND	ND	ND	NA	9,300J	NA	7J	ND	ND
Pyrene	ND	ND	ND	ND	NA	ND	NA	ND	ND	ND
1-Methylnaphthalene	12,500	13,000	19,100	6,100	NA	13,000	NA	ND	ND	ND
2-Methylnaphthalene	10,000	27,000J	ND	3,800	NA	48,000	NA	ND	ND	ND

TABLE D-1
NFD POINT MOLATE
PHASE I CHARACTERIZATIONOF USTs AND FUEL PIPELINES
INTERIM SUMMARY MEMORANDUM
SOIL AND GROUNDWATER ANALYTICAL RESULTS FOR USTs 1 THROUGH 20, B, C

TANK NUMBER	TANK B							TANK C		
SDG NUMBER	801-987015		801-986955			801-986955	801-987077	801-986955		
BOREHOLE NUMBER	WBTB-01	WBTB-03	SBTB-01	SBTB-01	SBTB-02	SBTB-03	MWTB-01	SBTC-01	SBTC-02	SBTC-03
SAMPLE DEPTH	27.0	19.8	16.2-17.8	21.2-22.8	12.0-12.6	19.4-20.2	29.0	16.8-19.2	11.6-12.5	18.6-19.0
TPH Purgeable										
Gasoline Range Organics (mg/kg)	1.17Z	ND	15Z	16Z	13Z	ND	1.59Z	28Z	19Z	35Z
Benzene (µg/kg)	0.3J	NR	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene (µg/kg)	1.7	NR	70	50	ND	ND	1.3	ND	ND	ND
Toluene (µg/kg)	ND	NR	ND	ND	ND	ND	135	ND	ND	ND
Xylenes (Total) (µg/kg)	2.5	NR	150	110	ND	ND	2.1	ND	ND	180
TPH Extractable (mg/kg)										
JP-4/JP-5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Diesel Range Organics	14.4Y	1.1Y	9,500Y	8,100Y	8,500Y	160Y	5.93Y	6,600Y	34,000Y	110Y
F-76 (Marine Diesel)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Motor Oil Range Organics	4.1Y	0.49Y	4,300	3,800	5,900	66J	ND	3,000	20,000Y	51
Bunker Fuel	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PAHs (ug/kg)										
Acenaphthene	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND
Acenaphthylene	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND
Anthracene	ND	NA	ND	ND	ND	20	ND	2,000	300	ND
Benzo (A) Anthracene	1J	NA	3,400	3,100	5,900	230	ND	9,100	2,500	2,700
Benzo (A) Pyrene	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND
Benzo (B) Fluoranthene	ND	NA	ND	740J	ND	ND	ND	ND	ND	ND
Benzo (G,H,I) Perylene	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND
Benzo (K) Fluoranthene	ND	NA	ND	ND	1,100J	ND	ND	ND	ND	ND
Chrysene	ND	NA	900J	800J	2,000	52	ND	1,200J	630	ND
Dibenz (A,H) Anthracene	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND
Fluoranthene	ND	NA	2,000	1,000	2,000	120	ND	4,900	1,100	2,500
Fluorene	ND	NA	1,000	1,000	ND	10	ND	2,800	300	1,100J
Indeno (1,2,3-CD) Pyrene	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND
Naphthalene	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND
Phenanthrene	5J	NA	2,000	2,000	630J	100	ND	6,000	1,200	2,000
Pyrene	3	NA	3,600	3,000	4,800	288	ND	12,000	3,000	3,200
1-Methylnaphthalene	40	NA	ND	ND	ND	820	26	39,000	6,400	ND
2-Methylnaphthalene	39	NA	ND	ND	ND	370	ND	38,000	8,200	ND

TABLE I (continued)
NFD POINT MOLATE
PHASE I CHARACTERIZATION OF USTs AND FUEL PIPELINES
INTERIM SUMMARY MEMORANDUM
SOIL AND GROUNDWATER ANALYTICAL RESULTS FOR TANKS 21 - 24

TANK NUMBER	TANK 21				TANK 22			TANK 23			TANK 24		
SDG NUMBER	801-986847				801-986847			801-986847			801-986847		
BOREHOLE NUMBER	SBT21-01	SBT21-02	SBT21-03	WTB21-01	SBT22-01	SBT22-02	SBT22-03	SBT23-01	SBT23-02	SBT23-03	SBT24-01	SBT24-02	SBT24-03
SAMPLE DEPTH	20.5-21.4	20.8-21.4	22.7-23	23.5	21.6-23.2	22.6-22.9	23.6-24	22.8-23.1	21.8-22.4	22.6-23	20.3-20.7	23-23.7	23.1-23.4
TPH Purgeable (mg/kg)				(ug/L)									
Gasoline Range Organics	ND	ND	ND	0.54Y	ND	ND	ND	16Z	ND	ND	ND	ND	ND
TPH Extractable (mg/kg)				(ug/L)									
JP-5	ND	ND	43Y	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Diesel Range Organics	ND	ND	ND	ND	8JZ	ND	ND	ND	ND	ND	83Y	6JY	ND
Motor Oil Range Organics	590	249Y	ND	ND	52Y	130Y	120	2450Y	369Y	ND	140	ND	ND
VOCs (ug/kg)				(ug/L)									
Benzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA
Toluene	ND	ND	ND	0.4J	ND	ND	ND	ND	ND	ND	ND	ND	NA
Ethylbenzene	ND	ND	ND	0.5J	ND	ND	ND	ND	ND	ND	ND	ND	NA
Xylene	ND	ND	ND	0.4J	ND	ND	ND	ND	ND	ND	ND	ND	NA
Trichloroethene	ND	ND	ND	0.7J	ND	ND	ND	ND	ND	ND	ND	ND	NA
Metals (mg/kg)				(ug/L)									
Lead	14	73.8	6.7	148	31.3	103	6.5	22.5	51.7	17.9	25.3	17.8	NA
PAHs (ug/kg)				(ug/L)									
Acenaphthene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acenaphthylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Anthracene	30	8.8	4	ND	130	1300	ND	28000	26	ND	5J	ND	ND
Benzo (A) Anthracene	110	31	5.1	ND	250	2000	2J	26000	59	ND	11J	ND	ND
Benzo (A) Pyrene	ND	31	7.6	ND	280	1100	ND	ND	7J	ND	20	ND	ND
Benzo (B) Fluoranthene	ND	28	6	ND	240	980	ND	6100	48	ND	6J	ND	ND
Benzo (G,H,I) Perylene	ND	18	2	ND	65	750	ND	12000	ND	ND	ND	ND	ND
Benzo (K) Fluoranthene	ND	13	3	ND	120	490	ND	21000	26	ND	10J	ND	ND
Chrysene	ND	36	6.3	ND	469	2100	4.4	23000	85	ND	7J	ND	ND
Dibenz (A,H) Anthracene	ND	13	3J	ND	76	ND	ND	ND	ND	ND	ND	ND	ND
Fluoranthene	ND	128	12	ND	1010	6660	ND	104000	221	ND	ND	ND	ND
Fluorene	47	ND	1J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Indeno (1,2,3-CD) Pyrene	ND	11	4	ND	86	ND	ND	ND	20	ND	ND	ND	ND
Naphthalene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Phenanthrene	190	0.7J	15	ND	667	5790	4	131000	130	3	20	ND	7J
Pyrene	ND	147	30	ND	1520	10200	ND	160000	354	ND	20	ND	ND
1-Methylnaphthalene	410J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Methylnaphthalene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Notes:

Sample designations beginning with WB (e.g. WBT03-01) correspond to water samples collected from soil borings (December 1998).

Sample designations beginning with MW (e.g. MWT03-01) correspond to water samples collected from monitoring wells (December 1998).

SBT04-02 (30.0-30.6) is a blind duplicate of sample SBT04-02 (23.9-24.5)

SBT11-03 (24.1-25.1) is a blind duplicate of sample SBT11-03 (22.9-23.9)

SBT12-02 (35.0-35.6) is a blind duplicate of sample SBT12-02 (27.5-28.1)

SBTB-01 (21.1-22.8) is a blind duplicate of sample SBTB-01 (16.2-17.8)

J = The analyte was positively identified; the associated numerical value is the approximate concentration of analyte in the sample

Y = The fuel pattern does not match the fuel standard

Z = The chromatograph response did not resemble a typical fuel pattern

NA Not analyzed

ND Not detected

TABLE D-2
NFD POINT MOLATE
PHASE I CHARACTERIZATION OF USTs AND FUEL PIPELINES
INTERIM SUMMARY MEMORANDUM
SOIL AND GROUNDWATER ANALYTICAL RESULTS FROM EXCAVATIONS AT FUEL PIPELINES AND VALVE BOXES

SAMPLE ID	SAMPLE MEDIA	ANALYTE GROUP	ANALYTE	CONCENTRATION	QUALIFIER	UNITS
TRVB17VB16-03(12.5-13.0)	SOIL	AROMV	BENZENE	6.1	U	UG/KG
TRVB17VB16-03(12.5-13.0)	SOIL	AROMV	ETHYLBENZENE	6.1	U	UG/KG
TRVB17VB16-03(12.5-13.0)	SOIL	AROMV	TOLUENE	6.1	U	UG/KG
TRVB17VB16-03(12.5-13.0)	SOIL	AROMV	XYLENE (TOTAL)	12	U	UG/KG
TRVB17VB16-03(12.5-13.0)	SOIL	AROMV	METHYL-T-BUTYL ETHER	30	U	UG/KG
TRVB17VB16-03(12.5-13.0)	SOIL	PAH	BENZO(K)FLUORANTHENE	120	U	UG/KG
TRVB17VB16-03(12.5-13.0)	SOIL	PAH	CHRYSENE	200		UG/KG
TRVB17VB16-03(12.5-13.0)	SOIL	PAH	DIBENZO(A,H)ANTHRACENE	300	U	UG/KG
TRVB17VB16-03(12.5-13.0)	SOIL	PAH	FLUORANTHENE	350		UG/KG
TRVB17VB16-03(12.5-13.0)	SOIL	PAH	FLUORENE	61	J	UG/KG
TRVB17VB16-03(12.5-13.0)	SOIL	PAH	INDENO(1,2,3-CD)PYRENE	120	U	UG/KG
TRVB17VB16-03(12.5-13.0)	SOIL	PAH	2-METHYLNAPHTHALENE	3000	U	UG/KG
TRVB17VB16-03(12.5-13.0)	SOIL	PAH	NAPHTHALENE	3000	U	UG/KG
TRVB17VB16-03(12.5-13.0)	SOIL	PAH	PHENANTHRENE	530		UG/KG
TRVB17VB16-03(12.5-13.0)	SOIL	PAH	PYRENE	200		UG/KG
TRVB17VB16-03(12.5-13.0)	SOIL	PAH	1-METHYLNAPHTHALENE	3000	U	UG/KG
TRVB17VB16-03(12.5-13.0)	SOIL	PAH	ACENAPHTHENE	3000	U	UG/KG
TRVB17VB16-03(12.5-13.0)	SOIL	PAH	ACENAPHTHYLENE	1200	U	UG/KG
TRVB17VB16-03(12.5-13.0)	SOIL	PAH	ANTHRACENE	62	J	UG/KG
TRVB17VB16-03(12.5-13.0)	SOIL	PAH	BENZO(A)ANTHRACENE	400		UG/KG
TRVB17VB16-03(12.5-13.0)	SOIL	PAH	BENZO(A)PYRENE	120	U	UG/KG
TRVB17VB16-03(12.5-13.0)	SOIL	PAH	BENZO(B)FLUORANTHENE	120	U	UG/KG
TRVB17VB16-03(12.5-13.0)	SOIL	PAH	BENZO(G,H,I)PERYLENE	120	U	UG/KG
TRVB17VB16-03(12.5-13.0)	SOIL	PCTMST	PERCENT MOISTURE	17.4		%MST
TRVB17VB16-03(12.5-13.0)	SOIL	TPHEXT	JP5 RANGE ORGANICS	61	U	MG/KG
TRVB17VB16-03(12.5-13.0)	SOIL	TPHEXT	DIESEL RANGE ORGANICS	1560		MG/KG
TRVB17VB16-03(12.5-13.0)	SOIL	TPHEXT	MOTOR OIL RANGE ORGANICS	420		MG/KG
TRVB17VB16-03(12.5-13.0)	SOIL	TPHEXT	TPH - BUNKER FUEL (C10-C28)	61	U	MG/KG
TRVB17VB16-03(12.5-13.0)	SOIL	TPHEXT	TPH - DIESEL F-76 (C8-C28)	61	U	MG/KG
TRVB17VB16-03(12.5-13.0)	SOIL	TPHPRG	GASOLINE RANGE ORGANICS	2	Z	MG/KG
TRT7VB17(8.0)	SOIL	AROMV	BENZENE	5.7	U	UG/KG
TRT7VB17(8.0)	SOIL	AROMV	ETHYLBENZENE	5.7	U	UG/KG
TRT7VB17(8.0)	SOIL	AROMV	TOLUENE	5.7	U	UG/KG
TRT7VB17(8.0)	SOIL	AROMV	XYLENE (TOTAL)	11	U	UG/KG
TRT7VB17(8.0)	SOIL	AROMV	METHYL-T-BUTYL ETHER	28	U	UG/KG

TABLE D-2 (CONTINUED)
NFD POINT MOLATE
PHASE I CHARACTERIZATION OF USTs AND FUEL PIPELINES
INTERIM SUMMARY MEMORANDUM
SOIL AND GROUNDWATER ANALYTICAL RESULTS FROM EXCAVATIONS AT FUEL PIPELINES AND VALVE BOXES

SAMPLE ID	SAMPLE MEDIA	ANALYTE GROUP	ANALYTE	CONCENTRATION	QUALIFIER	UNITS
TRT7VB17(8.0)	SOIL	PAH	FLUORANTHENE	2.3	U	UG/KG
TRT7VB17(8.0)	SOIL	PAH	FLUORENE	2.3	U	UG/KG
TRT7VB17(8.0)	SOIL	PAH	INDENO(1,2,3-CD)PYRENE	2.3	U	UG/KG
TRT7VB17(8.0)	SOIL	PAH	2-METHYLNAPHTHALENE	57	U	UG/KG
TRT7VB17(8.0)	SOIL	PAH	NAPHTHALENE	57	U	UG/KG
TRT7VB17(8.0)	SOIL	PAH	PHENANTHRENE	1	J	UG/KG
TRT7VB17(8.0)	SOIL	PAH	PYRENE	2.3	U	UG/KG
TRT7VB17(8.0)	SOIL	PAH	1-METHYLNAPHTHALENE	57	U	UG/KG
TRT7VB17(8.0)	SOIL	PAH	DIBENZO(A,H)ANTHRACENE	5.7	U	UG/KG
TRT7VB17(8.0)	SOIL	PAH	ACENAPHTHENE	57	U	UG/KG
TRT7VB17(8.0)	SOIL	PAH	ACENAPHTHYLENE	23	U	UG/KG
TRT7VB17(8.0)	SOIL	PAH	ANTHRACENE	2.3	U	UG/KG
TRT7VB17(8.0)	SOIL	PAH	BENZO(A)ANTHRACENE	2	J	UG/KG
TRT7VB17(8.0)	SOIL	PAH	BENZO(A)PYRENE	2.3	U	UG/KG
TRT7VB17(8.0)	SOIL	PAH	BENZO(B)FLUORANTHENE	1	J	UG/KG
TRT7VB17(8.0)	SOIL	PAH	BENZO(G,H,I)PERYLENE	2.3	U	UG/KG
TRT7VB17(8.0)	SOIL	PAH	BENZO(K)FLUORANTHENE	2.3	U	UG/KG
TRT7VB17(8.0)	SOIL	PAH	CHRYSENE	2.3	U	UG/KG
TRT7VB17(8.0)	SOIL	PCTMST	PERCENT MOISTURE	12.2		%MST
TRT7VB17(8.0)	SOIL	TPHEXT	JP5 RANGE ORGANICS	11	U	MG/KG
TRT7VB17(8.0)	SOIL	TPHEXT	DIESEL RANGE ORGANICS	11	U	MG/KG
TRT7VB17(8.0)	SOIL	TPHEXT	MOTOR OIL RANGE ORGANICS	14	Y	MG/KG
TRT7VB17(8.0)	SOIL	TPHEXT	TPH - BUNKER FUEL (C10-C28)	11	U	MG/KG
TRT7VB17(8.0)	SOIL	TPHEXT	TPH - DIESEL F-76 (C8-C28)	11	U	MG/KG
TRT7VB17(8.0)	SOIL	TPHPRG	GASOLINE RANGE ORGANICS	1.1	U	MG/KG
TRVB17VB16-02(5.5)	SOIL	AROMV	BENZENE	6.2	U	UG/KG
TRVB17VB16-02(5.5)	SOIL	AROMV	ETHYLBENZENE	6.2	U	UG/KG
TRVB17VB16-02(5.5)	SOIL	AROMV	TOLUENE	6.2	U	UG/KG
TRVB17VB16-02(5.5)	SOIL	AROMV	XYLENE (TOTAL)	12	U	UG/KG
TRVB17VB16-02(5.5)	SOIL	AROMV	METHYL-T-BUTYL ETHER	31	U	UG/KG
TRVB17VB16-02(5.5)	SOIL	PAH	ACENAPHTHENE	3100	U	UG/KG
TRVB17VB16-02(5.5)	SOIL	PAH	ACENAPHTHYLENE	1200	U	UG/KG
TRVB17VB16-02(5.5)	SOIL	PAH	ANTHRACENE	120	U	UG/KG
TRVB17VB16-02(5.5)	SOIL	PAH	BENZO(A)ANTHRACENE	120	U	UG/KG
TRVB17VB16-02(5.5)	SOIL	PAH	BENZO(A)PYRENE	120	U	UG/KG

TABLE D-2 (CONTINUED)
NFD POINT MOLATE
PHASE I CHARACTERIZATION OF USTs AND FUEL PIPELINES
INTERIM SUMMARY MEMORANDUM
SOIL AND GROUNDWATER ANALYTICAL RESULTS FROM EXCAVATIONS AT FUEL PIPELINES AND VALVE BOXES

SAMPLE ID	SAMPLE MEDIA	ANALYTE GROUP	ANALYTE	CONCENTRATION	QUALIFIER	UNITS
TRVB17VB16-02(5.5)	SOIL	PAH	BENZO(B)FLUORANTHENE	120	U	UG/KG
TRVB17VB16-02(5.5)	SOIL	PAH	BENZO(G,H,I)PERYLENE	120	U	UG/KG
TRVB17VB16-02(5.5)	SOIL	PAH	BENZO(K)FLUORANTHENE	120	U	UG/KG
TRVB17VB16-02(5.5)	SOIL	PAH	CHRYSENE	120	U	UG/KG
TRVB17VB16-02(5.5)	SOIL	PAH	DIBENZO(A,H)ANTHRACENE	310	U	UG/KG
TRVB17VB16-02(5.5)	SOIL	PAH	FLUORANTHENE	120	U	UG/KG
TRVB17VB16-02(5.5)	SOIL	PAH	FLUORENE	120	U	UG/KG
TRVB17VB16-02(5.5)	SOIL	PAH	INDENO(1,2,3-CD)PYRENE	120	U	UG/KG
TRVB17VB16-02(5.5)	SOIL	PAH	2-METHYLNAPHTHALENE	3100	U	UG/KG
TRVB17VB16-02(5.5)	SOIL	PAH	NAPHTHALENE	3100	U	UG/KG
TRVB17VB16-02(5.5)	SOIL	PAH	PHENANTHRENE	120	U	UG/KG
TRVB17VB16-02(5.5)	SOIL	PAH	PYRENE	120	U	UG/KG
TRVB17VB16-02(5.5)	SOIL	PAH	1-METHYLNAPHTHALENE	3100	U	UG/KG
TRVB17VB16-02(5.5)	SOIL	PCTMST	PERCENT MOISTURE	19.9		%MST
TRVB17VB16-02(5.5)	SOIL	TPHEXT	JP5 RANGE ORGANICS	120	U	MG/KG
TRVB17VB16-02(5.5)	SOIL	TPHEXT	DIESEL RANGE ORGANICS	5250	Y	MG/KG
TRVB17VB16-02(5.5)	SOIL	TPHEXT	MOTOR OIL RANGE ORGANICS	120	U	MG/KG
TRVB17VB16-02(5.5)	SOIL	TPHEXT	TPH - BUNKER FUEL (C10-C28)	120	U	MG/KG
TRVB17VB16-02(5.5)	SOIL	TPHEXT	TPH - DIESEL F-76 (C8-C28)	120	U	MG/KG
TRVB17VB16-02(5.5)	SOIL	TPHPRG	GASOLINE RANGE ORGANICS	1.2	U	MG/KG
TRVB18VB17-01(7.0')	SOIL	AROMV	BENZENE	6	U	UG/KG
TRVB18VB17-01(7.0')	SOIL	AROMV	ETHYLBENZENE	6	U	UG/KG
TRVB18VB17-01(7.0')	SOIL	AROMV	TOLUENE	6	U	UG/KG
TRVB18VB17-01(7.0')	SOIL	AROMV	XYLENE (TOTAL)	12	U	UG/KG
TRVB18VB17-01(7.0')	SOIL	AROMV	METHYL-T-BUTYL ETHER	30	U	UG/KG
TRVB18VB17-01(7.0')	SOIL	PAH	ACENAPHTHENE	60	U	UG/KG
TRVB18VB17-01(7.0')	SOIL	PAH	ACENAPHTHYLENE	24	U	UG/KG
TRVB18VB17-01(7.0')	SOIL	PAH	ANTHRACENE	2.4	U	UG/KG
TRVB18VB17-01(7.0')	SOIL	PAH	BENZO(A)ANTHRACENE	2.4	U	UG/KG
TRVB18VB17-01(7.0')	SOIL	PAH	BENZO(A)PYRENE	2.4	U	UG/KG
TRVB18VB17-01(7.0')	SOIL	PAH	BENZO(B)FLUORANTHENE	2.4	U	UG/KG
TRVB18VB17-01(7.0')	SOIL	PAH	BENZO(G,H,I)PERYLENE	2.4	U	UG/KG
TRVB18VB17-01(7.0')	SOIL	PAH	BENZO(K)FLUORANTHENE	2.4	U	UG/KG
TRVB18VB17-01(7.0')	SOIL	PAH	CHRYSENE	2.4	U	UG/KG
TRVB18VB17-01(7.0')	SOIL	PAH	DIBENZO(A,H)ANTHRACENE	6	U	UG/KG

TABLE D-2 (CONTINUED)
NFD POINT MOLATE
PHASE I CHARACTERIZATION OF USTs AND FUEL PIPELINES
INTERIM SUMMARY MEMORANDUM
SOIL AND GROUNDWATER ANALYTICAL RESULTS FROM EXCAVATIONS AT FUEL PIPELINES AND VALVE BOXES

SAMPLE ID	SAMPLE MEDIA	ANALYTE GROUP	ANALYTE	CONCENTRATION	QUALIFIER	UNITS
TRVB18VB17-01(7.0')	SOIL	PAH	FLUORANTHENE	2.4	U	UG/KG
TRVB18VB17-01(7.0')	SOIL	PAH	FLUORENE	2.4	U	UG/KG
TRVB18VB17-01(7.0')	SOIL	PAH	INDENO(1,2,3-CD)PYRENE	2.4	U	UG/KG
TRVB18VB17-01(7.0')	SOIL	PAH	2-METHYLNAPHTHALENE	60	U	UG/KG
TRVB18VB17-01(7.0')	SOIL	PAH	NAPHTHALENE	60	U	UG/KG
TRVB18VB17-01(7.0')	SOIL	PAH	PHENANTHRENE	2.4	U	UG/KG
TRVB18VB17-01(7.0')	SOIL	PAH	PYRENE	2.4	U	UG/KG
TRVB18VB17-01(7.0')	SOIL	PAH	1-METHYLNAPHTHALENE	60	U	UG/KG
TRVB18VB17-01(7.0')	SOIL	PCTMST	PERCENT MOISTURE	16.3		%MST
TRVB18VB17-01(7.0')	SOIL	TPHEXT	JP5 RANGE ORGANICS	12	U	MG/KG
TRVB18VB17-01(7.0')	SOIL	TPHEXT	DIESEL RANGE ORGANICS	12	U	MG/KG
TRVB18VB17-01(7.0')	SOIL	TPHEXT	MOTOR OIL RANGE ORGANICS	12	U	MG/KG
TRVB18VB17-01(7.0')	SOIL	TPHEXT	TPH - BUNKER FUEL (C10-C28)	12	U	MG/KG
TRVB18VB17-01(7.0')	SOIL	TPHEXT	TPH - DIESEL F-76 (C8-C28)	12	U	MG/KG
TRVB18VB17-01(7.0')	SOIL	TPHPRG	GASOLINE RANGE ORGANICS	1.2	U	MG/KG
TRT16VB4(6-7)	SOIL	AROMV	BENZENE	6.1	U	UG/KG
TRT16VB4(6-7)	SOIL	AROMV	ETHYLBENZENE	6.1	U	UG/KG
TRT16VB4(6-7)	SOIL	AROMV	TOLUENE	6.1	U	UG/KG
TRT16VB4(6-7)	SOIL	AROMV	XYLENE (TOTAL)	12	U	UG/KG
TRT16VB4(6-7)	SOIL	AROMV	METHYL-T-BUTYL ETHER	31	U	UG/KG
TRT16VB4(6-7)	SOIL	PAH	ACENAPHTHENE	1500	U	UG/KG
TRT16VB4(6-7)	SOIL	PAH	ACENAPHTHYLENE	610	U	UG/KG
TRT16VB4(6-7)	SOIL	PAH	ANTHRACENE	61	U	UG/KG
TRT16VB4(6-7)	SOIL	PAH	BENZO(A)ANTHRACENE	61	U	UG/KG
TRT16VB4(6-7)	SOIL	PAH	BENZO(A)PYRENE	61	U	UG/KG
TRT16VB4(6-7)	SOIL	PAH	BENZO(B)FLUORANTHENE	61	U	UG/KG
TRT16VB4(6-7)	SOIL	PAH	BENZO(G,H,I)PERYLENE	61	U	UG/KG
TRT16VB4(6-7)	SOIL	PAH	BENZO(K)FLUORANTHENE	61	U	UG/KG
TRT16VB4(6-7)	SOIL	PAH	CHRYSENE	61	U	UG/KG
TRT16VB4(6-7)	SOIL	PAH	DIBENZO(A,H)ANTHRACENE	150	U	UG/KG
TRT16VB4(6-7)	SOIL	PAH	FLUORANTHENE	61	U	UG/KG
TRT16VB4(6-7)	SOIL	PAH	FLUORENE	61	U	UG/KG
TRT16VB4(6-7)	SOIL	PAH	INDENO(1,2,3-CD)PYRENE	61	U	UG/KG
TRT16VB4(6-7)	SOIL	PAH	2-METHYLNAPHTHALENE	1500	U	UG/KG
TRT16VB4(6-7)	SOIL	PAH	NAPHTHALENE	1500	U	UG/KG

TABLE D-2 (CONTINUED)
NFD POINT MOLATE
PHASE I CHARACTERIZATION OF USTs AND FUEL PIPELINES
INTERIM SUMMARY MEMORANDUM
SOIL AND GROUNDWATER ANALYTICAL RESULTS FROM EXCAVATIONS AT FUEL PIPELINES AND VALVE BOXES

SAMPLE ID	SAMPLE MEDIA	ANALYTE GROUP	ANALYTE	CONCENTRATION	QUALIFIER	UNITS
TRT16VB4(6-7)	SOIL	PAH	PHENANTHRENE	61	U	UG/KG
TRT16VB4(6-7)	SOIL	PAH	PYRENE	61	U	UG/KG
TRT16VB4(6-7)	SOIL	PAH	1-METHYLNAPHTHALENE	1500	U	UG/KG
TRT16VB4(6-7)	SOIL	PCTMST	PERCENT MOISTURE	18.1		%MST
TRT16VB4(6-7)	SOIL	TPHEXT	JP5 RANGE ORGANICS	61	U	MG/KG
TRT16VB4(6-7)	SOIL	TPHEXT	DIESEL RANGE ORGANICS	97		MG/KG
TRT16VB4(6-7)	SOIL	TPHEXT	MOTOR OIL RANGE ORGANICS	150		MG/KG
TRT16VB4(6-7)	SOIL	TPHEXT	TPH - BUNKER FUEL (C10-C28)	61	U	MG/KG
TRT16VB4(6-7)	SOIL	TPHEXT	TPH - DIESEL F-76 (C8-C28)	61	U	MG/KG
TRT16VB4(6-7)	SOIL	TPHPRG	GASOLINE RANGE ORGANICS	1.2	U	MG/KG
TRVB8VB7-03(7-7.5)	SOIL	AROMV	BENZENE	150000	U	UG/KG
TRVB8VB7-03(7-7.5)	SOIL	AROMV	ETHYLBENZENE	150000	U	UG/KG
TRVB8VB7-03(7-7.5)	SOIL	AROMV	TOLUENE	150000	U	UG/KG
TRVB8VB7-03(7-7.5)	SOIL	AROMV	XYLENE (TOTAL)	300000	U	UG/KG
TRVB8VB7-03(7-7.5)	SOIL	AROMV	METHYL-T-BUTYL ETHER	740000	U	UG/KG
TRVB8VB7-03(7-7.5)	SOIL	NITRATE	NITRATE	8		MG/KG
TRVB8VB7-03(7-7.5)	SOIL	OXYD	BIOCHEMICAL OXYGEN DEMANI	230		MGO2/KG
TRVB8VB7-03(7-7.5)	SOIL	PAH	ACENAPHTHENE	3000	U	UG/KG
TRVB8VB7-03(7-7.5)	SOIL	PAH	ACENAPHTHYLENE	1200	U	UG/KG
TRVB8VB7-03(7-7.5)	SOIL	PAH	ANTHRACENE	200		UG/KG
TRVB8VB7-03(7-7.5)	SOIL	PAH	BENZO(A)ANTHRACENE	410		UG/KG
TRVB8VB7-03(7-7.5)	SOIL	PAH	BENZO(A)PYRENE	120	U	UG/KG
TRVB8VB7-03(7-7.5)	SOIL	PAH	BENZO(B)FLUORANTHENE	120	U	UG/KG
TRVB8VB7-03(7-7.5)	SOIL	PAH	BENZO(G,H,I)PERYLENE	120	U	UG/KG
TRVB8VB7-03(7-7.5)	SOIL	PAH	BENZO(K)FLUORANTHENE	120	U	UG/KG
TRVB8VB7-03(7-7.5)	SOIL	PAH	CHRYSENE	200		UG/KG
TRVB8VB7-03(7-7.5)	SOIL	PAH	DIBENZO(A,H)ANTHRACENE	660		UG/KG
TRVB8VB7-03(7-7.5)	SOIL	PAH	FLUORANTHENE	120	U	UG/KG
TRVB8VB7-03(7-7.5)	SOIL	PAH	FLUORENE	3700		UG/KG
TRVB8VB7-03(7-7.5)	SOIL	PAH	INDENO(1,2,3-CD)PYRENE	120	U	UG/KG
TRVB8VB7-03(7-7.5)	SOIL	PAH	2-METHYLNAPHTHALENE	68200		UG/KG
TRVB8VB7-03(7-7.5)	SOIL	PAH	NAPHTHALENE	24000		UG/KG
TRVB8VB7-03(7-7.5)	SOIL	PAH	PHENANTHRENE	1200		UG/KG
TRVB8VB7-03(7-7.5)	SOIL	PAH	PYRENE	290		UG/KG
TRVB8VB7-03(7-7.5)	SOIL	PAH	1-METHYLNAPHTHALENE	143000		UG/KG

TABLE D-2 (CONTINUED)
NFD POINT MOLATE
PHASE I CHARACTERIZATION OF USTs AND FUEL PIPELINES
INTERIM SUMMARY MEMORANDUM
SOIL AND GROUNDWATER ANALYTICAL RESULTS FROM EXCAVATIONS AT FUEL PIPELINES AND VALVE BOXES

SAMPLE ID	SAMPLE MEDIA	ANALYTE GROUP	ANALYTE	CONCENTRATION	QUALIFIER	UNITS
TRVB8VB7-03(7-7.5)	SOIL	PCTMST	PERCENT MOISTURE	16		%MST
TRVB8VB7-03(7-7.5)	SOIL	PH	PH	6.61		
TRVB8VB7-03(7-7.5)	SOIL	SULFATE	SULFATE	408		MG/KG
TRVB8VB7-03(7-7.5)	SOIL	TOC	TOTAL ORGANIC CARBON	39800		MG/KG
TRVB8VB7-03(7-7.5)	SOIL	TPHEXT	JP5 RANGE ORGANICS	18000		MG/KG
TRVB8VB7-03(7-7.5)	SOIL	TPHEXT	DIESEL RANGE ORGANICS	1200	U	MG/KG
TRVB8VB7-03(7-7.5)	SOIL	TPHEXT	MOTOR OIL RANGE ORGANICS	1200	U	MG/KG
TRVB8VB7-03(7-7.5)	SOIL	TPHEXT	TPH - BUNKER FUEL (C10-C28)	1200	U	MG/KG
TRVB8VB7-03(7-7.5)	SOIL	TPHEXT	TPH - DIESEL F-76 (C8-C28)	1200	U	MG/KG
TRVB8VB7-03(7-7.5)	SOIL	TPHPRG	GASOLINE RANGE ORGANICS	60000	Z	MG/KG
TRVB19T29(7-7.5)	SOIL	AROMV	BENZENE	30000	U	UG/KG
TRVB19T29(7-7.5)	SOIL	AROMV	ETHYLBENZENE	23000	J	UG/KG
TRVB19T29(7-7.5)	SOIL	AROMV	TOLUENE	30000	U	UG/KG
TRVB19T29(7-7.5)	SOIL	AROMV	XYLENE (TOTAL)	87000		UG/KG
TRVB19T29(7-7.5)	SOIL	AROMV	METHYL-T-BUTYL ETHER	150000	U	UG/KG
TRVB19T29(7-7.5)	SOIL	PAH	BENZO(K)FLUORANTHENE	200		UG/KG
TRVB19T29(7-7.5)	SOIL	PAH	CHRYSENE	410		UG/KG
TRVB19T29(7-7.5)	SOIL	PAH	DIBENZO(A,H)ANTHRACENE	1200		UG/KG
TRVB19T29(7-7.5)	SOIL	PAH	FLUORANTHENE	120	U	UG/KG
TRVB19T29(7-7.5)	SOIL	PAH	FLUORENE	120	U	UG/KG
TRVB19T29(7-7.5)	SOIL	PAH	INDENO(1,2,3-CD)PYRENE	120	U	UG/KG
TRVB19T29(7-7.5)	SOIL	PAH	2-METHYLNAPHTHALENE	81300		UG/KG
TRVB19T29(7-7.5)	SOIL	PAH	NAPHTHALENE	29000		UG/KG
TRVB19T29(7-7.5)	SOIL	PAH	PHENANTHRENE	1300		UG/KG
TRVB19T29(7-7.5)	SOIL	PAH	PYRENE	120	U	UG/KG
TRVB19T29(7-7.5)	SOIL	PAH	1-METHYLNAPHTHALENE	188000		UG/KG
TRVB19T29(7-7.5)	SOIL	PAH	ACENAPHTHENE	3000	U	UG/KG
TRVB19T29(7-7.5)	SOIL	PAH	ACENAPHTHYLENE	1200	U	UG/KG
TRVB19T29(7-7.5)	SOIL	PAH	ANTHRACENE	200		UG/KG
TRVB19T29(7-7.5)	SOIL	PAH	BENZO(A)ANTHRACENE	690		UG/KG
TRVB19T29(7-7.5)	SOIL	PAH	BENZO(A)PYRENE	120	U	UG/KG
TRVB19T29(7-7.5)	SOIL	PAH	BENZO(B)FLUORANTHENE	120	U	UG/KG
TRVB19T29(7-7.5)	SOIL	PAH	BENZO(G,H,I)PERYLENE	120	U	UG/KG
TRVB19T29(7-7.5)	SOIL	PCTMST	PERCENT MOISTURE	16.8		%MST
TRVB19T29(7-7.5)	SOIL	TPHEXT	JP5 RANGE ORGANICS	21000		MG/KG

TABLE D-2 (CONTINUED)
NFD POINT MOLATE
PHASE I CHARACTERIZATION OF USTs AND FUEL PIPELINES
INTERIM SUMMARY MEMORANDUM
SOIL AND GROUNDWATER ANALYTICAL RESULTS FROM EXCAVATIONS AT FUEL PIPELINES AND VALVE BOXES

SAMPLE ID	SAMPLE MEDIA	ANALYTE GROUP	ANALYTE	CONCENTRATION	QUALIFIER	UNITS
TRVB19T29(7-7.5)	SOIL	TPHEXT	DIESEL RANGE ORGANICS	1200	U	MG/KG
TRVB19T29(7-7.5)	SOIL	TPHEXT	MOTOR OIL RANGE ORGANICS	660	J	MG/KG
TRVB19T29(7-7.5)	SOIL	TPHEXT	TPH - BUNKER FUEL (C10-C28)	1200	U	MG/KG
TRVB19T29(7-7.5)	SOIL	TPHEXT	TPH - DIESEL F-76 (C8-C28)	1200	U	MG/KG
TRVB19T29(7-7.5)	SOIL	TPHPRG	GASOLINE RANGE ORGANICS	62000		MG/KG
TRVB4VB3-04(3-3.5)	SOIL	AROMV	BENZENE	6	U	UG/KG
TRVB4VB3-04(3-3.5)	SOIL	AROMV	ETHYLBENZENE	6	U	UG/KG
TRVB4VB3-04(3-3.5)	SOIL	AROMV	TOLUENE	6	U	UG/KG
TRVB4VB3-04(3-3.5)	SOIL	AROMV	XYLENE (TOTAL)	12	U	UG/KG
TRVB4VB3-04(3-3.5)	SOIL	AROMV	METHYL-T-BUTYL ETHER	30	U	UG/KG
TRVB4VB3-04(3-3.5)	SOIL	PAH	BENZO(K)FLUORANTHENE	12	U	UG/KG
TRVB4VB3-04(3-3.5)	SOIL	PAH	CHRYSENE	20		UG/KG
TRVB4VB3-04(3-3.5)	SOIL	PAH	DIBENZO(A,H)ANTHRACENE	30	U	UG/KG
TRVB4VB3-04(3-3.5)	SOIL	PAH	FLUORANTHENE	12	U	UG/KG
TRVB4VB3-04(3-3.5)	SOIL	PAH	FLUORENE	12	U	UG/KG
TRVB4VB3-04(3-3.5)	SOIL	PAH	INDENO(1,2,3-CD)PYRENE	12	U	UG/KG
TRVB4VB3-04(3-3.5)	SOIL	PAH	2-METHYLNAPHTHALENE	300	U	UG/KG
TRVB4VB3-04(3-3.5)	SOIL	PAH	NAPHTHALENE	300	U	UG/KG
TRVB4VB3-04(3-3.5)	SOIL	PAH	PHENANTHRENE	12	U	UG/KG
TRVB4VB3-04(3-3.5)	SOIL	PAH	PYRENE	46		UG/KG
TRVB4VB3-04(3-3.5)	SOIL	PAH	1-METHYLNAPHTHALENE	300	U	UG/KG
TRVB4VB3-04(3-3.5)	SOIL	PAH	BENZO(G,H,I)PERYLENE	12	U	UG/KG
TRVB4VB3-04(3-3.5)	SOIL	PAH	ACENAPHTHENE	300	U	UG/KG
TRVB4VB3-04(3-3.5)	SOIL	PAH	ACENAPHTHYLENE	120	U	UG/KG
TRVB4VB3-04(3-3.5)	SOIL	PAH	ANTHRACENE	12	U	UG/KG
TRVB4VB3-04(3-3.5)	SOIL	PAH	BENZO(A)ANTHRACENE	31		UG/KG
TRVB4VB3-04(3-3.5)	SOIL	PAH	BENZO(A)PYRENE	12	U	UG/KG
TRVB4VB3-04(3-3.5)	SOIL	PAH	BENZO(B)FLUORANTHENE	12	U	UG/KG
TRVB4VB3-04(3-3.5)	SOIL	PCTMST	PERCENT MOISTURE	17.1		%MST
TRVB4VB3-04(3-3.5)	SOIL	TPHEXT	JP5 RANGE ORGANICS	12	U	MG/KG
TRVB4VB3-04(3-3.5)	SOIL	TPHEXT	DIESEL RANGE ORGANICS	12	U	MG/KG
TRVB4VB3-04(3-3.5)	SOIL	TPHEXT	MOTOR OIL RANGE ORGANICS	11	JZ	MG/KG
TRVB4VB3-04(3-3.5)	SOIL	TPHEXT	TPH - BUNKER FUEL (C10-C28)	12	U	MG/KG
TRVB4VB3-04(3-3.5)	SOIL	TPHEXT	TPH - DIESEL F-76 (C8-C28)	12	U	MG/KG
TRVB4VB3-04(3-3.5)	SOIL	TPHPRG	GASOLINE RANGE ORGANICS	1.2	U	MG/KG

TABLE D-2 (CONTINUED)
NFD POINT MOLATE
PHASE I CHARACTERIZATION OF USTs AND FUEL PIPELINES
INTERIM SUMMARY MEMORANDUM
SOIL AND GROUNDWATER ANALYTICAL RESULTS FROM EXCAVATIONS AT FUEL PIPELINES AND VALVE BOXES

SAMPLE ID	SAMPLE MEDIA	ANALYTE GROUP	ANALYTE	CONCENTRATION	QUALIFIER	UNITS
TRVB7VB6-03(9.5-10)	SOIL	AROMV	BENZENE	61	U	UG/KG
TRVB7VB6-03(9.5-10)	SOIL	AROMV	ETHYLBENZENE	100		UG/KG
TRVB7VB6-03(9.5-10)	SOIL	AROMV	TOLUENE	61	U	UG/KG
TRVB7VB6-03(9.5-10)	SOIL	AROMV	XYLENE (TOTAL)	170		UG/KG
TRVB7VB6-03(9.5-10)	SOIL	AROMV	METHYL-T-BUTYL ETHER	300	U	UG/KG
TRVB7VB6-03(9.5-10)	SOIL	PAH	BENZO(B)FLUORANTHENE	240	U	UG/KG
TRVB7VB6-03(9.5-10)	SOIL	PAH	BENZO(G,H,I)PERYLENE	1800		UG/KG
TRVB7VB6-03(9.5-10)	SOIL	PAH	BENZO(K)FLUORANTHENE	240	U	UG/KG
TRVB7VB6-03(9.5-10)	SOIL	PAH	CHRYSENE	240	U	UG/KG
TRVB7VB6-03(9.5-10)	SOIL	PAH	DIBENZO(A,H)ANTHRACENE	610	U	UG/KG
TRVB7VB6-03(9.5-10)	SOIL	PAH	FLUORANTHENE	240	U	UG/KG
TRVB7VB6-03(9.5-10)	SOIL	PAH	FLUORENE	3700		UG/KG
TRVB7VB6-03(9.5-10)	SOIL	PAH	INDENO(1,2,3-CD)PYRENE	240	U	UG/KG
TRVB7VB6-03(9.5-10)	SOIL	PAH	2-METHYLNAPHTHALENE	16000		UG/KG
TRVB7VB6-03(9.5-10)	SOIL	PAH	NAPHTHALENE	6100	U	UG/KG
TRVB7VB6-03(9.5-10)	SOIL	PAH	PHENANTHRENE	10000		UG/KG
TRVB7VB6-03(9.5-10)	SOIL	PAH	PYRENE	44100		UG/KG
TRVB7VB6-03(9.5-10)	SOIL	PAH	1-METHYLNAPHTHALENE	64000		UG/KG
TRVB7VB6-03(9.5-10)	SOIL	PAH	BENZO(A)ANTHRACENE	12900		UG/KG
TRVB7VB6-03(9.5-10)	SOIL	PAH	ACENAPHTHENE	6100	U	UG/KG
TRVB7VB6-03(9.5-10)	SOIL	PAH	ACENAPHTHYLENE	2400	U	UG/KG
TRVB7VB6-03(9.5-10)	SOIL	PAH	ANTHRACENE	3000		UG/KG
TRVB7VB6-03(9.5-10)	SOIL	PAH	BENZO(A)PYRENE	240	U	UG/KG
TRVB7VB6-03(9.5-10)	SOIL	PCTMST	PERCENT MOISTURE	17.4		%MST
TRVB7VB6-03(9.5-10)	SOIL	PH	PH	6.96		
TRVB7VB6-03(9.5-10)	SOIL	TPHEXT	JP5 RANGE ORGANICS	610	U	MG/KG
TRVB7VB6-03(9.5-10)	SOIL	TPHEXT	DIESEL RANGE ORGANICS	610	U	MG/KG
TRVB7VB6-03(9.5-10)	SOIL	TPHEXT	MOTOR OIL RANGE ORGANICS	610	U	MG/KG
TRVB7VB6-03(9.5-10)	SOIL	TPHEXT	TPH - BUNKER FUEL (C10-C28)	12000		MG/KG
TRVB7VB6-03(9.5-10)	SOIL	TPHEXT	TPH - DIESEL F-76 (C8-C28)	610	U	MG/KG
TRVB7VB6-03(9.5-10)	SOIL	TPHPRG	GASOLINE RANGE ORGANICS	82	Z	MG/KG
WTVB7VB6-03(6.5)	WATER	AROMV	BENZENE	0.5	U	UG/L
WTVB7VB6-03(6.5)	WATER	AROMV	ETHYLBENZENE	0.5	U	UG/L
WTVB7VB6-03(6.5)	WATER	AROMV	TOLUENE	0.5	U	UG/L
WTVB7VB6-03(6.5)	WATER	AROMV	XYLENE (TOTAL)	0.8	J	UG/L

TABLE D-2 (CONTINUED)
NFD POINT MOLATE
PHASE I CHARACTERIZATION OF USTs AND FUEL PIPELINES
INTERIM SUMMARY MEMORANDUM
SOIL AND GROUNDWATER ANALYTICAL RESULTS FROM EXCAVATIONS AT FUEL PIPELINES AND VALVE BOXES

SAMPLE ID	SAMPLE MEDIA	ANALYTE GROUP	ANALYTE	CONCENTRATION	QUALIFIER	UNITS
WTVB7VB6-03(6.5)	WATER	AROMV	METHYL-T-BUTYL ETHER	5	U	UG/L
WTVB7VB6-03(6.5)	WATER	PAH	ACENAPHTHYLENE	2	U	UG/L
WTVB7VB6-03(6.5)	WATER	PAH	ANTHRACENE	0.3		UG/L
WTVB7VB6-03(6.5)	WATER	PAH	BENZO(A)ANTHRACENE	0.3		UG/L
WTVB7VB6-03(6.5)	WATER	PAH	BENZO(A)PYRENE	0.2	U	UG/L
WTVB7VB6-03(6.5)	WATER	PAH	BENZO(B)FLUORANTHENE	0.2	U	UG/L
WTVB7VB6-03(6.5)	WATER	PAH	BENZO(G,H,I)PERYLENE	0.2	U	UG/L
WTVB7VB6-03(6.5)	WATER	PAH	BENZO(K)FLUORANTHENE	0.2	U	UG/L
WTVB7VB6-03(6.5)	WATER	PAH	CHRYSENE	0.2	U	UG/L
WTVB7VB6-03(6.5)	WATER	PAH	DIBENZO(A,H)ANTHRACENE	0.5	U	UG/L
WTVB7VB6-03(6.5)	WATER	PAH	FLUORANTHENE	0.2	U	UG/L
WTVB7VB6-03(6.5)	WATER	PAH	FLUORENE	0.7	J	UG/L
WTVB7VB6-03(6.5)	WATER	PAH	INDENO(1,2,3-CD)PYRENE	0.2	U	UG/L
WTVB7VB6-03(6.5)	WATER	PAH	2-METHYLNAPHTHALENE	2		UG/L
WTVB7VB6-03(6.5)	WATER	PAH	NAPHTHALENE	5	U	UG/L
WTVB7VB6-03(6.5)	WATER	PAH	PHENANTHRENE	1	U	UG/L
WTVB7VB6-03(6.5)	WATER	PAH	PYRENE	0.2	U	UG/L
WTVB7VB6-03(6.5)	WATER	PAH	1-METHYLNAPHTHALENE	18		UG/L
WTVB7VB6-03(6.5)	WATER	PAH	ACENAPHTHENE	5	U	UG/L
WTVB7VB6-03(6.5)	WATER	TPHEXT	JP5 RANGE ORGANICS	0.5	U	MG/L
WTVB7VB6-03(6.5)	WATER	TPHEXT	DIESEL RANGE ORGANICS	1.3	Y	MG/L
WTVB7VB6-03(6.5)	WATER	TPHEXT	MOTOR OIL RANGE ORGANICS	0.5	U	MG/L
WTVB7VB6-03(6.5)	WATER	TPHEXT	TPH - BUNKER FUEL (C10-C28)	0.5	U	MG/L
WTVB7VB6-03(6.5)	WATER	TPHEXT	TPH - DIESEL F-76 (C8-C28)	0.5	U	MG/L
WTVB7VB6-03(6.5)	WATER	TPHPRG	GASOLINE RANGE ORGANICS	0.69	Z	MG/L
TRVB7VB6-02(10)	SOIL	AROMV	TOLUENE	30	U	UG/KG
TRVB7VB6-02(10)	SOIL	AROMV	XYLENE (TOTAL)	550		UG/KG
TRVB7VB6-02(10)	SOIL	AROMV	METHYL-T-BUTYL ETHER	150	U	UG/KG
TRVB7VB6-02(10)	SOIL	AROMV	BENZENE	30	U	UG/KG
TRVB7VB6-02(10)	SOIL	AROMV	ETHYLBENZENE	40		UG/KG
TRVB7VB6-02(10)	SOIL	PAH	ACENAPHTHENE	1500	U	UG/KG
TRVB7VB6-02(10)	SOIL	PAH	ACENAPHTHYLENE	600	U	UG/KG
TRVB7VB6-02(10)	SOIL	PAH	ANTHRACENE	60	U	UG/KG
TRVB7VB6-02(10)	SOIL	PAH	BENZO(A)ANTHRACENE	160		UG/KG
TRVB7VB6-02(10)	SOIL	PAH	BENZO(A)PYRENE	60	U	UG/KG

TABLE D-2 (CONTINUED)
NFD POINT MOLATE
PHASE I CHARACTERIZATION OF USTs AND FUEL PIPELINES
INTERIM SUMMARY MEMORANDUM
SOIL AND GROUNDWATER ANALYTICAL RESULTS FROM EXCAVATIONS AT FUEL PIPELINES AND VALVE BOXES

SAMPLE ID	SAMPLE MEDIA	ANALYTE GROUP	ANALYTE	CONCENTRATION	QUALIFIER	UNITS
TRVB7VB6-02(10)	SOIL	PAH	BENZO(B)FLUORANTHENE	60	U	UG/KG
TRVB7VB6-02(10)	SOIL	PAH	BENZO(G,H,I)PERYLENE	60	U	UG/KG
TRVB7VB6-02(10)	SOIL	PAH	BENZO(K)FLUORANTHENE	60	U	UG/KG
TRVB7VB6-02(10)	SOIL	PAH	CHRYSENE	90		UG/KG
TRVB7VB6-02(10)	SOIL	PAH	DIBENZO(A,H)ANTHRACENE	150	U	UG/KG
TRVB7VB6-02(10)	SOIL	PAH	FLUORANTHENE	60	U	UG/KG
TRVB7VB6-02(10)	SOIL	PAH	FLUORENE	60	U	UG/KG
TRVB7VB6-02(10)	SOIL	PAH	INDENO(1,2,3-CD)PYRENE	60	U	UG/KG
TRVB7VB6-02(10)	SOIL	PAH	2-METHYLNAPHTHALENE	7500		UG/KG
TRVB7VB6-02(10)	SOIL	PAH	NAPHTHALENE	1500	U	UG/KG
TRVB7VB6-02(10)	SOIL	PAH	PHENANTHRENE	260		UG/KG
TRVB7VB6-02(10)	SOIL	PAH	PYRENE	60	U	UG/KG
TRVB7VB6-02(10)	SOIL	PAH	1-METHYLNAPHTHALENE	7900		UG/KG
TRVB7VB6-02(10)	SOIL	PCTMST	PERCENT MOISTURE	17.2		%MST
TRVB7VB6-02(10)	SOIL	PH	PH	6.88		
TRVB7VB6-02(10)	SOIL	TPHEXT	DIESEL RANGE ORGANICS	1200	U	MG/KG
TRVB7VB6-02(10)	SOIL	TPHEXT	MOTOR OIL RANGE ORGANICS	1200	U	MG/KG
TRVB7VB6-02(10)	SOIL	TPHEXT	TPH - BUNKER FUEL (C10-C28)	1200	U	MG/KG
TRVB7VB6-02(10)	SOIL	TPHEXT	TPH - DIESEL F-76 (C8-C28)	1200	U	MG/KG
TRVB7VB6-02(10)	SOIL	TPHEXT	JP5 RANGE ORGANICS	6200	Y	MG/KG
TRVB7VB6-02(10)	SOIL	TPHPRG	GASOLINE RANGE ORGANICS	96	Z	MG/KG
TRT20VB2(5)	SOIL	AROMV	BENZENE	5.7	U	UG/KG
TRT20VB2(5)	SOIL	AROMV	ETHYLBENZENE	5.7	U	UG/KG
TRT20VB2(5)	SOIL	AROMV	TOLUENE	5.7	U	UG/KG
TRT20VB2(5)	SOIL	AROMV	XYLENE (TOTAL)	11	U	UG/KG
TRT20VB2(5)	SOIL	AROMV	METHYL-T-BUTYL ETHER	29	U	UG/KG
TRT20VB2(5)	SOIL	PAH	CHRYSENE	230	U	UG/KG
TRT20VB2(5)	SOIL	PAH	DIBENZO(A,H)ANTHRACENE	570	U	UG/KG
TRT20VB2(5)	SOIL	PAH	FLUORANTHENE	230	U	UG/KG
TRT20VB2(5)	SOIL	PAH	FLUORENE	230	U	UG/KG
TRT20VB2(5)	SOIL	PAH	INDENO(1,2,3-CD)PYRENE	230	U	UG/KG
TRT20VB2(5)	SOIL	PAH	2-METHYLNAPHTHALENE	5700	U	UG/KG
TRT20VB2(5)	SOIL	PAH	NAPHTHALENE	5700	U	UG/KG
TRT20VB2(5)	SOIL	PAH	PHENANTHRENE	230	U	UG/KG
TRT20VB2(5)	SOIL	PAH	PYRENE	230	U	UG/KG

TABLE D-2 (CONTINUED)
NFD POINT MOLATE
PHASE I CHARACTERIZATION OF USTs AND FUEL PIPELINES
INTERIM SUMMARY MEMORANDUM
SOIL AND GROUNDWATER ANALYTICAL RESULTS FROM EXCAVATIONS AT FUEL PIPELINES AND VALVE BOXES

SAMPLE ID	SAMPLE MEDIA	ANALYTE GROUP	ANALYTE	CONCENTRATION	QUALIFIER	UNITS
TRT20VB2(5)	SOIL	PAH	1-METHYLNAPHTHALENE	5700	U	UG/KG
TRT20VB2(5)	SOIL	PAH	ACENAPHTHENE	5700	U	UG/KG
TRT20VB2(5)	SOIL	PAH	ACENAPHTHYLENE	2300	U	UG/KG
TRT20VB2(5)	SOIL	PAH	ANTHRACENE	230	U	UG/KG
TRT20VB2(5)	SOIL	PAH	BENZO(A)ANTHRACENE	230	U	UG/KG
TRT20VB2(5)	SOIL	PAH	BENZO(A)PYRENE	230	U	UG/KG
TRT20VB2(5)	SOIL	PAH	BENZO(B)FLUORANTHENE	230	U	UG/KG
TRT20VB2(5)	SOIL	PAH	BENZO(G,H,I)PERYLENE	230	U	UG/KG
TRT20VB2(5)	SOIL	PAH	BENZO(K)FLUORANTHENE	230	U	UG/KG
TRT20VB2(5)	SOIL	PCTMST	PERCENT MOISTURE	13		%MST
TRT20VB2(5)	SOIL	PH	PH	7.86		
TRT20VB2(5)	SOIL	TPHEXT	JP5 RANGE ORGANICS	110	U	MG/KG
TRT20VB2(5)	SOIL	TPHEXT	DIESEL RANGE ORGANICS	110	U	MG/KG
TRT20VB2(5)	SOIL	TPHEXT	MOTOR OIL RANGE ORGANICS	1200	Y	MG/KG
TRT20VB2(5)	SOIL	TPHEXT	TPH - BUNKER FUEL (C10-C28)	110	U	MG/KG
TRT20VB2(5)	SOIL	TPHEXT	TPH - DIESEL F-76 (C8-C28)	110	U	MG/KG
TRT20VB2(5)	SOIL	TPHPRG	GASOLINE RANGE ORGANICS	1.1	U	MG/KG
WTT19VB6(7)	WATER	AROMV	BENZENE	0.5	U	UG/L
WTT19VB6(7)	WATER	AROMV	ETHYLBENZENE	1.9		UG/L
WTT19VB6(7)	WATER	AROMV	TOLUENE	0.9		UG/L
WTT19VB6(7)	WATER	AROMV	XYLENE (TOTAL)	7.6		UG/L
WTT19VB6(7)	WATER	AROMV	METHYL-T-BUTYL ETHER	5	U	UG/L
WTT19VB6(7)	WATER	PAH	ACENAPHTHENE	5	U	UG/L
WTT19VB6(7)	WATER	PAH	ACENAPHTHYLENE	2	U	UG/L
WTT19VB6(7)	WATER	PAH	ANTHRACENE	0.2	U	UG/L
WTT19VB6(7)	WATER	PAH	BENZO(A)ANTHRACENE	0.2	U	UG/L
WTT19VB6(7)	WATER	PAH	BENZO(A)PYRENE	0.2	U	UG/L
WTT19VB6(7)	WATER	PAH	BENZO(B)FLUORANTHENE	0.2	U	UG/L
WTT19VB6(7)	WATER	PAH	BENZO(G,H,I)PERYLENE	0.2	U	UG/L
WTT19VB6(7)	WATER	PAH	BENZO(K)FLUORANTHENE	0.2	U	UG/L
WTT19VB6(7)	WATER	PAH	CHRYSENE	0.2	U	UG/L
WTT19VB6(7)	WATER	PAH	DIBENZO(A,H)ANTHRACENE	0.5	U	UG/L
WTT19VB6(7)	WATER	PAH	FLUORANTHENE	0.2	U	UG/L
WTT19VB6(7)	WATER	PAH	FLUORENE	1	U	UG/L
WTT19VB6(7)	WATER	PAH	INDENO(1,2,3-CD)PYRENE	0.2	U	UG/L

TABLE D-2 (CONTINUED)
NFD POINT MOLATE
PHASE I CHARACTERIZATION OF USTs AND FUEL PIPELINES
INTERIM SUMMARY MEMORANDUM
SOIL AND GROUNDWATER ANALYTICAL RESULTS FROM EXCAVATIONS AT FUEL PIPELINES AND VALVE BOXES

SAMPLE ID	SAMPLE MEDIA	ANALYTE GROUP	ANALYTE	CONCENTRATION	QUALIFIER	UNITS
WTT19VB6(7)	WATER	PAH	2-METHYLNAPHTHALENE	1	U	UG/L
WTT19VB6(7)	WATER	PAH	NAPHTHALENE	5	U	UG/L
WTT19VB6(7)	WATER	PAH	PHENANTHRENE	1	U	UG/L
WTT19VB6(7)	WATER	PAH	PYRENE	0.2	U	UG/L
WTT19VB6(7)	WATER	PAH	1-METHYLNAPHTHALENE	1	U	UG/L
WTT19VB6(7)	WATER	TPHEXT	DIESEL RANGE ORGANICS	2.5	Y	MG/L
WTT19VB6(7)	WATER	TPHEXT	MOTOR OIL RANGE ORGANICS	2.5	U	MG/L
WTT19VB6(7)	WATER	TPHEXT	TPH - BUNKER FUEL (C10-C28)	2.5	U	MG/L
WTT19VB6(7)	WATER	TPHEXT	TPH - DIESEL F-76 (C8-C28)	2.5	U	MG/L
WTT19VB6(7)	WATER	TPHEXT	JP5 RANGE ORGANICS	2.5	U	MG/L
WTT19VB6(7)	WATER	TPHPRG	GASOLINE RANGE ORGANICS	0.81	Z	MG/L
WTVB17VB16-01(10)	WATER	AROMV	BENZENE	0.5	U	UG/L
WTVB17VB16-01(10)	WATER	AROMV	ETHYLBENZENE	1		UG/L
WTVB17VB16-01(10)	WATER	AROMV	TOLUENE	0.5	J	UG/L
WTVB17VB16-01(10)	WATER	AROMV	XYLENE (TOTAL)	0.7	J	UG/L
WTVB17VB16-01(10)	WATER	AROMV	METHYL-T-BUTYL ETHER	5	U	UG/L
WTVB17VB16-01(10)	WATER	PAH	INDENO(1,2,3-CD)PYRENE	1	U	UG/L
WTVB17VB16-01(10)	WATER	PAH	2-METHYLNAPHTHALENE	8		UG/L
WTVB17VB16-01(10)	WATER	PAH	NAPHTHALENE	25	U	UG/L
WTVB17VB16-01(10)	WATER	PAH	PHENANTHRENE	4	J	UG/L
WTVB17VB16-01(10)	WATER	PAH	PYRENE	1	U	UG/L
WTVB17VB16-01(10)	WATER	PAH	1-METHYLNAPHTHALENE	48		UG/L
WTVB17VB16-01(10)	WATER	PAH	FLUORANTHENE	1	U	UG/L
WTVB17VB16-01(10)	WATER	PAH	ACENAPHTHENE	25	U	UG/L
WTVB17VB16-01(10)	WATER	PAH	ACENAPHTHYLENE	10	U	UG/L
WTVB17VB16-01(10)	WATER	PAH	ANTHRACENE	0.9	J	UG/L
WTVB17VB16-01(10)	WATER	PAH	BENZO(A)ANTHRACENE	6.8		UG/L
WTVB17VB16-01(10)	WATER	PAH	BENZO(A)PYRENE	1	U	UG/L
WTVB17VB16-01(10)	WATER	PAH	BENZO(B)FLUORANTHENE	1	U	UG/L
WTVB17VB16-01(10)	WATER	PAH	BENZO(G,H,I)PERYLENE	1	U	UG/L
WTVB17VB16-01(10)	WATER	PAH	BENZO(K)FLUORANTHENE	1	U	UG/L
WTVB17VB16-01(10)	WATER	PAH	CHRYSENE	1		UG/L
WTVB17VB16-01(10)	WATER	PAH	DIBENZO(A,H)ANTHRACENE	1		UG/L
WTVB17VB16-01(10)	WATER	PAH	FLUORENE	5	U	UG/L
WTVB17VB16-01(10)	WATER	TPHEXT	DIESEL RANGE ORGANICS	8.7	Y	MG/L

TABLE D-2 (CONTINUED)
NFD POINT MOLATE
PHASE I CHARACTERIZATION OF USTs AND FUEL PIPELINES
INTERIM SUMMARY MEMORANDUM
SOIL AND GROUNDWATER ANALYTICAL RESULTS FROM EXCAVATIONS AT FUEL PIPELINES AND VALVE BOXES

SAMPLE ID	SAMPLE MEDIA	ANALYTE GROUP	ANALYTE	CONCENTRATION	QUALIFIER	UNITS
WTVB17VB16-01(10)	WATER	TPHEXT	MOTOR OIL RANGE ORGANICS	5	U	MG/L
WTVB17VB16-01(10)	WATER	TPHEXT	TPH - BUNKER FUEL (C10-C28)	5	U	MG/L
WTVB17VB16-01(10)	WATER	TPHEXT	TPH - DIESEL F-76 (C8-C28)	5	U	MG/L
WTVB17VB16-01(10)	WATER	TPHEXT	JP5 RANGE ORGANICS	5	U	MG/L
WTVB17VB16-01(10)	WATER	TPHPRG	GASOLINE RANGE ORGANICS	1.05	Z	MG/L
WTVB7VB6-01(10.5)	WATER	ANION	NITRATE	0.77		MG/L
WTVB7VB6-01(10.5)	WATER	ANION	SULFATE	30		MG/L
WTVB7VB6-01(10.5)	WATER	AROMV	BENZENE	0.5	U	UG/L
WTVB7VB6-01(10.5)	WATER	AROMV	ETHYLBENZENE	0.3	J	UG/L
WTVB7VB6-01(10.5)	WATER	AROMV	TOLUENE	1.3		UG/L
WTVB7VB6-01(10.5)	WATER	AROMV	XYLENE (TOTAL)	1.1		UG/L
WTVB7VB6-01(10.5)	WATER	AROMV	METHYL-T-BUTYL ETHER	4	J	UG/L
WTVB7VB6-01(10.5)	WATER	OXYD	BIOCHEMICAL OXYGEN DEMAND	4.8		MG/L
WTVB7VB6-01(10.5)	WATER	PAH	ACENAPHTHENE	25	U	UG/L
WTVB7VB6-01(10.5)	WATER	PAH	ACENAPHTHYLENE	10	U	UG/L
WTVB7VB6-01(10.5)	WATER	PAH	ANTHRACENE	1		UG/L
WTVB7VB6-01(10.5)	WATER	PAH	BENZO(A)ANTHRACENE	7		UG/L
WTVB7VB6-01(10.5)	WATER	PAH	BENZO(A)PYRENE	1	U	UG/L
WTVB7VB6-01(10.5)	WATER	PAH	BENZO(B)FLUORANTHENE	1	U	UG/L
WTVB7VB6-01(10.5)	WATER	PAH	BENZO(G,H,I)PERYLENE	1	U	UG/L
WTVB7VB6-01(10.5)	WATER	PAH	BENZO(K)FLUORANTHENE	1	U	UG/L
WTVB7VB6-01(10.5)	WATER	PAH	CHRYSENE	1		UG/L
WTVB7VB6-01(10.5)	WATER	PAH	DIBENZO(A,H)ANTHRACENE	2.5	U	UG/L
WTVB7VB6-01(10.5)	WATER	PAH	FLUORANTHENE	1	U	UG/L
WTVB7VB6-01(10.5)	WATER	PAH	FLUORENE	5	U	UG/L
WTVB7VB6-01(10.5)	WATER	PAH	INDENO(1,2,3-CD)PYRENE	1	U	UG/L
WTVB7VB6-01(10.5)	WATER	PAH	2-METHYLNAPHTHALENE	20		UG/L
WTVB7VB6-01(10.5)	WATER	PAH	NAPHTHALENE	25	U	UG/L
WTVB7VB6-01(10.5)	WATER	PAH	PHENANTHRENE	5		UG/L
WTVB7VB6-01(10.5)	WATER	PAH	PYRENE	1	U	UG/L
WTVB7VB6-01(10.5)	WATER	PAH	1-METHYLNAPHTHALENE	118		UG/L
WTVB7VB6-01(10.5)	WATER	PH	PH	6.52		UNITS
WTVB7VB6-01(10.5)	WATER	TOC	TOTAL ORGANIC CARBON	14		MG/L
WTVB7VB6-01(10.5)	WATER	TPHEXT	JP5 RANGE ORGANICS	5	U	MG/L
WTVB7VB6-01(10.5)	WATER	TPHEXT	DIESEL RANGE ORGANICS	6.3		MG/L

TABLE D-2 (CONTINUED)
NFD POINT MOLATE
PHASE I CHARACTERIZATION OF USTs AND FUEL PIPELINES
INTERIM SUMMARY MEMORANDUM
SOIL AND GROUNDWATER ANALYTICAL RESULTS FROM EXCAVATIONS AT FUEL PIPELINES AND VALVE BOXES

SAMPLE ID	SAMPLE MEDIA	ANALYTE GROUP	ANALYTE	CONCENTRATION	QUALIFIER	UNITS
WTVB7VB6-01(10.5)	WATER	TPHEXT	MOTOR OIL RANGE ORGANICS	5	U	MG/L
WTVB7VB6-01(10.5)	WATER	TPHEXT	TPH - BUNKER FUEL (C10-C28)	5	U	MG/L
WTVB7VB6-01(10.5)	WATER	TPHEXT	TPH - DIESEL F-76 (C8-C28)	5	U	MG/L
WTVB7VB6-01(10.5)	WATER	TPHPRG	GASOLINE RANGE ORGANICS	1.07	Z	MG/L
TRVB7VB6-01(8.5-9)	SOIL	AROMV	BENZENE	59	U	UG/KG
TRVB7VB6-01(8.5-9)	SOIL	AROMV	ETHYLBENZENE	53	J	UG/KG
TRVB7VB6-01(8.5-9)	SOIL	AROMV	TOLUENE	59	U	UG/KG
TRVB7VB6-01(8.5-9)	SOIL	AROMV	XYLENE (TOTAL)	67	J	UG/KG
TRVB7VB6-01(8.5-9)	SOIL	AROMV	METHYL-T-BUTYL ETHER	300	U	UG/KG
TRVB7VB6-01(8.5-9)	SOIL	PAH	ACENAPHTHENE	5900	U	UG/KG
TRVB7VB6-01(8.5-9)	SOIL	PAH	ACENAPHTHYLENE	2400	U	UG/KG
TRVB7VB6-01(8.5-9)	SOIL	PAH	ANTHRACENE	2600		UG/KG
TRVB7VB6-01(8.5-9)	SOIL	PAH	BENZO(A)ANTHRACENE	20200		UG/KG
TRVB7VB6-01(8.5-9)	SOIL	PAH	BENZO(A)PYRENE	240	U	UG/KG
TRVB7VB6-01(8.5-9)	SOIL	PAH	BENZO(B)FLUORANTHENE	240	U	UG/KG
TRVB7VB6-01(8.5-9)	SOIL	PAH	BENZO(G,H,I)PERYLENE	2000		UG/KG
TRVB7VB6-01(8.5-9)	SOIL	PAH	BENZO(K)FLUORANTHENE	240	U	UG/KG
TRVB7VB6-01(8.5-9)	SOIL	PAH	CHRYSENE	3600		UG/KG
TRVB7VB6-01(8.5-9)	SOIL	PAH	DIBENZO(A,H)ANTHRACENE	590	U	UG/KG
TRVB7VB6-01(8.5-9)	SOIL	PAH	FLUORANTHENE	240	U	UG/KG
TRVB7VB6-01(8.5-9)	SOIL	PAH	FLUORENE	4400		UG/KG
TRVB7VB6-01(8.5-9)	SOIL	PAH	INDENO(1,2,3-CD)PYRENE	240	U	UG/KG
TRVB7VB6-01(8.5-9)	SOIL	PAH	2-METHYLNAPHTHALENE	27000		UG/KG
TRVB7VB6-01(8.5-9)	SOIL	PAH	NAPHTHALENE	5900	U	UG/KG
TRVB7VB6-01(8.5-9)	SOIL	PAH	PHENANTHRENE	10700		UG/KG
TRVB7VB6-01(8.5-9)	SOIL	PAH	PYRENE	52100		UG/KG
TRVB7VB6-01(8.5-9)	SOIL	PAH	1-METHYLNAPHTHALENE	76000		UG/KG
TRVB7VB6-01(8.5-9)	SOIL	PCTMST	PERCENT MOISTURE	15.8		%MST
TRVB7VB6-01(8.5-9)	SOIL	PH	PH	6.91		
TRVB7VB6-01(8.5-9)	SOIL	TPHEXT	JP5 RANGE ORGANICS	1200	U	MG/KG
TRVB7VB6-01(8.5-9)	SOIL	TPHEXT	DIESEL RANGE ORGANICS	1200	U	MG/KG
TRVB7VB6-01(8.5-9)	SOIL	TPHEXT	MOTOR OIL RANGE ORGANICS	1200	U	MG/KG
TRVB7VB6-01(8.5-9)	SOIL	TPHEXT	TPH - BUNKER FUEL (C10-C28)	7600		MG/KG
TRVB7VB6-01(8.5-9)	SOIL	TPHEXT	TPH - DIESEL F-76 (C8-C28)	1200	U	MG/KG
TRVB7VB6-01(8.5-9)	SOIL	TPHPRG	GASOLINE RANGE ORGANICS	71	Z	MG/KG

TABLE D-2 (CONTINUED)
NFD POINT MOLATE
PHASE I CHARACTERIZATION OF USTs AND FUEL PIPELINES
INTERIM SUMMARY MEMORANDUM
SOIL AND GROUNDWATER ANALYTICAL RESULTS FROM EXCAVATIONS AT FUEL PIPELINES AND VALVE BOXES

SAMPLE ID	SAMPLE MEDIA	ANALYTE GROUP	ANALYTE	CONCENTRATION	QUALIFIER	UNITS
TRVB22VB21-01(5-6)	SOIL	AROMV	BENZENE	5.5	U	UG/KG
TRVB22VB21-01(5-6)	SOIL	AROMV	ETHYLBENZENE	5.5	U	UG/KG
TRVB22VB21-01(5-6)	SOIL	AROMV	TOLUENE	5.5	U	UG/KG
TRVB22VB21-01(5-6)	SOIL	AROMV	XYLENE (TOTAL)	11	U	UG/KG
TRVB22VB21-01(5-6)	SOIL	AROMV	METHYL-T-BUTYL ETHER	27	U	UG/KG
TRVB22VB21-01(5-6)	SOIL	PAH	ACENAPHTHENE	1400	U	UG/KG
TRVB22VB21-01(5-6)	SOIL	PAH	ACENAPHTHYLENE	550	U	UG/KG
TRVB22VB21-01(5-6)	SOIL	PAH	ANTHRACENE	55	U	UG/KG
TRVB22VB21-01(5-6)	SOIL	PAH	BENZO(A)ANTHRACENE	150		UG/KG
TRVB22VB21-01(5-6)	SOIL	PAH	BENZO(A)PYRENE	55	U	UG/KG
TRVB22VB21-01(5-6)	SOIL	PAH	BENZO(B)FLUORANTHENE	80		UG/KG
TRVB22VB21-01(5-6)	SOIL	PAH	BENZO(G,H,I)PERYLENE	730		UG/KG
TRVB22VB21-01(5-6)	SOIL	PAH	BENZO(K)FLUORANTHENE	44	J	UG/KG
TRVB22VB21-01(5-6)	SOIL	PAH	CHRYSENE	80		UG/KG
TRVB22VB21-01(5-6)	SOIL	PAH	DIBENZO(A,H)ANTHRACENE	320		UG/KG
TRVB22VB21-01(5-6)	SOIL	PAH	FLUORANTHENE	80		UG/KG
TRVB22VB21-01(5-6)	SOIL	PAH	FLUORENE	55	U	UG/KG
TRVB22VB21-01(5-6)	SOIL	PAH	INDENO(1,2,3-CD)PYRENE	290		UG/KG
TRVB22VB21-01(5-6)	SOIL	PAH	2-METHYLNAPHTHALENE	1400	U	UG/KG
TRVB22VB21-01(5-6)	SOIL	PAH	NAPHTHALENE	1400	U	UG/KG
TRVB22VB21-01(5-6)	SOIL	PAH	PHENANTHRENE	60		UG/KG
TRVB22VB21-01(5-6)	SOIL	PAH	PYRENE	55	U	UG/KG
TRVB22VB21-01(5-6)	SOIL	PAH	1-METHYLNAPHTHALENE	1400	U	UG/KG
TRVB22VB21-01(5-6)	SOIL	PCTMST	PERCENT MOISTURE	8.5		%MST
TRVB22VB21-01(5-6)	SOIL	PH	PH	6.97		
TRVB22VB21-01(5-6)	SOIL	TPHEXT	JP5 RANGE ORGANICS	55	U	MG/KG
TRVB22VB21-01(5-6)	SOIL	TPHEXT	DIESEL RANGE ORGANICS	55	U	MG/KG
TRVB22VB21-01(5-6)	SOIL	TPHEXT	MOTOR OIL RANGE ORGANICS	290	Y	MG/KG
TRVB22VB21-01(5-6)	SOIL	TPHEXT	TPH - BUNKER FUEL (C10-C28)	55	U	MG/KG
TRVB22VB21-01(5-6)	SOIL	TPHEXT	TPH - DIESEL F-76 (C8-C28)	55	U	MG/KG
TRVB22VB21-01(5-6)	SOIL	TPHPRG	GASOLINE RANGE ORGANICS	1.1	U	MG/KG
TRT11VB24(10)	SOIL	AROMV	BENZENE	5.6	U	UG/KG
TRT11VB24(10)	SOIL	AROMV	ETHYLBENZENE	5.6	U	UG/KG
TRT11VB24(10)	SOIL	AROMV	TOLUENE	5.6	U	UG/KG
TRT11VB24(10)	SOIL	AROMV	XYLENE (TOTAL)	11	U	UG/KG

TABLE D-2 (CONTINUED)
NFD POINT MOLATE
PHASE I CHARACTERIZATION OF USTs AND FUEL PIPELINES
INTERIM SUMMARY MEMORANDUM
SOIL AND GROUNDWATER ANALYTICAL RESULTS FROM EXCAVATIONS AT FUEL PIPELINES AND VALVE BOXES

SAMPLE ID	SAMPLE MEDIA	ANALYTE GROUP	ANALYTE	CONCENTRATION	QUALIFIER	UNITS
TRT11VB24(10)	SOIL	AROMV	METHYL-T-BUTYL ETHER	28	U	UG/KG
TRT11VB24(10)	SOIL	PAH	FLUORENE	4.5	U	UG/KG
TRT11VB24(10)	SOIL	PAH	INDENO(1,2,3-CD)PYRENE	4.5	U	UG/KG
TRT11VB24(10)	SOIL	PAH	2-METHYLNAPHTHALENE	110	U	UG/KG
TRT11VB24(10)	SOIL	PAH	NAPHTHALENE	110	U	UG/KG
TRT11VB24(10)	SOIL	PAH	PHENANTHRENE	4	J	UG/KG
TRT11VB24(10)	SOIL	PAH	PYRENE	2		UG/KG
TRT11VB24(10)	SOIL	PAH	1-METHYLNAPHTHALENE	110	U	UG/KG
TRT11VB24(10)	SOIL	PAH	ACENAPHTHENE	110	U	UG/KG
TRT11VB24(10)	SOIL	PAH	ACENAPHTHYLENE	45	U	UG/KG
TRT11VB24(10)	SOIL	PAH	ANTHRACENE	4.5	U	UG/KG
TRT11VB24(10)	SOIL	PAH	BENZO(A)ANTHRACENE	11		UG/KG
TRT11VB24(10)	SOIL	PAH	BENZO(A)PYRENE	4.5	U	UG/KG
TRT11VB24(10)	SOIL	PAH	BENZO(B)FLUORANTHENE	8		UG/KG
TRT11VB24(10)	SOIL	PAH	BENZO(G,H,I)PERYLENE	64		UG/KG
TRT11VB24(10)	SOIL	PAH	BENZO(K)FLUORANTHENE	4.5	U	UG/KG
TRT11VB24(10)	SOIL	PAH	CHRYSENE	4.5	U	UG/KG
TRT11VB24(10)	SOIL	PAH	DIBENZO(A,H)ANTHRACENE	11	U	UG/KG
TRT11VB24(10)	SOIL	PAH	FLUORANTHENE	6		UG/KG
TRT11VB24(10)	SOIL	PCTMST	PERCENT MOISTURE	11		%MST
TRT11VB24(10)	SOIL	PH	PH	6.31		
TRT11VB24(10)	SOIL	TPHEXT	JP5 RANGE ORGANICS	11	U	MG/KG
TRT11VB24(10)	SOIL	TPHEXT	DIESEL RANGE ORGANICS	11	U	MG/KG
TRT11VB24(10)	SOIL	TPHEXT	MOTOR OIL RANGE ORGANICS	28	Y	MG/KG
TRT11VB24(10)	SOIL	TPHEXT	TPH - BUNKER FUEL (C10-C28)	11	U	MG/KG
TRT11VB24(10)	SOIL	TPHEXT	TPH - DIESEL F-76 (C8-C28)	11	U	MG/KG
TRT11VB24(10)	SOIL	TPHPRG	GASOLINE RANGE ORGANICS	1.1	U	MG/KG
TRVB21VB20-01(8-8.5)	SOIL	AROMV	BENZENE	6	U	UG/KG
TRVB21VB20-01(8-8.5)	SOIL	AROMV	ETHYLBENZENE	6	U	UG/KG
TRVB21VB20-01(8-8.5)	SOIL	AROMV	TOLUENE	6	U	UG/KG
TRVB21VB20-01(8-8.5)	SOIL	AROMV	XYLENE (TOTAL)	12	U	UG/KG
TRVB21VB20-01(8-8.5)	SOIL	AROMV	METHYL-T-BUTYL ETHER	30	U	UG/KG
TRVB21VB20-01(8-8.5)	SOIL	PAH	ACENAPHTHYLENE	120	U	UG/KG
TRVB21VB20-01(8-8.5)	SOIL	PAH	ANTHRACENE	12	U	UG/KG
TRVB21VB20-01(8-8.5)	SOIL	PAH	BENZO(A)ANTHRACENE	12	U	UG/KG

TABLE D-2 (CONTINUED)
NFD POINT MOLATE
PHASE I CHARACTERIZATION OF USTs AND FUEL PIPELINES
INTERIM SUMMARY MEMORANDUM
SOIL AND GROUNDWATER ANALYTICAL RESULTS FROM EXCAVATIONS AT FUEL PIPELINES AND VALVE BOXES

SAMPLE ID	SAMPLE MEDIA	ANALYTE GROUP	ANALYTE	CONCENTRATION	QUALIFIER	UNITS
TRVB21VB20-01(8-8.5)	SOIL	PAH	BENZO(A)PYRENE	12	U	UG/KG
TRVB21VB20-01(8-8.5)	SOIL	PAH	BENZO(B)FLUORANTHENE	9	J	UG/KG
TRVB21VB20-01(8-8.5)	SOIL	PAH	BENZO(G,H,I)PERYLENE	12	U	UG/KG
TRVB21VB20-01(8-8.5)	SOIL	PAH	BENZO(K)FLUORANTHENE	12	U	UG/KG
TRVB21VB20-01(8-8.5)	SOIL	PAH	CHRYSENE	79		UG/KG
TRVB21VB20-01(8-8.5)	SOIL	PAH	DIBENZO(A,H)ANTHRACENE	30	U	UG/KG
TRVB21VB20-01(8-8.5)	SOIL	PAH	FLUORANTHENE	20		UG/KG
TRVB21VB20-01(8-8.5)	SOIL	PAH	FLUORENE	12	U	UG/KG
TRVB21VB20-01(8-8.5)	SOIL	PAH	INDENO(1,2,3-CD)PYRENE	12	U	UG/KG
TRVB21VB20-01(8-8.5)	SOIL	PAH	2-METHYLNAPHTHALENE	300	U	UG/KG
TRVB21VB20-01(8-8.5)	SOIL	PAH	NAPHTHALENE	300	U	UG/KG
TRVB21VB20-01(8-8.5)	SOIL	PAH	PHENANTHRENE	12	U	UG/KG
TRVB21VB20-01(8-8.5)	SOIL	PAH	PYRENE	12	U	UG/KG
TRVB21VB20-01(8-8.5)	SOIL	PAH	1-METHYLNAPHTHALENE	1200		UG/KG
TRVB21VB20-01(8-8.5)	SOIL	PAH	ACENAPHTHENE	300	U	UG/KG
TRVB21VB20-01(8-8.5)	SOIL	PCTMST	PERCENT MOISTURE	16.2		%MST
TRVB21VB20-01(8-8.5)	SOIL	PH	PH	8.24		
TRVB21VB20-01(8-8.5)	SOIL	TPHEXT	JP5 RANGE ORGANICS	60	U	MG/KG
TRVB21VB20-01(8-8.5)	SOIL	TPHEXT	DIESEL RANGE ORGANICS	60	U	MG/KG
TRVB21VB20-01(8-8.5)	SOIL	TPHEXT	MOTOR OIL RANGE ORGANICS	190	Y	MG/KG
TRVB21VB20-01(8-8.5)	SOIL	TPHEXT	TPH - BUNKER FUEL (C10-C28)	60	U	MG/KG
TRVB21VB20-01(8-8.5)	SOIL	TPHEXT	TPH - DIESEL F-76 (C8-C28)	60	U	MG/KG
TRVB21VB20-01(8-8.5)	SOIL	TPHPRG	GASOLINE RANGE ORGANICS	1.2	U	MG/KG
TRVB24VB23-01(7-7.5)	SOIL	AROMV	METHYL-T-BUTYL ETHER	28	U	UG/KG
TRVB24VB23-01(7-7.5)	SOIL	AROMV	BENZENE	5.7	U	UG/KG
TRVB24VB23-01(7-7.5)	SOIL	AROMV	ETHYLBENZENE	5.7	U	UG/KG
TRVB24VB23-01(7-7.5)	SOIL	AROMV	TOLUENE	5.7	U	UG/KG
TRVB24VB23-01(7-7.5)	SOIL	AROMV	XYLENE (TOTAL)	11	U	UG/KG
TRVB24VB23-01(7-7.5)	SOIL	PAH	ACENAPHTHENE	57	U	UG/KG
TRVB24VB23-01(7-7.5)	SOIL	PAH	ACENAPHTHYLENE	23	U	UG/KG
TRVB24VB23-01(7-7.5)	SOIL	PAH	ANTHRACENE	2.3	U	UG/KG
TRVB24VB23-01(7-7.5)	SOIL	PAH	BENZO(A)ANTHRACENE	2.3	U	UG/KG
TRVB24VB23-01(7-7.5)	SOIL	PAH	BENZO(A)PYRENE	2.3	U	UG/KG
TRVB24VB23-01(7-7.5)	SOIL	PAH	BENZO(B)FLUORANTHENE	2.3	U	UG/KG
TRVB24VB23-01(7-7.5)	SOIL	PAH	BENZO(G,H,I)PERYLENE	2.3	U	UG/KG

TABLE D-2 (CONTINUED)
NFD POINT MOLATE
PHASE I CHARACTERIZATION OF USTs AND FUEL PIPELINES
INTERIM SUMMARY MEMORANDUM
SOIL AND GROUNDWATER ANALYTICAL RESULTS FROM EXCAVATIONS AT FUEL PIPELINES AND VALVE BOXES

SAMPLE ID	SAMPLE MEDIA	ANALYTE GROUP	ANALYTE	CONCENTRATION	QUALIFIER	UNITS
TRVB24VB23-01(7-7.5)	SOIL	PAH	BENZO(K)FLUORANTHENE	2.3	U	UG/KG
TRVB24VB23-01(7-7.5)	SOIL	PAH	CHRYSENE	2.3	U	UG/KG
TRVB24VB23-01(7-7.5)	SOIL	PAH	DIBENZO(A,H)ANTHRACENE	5.7	U	UG/KG
TRVB24VB23-01(7-7.5)	SOIL	PAH	FLUORANTHENE	2.3	U	UG/KG
TRVB24VB23-01(7-7.5)	SOIL	PAH	FLUORENE	2.3	U	UG/KG
TRVB24VB23-01(7-7.5)	SOIL	PAH	INDENO(1,2,3-CD)PYRENE	2.3	U	UG/KG
TRVB24VB23-01(7-7.5)	SOIL	PAH	2-METHYLNAPHTHALENE	57	U	UG/KG
TRVB24VB23-01(7-7.5)	SOIL	PAH	NAPHTHALENE	57	U	UG/KG
TRVB24VB23-01(7-7.5)	SOIL	PAH	PHENANTHRENE	2.3	U	UG/KG
TRVB24VB23-01(7-7.5)	SOIL	PAH	PYRENE	2.3	U	UG/KG
TRVB24VB23-01(7-7.5)	SOIL	PAH	1-METHYLNAPHTHALENE	57	U	UG/KG
TRVB24VB23-01(7-7.5)	SOIL	PCTMST	PERCENT MOISTURE	11.6		%MST
TRVB24VB23-01(7-7.5)	SOIL	TPHEXT	JP5 RANGE ORGANICS	11	U	MG/KG
TRVB24VB23-01(7-7.5)	SOIL	TPHEXT	DIESEL RANGE ORGANICS	11	U	MG/KG
TRVB24VB23-01(7-7.5)	SOIL	TPHEXT	MOTOR OIL RANGE ORGANICS	7	JZ	MG/KG
TRVB24VB23-01(7-7.5)	SOIL	TPHEXT	TPH - BUNKER FUEL (C10-C28)	11	U	MG/KG
TRVB24VB23-01(7-7.5)	SOIL	TPHEXT	TPH - DIESEL F-76 (C8-C28)	11	U	MG/KG
TRVB24VB23-01(7-7.5)	SOIL	TPHPRG	GASOLINE RANGE ORGANICS	1.1	U	MG/KG
TRT23VB30(8.5-9)	SOIL	AROMV	BENZENE	5.8	U	UG/KG
TRT23VB30(8.5-9)	SOIL	AROMV	ETHYLBENZENE	5.8	U	UG/KG
TRT23VB30(8.5-9)	SOIL	AROMV	TOLUENE	5.8	U	UG/KG
TRT23VB30(8.5-9)	SOIL	AROMV	XYLENE (TOTAL)	12	U	UG/KG
TRT23VB30(8.5-9)	SOIL	AROMV	METHYL-T-BUTYL ETHER	29	U	UG/KG
TRT23VB30(8.5-9)	SOIL	PAH	ACENAPHTHENE	58	U	UG/KG
TRT23VB30(8.5-9)	SOIL	PAH	ACENAPHTHYLENE	23	U	UG/KG
TRT23VB30(8.5-9)	SOIL	PAH	ANTHRACENE	2.3	U	UG/KG
TRT23VB30(8.5-9)	SOIL	PAH	BENZO(A)ANTHRACENE	2.3	U	UG/KG
TRT23VB30(8.5-9)	SOIL	PAH	BENZO(A)PYRENE	2.3	U	UG/KG
TRT23VB30(8.5-9)	SOIL	PAH	BENZO(B)FLUORANTHENE	2.3	U	UG/KG
TRT23VB30(8.5-9)	SOIL	PAH	BENZO(G,H,I)PERYLENE	2.3	U	UG/KG
TRT23VB30(8.5-9)	SOIL	PAH	BENZO(K)FLUORANTHENE	2.3	U	UG/KG
TRT23VB30(8.5-9)	SOIL	PAH	CHRYSENE	2.3	U	UG/KG
TRT23VB30(8.5-9)	SOIL	PAH	DIBENZO(A,H)ANTHRACENE	5.8	U	UG/KG
TRT23VB30(8.5-9)	SOIL	PAH	FLUORANTHENE	2.3	U	UG/KG
TRT23VB30(8.5-9)	SOIL	PAH	FLUORENE	2.3	U	UG/KG

TABLE D-2 (CONTINUED)
NFD POINT MOLATE
PHASE I CHARACTERIZATION OF USTs AND FUEL PIPELINES
INTERIM SUMMARY MEMORANDUM
SOIL AND GROUNDWATER ANALYTICAL RESULTS FROM EXCAVATIONS AT FUEL PIPELINES AND VALVE BOXES

SAMPLE ID	SAMPLE MEDIA	ANALYTE GROUP	ANALYTE	CONCENTRATION	QUALIFIER	UNITS
TRT23VB30(8.5-9)	SOIL	PAH	INDENO(1,2,3-CD)PYRENE	2.3	U	UG/KG
TRT23VB30(8.5-9)	SOIL	PAH	2-METHYLNAPHTHALENE	58	U	UG/KG
TRT23VB30(8.5-9)	SOIL	PAH	NAPHTHALENE	58	U	UG/KG
TRT23VB30(8.5-9)	SOIL	PAH	PHENANTHRENE	2.3	U	UG/KG
TRT23VB30(8.5-9)	SOIL	PAH	PYRENE	2.3	U	UG/KG
TRT23VB30(8.5-9)	SOIL	PAH	1-METHYLNAPHTHALENE	58	U	UG/KG
TRT23VB30(8.5-9)	SOIL	PCTMST	PERCENT MOISTURE	14		%MST
TRT23VB30(8.5-9)	SOIL	TMETAL	LEAD	16.9		MG/KG
TRT23VB30(8.5-9)	SOIL	TPHEXT	JP5 RANGE ORGANICS	12	U	MG/KG
TRT23VB30(8.5-9)	SOIL	TPHEXT	DIESEL RANGE ORGANICS	12	U	MG/KG
TRT23VB30(8.5-9)	SOIL	TPHEXT	MOTOR OIL RANGE ORGANICS	12	U	MG/KG
TRT23VB30(8.5-9)	SOIL	TPHEXT	TPH - BUNKER FUEL (C10-C28)	12	U	MG/KG
TRT23VB30(8.5-9)	SOIL	TPHEXT	TPH - DIESEL F-76 (C8-C28)	12	U	MG/KG
TRT23VB30(8.5-9)	SOIL	TPHPRG	GASOLINE RANGE ORGANICS	1.2	U	MG/KG
TRT23VB30(8.5-9)	SOIL	VOA	ACETONE	2	JB	UG/KG
TRT23VB30(8.5-9)	SOIL	VOA	BENZENE	12	U	UG/KG
TRT23VB30(8.5-9)	SOIL	VOA	BROMOMETHANE	12	U	UG/KG
TRT23VB30(8.5-9)	SOIL	VOA	BROMOFORM	12	U	UG/KG
TRT23VB30(8.5-9)	SOIL	VOA	2-BUTANONE	12	U	UG/KG
TRT23VB30(8.5-9)	SOIL	VOA	CARBON TETRACHLORIDE	12	U	UG/KG
TRT23VB30(8.5-9)	SOIL	VOA	CARBON DISULFIDE	12	U	UG/KG
TRT23VB30(8.5-9)	SOIL	VOA	CHLOROBENZENE	12	U	UG/KG
TRT23VB30(8.5-9)	SOIL	VOA	CHLOROETHANE	12	U	UG/KG
TRT23VB30(8.5-9)	SOIL	VOA	CHLOROFORM	12	U	UG/KG
TRT23VB30(8.5-9)	SOIL	VOA	CHLOROMETHANE	12	U	UG/KG
TRT23VB30(8.5-9)	SOIL	VOA	CIS-1,3-DICHLOROPROPENE	12	U	UG/KG
TRT23VB30(8.5-9)	SOIL	VOA	1,1-DICHLOROETHANE	12	U	UG/KG
TRT23VB30(8.5-9)	SOIL	VOA	1,2-DICHLOROETHANE	12	U	UG/KG
TRT23VB30(8.5-9)	SOIL	VOA	1,1-DICHLOROETHENE	12	U	UG/KG
TRT23VB30(8.5-9)	SOIL	VOA	1,2-DICHLOROETHENE (TOTAL)	12	U	UG/KG
TRT23VB30(8.5-9)	SOIL	VOA	1,2-DICHLOROPROPANE	12	U	UG/KG
TRT23VB30(8.5-9)	SOIL	VOA	DIBROMOCHLOROMETHANE	12	U	UG/KG
TRT23VB30(8.5-9)	SOIL	VOA	BROMODICHLOROMETHANE	12	U	UG/KG
TRT23VB30(8.5-9)	SOIL	VOA	ETHYLBENZENE	12	U	UG/KG
TRT23VB30(8.5-9)	SOIL	VOA	2-HEXANONE	12	U	UG/KG

TABLE D-2 (CONTINUED)
NFD POINT MOLATE
PHASE I CHARACTERIZATION OF USTs AND FUEL PIPELINES
INTERIM SUMMARY MEMORANDUM
SOIL AND GROUNDWATER ANALYTICAL RESULTS FROM EXCAVATIONS AT FUEL PIPELINES AND VALVE BOXES

SAMPLE ID	SAMPLE MEDIA	ANALYTE GROUP	ANALYTE	CONCENTRATION	QUALIFIER	UNITS
TRT23VB30(8.5-9)	SOIL	VOA	4-METHYL-2-PENTANONE	12	U	UG/KG
TRT23VB30(8.5-9)	SOIL	VOA	METHYLENE CHLORIDE	2	J	UG/KG
TRT23VB30(8.5-9)	SOIL	VOA	TETRACHLOROETHENE	12	U	UG/KG
TRT23VB30(8.5-9)	SOIL	VOA	STYRENE	12	U	UG/KG
TRT23VB30(8.5-9)	SOIL	VOA	1,1,1-TRICHLOROETHANE	12	U	UG/KG
TRT23VB30(8.5-9)	SOIL	VOA	1,1,2-TRICHLOROETHANE	12	U	UG/KG
TRT23VB30(8.5-9)	SOIL	VOA	TRICHLOROETHENE	12	U	UG/KG
TRT23VB30(8.5-9)	SOIL	VOA	1,1,2,2-TETRACHLOROETHANE	12	U	UG/KG
TRT23VB30(8.5-9)	SOIL	VOA	TOLUENE	12	U	UG/KG
TRT23VB30(8.5-9)	SOIL	VOA	TRANS-1,3-DICHLOROPROPENE	12	U	UG/KG
TRT23VB30(8.5-9)	SOIL	VOA	VINYL CHLORIDE	12	U	UG/KG
TRT23VB30(8.5-9)	SOIL	VOA	XYLENE (TOTAL)	12	U	UG/KG
TRT24VB32(7.5-8.5)	SOIL	AROMV	BENZENE	5.9	U	UG/KG
TRT24VB32(7.5-8.5)	SOIL	AROMV	ETHYLBENZENE	5.9	U	UG/KG
TRT24VB32(7.5-8.5)	SOIL	AROMV	TOLUENE	5.9	U	UG/KG
TRT24VB32(7.5-8.5)	SOIL	AROMV	XYLENE (TOTAL)	12	U	UG/KG
TRT24VB32(7.5-8.5)	SOIL	AROMV	METHYL-T-BUTYL ETHER	29	U	UG/KG
TRT24VB32(7.5-8.5)	SOIL	PAH	ACENAPHTHENE	59	U	UG/KG
TRT24VB32(7.5-8.5)	SOIL	PAH	ACENAPHTHYLENE	24	U	UG/KG
TRT24VB32(7.5-8.5)	SOIL	PAH	ANTHRACENE	2.4	U	UG/KG
TRT24VB32(7.5-8.5)	SOIL	PAH	BENZO(A)ANTHRACENE	2.4	U	UG/KG
TRT24VB32(7.5-8.5)	SOIL	PAH	BENZO(A)PYRENE	2.4	U	UG/KG
TRT24VB32(7.5-8.5)	SOIL	PAH	BENZO(B)FLUORANTHENE	2.4	U	UG/KG
TRT24VB32(7.5-8.5)	SOIL	PAH	BENZO(G,H,I)PERYLENE	2.4	U	UG/KG
TRT24VB32(7.5-8.5)	SOIL	PAH	BENZO(K)FLUORANTHENE	2.4	U	UG/KG
TRT24VB32(7.5-8.5)	SOIL	PAH	CHRYSENE	2.4	U	UG/KG
TRT24VB32(7.5-8.5)	SOIL	PAH	DIBENZO(A,H)ANTHRACENE	5.9	U	UG/KG
TRT24VB32(7.5-8.5)	SOIL	PAH	FLUORANTHENE	2.4	U	UG/KG
TRT24VB32(7.5-8.5)	SOIL	PAH	FLUORENE	2.4	U	UG/KG
TRT24VB32(7.5-8.5)	SOIL	PAH	INDENO(1,2,3-CD)PYRENE	2.4	U	UG/KG
TRT24VB32(7.5-8.5)	SOIL	PAH	2-METHYLNAPHTHALENE	59	U	UG/KG
TRT24VB32(7.5-8.5)	SOIL	PAH	NAPHTHALENE	59	U	UG/KG
TRT24VB32(7.5-8.5)	SOIL	PAH	PHENANTHRENE	2.4	U	UG/KG
TRT24VB32(7.5-8.5)	SOIL	PAH	PYRENE	2.4	U	UG/KG
TRT24VB32(7.5-8.5)	SOIL	PAH	1-METHYLNAPHTHALENE	59	U	UG/KG

TABLE D-2 (CONTINUED)
NFD POINT MOLATE
PHASE I CHARACTERIZATION OF USTs AND FUEL PIPELINES
INTERIM SUMMARY MEMORANDUM
SOIL AND GROUNDWATER ANALYTICAL RESULTS FROM EXCAVATIONS AT FUEL PIPELINES AND VALVE BOXES

SAMPLE ID	SAMPLE MEDIA	ANALYTE GROUP	ANALYTE	CONCENTRATION	QUALIFIER	UNITS
TRT24VB32(7.5-8.5)	SOIL	PCTMST	PERCENT MOISTURE	15.2		%MST
TRT24VB32(7.5-8.5)	SOIL	TMETAL	LEAD	14.7		MG/KG
TRT24VB32(7.5-8.5)	SOIL	TPHEXT	TPH - BUNKER FUEL (C10-C28)	12	U	MG/KG
TRT24VB32(7.5-8.5)	SOIL	TPHEXT	TPH - DIESEL F-76 (C8-C28)	12	U	MG/KG
TRT24VB32(7.5-8.5)	SOIL	TPHEXT	MOTOR OIL RANGE ORGANICS	8	J	MG/KG
TRT24VB32(7.5-8.5)	SOIL	TPHEXT	JP5 RANGE ORGANICS	12	U	MG/KG
TRT24VB32(7.5-8.5)	SOIL	TPHEXT	DIESEL RANGE ORGANICS	12	U	MG/KG
TRT24VB32(7.5-8.5)	SOIL	TPHPRG	GASOLINE RANGE ORGANICS	1.2	U	MG/KG
TRT24VB32(7.5-8.5)	SOIL	VOA	ACETONE	2	JB	UG/KG
TRT24VB32(7.5-8.5)	SOIL	VOA	BENZENE	12	U	UG/KG
TRT24VB32(7.5-8.5)	SOIL	VOA	BROMOMETHANE	12	U	UG/KG
TRT24VB32(7.5-8.5)	SOIL	VOA	BROMOFORM	12	U	UG/KG
TRT24VB32(7.5-8.5)	SOIL	VOA	2-BUTANONE	12	U	UG/KG
TRT24VB32(7.5-8.5)	SOIL	VOA	CARBON TETRACHLORIDE	12	U	UG/KG
TRT24VB32(7.5-8.5)	SOIL	VOA	CARBON DISULFIDE	12	U	UG/KG
TRT24VB32(7.5-8.5)	SOIL	VOA	CHLOROBENZENE	12	U	UG/KG
TRT24VB32(7.5-8.5)	SOIL	VOA	CHLOROETHANE	12	U	UG/KG
TRT24VB32(7.5-8.5)	SOIL	VOA	CHLOROFORM	12	U	UG/KG
TRT24VB32(7.5-8.5)	SOIL	VOA	CHLOROMETHANE	12	U	UG/KG
TRT24VB32(7.5-8.5)	SOIL	VOA	CIS-1,3-DICHLOROPROPENE	12	U	UG/KG
TRT24VB32(7.5-8.5)	SOIL	VOA	1,1-DICHLOROETHANE	12	U	UG/KG
TRT24VB32(7.5-8.5)	SOIL	VOA	1,2-DICHLOROETHANE	12	U	UG/KG
TRT24VB32(7.5-8.5)	SOIL	VOA	1,1-DICHLOROETHENE	12	U	UG/KG
TRT24VB32(7.5-8.5)	SOIL	VOA	1,2-DICHLOROETHENE (TOTAL)	12	U	UG/KG
TRT24VB32(7.5-8.5)	SOIL	VOA	1,2-DICHLOROPROPANE	12	U	UG/KG
TRT24VB32(7.5-8.5)	SOIL	VOA	DIBROMOCHLOROMETHANE	12	U	UG/KG
TRT24VB32(7.5-8.5)	SOIL	VOA	BROMODICHLOROMETHANE	12	U	UG/KG
TRT24VB32(7.5-8.5)	SOIL	VOA	ETHYLBENZENE	12	U	UG/KG
TRT24VB32(7.5-8.5)	SOIL	VOA	2-HEXANONE	12	U	UG/KG
TRT24VB32(7.5-8.5)	SOIL	VOA	4-METHYL-2-PENTANONE	12	U	UG/KG
TRT24VB32(7.5-8.5)	SOIL	VOA	METHYLENE CHLORIDE	2	J	UG/KG
TRT24VB32(7.5-8.5)	SOIL	VOA	TETRACHLOROETHENE	12	U	UG/KG
TRT24VB32(7.5-8.5)	SOIL	VOA	STYRENE	12	U	UG/KG
TRT24VB32(7.5-8.5)	SOIL	VOA	1,1,1-TRICHLOROETHANE	12	U	UG/KG
TRT24VB32(7.5-8.5)	SOIL	VOA	1,1,2-TRICHLOROETHANE	12	U	UG/KG

TABLE D-2 (CONTINUED)
NFD POINT MOLATE
PHASE I CHARACTERIZATION OF USTs AND FUEL PIPELINES
INTERIM SUMMARY MEMORANDUM
SOIL AND GROUNDWATER ANALYTICAL RESULTS FROM EXCAVATIONS AT FUEL PIPELINES AND VALVE BOXES

SAMPLE ID	SAMPLE MEDIA	ANALYTE GROUP	ANALYTE	CONCENTRATION	QUALIFIER	UNITS
TRT24VB32(7.5-8.5)	SOIL	VOA	TRICHLOROETHENE	12	U	UG/KG
TRT24VB32(7.5-8.5)	SOIL	VOA	1,1,2,2-TETRACHLOROETHANE	12	U	UG/KG
TRT24VB32(7.5-8.5)	SOIL	VOA	TOLUENE	12	U	UG/KG
TRT24VB32(7.5-8.5)	SOIL	VOA	TRANS-1,3-DICHLOROPROPENE	12	U	UG/KG
TRT24VB32(7.5-8.5)	SOIL	VOA	VINYL CHLORIDE	12	U	UG/KG
TRT24VB32(7.5-8.5)	SOIL	VOA	XYLENE (TOTAL)	12	U	UG/KG
TRT24VB31(8-9)	SOIL	AROMV	BENZENE	5.7	U	UG/KG
TRT24VB31(8-9)	SOIL	AROMV	ETHYLBENZENE	5.7	U	UG/KG
TRT24VB31(8-9)	SOIL	AROMV	TOLUENE	5.7	U	UG/KG
TRT24VB31(8-9)	SOIL	AROMV	XYLENE (TOTAL)	11	U	UG/KG
TRT24VB31(8-9)	SOIL	AROMV	METHYL-T-BUTYL ETHER	29	U	UG/KG
TRT24VB31(8-9)	SOIL	PAH	DIBENZO(A,H)ANTHRACENE	29	U	UG/KG
TRT24VB31(8-9)	SOIL	PAH	FLUORANTHENE	11	U	UG/KG
TRT24VB31(8-9)	SOIL	PAH	FLUORENE	11	U	UG/KG
TRT24VB31(8-9)	SOIL	PAH	INDENO(1,2,3-CD)PYRENE	11	U	UG/KG
TRT24VB31(8-9)	SOIL	PAH	2-METHYLNAPHTHALENE	290	U	UG/KG
TRT24VB31(8-9)	SOIL	PAH	NAPHTHALENE	290	U	UG/KG
TRT24VB31(8-9)	SOIL	PAH	PHENANTHRENE	11	U	UG/KG
TRT24VB31(8-9)	SOIL	PAH	PYRENE	11	U	UG/KG
TRT24VB31(8-9)	SOIL	PAH	1-METHYLNAPHTHALENE	290	U	UG/KG
TRT24VB31(8-9)	SOIL	PAH	CHRYSENE	7	J	UG/KG
TRT24VB31(8-9)	SOIL	PAH	ACENAPHTHENE	290	U	UG/KG
TRT24VB31(8-9)	SOIL	PAH	ACENAPHTHYLENE	110	U	UG/KG
TRT24VB31(8-9)	SOIL	PAH	ANTHRACENE	11	U	UG/KG
TRT24VB31(8-9)	SOIL	PAH	BENZO(A)ANTHRACENE	11	U	UG/KG
TRT24VB31(8-9)	SOIL	PAH	BENZO(A)PYRENE	11	U	UG/KG
TRT24VB31(8-9)	SOIL	PAH	BENZO(B)FLUORANTHENE	11	U	UG/KG
TRT24VB31(8-9)	SOIL	PAH	BENZO(G,H,I)PERYLENE	11	U	UG/KG
TRT24VB31(8-9)	SOIL	PAH	BENZO(K)FLUORANTHENE	11	U	UG/KG
TRT24VB31(8-9)	SOIL	PCTMST	PERCENT MOISTURE	12.3		%MST
TRT24VB31(8-9)	SOIL	TMETAL	LEAD	16.1		MG/KG
TRT24VB31(8-9)	SOIL	TPHEXT	JP5 RANGE ORGANICS	57	U	MG/KG
TRT24VB31(8-9)	SOIL	TPHEXT	DIESEL RANGE ORGANICS	57	U	MG/KG
TRT24VB31(8-9)	SOIL	TPHEXT	MOTOR OIL RANGE ORGANICS	470		MG/KG
TRT24VB31(8-9)	SOIL	TPHEXT	TPH - BUNKER FUEL (C10-C28)	57	U	MG/KG

TABLE D-2 (CONTINUED)
NFD POINT MOLATE
PHASE I CHARACTERIZATION OF USTs AND FUEL PIPELINES
INTERIM SUMMARY MEMORANDUM
SOIL AND GROUNDWATER ANALYTICAL RESULTS FROM EXCAVATIONS AT FUEL PIPELINES AND VALVE BOXES

SAMPLE ID	SAMPLE MEDIA	ANALYTE GROUP	ANALYTE	CONCENTRATION	QUALIFIER	UNITS
TRT24VB31(8-9)	SOIL	TPHEXT	TPH - DIESEL F-76 (C8-C28)	57	U	MG/KG
TRT24VB31(8-9)	SOIL	TPHPRG	GASOLINE RANGE ORGANICS	1.1	U	MG/KG
TRT24VB31(8-9)	SOIL	VOA	CHLOROFORM	11	U	UG/KG
TRT24VB31(8-9)	SOIL	VOA	CHLOROMETHANE	11	U	UG/KG
TRT24VB31(8-9)	SOIL	VOA	CIS-1,3-DICHLOROPROPENE	11	U	UG/KG
TRT24VB31(8-9)	SOIL	VOA	1,1-DICHLOROETHANE	11	U	UG/KG
TRT24VB31(8-9)	SOIL	VOA	1,2-DICHLOROETHANE	11	U	UG/KG
TRT24VB31(8-9)	SOIL	VOA	1,1-DICHLOROETHENE	11	U	UG/KG
TRT24VB31(8-9)	SOIL	VOA	1,2-DICHLOROETHENE (TOTAL)	11	U	UG/KG
TRT24VB31(8-9)	SOIL	VOA	1,2-DICHLOROPROPANE	11	U	UG/KG
TRT24VB31(8-9)	SOIL	VOA	DIBROMOCHLOROMETHANE	11	U	UG/KG
TRT24VB31(8-9)	SOIL	VOA	BROMODICHLOROMETHANE	11	U	UG/KG
TRT24VB31(8-9)	SOIL	VOA	ETHYLBENZENE	11	U	UG/KG
TRT24VB31(8-9)	SOIL	VOA	2-HEXANONE	11	U	UG/KG
TRT24VB31(8-9)	SOIL	VOA	4-METHYL-2-PENTANONE	11	U	UG/KG
TRT24VB31(8-9)	SOIL	VOA	METHYLENE CHLORIDE	2	J	UG/KG
TRT24VB31(8-9)	SOIL	VOA	TETRACHLOROETHENE	11	U	UG/KG
TRT24VB31(8-9)	SOIL	VOA	STYRENE	11	U	UG/KG
TRT24VB31(8-9)	SOIL	VOA	1,1,1-TRICHLOROETHANE	11	U	UG/KG
TRT24VB31(8-9)	SOIL	VOA	1,1,2-TRICHLOROETHANE	11	U	UG/KG
TRT24VB31(8-9)	SOIL	VOA	TRICHLOROETHENE	11	U	UG/KG
TRT24VB31(8-9)	SOIL	VOA	1,1,2,2-TETRACHLOROETHANE	11	U	UG/KG
TRT24VB31(8-9)	SOIL	VOA	TOLUENE	11	U	UG/KG
TRT24VB31(8-9)	SOIL	VOA	TRANS-1,3-DICHLOROPROPENE	11	U	UG/KG
TRT24VB31(8-9)	SOIL	VOA	VINYL CHLORIDE	11	U	UG/KG
TRT24VB31(8-9)	SOIL	VOA	XYLENE (TOTAL)	11	U	UG/KG
TRT24VB31(8-9)	SOIL	VOA	CHLOROETHANE	11	U	UG/KG
TRT24VB31(8-9)	SOIL	VOA	ACETONE	3	JB	UG/KG
TRT24VB31(8-9)	SOIL	VOA	BENZENE	11	U	UG/KG
TRT24VB31(8-9)	SOIL	VOA	BROMOMETHANE	11	U	UG/KG
TRT24VB31(8-9)	SOIL	VOA	BROMOFORM	11	U	UG/KG
TRT24VB31(8-9)	SOIL	VOA	2-BUTANONE	11	U	UG/KG
TRT24VB31(8-9)	SOIL	VOA	CARBON TETRACHLORIDE	11	U	UG/KG
TRT24VB31(8-9)	SOIL	VOA	CARBON DISULFIDE	11	U	UG/KG
TRT24VB31(8-9)	SOIL	VOA	CHLOROBENZENE	11	U	UG/KG

TABLE D-2 (CONTINUED)
NFD POINT MOLATE
PHASE I CHARACTERIZATION OF USTs AND FUEL PIPELINES
INTERIM SUMMARY MEMORANDUM
SOIL AND GROUNDWATER ANALYTICAL RESULTS FROM EXCAVATIONS AT FUEL PIPELINES AND VALVE BOXES

SAMPLE ID	SAMPLE MEDIA	ANALYTE GROUP	ANALYTE	CONCENTRATION	QUALIFIER	UNITS
TRT23VB33(10.5-11)	SOIL	AROMV	BENZENE	5.7	U	UG/KG
TRT23VB33(10.5-11)	SOIL	AROMV	ETHYLBENZENE	5.7	U	UG/KG
TRT23VB33(10.5-11)	SOIL	AROMV	TOLUENE	5.7	U	UG/KG
TRT23VB33(10.5-11)	SOIL	AROMV	XYLENE (TOTAL)	11	U	UG/KG
TRT23VB33(10.5-11)	SOIL	AROMV	METHYL-T-BUTYL ETHER	28	U	UG/KG
TRT23VB33(10.5-11)	SOIL	PAH	ACENAPHTHENE	57	U	UG/KG
TRT23VB33(10.5-11)	SOIL	PAH	ACENAPHTHYLENE	23	U	UG/KG
TRT23VB33(10.5-11)	SOIL	PAH	ANTHRACENE	2.3	U	UG/KG
TRT23VB33(10.5-11)	SOIL	PAH	BENZO(A)ANTHRACENE	2.3	U	UG/KG
TRT23VB33(10.5-11)	SOIL	PAH	BENZO(A)PYRENE	2.3	U	UG/KG
TRT23VB33(10.5-11)	SOIL	PAH	BENZO(B)FLUORANTHENE	2.3	U	UG/KG
TRT23VB33(10.5-11)	SOIL	PAH	BENZO(G,H,I)PERYLENE	2.3	U	UG/KG
TRT23VB33(10.5-11)	SOIL	PAH	BENZO(K)FLUORANTHENE	2.3	U	UG/KG
TRT23VB33(10.5-11)	SOIL	PAH	CHRYSENE	2.3	U	UG/KG
TRT23VB33(10.5-11)	SOIL	PAH	DIBENZO(A,H)ANTHRACENE	5.7	U	UG/KG
TRT23VB33(10.5-11)	SOIL	PAH	FLUORANTHENE	2.3	U	UG/KG
TRT23VB33(10.5-11)	SOIL	PAH	FLUORENE	2.3	U	UG/KG
TRT23VB33(10.5-11)	SOIL	PAH	INDENO(1,2,3-CD)PYRENE	2.3	U	UG/KG
TRT23VB33(10.5-11)	SOIL	PAH	2-METHYLNAPHTHALENE	57	U	UG/KG
TRT23VB33(10.5-11)	SOIL	PAH	NAPHTHALENE	57	U	UG/KG
TRT23VB33(10.5-11)	SOIL	PAH	PHENANTHRENE	2.3	U	UG/KG
TRT23VB33(10.5-11)	SOIL	PAH	PYRENE	2.3	U	UG/KG
TRT23VB33(10.5-11)	SOIL	PAH	1-METHYLNAPHTHALENE	57	U	UG/KG
TRT23VB33(10.5-11)	SOIL	PCTMST	PERCENT MOISTURE	11.7		%MST
TRT23VB33(10.5-11)	SOIL	TMETAL	LEAD	16.3		MG/KG
TRT23VB33(10.5-11)	SOIL	TPHEXT	JP5 RANGE ORGANICS	11	U	MG/KG
TRT23VB33(10.5-11)	SOIL	TPHEXT	DIESEL RANGE ORGANICS	11	U	MG/KG
TRT23VB33(10.5-11)	SOIL	TPHEXT	MOTOR OIL RANGE ORGANICS	11	U	MG/KG
TRT23VB33(10.5-11)	SOIL	TPHEXT	TPH - BUNKER FUEL (C10-C28)	11	U	MG/KG
TRT23VB33(10.5-11)	SOIL	TPHEXT	TPH - DIESEL F-76 (C8-C28)	11	U	MG/KG
TRT23VB33(10.5-11)	SOIL	TPHPRG	GASOLINE RANGE ORGANICS	1.1	U	MG/KG
TRT23VB33(10.5-11)	SOIL	VOA	1,2-DICHLOROETHENE (TOTAL)	11	U	UG/KG
TRT23VB33(10.5-11)	SOIL	VOA	1,2-DICHLOROPROPANE	11	U	UG/KG
TRT23VB33(10.5-11)	SOIL	VOA	DIBROMOCHLOROMETHANE	11	U	UG/KG
TRT23VB33(10.5-11)	SOIL	VOA	BROMODICHLOROMETHANE	11	U	UG/KG

TABLE D-2 (CONTINUED)
NFD POINT MOLATE
PHASE I CHARACTERIZATION OF USTs AND FUEL PIPELINES
INTERIM SUMMARY MEMORANDUM
SOIL AND GROUNDWATER ANALYTICAL RESULTS FROM EXCAVATIONS AT FUEL PIPELINES AND VALVE BOXES

SAMPLE ID	SAMPLE MEDIA	ANALYTE GROUP	ANALYTE	CONCENTRATION	QUALIFIER	UNITS
TRT23VB33(10.5-11)	SOIL	VOA	ETHYLBENZENE	11	U	UG/KG
TRT23VB33(10.5-11)	SOIL	VOA	2-HEXANONE	11	U	UG/KG
TRT23VB33(10.5-11)	SOIL	VOA	4-METHYL-2-PENTANONE	11	U	UG/KG
TRT23VB33(10.5-11)	SOIL	VOA	METHYLENE CHLORIDE	2	J	UG/KG
TRT23VB33(10.5-11)	SOIL	VOA	TETRACHLOROETHENE	11	U	UG/KG
TRT23VB33(10.5-11)	SOIL	VOA	STYRENE	11	U	UG/KG
TRT23VB33(10.5-11)	SOIL	VOA	1,1,1-TRICHLOROETHANE	11	U	UG/KG
TRT23VB33(10.5-11)	SOIL	VOA	1,1,2-TRICHLOROETHANE	11	U	UG/KG
TRT23VB33(10.5-11)	SOIL	VOA	TRICHLOROETHENE	11	U	UG/KG
TRT23VB33(10.5-11)	SOIL	VOA	1,1,2,2-TETRACHLOROETHANE	11	U	UG/KG
TRT23VB33(10.5-11)	SOIL	VOA	TOLUENE	11	U	UG/KG
TRT23VB33(10.5-11)	SOIL	VOA	TRANS-1,3-DICHLOROPROPENE	11	U	UG/KG
TRT23VB33(10.5-11)	SOIL	VOA	VINYL CHLORIDE	11	U	UG/KG
TRT23VB33(10.5-11)	SOIL	VOA	XYLENE (TOTAL)	11	U	UG/KG
TRT23VB33(10.5-11)	SOIL	VOA	1,1-DICHLOROETHENE	11	U	UG/KG
TRT23VB33(10.5-11)	SOIL	VOA	ACETONE	2	JB	UG/KG
TRT23VB33(10.5-11)	SOIL	VOA	BENZENE	11	U	UG/KG
TRT23VB33(10.5-11)	SOIL	VOA	BROMOMETHANE	11	U	UG/KG
TRT23VB33(10.5-11)	SOIL	VOA	BROMOFORM	11	U	UG/KG
TRT23VB33(10.5-11)	SOIL	VOA	2-BUTANONE	11	U	UG/KG
TRT23VB33(10.5-11)	SOIL	VOA	CARBON TETRACHLORIDE	11	U	UG/KG
TRT23VB33(10.5-11)	SOIL	VOA	CARBON DISULFIDE	11	U	UG/KG
TRT23VB33(10.5-11)	SOIL	VOA	CHLOROBENZENE	11	U	UG/KG
TRT23VB33(10.5-11)	SOIL	VOA	CHLOROETHANE	11	U	UG/KG
TRT23VB33(10.5-11)	SOIL	VOA	CHLOROFORM	11	U	UG/KG
TRT23VB33(10.5-11)	SOIL	VOA	CHLOROMETHANE	11	U	UG/KG
TRT23VB33(10.5-11)	SOIL	VOA	CIS-1,3-DICHLOROPROPENE	11	U	UG/KG
TRT23VB33(10.5-11)	SOIL	VOA	1,1-DICHLOROETHANE	11	U	UG/KG
TRT23VB33(10.5-11)	SOIL	VOA	1,2-DICHLOROETHANE	11	U	UG/KG
TRVB37VB38-01(5.5-6)	SOIL	AROMV	BENZENE	5.6	U	UG/KG
TRVB37VB38-01(5.5-6)	SOIL	AROMV	ETHYLBENZENE	5.6	U	UG/KG
TRVB37VB38-01(5.5-6)	SOIL	AROMV	TOLUENE	5.6	U	UG/KG
TRVB37VB38-01(5.5-6)	SOIL	AROMV	XYLENE (TOTAL)	11	U	UG/KG
TRVB37VB38-01(5.5-6)	SOIL	AROMV	METHYL-T-BUTYL ETHER	28	U	UG/KG
TRVB37VB38-01(5.5-6)	SOIL	PAH	BENZO(K)FLUORANTHENE	2	J	UG/KG

TABLE D-2 (CONTINUED)
NFD POINT MOLATE
PHASE I CHARACTERIZATION OF USTs AND FUEL PIPELINES
INTERIM SUMMARY MEMORANDUM
SOIL AND GROUNDWATER ANALYTICAL RESULTS FROM EXCAVATIONS AT FUEL PIPELINES AND VALVE BOXES

SAMPLE ID	SAMPLE MEDIA	ANALYTE GROUP	ANALYTE	CONCENTRATION	QUALIFIER	UNITS
TRVB37VB38-01(5.5-6)	SOIL	PAH	CHRYSENE	9.4		UG/KG
TRVB37VB38-01(5.5-6)	SOIL	PAH	DIBENZO(A,H)ANTHRACENE	5.6	U	UG/KG
TRVB37VB38-01(5.5-6)	SOIL	PAH	FLUORANTHENE	22		UG/KG
TRVB37VB38-01(5.5-6)	SOIL	PAH	FLUORENE	1		UG/KG
TRVB37VB38-01(5.5-6)	SOIL	PAH	INDENO(1,2,3-CD)PYRENE	3		UG/KG
TRVB37VB38-01(5.5-6)	SOIL	PAH	2-METHYLNAPHTHALENE	56	U	UG/KG
TRVB37VB38-01(5.5-6)	SOIL	PAH	NAPHTHALENE	56	U	UG/KG
TRVB37VB38-01(5.5-6)	SOIL	PAH	PHENANTHRENE	14		UG/KG
TRVB37VB38-01(5.5-6)	SOIL	PAH	PYRENE	21		UG/KG
TRVB37VB38-01(5.5-6)	SOIL	PAH	1-METHYLNAPHTHALENE	56	U	UG/KG
TRVB37VB38-01(5.5-6)	SOIL	PAH	BENZO(G,H,I)PERYLENE	2	J	UG/KG
TRVB37VB38-01(5.5-6)	SOIL	PAH	ACENAPHTHENE	56	U	UG/KG
TRVB37VB38-01(5.5-6)	SOIL	PAH	ACENAPHTHYLENE	22	U	UG/KG
TRVB37VB38-01(5.5-6)	SOIL	PAH	ANTHRACENE	4		UG/KG
TRVB37VB38-01(5.5-6)	SOIL	PAH	BENZO(A)ANTHRACENE	12		UG/KG
TRVB37VB38-01(5.5-6)	SOIL	PAH	BENZO(A)PYRENE	6.6		UG/KG
TRVB37VB38-01(5.5-6)	SOIL	PAH	BENZO(B)FLUORANTHENE	2	J	UG/KG
TRVB37VB38-01(5.5-6)	SOIL	PCTMST	PERCENT MOISTURE	10		%MST
TRVB37VB38-01(5.5-6)	SOIL	TMETAL	LEAD	14.2		MG/KG
TRVB37VB38-01(5.5-6)	SOIL	TPHEXT	JP5 RANGE ORGANICS	11	U	MG/KG
TRVB37VB38-01(5.5-6)	SOIL	TPHEXT	DIESEL RANGE ORGANICS	11	U	MG/KG
TRVB37VB38-01(5.5-6)	SOIL	TPHEXT	MOTOR OIL RANGE ORGANICS	11	U	MG/KG
TRVB37VB38-01(5.5-6)	SOIL	TPHEXT	TPH - BUNKER FUEL (C10-C28)	11	U	MG/KG
TRVB37VB38-01(5.5-6)	SOIL	TPHEXT	TPH - DIESEL F-76 (C8-C28)	11	U	MG/KG
TRVB37VB38-01(5.5-6)	SOIL	TPHPRG	GASOLINE RANGE ORGANICS	1.1	U	MG/KG
TRVB37VB38-01(5.5-6)	SOIL	VOA	TRICHLOROETHENE	11	U	UG/KG
TRVB37VB38-01(5.5-6)	SOIL	VOA	1,1,2,2-TETRACHLOROETHANE	11	U	UG/KG
TRVB37VB38-01(5.5-6)	SOIL	VOA	TOLUENE	11	U	UG/KG
TRVB37VB38-01(5.5-6)	SOIL	VOA	TRANS-1,3-DICHLOROPROPENE	11	U	UG/KG
TRVB37VB38-01(5.5-6)	SOIL	VOA	VINYL CHLORIDE	11	U	UG/KG
TRVB37VB38-01(5.5-6)	SOIL	VOA	XYLENE (TOTAL)	11	U	UG/KG
TRVB37VB38-01(5.5-6)	SOIL	VOA	1,1,2-TRICHLOROETHANE	11	U	UG/KG
TRVB37VB38-01(5.5-6)	SOIL	VOA	ACETONE	2	JB	UG/KG
TRVB37VB38-01(5.5-6)	SOIL	VOA	BENZENE	11	U	UG/KG
TRVB37VB38-01(5.5-6)	SOIL	VOA	BROMOMETHANE	11	U	UG/KG

TABLE D-2 (CONTINUED)
NFD POINT MOLATE
PHASE I CHARACTERIZATION OF USTs AND FUEL PIPELINES
INTERIM SUMMARY MEMORANDUM
SOIL AND GROUNDWATER ANALYTICAL RESULTS FROM EXCAVATIONS AT FUEL PIPELINES AND VALVE BOXES

SAMPLE ID	SAMPLE MEDIA	ANALYTE GROUP	ANALYTE	CONCENTRATION	QUALIFIER	UNITS
TRVB37VB38-01(5.5-6)	SOIL	VOA	BROMOFORM	11	U	UG/KG
TRVB37VB38-01(5.5-6)	SOIL	VOA	2-BUTANONE	11	U	UG/KG
TRVB37VB38-01(5.5-6)	SOIL	VOA	CARBON TETRACHLORIDE	11	U	UG/KG
TRVB37VB38-01(5.5-6)	SOIL	VOA	CARBON DISULFIDE	11	U	UG/KG
TRVB37VB38-01(5.5-6)	SOIL	VOA	CHLOROBENZENE	11	U	UG/KG
TRVB37VB38-01(5.5-6)	SOIL	VOA	CHLOROETHANE	11	U	UG/KG
TRVB37VB38-01(5.5-6)	SOIL	VOA	CHLOROFORM	11	U	UG/KG
TRVB37VB38-01(5.5-6)	SOIL	VOA	CHLOROMETHANE	11	U	UG/KG
TRVB37VB38-01(5.5-6)	SOIL	VOA	CIS-1,3-DICHLOROPROPENE	11	U	UG/KG
TRVB37VB38-01(5.5-6)	SOIL	VOA	1,1-DICHLOROETHANE	11	U	UG/KG
TRVB37VB38-01(5.5-6)	SOIL	VOA	1,2-DICHLOROETHANE	11	U	UG/KG
TRVB37VB38-01(5.5-6)	SOIL	VOA	1,1-DICHLOROETHENE	11	U	UG/KG
TRVB37VB38-01(5.5-6)	SOIL	VOA	1,2-DICHLOROETHENE (TOTAL)	11	U	UG/KG
TRVB37VB38-01(5.5-6)	SOIL	VOA	1,2-DICHLOROPROPANE	11	U	UG/KG
TRVB37VB38-01(5.5-6)	SOIL	VOA	DIBROMOCHLOROMETHANE	11	U	UG/KG
TRVB37VB38-01(5.5-6)	SOIL	VOA	BROMODICHLOROMETHANE	11	U	UG/KG
TRVB37VB38-01(5.5-6)	SOIL	VOA	ETHYLBENZENE	11	U	UG/KG
TRVB37VB38-01(5.5-6)	SOIL	VOA	2-HEXANONE	11	U	UG/KG
TRVB37VB38-01(5.5-6)	SOIL	VOA	4-METHYL-2-PENTANONE	11	U	UG/KG
TRVB37VB38-01(5.5-6)	SOIL	VOA	METHYLENE CHLORIDE	2	J	UG/KG
TRVB37VB38-01(5.5-6)	SOIL	VOA	TETRACHLOROETHENE	11	U	UG/KG
TRVB37VB38-01(5.5-6)	SOIL	VOA	STYRENE	11	U	UG/KG
TRVB37VB38-01(5.5-6)	SOIL	VOA	1,1,1-TRICHLOROETHANE	11	U	UG/KG
TRVB38VB26-01(4.5-5)	SOIL	AROMV	BENZENE	5.6	U	UG/KG
TRVB38VB26-01(4.5-5)	SOIL	AROMV	ETHYLBENZENE	5.6	U	UG/KG
TRVB38VB26-01(4.5-5)	SOIL	AROMV	TOLUENE	5.6	U	UG/KG
TRVB38VB26-01(4.5-5)	SOIL	AROMV	XYLENE (TOTAL)	11	U	UG/KG
TRVB38VB26-01(4.5-5)	SOIL	AROMV	METHYL-T-BUTYL ETHER	28	U	UG/KG
TRVB38VB26-01(4.5-5)	SOIL	PAH	ACENAPHTHENE	6900	U	UG/KG
TRVB38VB26-01(4.5-5)	SOIL	PAH	ACENAPHTHYLENE	2800	U	UG/KG
TRVB38VB26-01(4.5-5)	SOIL	PAH	ANTHRACENE	4600		UG/KG
TRVB38VB26-01(4.5-5)	SOIL	PAH	BENZO(A)ANTHRACENE	11500		UG/KG
TRVB38VB26-01(4.5-5)	SOIL	PAH	BENZO(A)PYRENE	4300		UG/KG
TRVB38VB26-01(4.5-5)	SOIL	PAH	BENZO(B)FLUORANTHENE	1200		UG/KG
TRVB38VB26-01(4.5-5)	SOIL	PAH	BENZO(G,H,I)PERYLENE	3000		UG/KG

TABLE D-2 (CONTINUED)
NFD POINT MOLATE
PHASE I CHARACTERIZATION OF USTs AND FUEL PIPELINES
INTERIM SUMMARY MEMORANDUM
SOIL AND GROUNDWATER ANALYTICAL RESULTS FROM EXCAVATIONS AT FUEL PIPELINES AND VALVE BOXES

SAMPLE ID	SAMPLE MEDIA	ANALYTE GROUP	ANALYTE	CONCENTRATION	QUALIFIER	UNITS
TRVB38VB26-01(4.5-5)	SOIL	PAH	BENZO(K)FLUORANTHENE	1700		UG/KG
TRVB38VB26-01(4.5-5)	SOIL	PAH	CHRYSENE	7540		UG/KG
TRVB38VB26-01(4.5-5)	SOIL	PAH	DIBENZO(A,H)ANTHRACENE	1000		UG/KG
TRVB38VB26-01(4.5-5)	SOIL	PAH	FLUORANTHENE	27500		UG/KG
TRVB38VB26-01(4.5-5)	SOIL	PAH	FLUORENE	280	U	UG/KG
TRVB38VB26-01(4.5-5)	SOIL	PAH	INDENO(1,2,3-CD)PYRENE	1700		UG/KG
TRVB38VB26-01(4.5-5)	SOIL	PAH	2-METHYLNAPHTHALENE	6900	U	UG/KG
TRVB38VB26-01(4.5-5)	SOIL	PAH	NAPHTHALENE	6900	U	UG/KG
TRVB38VB26-01(4.5-5)	SOIL	PAH	PHENANTHRENE	17900		UG/KG
TRVB38VB26-01(4.5-5)	SOIL	PAH	PYRENE	21100		UG/KG
TRVB38VB26-01(4.5-5)	SOIL	PAH	1-METHYLNAPHTHALENE	6900	U	UG/KG
TRVB38VB26-01(4.5-5)	SOIL	PCTMST	PERCENT MOISTURE	10		%MST
TRVB38VB26-01(4.5-5)	SOIL	TMETAL	LEAD	15.3		MG/KG
TRVB38VB26-01(4.5-5)	SOIL	TPHEXT	JP5 RANGE ORGANICS	110	U	MG/KG
TRVB38VB26-01(4.5-5)	SOIL	TPHEXT	DIESEL RANGE ORGANICS	110	U	MG/KG
TRVB38VB26-01(4.5-5)	SOIL	TPHEXT	MOTOR OIL RANGE ORGANICS	820	Z	MG/KG
TRVB38VB26-01(4.5-5)	SOIL	TPHEXT	TPH - BUNKER FUEL (C10-C28)	110	U	MG/KG
TRVB38VB26-01(4.5-5)	SOIL	TPHEXT	TPH - DIESEL F-76 (C8-C28)	110	U	MG/KG
TRVB38VB26-01(4.5-5)	SOIL	TPHPRG	GASOLINE RANGE ORGANICS	1.1	U	MG/KG
TRVB38VB26-01(4.5-5)	SOIL	VOA	XYLENE (TOTAL)	11	U	UG/KG
TRVB38VB26-01(4.5-5)	SOIL	VOA	ACETONE	2	JB	UG/KG
TRVB38VB26-01(4.5-5)	SOIL	VOA	BENZENE	11	U	UG/KG
TRVB38VB26-01(4.5-5)	SOIL	VOA	BROMOMETHANE	11	U	UG/KG
TRVB38VB26-01(4.5-5)	SOIL	VOA	BROMOFORM	11	U	UG/KG
TRVB38VB26-01(4.5-5)	SOIL	VOA	2-BUTANONE	11	U	UG/KG
TRVB38VB26-01(4.5-5)	SOIL	VOA	CARBON TETRACHLORIDE	11	U	UG/KG
TRVB38VB26-01(4.5-5)	SOIL	VOA	CARBON DISULFIDE	11	U	UG/KG
TRVB38VB26-01(4.5-5)	SOIL	VOA	CHLOROBENZENE	11	U	UG/KG
TRVB38VB26-01(4.5-5)	SOIL	VOA	CHLOROETHANE	11	U	UG/KG
TRVB38VB26-01(4.5-5)	SOIL	VOA	CHLOROFORM	11	U	UG/KG
TRVB38VB26-01(4.5-5)	SOIL	VOA	CHLOROMETHANE	11	U	UG/KG
TRVB38VB26-01(4.5-5)	SOIL	VOA	CIS-1,3-DICHLOROPROPENE	11	U	UG/KG
TRVB38VB26-01(4.5-5)	SOIL	VOA	1,1-DICHLOROETHANE	11	U	UG/KG
TRVB38VB26-01(4.5-5)	SOIL	VOA	1,2-DICHLOROETHANE	11	U	UG/KG
TRVB38VB26-01(4.5-5)	SOIL	VOA	1,1-DICHLOROETHENE	11	U	UG/KG

TABLE D-2 (CONTINUED)
NFD POINT MOLATE
PHASE I CHARACTERIZATION OF USTs AND FUEL PIPELINES
INTERIM SUMMARY MEMORANDUM
SOIL AND GROUNDWATER ANALYTICAL RESULTS FROM EXCAVATIONS AT FUEL PIPELINES AND VALVE BOXES

SAMPLE ID	SAMPLE MEDIA	ANALYTE GROUP	ANALYTE	CONCENTRATION	QUALIFIER	UNITS
TRVB38VB26-01(4.5-5)	SOIL	VOA	1,2-DICHLOROETHENE (TOTAL)	11	U	UG/KG
TRVB38VB26-01(4.5-5)	SOIL	VOA	1,2-DICHLOROPROPANE	11	U	UG/KG
TRVB38VB26-01(4.5-5)	SOIL	VOA	DIBROMOCHLOROMETHANE	11	U	UG/KG
TRVB38VB26-01(4.5-5)	SOIL	VOA	BROMODICHLOROMETHANE	11	U	UG/KG
TRVB38VB26-01(4.5-5)	SOIL	VOA	ETHYLBENZENE	11	U	UG/KG
TRVB38VB26-01(4.5-5)	SOIL	VOA	2-HEXANONE	11	U	UG/KG
TRVB38VB26-01(4.5-5)	SOIL	VOA	4-METHYL-2-PENTANONE	11	U	UG/KG
TRVB38VB26-01(4.5-5)	SOIL	VOA	METHYLENE CHLORIDE	2	J	UG/KG
TRVB38VB26-01(4.5-5)	SOIL	VOA	TETRACHLOROETHENE	11	U	UG/KG
TRVB38VB26-01(4.5-5)	SOIL	VOA	STYRENE	11	U	UG/KG
TRVB38VB26-01(4.5-5)	SOIL	VOA	1,1,1-TRICHLOROETHANE	11	U	UG/KG
TRVB38VB26-01(4.5-5)	SOIL	VOA	1,1,2-TRICHLOROETHANE	11	U	UG/KG
TRVB38VB26-01(4.5-5)	SOIL	VOA	TRICHLOROETHENE	11	U	UG/KG
TRVB38VB26-01(4.5-5)	SOIL	VOA	1,1,2,2-TETRACHLOROETHANE	11	U	UG/KG
TRVB38VB26-01(4.5-5)	SOIL	VOA	TOLUENE	11	U	UG/KG
TRVB38VB26-01(4.5-5)	SOIL	VOA	TRANS-1,3-DICHLOROPROPENE	11	U	UG/KG
TRVB38VB26-01(4.5-5)	SOIL	VOA	VINYL CHLORIDE	11	U	UG/KG
TRVB28VB29-01(8.5)	SOIL	AROMV	BENZENE	6.7	U	UG/KG
TRVB28VB29-01(8.5)	SOIL	AROMV	ETHYLBENZENE	6.7	U	UG/KG
TRVB28VB29-01(8.5)	SOIL	AROMV	TOLUENE	6.7	U	UG/KG
TRVB28VB29-01(8.5)	SOIL	AROMV	XYLENE (TOTAL)	13	U	UG/KG
TRVB28VB29-01(8.5)	SOIL	AROMV	METHYL-T-BUTYL ETHER	33	U	UG/KG
TRVB28VB29-01(8.5)	SOIL	PAH	ACENAPHTHENE	67	U	UG/KG
TRVB28VB29-01(8.5)	SOIL	PAH	ACENAPHTHYLENE	27	U	UG/KG
TRVB28VB29-01(8.5)	SOIL	PAH	ANTHRACENE	2.7	U	UG/KG
TRVB28VB29-01(8.5)	SOIL	PAH	BENZO(A)ANTHRACENE	2.7	U	UG/KG
TRVB28VB29-01(8.5)	SOIL	PAH	BENZO(A)PYRENE	2.7	U	UG/KG
TRVB28VB29-01(8.5)	SOIL	PAH	BENZO(B)FLUORANTHENE	2.7	U	UG/KG
TRVB28VB29-01(8.5)	SOIL	PAH	BENZO(G,H,I)PERYLENE	2.7	U	UG/KG
TRVB28VB29-01(8.5)	SOIL	PAH	BENZO(K)FLUORANTHENE	2.7	U	UG/KG
TRVB28VB29-01(8.5)	SOIL	PAH	CHRYSENE	2.7	U	UG/KG
TRVB28VB29-01(8.5)	SOIL	PAH	DIBENZO(A,H)ANTHRACENE	6.7	U	UG/KG
TRVB28VB29-01(8.5)	SOIL	PAH	FLUORANTHENE	2.7	U	UG/KG
TRVB28VB29-01(8.5)	SOIL	PAH	FLUORENE	2.7	U	UG/KG
TRVB28VB29-01(8.5)	SOIL	PAH	INDENO(1,2,3-CD)PYRENE	2.7	U	UG/KG

TABLE D-2 (CONTINUED)
NFD POINT MOLATE
PHASE I CHARACTERIZATION OF USTs AND FUEL PIPELINES
INTERIM SUMMARY MEMORANDUM
SOIL AND GROUNDWATER ANALYTICAL RESULTS FROM EXCAVATIONS AT FUEL PIPELINES AND VALVE BOXES

SAMPLE ID	SAMPLE MEDIA	ANALYTE GROUP	ANALYTE	CONCENTRATION	QUALIFIER	UNITS
TRVB28VB29-01(8.5)	SOIL	PAH	2-METHYLNAPHTHALENE	67	U	UG/KG
TRVB28VB29-01(8.5)	SOIL	PAH	NAPHTHALENE	67	U	UG/KG
TRVB28VB29-01(8.5)	SOIL	PAH	PHENANTHRENE	2.7	U	UG/KG
TRVB28VB29-01(8.5)	SOIL	PAH	PYRENE	2.7	U	UG/KG
TRVB28VB29-01(8.5)	SOIL	PAH	1-METHYLNAPHTHALENE	67	U	UG/KG
TRVB28VB29-01(8.5)	SOIL	PCTMST	PERCENT MOISTURE	25.1		%MST
TRVB28VB29-01(8.5)	SOIL	TMETAL	LEAD	20.2		MG/KG
TRVB28VB29-01(8.5)	SOIL	TPHEXT	JP5 RANGE ORGANICS	13	U	MG/KG
TRVB28VB29-01(8.5)	SOIL	TPHEXT	DIESEL RANGE ORGANICS	13	U	MG/KG
TRVB28VB29-01(8.5)	SOIL	TPHEXT	MOTOR OIL RANGE ORGANICS	16	Z	MG/KG
TRVB28VB29-01(8.5)	SOIL	TPHEXT	TPH - BUNKER FUEL (C10-C28)	13	U	MG/KG
TRVB28VB29-01(8.5)	SOIL	TPHEXT	TPH - DIESEL F-76 (C8-C28)	13	U	MG/KG
TRVB28VB29-01(8.5)	SOIL	TPHPRG	GASOLINE RANGE ORGANICS	1.3	U	MG/KG
TRVB28VB29-01(8.5)	SOIL	VOA	ACETONE	2	J	UG/KG
TRVB28VB29-01(8.5)	SOIL	VOA	BENZENE	13	U	UG/KG
TRVB28VB29-01(8.5)	SOIL	VOA	BROMOMETHANE	13	U	UG/KG
TRVB28VB29-01(8.5)	SOIL	VOA	BROMOFORM	13	U	UG/KG
TRVB28VB29-01(8.5)	SOIL	VOA	2-BUTANONE	13	U	UG/KG
TRVB28VB29-01(8.5)	SOIL	VOA	CARBON TETRACHLORIDE	13	U	UG/KG
TRVB28VB29-01(8.5)	SOIL	VOA	CARBON DISULFIDE	13	U	UG/KG
TRVB28VB29-01(8.5)	SOIL	VOA	CHLOROBENZENE	13	U	UG/KG
TRVB28VB29-01(8.5)	SOIL	VOA	CHLOROETHANE	13	U	UG/KG
TRVB28VB29-01(8.5)	SOIL	VOA	CHLOROFORM	13	U	UG/KG
TRVB28VB29-01(8.5)	SOIL	VOA	CHLOROMETHANE	13	U	UG/KG
TRVB28VB29-01(8.5)	SOIL	VOA	CIS-1,3-DICHLOROPROPENE	13	U	UG/KG
TRVB28VB29-01(8.5)	SOIL	VOA	1,1-DICHLOROETHANE	13	U	UG/KG
TRVB28VB29-01(8.5)	SOIL	VOA	1,2-DICHLOROETHANE	13	U	UG/KG
TRVB28VB29-01(8.5)	SOIL	VOA	1,1-DICHLOROETHENE	13	U	UG/KG
TRVB28VB29-01(8.5)	SOIL	VOA	1,2-DICHLOROETHENE (TOTAL)	13	U	UG/KG
TRVB28VB29-01(8.5)	SOIL	VOA	1,2-DICHLOROPROPANE	13	U	UG/KG
TRVB28VB29-01(8.5)	SOIL	VOA	DIBROMOCHLOROMETHANE	13	U	UG/KG
TRVB28VB29-01(8.5)	SOIL	VOA	BROMODICHLOROMETHANE	13	U	UG/KG
TRVB28VB29-01(8.5)	SOIL	VOA	ETHYLBENZENE	13	U	UG/KG
TRVB28VB29-01(8.5)	SOIL	VOA	2-HEXANONE	13	U	UG/KG
TRVB28VB29-01(8.5)	SOIL	VOA	4-METHYL-2-PENTANONE	13	U	UG/KG

TABLE D-2 (CONTINUED)
NFD POINT MOLATE
PHASE I CHARACTERIZATION OF USTs AND FUEL PIPELINES
INTERIM SUMMARY MEMORANDUM
SOIL AND GROUNDWATER ANALYTICAL RESULTS FROM EXCAVATIONS AT FUEL PIPELINES AND VALVE BOXES

SAMPLE ID	SAMPLE MEDIA	ANALYTE GROUP	ANALYTE	CONCENTRATION	QUALIFIER	UNITS
TRVB28VB29-01(8.5)	SOIL	VOA	METHYLENE CHLORIDE	1	J	UG/KG
TRVB28VB29-01(8.5)	SOIL	VOA	TETRACHLOROETHENE	13	U	UG/KG
TRVB28VB29-01(8.5)	SOIL	VOA	STYRENE	13	U	UG/KG
TRVB28VB29-01(8.5)	SOIL	VOA	1,1,1-TRICHLOROETHANE	13	U	UG/KG
TRVB28VB29-01(8.5)	SOIL	VOA	1,1,2-TRICHLOROETHANE	13	U	UG/KG
TRVB28VB29-01(8.5)	SOIL	VOA	TRICHLOROETHENE	13	U	UG/KG
TRVB28VB29-01(8.5)	SOIL	VOA	1,1,2,2-TETRACHLOROETHANE	13	U	UG/KG
TRVB28VB29-01(8.5)	SOIL	VOA	TOLUENE	13	U	UG/KG
TRVB28VB29-01(8.5)	SOIL	VOA	TRANS-1,3-DICHLOROPROPENE	13	U	UG/KG
TRVB28VB29-01(8.5)	SOIL	VOA	VINYL CHLORIDE	13	U	UG/KG
TRVB28VB29-01(8.5)	SOIL	VOA	XYLENE (TOTAL)	13	U	UG/KG
TRVB28VB24-01(3.5)	SOIL	AROMV	BENZENE	6.1	U	UG/KG
TRVB28VB24-01(3.5)	SOIL	AROMV	ETHYLBENZENE	6.1	U	UG/KG
TRVB28VB24-01(3.5)	SOIL	AROMV	TOLUENE	6.1	U	UG/KG
TRVB28VB24-01(3.5)	SOIL	AROMV	XYLENE (TOTAL)	12	U	UG/KG
TRVB28VB24-01(3.5)	SOIL	AROMV	METHYL-T-BUTYL ETHER	30	U	UG/KG
TRVB28VB24-01(3.5)	SOIL	PAH	ACENAPHTHENE	61	U	UG/KG
TRVB28VB24-01(3.5)	SOIL	PAH	ACENAPHTHYLENE	24	U	UG/KG
TRVB28VB24-01(3.5)	SOIL	PAH	ANTHRACENE	4		UG/KG
TRVB28VB24-01(3.5)	SOIL	PAH	BENZO(A)ANTHRACENE	13		UG/KG
TRVB28VB24-01(3.5)	SOIL	PAH	BENZO(A)PYRENE	2	J	UG/KG
TRVB28VB24-01(3.5)	SOIL	PAH	BENZO(B)FLUORANTHENE	6.9		UG/KG
TRVB28VB24-01(3.5)	SOIL	PAH	BENZO(G,H,I)PERYLENE	13		UG/KG
TRVB28VB24-01(3.5)	SOIL	PAH	BENZO(K)FLUORANTHENE	3		UG/KG
TRVB28VB24-01(3.5)	SOIL	PAH	CHRYSENE	11		UG/KG
TRVB28VB24-01(3.5)	SOIL	PAH	DIBENZO(A,H)ANTHRACENE	6	J	UG/KG
TRVB28VB24-01(3.5)	SOIL	PAH	FLUORANTHENE	18		UG/KG
TRVB28VB24-01(3.5)	SOIL	PAH	FLUORENE	2.4	U	UG/KG
TRVB28VB24-01(3.5)	SOIL	PAH	INDENO(1,2,3-CD)PYRENE	3		UG/KG
TRVB28VB24-01(3.5)	SOIL	PAH	2-METHYLNAPHTHALENE	61	U	UG/KG
TRVB28VB24-01(3.5)	SOIL	PAH	NAPHTHALENE	61	U	UG/KG
TRVB28VB24-01(3.5)	SOIL	PAH	PHENANTHRENE	17		UG/KG
TRVB28VB24-01(3.5)	SOIL	PAH	PYRENE	24		UG/KG
TRVB28VB24-01(3.5)	SOIL	PAH	1-METHYLNAPHTHALENE	61	U	UG/KG
TRVB28VB24-01(3.5)	SOIL	PCTMST	PERCENT MOISTURE	17.4		%MST

TABLE D-2 (CONTINUED)
NFD POINT MOLATE
PHASE I CHARACTERIZATION OF USTs AND FUEL PIPELINES
INTERIM SUMMARY MEMORANDUM
SOIL AND GROUNDWATER ANALYTICAL RESULTS FROM EXCAVATIONS AT FUEL PIPELINES AND VALVE BOXES

SAMPLE ID	SAMPLE MEDIA	ANALYTE GROUP	ANALYTE	CONCENTRATION	QUALIFIER	UNITS
TRVB28VB24-01(3.5)	SOIL	TMETAL	LEAD	24.5		MG/KG
TRVB28VB24-01(3.5)	SOIL	TPHEXT	JP5 RANGE ORGANICS	12	U	MG/KG
TRVB28VB24-01(3.5)	SOIL	TPHEXT	DIESEL RANGE ORGANICS	12	U	MG/KG
TRVB28VB24-01(3.5)	SOIL	TPHEXT	MOTOR OIL RANGE ORGANICS	8	JZ	MG/KG
TRVB28VB24-01(3.5)	SOIL	TPHEXT	TPH - BUNKER FUEL (C10-C28)	12	U	MG/KG
TRVB28VB24-01(3.5)	SOIL	TPHEXT	TPH - DIESEL F-76 (C8-C28)	12	U	MG/KG
TRVB28VB24-01(3.5)	SOIL	TPHPRG	GASOLINE RANGE ORGANICS	1.2	U	MG/KG
TRVB38VB26-02(3)	SOIL	AROMV	BENZENE	6.1	U	UG/KG
TRVB38VB26-02(3)	SOIL	AROMV	ETHYLBENZENE	6.1	U	UG/KG
TRVB38VB26-02(3)	SOIL	AROMV	TOLUENE	6.1	U	UG/KG
TRVB38VB26-02(3)	SOIL	AROMV	XYLENE (TOTAL)	12	U	UG/KG
TRVB38VB26-02(3)	SOIL	AROMV	METHYL-T-BUTYL ETHER	30	U	UG/KG
TRVB38VB26-02(3)	SOIL	PAH	CHRYSENE	21		UG/KG
TRVB38VB26-02(3)	SOIL	PAH	DIBENZO(A,H)ANTHRACENE	6.1	U	UG/KG
TRVB38VB26-02(3)	SOIL	PAH	FLUORANTHENE	34		UG/KG
TRVB38VB26-02(3)	SOIL	PAH	FLUORENE	2.4	U	UG/KG
TRVB38VB26-02(3)	SOIL	PAH	INDENO(1,2,3-CD)PYRENE	4		UG/KG
TRVB38VB26-02(3)	SOIL	PAH	2-METHYLNAPHTHALENE	61	U	UG/KG
TRVB38VB26-02(3)	SOIL	PAH	NAPHTHALENE	61	U	UG/KG
TRVB38VB26-02(3)	SOIL	PAH	PHENANTHRENE	9.4		UG/KG
TRVB38VB26-02(3)	SOIL	PAH	PYRENE	44		UG/KG
TRVB38VB26-02(3)	SOIL	PAH	1-METHYLNAPHTHALENE	61	U	UG/KG
TRVB38VB26-02(3)	SOIL	PAH	BENZO(K)FLUORANTHENE	5		UG/KG
TRVB38VB26-02(3)	SOIL	PAH	ACENAPHTHENE	61	U	UG/KG
TRVB38VB26-02(3)	SOIL	PAH	ACENAPHTHYLENE	24	U	UG/KG
TRVB38VB26-02(3)	SOIL	PAH	ANTHRACENE	3		UG/KG
TRVB38VB26-02(3)	SOIL	PAH	BENZO(A)ANTHRACENE	24		UG/KG
TRVB38VB26-02(3)	SOIL	PAH	BENZO(A)PYRENE	8.4		UG/KG
TRVB38VB26-02(3)	SOIL	PAH	BENZO(B)FLUORANTHENE	9.9		UG/KG
TRVB38VB26-02(3)	SOIL	PAH	BENZO(G,H,I)PERYLENE	9.8		UG/KG
TRVB38VB26-02(3)	SOIL	PCTMST	PERCENT MOISTURE	17.6		%MST
TRVB38VB26-02(3)	SOIL	TMETAL	LEAD	10.7		MG/KG
TRVB38VB26-02(3)	SOIL	TPHEXT	JP5 RANGE ORGANICS	12	U	MG/KG
TRVB38VB26-02(3)	SOIL	TPHEXT	DIESEL RANGE ORGANICS	12	U	MG/KG
TRVB38VB26-02(3)	SOIL	TPHEXT	MOTOR OIL RANGE ORGANICS	7	JZ	MG/KG

TABLE D-2 (CONTINUED)
NFD POINT MOLATE
PHASE I CHARACTERIZATION OF USTs AND FUEL PIPELINES
INTERIM SUMMARY MEMORANDUM
SOIL AND GROUNDWATER ANALYTICAL RESULTS FROM EXCAVATIONS AT FUEL PIPELINES AND VALVE BOXES

SAMPLE ID	SAMPLE MEDIA	ANALYTE GROUP	ANALYTE	CONCENTRATION	QUALIFIER	UNITS
TRVB38VB26-02(3)	SOIL	TPHEXT	TPH - BUNKER FUEL (C10-C28)	12	U	MG/KG
TRVB38VB26-02(3)	SOIL	TPHEXT	TPH - DIESEL F-76 (C8-C28)	12	U	MG/KG
TRVB38VB26-02(3)	SOIL	TPHPRG	GASOLINE RANGE ORGANICS	1.2	U	MG/KG
TRVB16VB15-03(11.0-11.5)	SOIL	AROMV	BENZENE	24000	U	UG/KG
TRVB16VB15-03(11.0-11.5)	SOIL	AROMV	ETHYLBENZENE	24000	U	UG/KG
TRVB16VB15-03(11.0-11.5)	SOIL	AROMV	TOLUENE	24000	U	UG/KG
TRVB16VB15-03(11.0-11.5)	SOIL	AROMV	XYLENE (TOTAL)	49000	U	UG/KG
TRVB16VB15-03(11.0-11.5)	SOIL	AROMV	METHYL-T-BUTYL ETHER	120000	U	UG/KG
TRVB16VB15-03(11.0-11.5)	SOIL	PAH	ACENAPHTHENE	6100	U	UG/KG
TRVB16VB15-03(11.0-11.5)	SOIL	PAH	ACENAPHTHYLENE	2400	U	UG/KG
TRVB16VB15-03(11.0-11.5)	SOIL	PAH	ANTHRACENE	870		UG/KG
TRVB16VB15-03(11.0-11.5)	SOIL	PAH	BENZO(A)ANTHRACENE	4200		UG/KG
TRVB16VB15-03(11.0-11.5)	SOIL	PAH	BENZO(A)PYRENE	240	U	UG/KG
TRVB16VB15-03(11.0-11.5)	SOIL	PAH	BENZO(B)FLUORANTHENE	600		UG/KG
TRVB16VB15-03(11.0-11.5)	SOIL	PAH	BENZO(G,H,I)PERYLENE	240	U	UG/KG
TRVB16VB15-03(11.0-11.5)	SOIL	PAH	BENZO(K)FLUORANTHENE	300		UG/KG
TRVB16VB15-03(11.0-11.5)	SOIL	PAH	CHRYSENE	300		UG/KG
TRVB16VB15-03(11.0-11.5)	SOIL	PAH	DIBENZO(A,H)ANTHRACENE	1000		UG/KG
TRVB16VB15-03(11.0-11.5)	SOIL	PAH	FLUORANTHENE	4500		UG/KG
TRVB16VB15-03(11.0-11.5)	SOIL	PAH	FLUORENE	1100		UG/KG
TRVB16VB15-03(11.0-11.5)	SOIL	PAH	INDENO(1,2,3-CD)PYRENE	240	U	UG/KG
TRVB16VB15-03(11.0-11.5)	SOIL	PAH	2-METHYLNAPHTHALENE	6100	U	UG/KG
TRVB16VB15-03(11.0-11.5)	SOIL	PAH	NAPHTHALENE	6100	U	UG/KG
TRVB16VB15-03(11.0-11.5)	SOIL	PAH	PHENANTHRENE	2600		UG/KG
TRVB16VB15-03(11.0-11.5)	SOIL	PAH	PYRENE	4400		UG/KG
TRVB16VB15-03(11.0-11.5)	SOIL	PAH	1-METHYLNAPHTHALENE	6100	U	UG/KG
TRVB16VB15-03(11.0-11.5)	SOIL	PCTMST	PERCENT MOISTURE	17.8		%MST
TRVB16VB15-03(11.0-11.5)	SOIL	TPHEXT	JP5 RANGE ORGANICS	610	U	MG/KG
TRVB16VB15-03(11.0-11.5)	SOIL	TPHEXT	DIESEL RANGE ORGANICS	610	U	MG/KG
TRVB16VB15-03(11.0-11.5)	SOIL	TPHEXT	MOTOR OIL RANGE ORGANICS	610	U	MG/KG
TRVB16VB15-03(11.0-11.5)	SOIL	TPHEXT	TPH - BUNKER FUEL (C10-C28)	16000		MG/KG
TRVB16VB15-03(11.0-11.5)	SOIL	TPHEXT	TPH - DIESEL F-76 (C8-C28)	610	U	MG/KG
TRVB16VB15-03(11.0-11.5)	SOIL	TPHPRG	GASOLINE RANGE ORGANICS	6000	Z	MG/KG
TRVB16VB15-02(8.0-9.0)	SOIL	AROMV	BENZENE	6	U	UG/KG
TRVB16VB15-02(8.0-9.0)	SOIL	AROMV	ETHYLBENZENE	6	U	UG/KG

TABLE D-2 (CONTINUED)
NFD POINT MOLATE
PHASE I CHARACTERIZATION OF USTs AND FUEL PIPELINES
INTERIM SUMMARY MEMORANDUM
SOIL AND GROUNDWATER ANALYTICAL RESULTS FROM EXCAVATIONS AT FUEL PIPELINES AND VALVE BOXES

SAMPLE ID	SAMPLE MEDIA	ANALYTE GROUP	ANALYTE	CONCENTRATION	QUALIFIER	UNITS
TRVB16VB15-02(8.0-9.0)	SOIL	AROMV	TOLUENE	6	U	UG/KG
TRVB16VB15-02(8.0-9.0)	SOIL	AROMV	XYLENE (TOTAL)	12	U	UG/KG
TRVB16VB15-02(8.0-9.0)	SOIL	AROMV	METHYL-T-BUTYL ETHER	30	U	UG/KG
TRVB16VB15-02(8.0-9.0)	SOIL	PAH	BENZO(A)PYRENE	2.4	U	UG/KG
TRVB16VB15-02(8.0-9.0)	SOIL	PAH	BENZO(B)FLUORANTHENE	3		UG/KG
TRVB16VB15-02(8.0-9.0)	SOIL	PAH	BENZO(G,H,I)PERYLENE	2.4	U	UG/KG
TRVB16VB15-02(8.0-9.0)	SOIL	PAH	BENZO(K)FLUORANTHENE	4		UG/KG
TRVB16VB15-02(8.0-9.0)	SOIL	PAH	CHRYSENE	37		UG/KG
TRVB16VB15-02(8.0-9.0)	SOIL	PAH	DIBENZO(A,H)ANTHRACENE	6	U	UG/KG
TRVB16VB15-02(8.0-9.0)	SOIL	PAH	FLUORANTHENE	145		UG/KG
TRVB16VB15-02(8.0-9.0)	SOIL	PAH	FLUORENE	46		UG/KG
TRVB16VB15-02(8.0-9.0)	SOIL	PAH	INDENO(1,2,3-CD)PYRENE	2.4	U	UG/KG
TRVB16VB15-02(8.0-9.0)	SOIL	PAH	2-METHYLNAPHTHALENE	140		UG/KG
TRVB16VB15-02(8.0-9.0)	SOIL	PAH	NAPHTHALENE	60	U	UG/KG
TRVB16VB15-02(8.0-9.0)	SOIL	PAH	PHENANTHRENE	104		UG/KG
TRVB16VB15-02(8.0-9.0)	SOIL	PAH	PYRENE	79		UG/KG
TRVB16VB15-02(8.0-9.0)	SOIL	PAH	1-METHYLNAPHTHALENE	640		UG/KG
TRVB16VB15-02(8.0-9.0)	SOIL	PAH	ACENAPHTHENE	31	J	UG/KG
TRVB16VB15-02(8.0-9.0)	SOIL	PAH	ACENAPHTHYLENE	24	U	UG/KG
TRVB16VB15-02(8.0-9.0)	SOIL	PAH	ANTHRACENE	30		UG/KG
TRVB16VB15-02(8.0-9.0)	SOIL	PAH	BENZO(A)ANTHRACENE	129		UG/KG
TRVB16VB15-02(8.0-9.0)	SOIL	PCTMST	PERCENT MOISTURE	17		%MST
TRVB16VB15-02(8.0-9.0)	SOIL	TPHEXT	JP5 RANGE ORGANICS	120	U	MG/KG
TRVB16VB15-02(8.0-9.0)	SOIL	TPHEXT	DIESEL RANGE ORGANICS	800		MG/KG
TRVB16VB15-02(8.0-9.0)	SOIL	TPHEXT	MOTOR OIL RANGE ORGANICS	120	U	MG/KG
TRVB16VB15-02(8.0-9.0)	SOIL	TPHEXT	TPH - BUNKER FUEL (C10-C28)	120	U	MG/KG
TRVB16VB15-02(8.0-9.0)	SOIL	TPHEXT	TPH - DIESEL F-76 (C8-C28)	120	U	MG/KG
TRVB16VB15-02(8.0-9.0)	SOIL	TPHPRG	GASOLINE RANGE ORGANICS	4.7	Z	MG/KG
WTVB16VB15-02(2.0)	WATER	AROMV	BENZENE	2.5	U	UG/L
WTVB16VB15-02(2.0)	WATER	AROMV	ETHYLBENZENE	2.5	U	UG/L
WTVB16VB15-02(2.0)	WATER	AROMV	TOLUENE	2.5	U	UG/L
WTVB16VB15-02(2.0)	WATER	AROMV	XYLENE (TOTAL)	6.8		UG/L
WTVB16VB15-02(2.0)	WATER	AROMV	METHYL-T-BUTYL ETHER	25	U	UG/L
WTVB16VB15-02(2.0)	WATER	PAH	ACENAPHTHENE	50	U	UG/L
WTVB16VB15-02(2.0)	WATER	PAH	ACENAPHTHYLENE	20	U	UG/L

TABLE D-2 (CONTINUED)
NFD POINT MOLATE
PHASE I CHARACTERIZATION OF USTs AND FUEL PIPELINES
INTERIM SUMMARY MEMORANDUM
SOIL AND GROUNDWATER ANALYTICAL RESULTS FROM EXCAVATIONS AT FUEL PIPELINES AND VALVE BOXES

SAMPLE ID	SAMPLE MEDIA	ANALYTE GROUP	ANALYTE	CONCENTRATION	QUALIFIER	UNITS
WTVB16VB15-02(2.0)	WATER	PAH	ANTHRACENE	1	J	UG/L
WTVB16VB15-02(2.0)	WATER	PAH	BENZO(A)ANTHRACENE	34		UG/L
WTVB16VB15-02(2.0)	WATER	PAH	BENZO(A)PYRENE	2	U	UG/L
WTVB16VB15-02(2.0)	WATER	PAH	BENZO(B)FLUORANTHENE	2	U	UG/L
WTVB16VB15-02(2.0)	WATER	PAH	BENZO(G,H,I)PERYLENE	2	U	UG/L
WTVB16VB15-02(2.0)	WATER	PAH	BENZO(K)FLUORANTHENE	2	U	UG/L
WTVB16VB15-02(2.0)	WATER	PAH	CHRYSENE	8		UG/L
WTVB16VB15-02(2.0)	WATER	PAH	DIBENZO(A,H)ANTHRACENE	5	U	UG/L
WTVB16VB15-02(2.0)	WATER	PAH	FLUORANTHENE	44		UG/L
WTVB16VB15-02(2.0)	WATER	PAH	FLUORENE	10		UG/L
WTVB16VB15-02(2.0)	WATER	PAH	INDENO(1,2,3-CD)PYRENE	2	U	UG/L
WTVB16VB15-02(2.0)	WATER	PAH	2-METHYLNAPHTHALENE	24		UG/L
WTVB16VB15-02(2.0)	WATER	PAH	NAPHTHALENE	50	U	UG/L
WTVB16VB15-02(2.0)	WATER	PAH	PHENANTHRENE	59		UG/L
WTVB16VB15-02(2.0)	WATER	PAH	PYRENE	15		UG/L
WTVB16VB15-02(2.0)	WATER	PAH	1-METHYLNAPHTHALENE	89		UG/L
WTVB16VB15-02(2.0)	WATER	TPHEXT	JP5 RANGE ORGANICS	5	U	MG/L
WTVB16VB15-02(2.0)	WATER	TPHEXT	DIESEL RANGE ORGANICS	285		MG/L
WTVB16VB15-02(2.0)	WATER	TPHEXT	MOTOR OIL RANGE ORGANICS	20		MG/L
WTVB16VB15-02(2.0)	WATER	TPHEXT	TPH - BUNKER FUEL (C10-C28)	5	U	MG/L
WTVB16VB15-02(2.0)	WATER	TPHEXT	TPH - DIESEL F-76 (C8-C28)	5	U	MG/L
WTVB16VB15-02(2.0)	WATER	TPHPRG	GASOLINE RANGE ORGANICS	5.87	Z	MG/L
TRT8VB16(11.0)	SOIL	AROMV	BENZENE	6000	U	UG/KG
TRT8VB16(11.0)	SOIL	AROMV	ETHYLBENZENE	6000	U	UG/KG
TRT8VB16(11.0)	SOIL	AROMV	TOLUENE	6000	U	UG/KG
TRT8VB16(11.0)	SOIL	AROMV	XYLENE (TOTAL)	12000	U	UG/KG
TRT8VB16(11.0)	SOIL	AROMV	METHYL-T-BUTYL ETHER	30000	U	UG/KG
TRT8VB16(11.0)	SOIL	PAH	ACENAPHTHENE	6000	U	UG/KG
TRT8VB16(11.0)	SOIL	PAH	ACENAPHTHYLENE	2400	U	UG/KG
TRT8VB16(11.0)	SOIL	PAH	ANTHRACENE	2100		UG/KG
TRT8VB16(11.0)	SOIL	PAH	BENZO(A)ANTHRACENE	9670		UG/KG
TRT8VB16(11.0)	SOIL	PAH	BENZO(A)PYRENE	2700		UG/KG
TRT8VB16(11.0)	SOIL	PAH	BENZO(B)FLUORANTHENE	150	J	UG/KG
TRT8VB16(11.0)	SOIL	PAH	BENZO(G,H,I)PERYLENE	240	U	UG/KG
TRT8VB16(11.0)	SOIL	PAH	BENZO(K)FLUORANTHENE	810		UG/KG

TABLE D-2 (CONTINUED)
NFD POINT MOLATE
PHASE I CHARACTERIZATION OF USTs AND FUEL PIPELINES
INTERIM SUMMARY MEMORANDUM
SOIL AND GROUNDWATER ANALYTICAL RESULTS FROM EXCAVATIONS AT FUEL PIPELINES AND VALVE BOXES

SAMPLE ID	SAMPLE MEDIA	ANALYTE GROUP	ANALYTE	CONCENTRATION	QUALIFIER	UNITS
TRT8VB16(11.0)	SOIL	PAH	CHRYSENE	980		UG/KG
TRT8VB16(11.0)	SOIL	PAH	DIBENZO(A,H)ANTHRACENE	2300		UG/KG
TRT8VB16(11.0)	SOIL	PAH	FLUORANTHENE	7490		UG/KG
TRT8VB16(11.0)	SOIL	PAH	FLUORENE	2700		UG/KG
TRT8VB16(11.0)	SOIL	PAH	INDENO(1,2,3-CD)PYRENE	240	U	UG/KG
TRT8VB16(11.0)	SOIL	PAH	2-METHYLNAPHTHALENE	7700		UG/KG
TRT8VB16(11.0)	SOIL	PAH	NAPHTHALENE	6000	U	UG/KG
TRT8VB16(11.0)	SOIL	PAH	PHENANTHRENE	5970		UG/KG
TRT8VB16(11.0)	SOIL	PAH	PYRENE	10600		UG/KG
TRT8VB16(11.0)	SOIL	PAH	1-METHYLNAPHTHALENE	41000		UG/KG
TRT8VB16(11.0)	SOIL	PCTMST	PERCENT MOISTURE	17.3		%MST
TRT8VB16(11.0)	SOIL	TPHEXT	JP5 RANGE ORGANICS	600	U	MG/KG
TRT8VB16(11.0)	SOIL	TPHEXT	DIESEL RANGE ORGANICS	8300		MG/KG
TRT8VB16(11.0)	SOIL	TPHEXT	MOTOR OIL RANGE ORGANICS	600	U	MG/KG
TRT8VB16(11.0)	SOIL	TPHEXT	TPH - BUNKER FUEL (C10-C28)	600	U	MG/KG
TRT8VB16(11.0)	SOIL	TPHEXT	TPH - DIESEL F-76 (C8-C28)	600	U	MG/KG
TRT8VB16(11.0)	SOIL	TPHPRG	GASOLINE RANGE ORGANICS	2000	Z	MG/KG
TRVB4VB3-01(7.5-8.0)	SOIL	AROMV	METHYL-T-BUTYL ETHER	30	U	UG/KG
TRVB4VB3-01(7.5-8.0)	SOIL	AROMV	BENZENE	5.9	U	UG/KG
TRVB4VB3-01(7.5-8.0)	SOIL	AROMV	ETHYLBENZENE	5.9	U	UG/KG
TRVB4VB3-01(7.5-8.0)	SOIL	AROMV	TOLUENE	5.9	U	UG/KG
TRVB4VB3-01(7.5-8.0)	SOIL	AROMV	XYLENE (TOTAL)	12	U	UG/KG
TRVB4VB3-01(7.5-8.0)	SOIL	PAH	ACENAPHTHENE	5900	U	UG/KG
TRVB4VB3-01(7.5-8.0)	SOIL	PAH	ACENAPHTHYLENE	2400	U	UG/KG
TRVB4VB3-01(7.5-8.0)	SOIL	PAH	ANTHRACENE	400		UG/KG
TRVB4VB3-01(7.5-8.0)	SOIL	PAH	BENZO(A)ANTHRACENE	6080		UG/KG
TRVB4VB3-01(7.5-8.0)	SOIL	PAH	BENZO(A)PYRENE	240	U	UG/KG
TRVB4VB3-01(7.5-8.0)	SOIL	PAH	BENZO(B)FLUORANTHENE	240	U	UG/KG
TRVB4VB3-01(7.5-8.0)	SOIL	PAH	BENZO(G,H,I)PERYLENE	240	U	UG/KG
TRVB4VB3-01(7.5-8.0)	SOIL	PAH	BENZO(K)FLUORANTHENE	240	U	UG/KG
TRVB4VB3-01(7.5-8.0)	SOIL	PAH	CHRYSENE	3000		UG/KG
TRVB4VB3-01(7.5-8.0)	SOIL	PAH	DIBENZO(A,H)ANTHRACENE	1300		UG/KG
TRVB4VB3-01(7.5-8.0)	SOIL	PAH	FLUORANTHENE	240	U	UG/KG
TRVB4VB3-01(7.5-8.0)	SOIL	PAH	FLUORENE	240	U	UG/KG
TRVB4VB3-01(7.5-8.0)	SOIL	PAH	INDENO(1,2,3-CD)PYRENE	240	U	UG/KG

TABLE D-2 (CONTINUED)
NFD POINT MOLATE
PHASE I CHARACTERIZATION OF USTs AND FUEL PIPELINES
INTERIM SUMMARY MEMORANDUM
SOIL AND GROUNDWATER ANALYTICAL RESULTS FROM EXCAVATIONS AT FUEL PIPELINES AND VALVE BOXES

SAMPLE ID	SAMPLE MEDIA	ANALYTE GROUP	ANALYTE	CONCENTRATION	QUALIFIER	UNITS
TRVB4VB3-01(7.5-8.0)	SOIL	PAH	2-METHYLNAPHTHALENE	5900	U	UG/KG
TRVB4VB3-01(7.5-8.0)	SOIL	PAH	NAPHTHALENE	5900	U	UG/KG
TRVB4VB3-01(7.5-8.0)	SOIL	PAH	PHENANTHRENE	610		UG/KG
TRVB4VB3-01(7.5-8.0)	SOIL	PAH	PYRENE	240	U	UG/KG
TRVB4VB3-01(7.5-8.0)	SOIL	PAH	1-METHYLNAPHTHALENE	5900	U	UG/KG
TRVB4VB3-01(7.5-8.0)	SOIL	PCTMST	PERCENT MOISTURE	15.9		%MST
TRVB4VB3-01(7.5-8.0)	SOIL	TPHEXT	JP5 RANGE ORGANICS	59	U	MG/KG
TRVB4VB3-01(7.5-8.0)	SOIL	TPHEXT	DIESEL RANGE ORGANICS	2120		MG/KG
TRVB4VB3-01(7.5-8.0)	SOIL	TPHEXT	MOTOR OIL RANGE ORGANICS	870		MG/KG
TRVB4VB3-01(7.5-8.0)	SOIL	TPHEXT	TPH - BUNKER FUEL (C10-C28)	59	U	MG/KG
TRVB4VB3-01(7.5-8.0)	SOIL	TPHEXT	TPH - DIESEL F-76 (C8-C28)	59	U	MG/KG
TRVB4VB3-01(7.5-8.0)	SOIL	TPHPRG	GASOLINE RANGE ORGANICS	1.2	U	MG/KG
TRVB15VB14-02(6.0-7.0)	SOIL	AROMV	BENZENE	5.8	U	UG/KG
TRVB15VB14-02(6.0-7.0)	SOIL	AROMV	ETHYLBENZENE	5.8	U	UG/KG
TRVB15VB14-02(6.0-7.0)	SOIL	AROMV	TOLUENE	5.8	U	UG/KG
TRVB15VB14-02(6.0-7.0)	SOIL	AROMV	XYLENE (TOTAL)	12	U	UG/KG
TRVB15VB14-02(6.0-7.0)	SOIL	AROMV	METHYL-T-BUTYL ETHER	29	U	UG/KG
TRVB15VB14-02(6.0-7.0)	SOIL	PAH	BENZO(A)PYRENE	2.3	U	UG/KG
TRVB15VB14-02(6.0-7.0)	SOIL	PAH	BENZO(B)FLUORANTHENE	2.3	U	UG/KG
TRVB15VB14-02(6.0-7.0)	SOIL	PAH	BENZO(G,H,I)PERYLENE	2.3	U	UG/KG
TRVB15VB14-02(6.0-7.0)	SOIL	PAH	BENZO(K)FLUORANTHENE	2.3	U	UG/KG
TRVB15VB14-02(6.0-7.0)	SOIL	PAH	CHRYSENE	2	J	UG/KG
TRVB15VB14-02(6.0-7.0)	SOIL	PAH	DIBENZO(A,H)ANTHRACENE	5.8	U	UG/KG
TRVB15VB14-02(6.0-7.0)	SOIL	PAH	FLUORANTHENE	2.3	U	UG/KG
TRVB15VB14-02(6.0-7.0)	SOIL	PAH	FLUORENE	2.3	U	UG/KG
TRVB15VB14-02(6.0-7.0)	SOIL	PAH	INDENO(1,2,3-CD)PYRENE	2.3	U	UG/KG
TRVB15VB14-02(6.0-7.0)	SOIL	PAH	2-METHYLNAPHTHALENE	86		UG/KG
TRVB15VB14-02(6.0-7.0)	SOIL	PAH	NAPHTHALENE	65		UG/KG
TRVB15VB14-02(6.0-7.0)	SOIL	PAH	PHENANTHRENE	2.3	U	UG/KG
TRVB15VB14-02(6.0-7.0)	SOIL	PAH	PYRENE	2.3	U	UG/KG
TRVB15VB14-02(6.0-7.0)	SOIL	PAH	1-METHYLNAPHTHALENE	170		UG/KG
TRVB15VB14-02(6.0-7.0)	SOIL	PAH	ACENAPHTHENE	58	U	UG/KG
TRVB15VB14-02(6.0-7.0)	SOIL	PAH	ACENAPHTHYLENE	23	U	UG/KG
TRVB15VB14-02(6.0-7.0)	SOIL	PAH	ANTHRACENE	2.3	U	UG/KG
TRVB15VB14-02(6.0-7.0)	SOIL	PAH	BENZO(A)ANTHRACENE	4		UG/KG

TABLE D-2 (CONTINUED)
NFD POINT MOLATE
PHASE I CHARACTERIZATION OF USTs AND FUEL PIPELINES
INTERIM SUMMARY MEMORANDUM
SOIL AND GROUNDWATER ANALYTICAL RESULTS FROM EXCAVATIONS AT FUEL PIPELINES AND VALVE BOXES

SAMPLE ID	SAMPLE MEDIA	ANALYTE GROUP	ANALYTE	CONCENTRATION	QUALIFIER	UNITS
TRVB15VB14-02(6.0-7.0)	SOIL	PCTMST	PERCENT MOISTURE	14.2		%MST
TRVB15VB14-02(6.0-7.0)	SOIL	TPHEXT	JP5 RANGE ORGANICS	12	U	MG/KG
TRVB15VB14-02(6.0-7.0)	SOIL	TPHEXT	DIESEL RANGE ORGANICS	12	U	MG/KG
TRVB15VB14-02(6.0-7.0)	SOIL	TPHEXT	MOTOR OIL RANGE ORGANICS	12	U	MG/KG
TRVB15VB14-02(6.0-7.0)	SOIL	TPHEXT	TPH - BUNKER FUEL (C10-C28)	12	U	MG/KG
TRVB15VB14-02(6.0-7.0)	SOIL	TPHEXT	TPH - DIESEL F-76 (C8-C28)	12	U	MG/KG
TRVB15VB14-02(6.0-7.0)	SOIL	TPHPRG	GASOLINE RANGE ORGANICS	1.2	U	MG/KG
TRVB8VB7-01(6.5-7)	SOIL	AROMV	BENZENE	5.9	U	UG/KG
TRVB8VB7-01(6.5-7)	SOIL	AROMV	ETHYLBENZENE	5.9	U	UG/KG
TRVB8VB7-01(6.5-7)	SOIL	AROMV	TOLUENE	5.9	U	UG/KG
TRVB8VB7-01(6.5-7)	SOIL	AROMV	XYLENE (TOTAL)	12	U	UG/KG
TRVB8VB7-01(6.5-7)	SOIL	AROMV	METHYL-T-BUTYL ETHER	29	U	UG/KG
TRVB8VB7-01(6.5-7)	SOIL	PAH	ACENAPHTHENE	290	U	UG/KG
TRVB8VB7-01(6.5-7)	SOIL	PAH	ACENAPHTHYLENE	120	U	UG/KG
TRVB8VB7-01(6.5-7)	SOIL	PAH	ANTHRACENE	12	U	UG/KG
TRVB8VB7-01(6.5-7)	SOIL	PAH	BENZO(A)ANTHRACENE	12	U	UG/KG
TRVB8VB7-01(6.5-7)	SOIL	PAH	BENZO(A)PYRENE	12	U	UG/KG
TRVB8VB7-01(6.5-7)	SOIL	PAH	BENZO(B)FLUORANTHENE	12	U	UG/KG
TRVB8VB7-01(6.5-7)	SOIL	PAH	BENZO(G,H,I)PERYLENE	12	U	UG/KG
TRVB8VB7-01(6.5-7)	SOIL	PAH	BENZO(K)FLUORANTHENE	12	U	UG/KG
TRVB8VB7-01(6.5-7)	SOIL	PAH	CHRYSENE	12	U	UG/KG
TRVB8VB7-01(6.5-7)	SOIL	PAH	DIBENZO(A,H)ANTHRACENE	29	U	UG/KG
TRVB8VB7-01(6.5-7)	SOIL	PAH	FLUORANTHENE	12	U	UG/KG
TRVB8VB7-01(6.5-7)	SOIL	PAH	FLUORENE	12	U	UG/KG
TRVB8VB7-01(6.5-7)	SOIL	PAH	INDENO(1,2,3-CD)PYRENE	12	U	UG/KG
TRVB8VB7-01(6.5-7)	SOIL	PAH	2-METHYLNAPHTHALENE	290	U	UG/KG
TRVB8VB7-01(6.5-7)	SOIL	PAH	NAPHTHALENE	290	U	UG/KG
TRVB8VB7-01(6.5-7)	SOIL	PAH	PHENANTHRENE	12	U	UG/KG
TRVB8VB7-01(6.5-7)	SOIL	PAH	PYRENE	12	U	UG/KG
TRVB8VB7-01(6.5-7)	SOIL	PAH	1-METHYLNAPHTHALENE	290	U	UG/KG
TRVB8VB7-01(6.5-7)	SOIL	PCTMST	PERCENT MOISTURE	14.7		%MST
TRVB8VB7-01(6.5-7)	SOIL	TPHEXT	JP5 RANGE ORGANICS	12	U	MG/KG
TRVB8VB7-01(6.5-7)	SOIL	TPHEXT	DIESEL RANGE ORGANICS	12	U	MG/KG
TRVB8VB7-01(6.5-7)	SOIL	TPHEXT	MOTOR OIL RANGE ORGANICS	8	J	MG/KG
TRVB8VB7-01(6.5-7)	SOIL	TPHEXT	TPH - BUNKER FUEL (C10-C28)	12	U	MG/KG

TABLE D-2 (CONTINUED)
NFD POINT MOLATE
PHASE I CHARACTERIZATION OF USTs AND FUEL PIPELINES
INTERIM SUMMARY MEMORANDUM
SOIL AND GROUNDWATER ANALYTICAL RESULTS FROM EXCAVATIONS AT FUEL PIPELINES AND VALVE BOXES

SAMPLE ID	SAMPLE MEDIA	ANALYTE GROUP	ANALYTE	CONCENTRATION	QUALIFIER	UNITS
TRVB8VB7-01(6.5-7)	SOIL	TPHEXT	TPH - DIESEL F-76 (C8-C28)	12	U	MG/KG
TRVB8VB7-01(6.5-7)	SOIL	TPHPRG	GASOLINE RANGE ORGANICS	1.2	U	MG/KG
TRVB29VB37-01(3)	SOIL	AROMV	BENZENE	5.9	U	UG/KG
TRVB29VB37-01(3)	SOIL	AROMV	ETHYLBENZENE	5.9	U	UG/KG
TRVB29VB37-01(3)	SOIL	AROMV	TOLUENE	5.9	U	UG/KG
TRVB29VB37-01(3)	SOIL	AROMV	XYLENE (TOTAL)	12	U	UG/KG
TRVB29VB37-01(3)	SOIL	AROMV	METHYL-T-BUTYL ETHER	30	U	UG/KG
TRVB29VB37-01(3)	SOIL	PAH	ACENAPHTHENE	59	U	UG/KG
TRVB29VB37-01(3)	SOIL	PAH	ACENAPHTHYLENE	24	U	UG/KG
TRVB29VB37-01(3)	SOIL	PAH	ANTHRACENE	2.4	U	UG/KG
TRVB29VB37-01(3)	SOIL	PAH	BENZO(A)ANTHRACENE	2.4	U	UG/KG
TRVB29VB37-01(3)	SOIL	PAH	BENZO(A)PYRENE	2.4	U	UG/KG
TRVB29VB37-01(3)	SOIL	PAH	BENZO(B)FLUORANTHENE	2.4	U	UG/KG
TRVB29VB37-01(3)	SOIL	PAH	BENZO(G,H,I)PERYLENE	2.4	U	UG/KG
TRVB29VB37-01(3)	SOIL	PAH	BENZO(K)FLUORANTHENE	2.4	U	UG/KG
TRVB29VB37-01(3)	SOIL	PAH	CHRYSENE	2.4	U	UG/KG
TRVB29VB37-01(3)	SOIL	PAH	DIBENZO(A,H)ANTHRACENE	59		UG/KG
TRVB29VB37-01(3)	SOIL	PAH	FLUORANTHENE	2.4	U	UG/KG
TRVB29VB37-01(3)	SOIL	PAH	FLUORENE	2.4	U	UG/KG
TRVB29VB37-01(3)	SOIL	PAH	INDENO(1,2,3-CD)PYRENE	2.4	U	UG/KG
TRVB29VB37-01(3)	SOIL	PAH	2-METHYLNAPHTHALENE	59	U	UG/KG
TRVB29VB37-01(3)	SOIL	PAH	NAPHTHALENE	59	U	UG/KG
TRVB29VB37-01(3)	SOIL	PAH	PHENANTHRENE	2.4	U	UG/KG
TRVB29VB37-01(3)	SOIL	PAH	PYRENE	2.4	U	UG/KG
TRVB29VB37-01(3)	SOIL	PAH	1-METHYLNAPHTHALENE	59	U	UG/KG
TRVB29VB37-01(3)	SOIL	PCTMST	PERCENT MOISTURE	15.4		%MST
TRVB29VB37-01(3)	SOIL	TMETAL	LEAD	15.2		MG/KG
TRVB29VB37-01(3)	SOIL	TPHEXT	JP5 RANGE ORGANICS	12	U	MG/KG
TRVB29VB37-01(3)	SOIL	TPHEXT	DIESEL RANGE ORGANICS	12	U	MG/KG
TRVB29VB37-01(3)	SOIL	TPHEXT	MOTOR OIL RANGE ORGANICS	12	JZ	MG/KG
TRVB29VB37-01(3)	SOIL	TPHEXT	TPH - BUNKER FUEL (C10-C28)	12	U	MG/KG
TRVB29VB37-01(3)	SOIL	TPHEXT	TPH - DIESEL F-76 (C8-C28)	12	U	MG/KG
TRVB29VB37-01(3)	SOIL	TPHPRG	GASOLINE RANGE ORGANICS	1.2	U	MG/KG
TRVB29VB37-01(3)	SOIL	VOA	BROMOFORM	12	U	UG/KG
TRVB29VB37-01(3)	SOIL	VOA	2-BUTANONE	12	U	UG/KG

TABLE D-2 (CONTINUED)
NFD POINT MOLATE
PHASE I CHARACTERIZATION OF USTs AND FUEL PIPELINES
INTERIM SUMMARY MEMORANDUM
SOIL AND GROUNDWATER ANALYTICAL RESULTS FROM EXCAVATIONS AT FUEL PIPELINES AND VALVE BOXES

SAMPLE ID	SAMPLE MEDIA	ANALYTE GROUP	ANALYTE	CONCENTRATION	QUALIFIER	UNITS
TRVB29VB37-01(3)	SOIL	VOA	CARBON TETRACHLORIDE	12	U	UG/KG
TRVB29VB37-01(3)	SOIL	VOA	CARBON DISULFIDE	12	U	UG/KG
TRVB29VB37-01(3)	SOIL	VOA	CHLOROBENZENE	12	U	UG/KG
TRVB29VB37-01(3)	SOIL	VOA	CHLOROETHANE	12	U	UG/KG
TRVB29VB37-01(3)	SOIL	VOA	CHLOROFORM	12	U	UG/KG
TRVB29VB37-01(3)	SOIL	VOA	CHLOROMETHANE	12	U	UG/KG
TRVB29VB37-01(3)	SOIL	VOA	CIS-1,3-DICHLOROPROPENE	12	U	UG/KG
TRVB29VB37-01(3)	SOIL	VOA	1,1-DICHLOROETHANE	12	U	UG/KG
TRVB29VB37-01(3)	SOIL	VOA	1,2-DICHLOROETHANE	12	U	UG/KG
TRVB29VB37-01(3)	SOIL	VOA	1,1-DICHLOROETHENE	12	U	UG/KG
TRVB29VB37-01(3)	SOIL	VOA	1,2-DICHLOROETHENE (TOTAL)	12	U	UG/KG
TRVB29VB37-01(3)	SOIL	VOA	1,2-DICHLOROPROPANE	12	U	UG/KG
TRVB29VB37-01(3)	SOIL	VOA	DIBROMOCHLOROMETHANE	12	U	UG/KG
TRVB29VB37-01(3)	SOIL	VOA	BROMODICHLOROMETHANE	12	U	UG/KG
TRVB29VB37-01(3)	SOIL	VOA	ETHYLBENZENE	12	U	UG/KG
TRVB29VB37-01(3)	SOIL	VOA	2-HEXANONE	12	U	UG/KG
TRVB29VB37-01(3)	SOIL	VOA	4-METHYL-2-PENTANONE	12	U	UG/KG
TRVB29VB37-01(3)	SOIL	VOA	METHYLENE CHLORIDE	2	J	UG/KG
TRVB29VB37-01(3)	SOIL	VOA	TETRACHLOROETHENE	12	U	UG/KG
TRVB29VB37-01(3)	SOIL	VOA	STYRENE	12	U	UG/KG
TRVB29VB37-01(3)	SOIL	VOA	1,1,1-TRICHLOROETHANE	12	U	UG/KG
TRVB29VB37-01(3)	SOIL	VOA	1,1,2-TRICHLOROETHANE	12	U	UG/KG
TRVB29VB37-01(3)	SOIL	VOA	TRICHLOROETHENE	12	U	UG/KG
TRVB29VB37-01(3)	SOIL	VOA	1,1,2,2-TETRACHLOROETHANE	12	U	UG/KG
TRVB29VB37-01(3)	SOIL	VOA	TOLUENE	12	U	UG/KG
TRVB29VB37-01(3)	SOIL	VOA	TRANS-1,3-DICHLOROPROPENE	12	U	UG/KG
TRVB29VB37-01(3)	SOIL	VOA	VINYL CHLORIDE	12	U	UG/KG
TRVB29VB37-01(3)	SOIL	VOA	XYLENE (TOTAL)	12	U	UG/KG
TRVB29VB37-01(3)	SOIL	VOA	BROMOMETHANE	12	U	UG/KG
TRVB29VB37-01(3)	SOIL	VOA	ACETONE	2	JB	UG/KG
TRVB29VB37-01(3)	SOIL	VOA	BENZENE	12	U	UG/KG
TRVB27VB38-01(4.5)	SOIL	AROMV	BENZENE	6	U	UG/KG
TRVB27VB38-01(4.5)	SOIL	AROMV	ETHYLBENZENE	6	U	UG/KG
TRVB27VB38-01(4.5)	SOIL	AROMV	TOLUENE	6	U	UG/KG
TRV[illegible]VB38-01(4.5)	SOIL	AROMV	XYLENE (TOTAL)	12	U	UG/KG

TABLE D-2 (CONTINUED)
NFD POINT MOLATE
PHASE I CHARACTERIZATION OF USTs AND FUEL PIPELINES
INTERIM SUMMARY MEMORANDUM
SOIL AND GROUNDWATER ANALYTICAL RESULTS FROM EXCAVATIONS AT FUEL PIPELINES AND VALVE BOXES

SAMPLE ID	SAMPLE MEDIA	ANALYTE GROUP	ANALYTE	CONCENTRATION	QUALIFIER	UNITS
TRVB27VB38-01(4.5)	SOIL	AROMV	METHYL-T-BUTYL ETHER	30	U	UG/KG
TRVB27VB38-01(4.5)	SOIL	PAH	ACENAPHTHENE	60	U	UG/KG
TRVB27VB38-01(4.5)	SOIL	PAH	ACENAPHTHYLENE	24	U	UG/KG
TRVB27VB38-01(4.5)	SOIL	PAH	ANTHRACENE	4		UG/KG
TRVB27VB38-01(4.5)	SOIL	PAH	BENZO(A)ANTHRACENE	29		UG/KG
TRVB27VB38-01(4.5)	SOIL	PAH	BENZO(A)PYRENE	51		UG/KG
TRVB27VB38-01(4.5)	SOIL	PAH	BENZO(B)FLUORANTHENE	38		UG/KG
TRVB27VB38-01(4.5)	SOIL	PAH	BENZO(G,H,I)PERYLENE	35		UG/KG
TRVB27VB38-01(4.5)	SOIL	PAH	BENZO(K)FLUORANTHENE	21		UG/KG
TRVB27VB38-01(4.5)	SOIL	PAH	CHRYSENE	67		UG/KG
TRVB27VB38-01(4.5)	SOIL	PAH	DIBENZO(A,H)ANTHRACENE	57		UG/KG
TRVB27VB38-01(4.5)	SOIL	PAH	FLUORANTHENE	77		UG/KG
TRVB27VB38-01(4.5)	SOIL	PAH	FLUORENE	2.4	U	UG/KG
TRVB27VB38-01(4.5)	SOIL	PAH	INDENO(1,2,3-CD)PYRENE	71		UG/KG
TRVB27VB38-01(4.5)	SOIL	PAH	2-METHYLNAPHTHALENE	60	U	UG/KG
TRVB27VB38-01(4.5)	SOIL	PAH	NAPHTHALENE	60	U	UG/KG
TRVB27VB38-01(4.5)	SOIL	PAH	PHENANTHRENE	10		UG/KG
TRVB27VB38-01(4.5)	SOIL	PAH	PYRENE	86		UG/KG
TRVB27VB38-01(4.5)	SOIL	PAH	1-METHYLNAPHTHALENE	60	U	UG/KG
TRVB27VB38-01(4.5)	SOIL	PCTMST	PERCENT MOISTURE	16.2		%MST
TRVB27VB38-01(4.5)	SOIL	TMETAL	LEAD	60		MG/KG
TRVB27VB38-01(4.5)	SOIL	TPHEXT	JP5 RANGE ORGANICS	12	U	MG/KG
TRVB27VB38-01(4.5)	SOIL	TPHEXT	DIESEL RANGE ORGANICS	12	U	MG/KG
TRVB27VB38-01(4.5)	SOIL	TPHEXT	MOTOR OIL RANGE ORGANICS	130	Z	MG/KG
TRVB27VB38-01(4.5)	SOIL	TPHEXT	TPH - BUNKER FUEL (C10-C28)	12	U	MG/KG
TRVB27VB38-01(4.5)	SOIL	TPHEXT	TPH - DIESEL F-76 (C8-C28)	12	U	MG/KG
TRVB27VB38-01(4.5)	SOIL	TPHPRG	GASOLINE RANGE ORGANICS	1.2	U	MG/KG
TRVB27VB38-01(4.5)	SOIL	VOA	ACETONE	2	JB	UG/KG
TRVB27VB38-01(4.5)	SOIL	VOA	BENZENE	12	U	UG/KG
TRVB27VB38-01(4.5)	SOIL	VOA	BROMOMETHANE	12	U	UG/KG
TRVB27VB38-01(4.5)	SOIL	VOA	BROMOFORM	12	U	UG/KG
TRVB27VB38-01(4.5)	SOIL	VOA	2-BUTANONE	12	U	UG/KG
TRVB27VB38-01(4.5)	SOIL	VOA	CARBON TETRACHLORIDE	12	U	UG/KG
TRVB27VB38-01(4.5)	SOIL	VOA	CARBON DISULFIDE	12	U	UG/KG
TRVB27VB38-01(4.5)	SOIL	VOA	CHLOROBENZENE	12	U	UG/KG

TABLE D-2 (CONTINUED)
NFD POINT MOLATE
PHASE I CHARACTERIZATION OF USTs AND FUEL PIPELINES
INTERIM SUMMARY MEMORANDUM
SOIL AND GROUNDWATER ANALYTICAL RESULTS FROM EXCAVATIONS AT FUEL PIPELINES AND VALVE BOXES

SAMPLE ID	SAMPLE MEDIA	ANALYTE GROUP	ANALYTE	CONCENTRATION	QUALIFIER	UNITS
TRVB27VB38-01(4.5)	SOIL	VOA	CHLOROETHANE	12	U	UG/KG
TRVB27VB38-01(4.5)	SOIL	VOA	CHLOROFORM	12	U	UG/KG
TRVB27VB38-01(4.5)	SOIL	VOA	CHLOROMETHANE	12	U	UG/KG
TRVB27VB38-01(4.5)	SOIL	VOA	CIS-1,3-DICHLOROPROPENE	12	U	UG/KG
TRVB27VB38-01(4.5)	SOIL	VOA	1,1-DICHLOROETHANE	12	U	UG/KG
TRVB27VB38-01(4.5)	SOIL	VOA	1,2-DICHLOROETHANE	12	U	UG/KG
TRVB27VB38-01(4.5)	SOIL	VOA	1,1-DICHLOROETHENE	12	U	UG/KG
TRVB27VB38-01(4.5)	SOIL	VOA	1,2-DICHLOROETHENE (TOTAL)	12	U	UG/KG
TRVB27VB38-01(4.5)	SOIL	VOA	1,2-DICHLOROPROPANE	12	U	UG/KG
TRVB27VB38-01(4.5)	SOIL	VOA	DIBROMOCHLOROMETHANE	12	U	UG/KG
TRVB27VB38-01(4.5)	SOIL	VOA	BROMODICHLOROMETHANE	12	U	UG/KG
TRVB27VB38-01(4.5)	SOIL	VOA	ETHYLBENZENE	12	U	UG/KG
TRVB27VB38-01(4.5)	SOIL	VOA	2-HEXANONE	12	U	UG/KG
TRVB27VB38-01(4.5)	SOIL	VOA	4-METHYL-2-PENTANONE	12	U	UG/KG
TRVB27VB38-01(4.5)	SOIL	VOA	METHYLENE CHLORIDE	2	J	UG/KG
TRVB27VB38-01(4.5)	SOIL	VOA	TETRACHLOROETHENE	12	U	UG/KG
TRVB27VB38-01(4.5)	SOIL	VOA	STYRENE	12	U	UG/KG
TRVB27VB38-01(4.5)	SOIL	VOA	1,1,1-TRICHLOROETHANE	12	U	UG/KG
TRVB27VB38-01(4.5)	SOIL	VOA	1,1,2-TRICHLOROETHANE	12	U	UG/KG
TRVB27VB38-01(4.5)	SOIL	VOA	TRICHLOROETHENE	12	U	UG/KG
TRVB27VB38-01(4.5)	SOIL	VOA	1,1,2,2-TETRACHLOROETHANE	12	U	UG/KG
TRVB27VB38-01(4.5)	SOIL	VOA	TOLUENE	12	U	UG/KG
TRVB27VB38-01(4.5)	SOIL	VOA	TRANS-1,3-DICHLOROPROPENE	12	U	UG/KG
TRVB27VB38-01(4.5)	SOIL	VOA	VINYL CHLORIDE	12	U	UG/KG
TRVB27VB38-01(4.5)	SOIL	VOA	XYLENE (TOTAL)	12	U	UG/KG
TRVB10VB1-01(7.0)	SOIL	AROMV	TOLUENE	5.8	U	UG/KG
TRVB10VB1-01(7.0)	SOIL	AROMV	XYLENE (TOTAL)	12	U	UG/KG
TRVB10VB1-01(7.0)	SOIL	AROMV	METHYL-T-BUTYL ETHER	29	U	UG/KG
TRVB10VB1-01(7.0)	SOIL	AROMV	ETHYLBENZENE	5.8	U	UG/KG
TRVB10VB1-01(7.0)	SOIL	AROMV	BENZENE	5.8	U	UG/KG
TRVB10VB1-01(7.0)	SOIL	PAH	ACENAPHTHYLENE	23	U	UG/KG
TRVB10VB1-01(7.0)	SOIL	PAH	ANTHRACENE	2.3	U	UG/KG
TRVB10VB1-01(7.0)	SOIL	PAH	BENZO(A)ANTHRACENE	4		UG/KG
TRVB10VB1-01(7.0)	SOIL	PAH	BENZO(A)PYRENE	5.8		UG/KG
TRVB10VB1-01(7.0)	SOIL	PAH	BENZO(B)FLUORANTHENE	4.9		UG/KG

TABLE D-2 (CONTINUED)
NFD POINT MOLATE
PHASE I CHARACTERIZATION OF USTs AND FUEL PIPELINES
INTERIM SUMMARY MEMORANDUM
SOIL AND GROUNDWATER ANALYTICAL RESULTS FROM EXCAVATIONS AT FUEL PIPELINES AND VALVE BOXES

SAMPLE ID	SAMPLE MEDIA	ANALYTE GROUP	ANALYTE	CONCENTRATION	QUALIFIER	UNITS
TRVB10VB1-01(7.0)	SOIL	PAH	BENZO(G,H,I)PERYLENE	2.3	U	UG/KG
TRVB10VB1-01(7.0)	SOIL	PAH	BENZO(K)FLUORANTHENE	1		UG/KG
TRVB10VB1-01(7.0)	SOIL	PAH	CHRYSENE	3		UG/KG
TRVB10VB1-01(7.0)	SOIL	PAH	DIBENZO(A,H)ANTHRACENE	90		UG/KG
TRVB10VB1-01(7.0)	SOIL	PAH	FLUORANTHENE	3		UG/KG
TRVB10VB1-01(7.0)	SOIL	PAH	FLUORENE	2	J	UG/KG
TRVB10VB1-01(7.0)	SOIL	PAH	INDENO(1,2,3-CD)PYRENE	4.8		UG/KG
TRVB10VB1-01(7.0)	SOIL	PAH	2-METHYLNAPHTHALENE	58	U	UG/KG
TRVB10VB1-01(7.0)	SOIL	PAH	NAPHTHALENE	58	U	UG/KG
TRVB10VB1-01(7.0)	SOIL	PAH	PHENANTHRENE	1		UG/KG
TRVB10VB1-01(7.0)	SOIL	PAH	PYRENE	9.2		UG/KG
TRVB10VB1-01(7.0)	SOIL	PAH	1-METHYLNAPHTHALENE	58	U	UG/KG
TRVB10VB1-01(7.0)	SOIL	PAH	ACENAPHTHENE	58	U	UG/KG
TRVB10VB1-01(7.0)	SOIL	PCTMST	PERCENT MOISTURE	14.5		%MST
TRVB10VB1-01(7.0)	SOIL	TPHEXT	JP5 RANGE ORGANICS	12	U	MG/KG
TRVB10VB1-01(7.0)	SOIL	TPHEXT	DIESEL RANGE ORGANICS	12	U	MG/KG
TRVB10VB1-01(7.0)	SOIL	TPHEXT	MOTOR OIL RANGE ORGANICS	6	JZ	MG/KG
TRVB10VB1-01(7.0)	SOIL	TPHEXT	TPH - BUNKER FUEL (C10-C28)	12	U	MG/KG
TRVB10VB1-01(7.0)	SOIL	TPHEXT	TPH - DIESEL F-76 (C8-C28)	12	U	MG/KG
TRVB10VB1-01(7.0)	SOIL	TPHPRG	GASOLINE RANGE ORGANICS	1.2	U	MG/KG
TRVB9VB8(6.5)	SOIL	AROMV	BENZENE	5.6	U	UG/KG
TRVB9VB8(6.5)	SOIL	AROMV	ETHYLBENZENE	5.6	U	UG/KG
TRVB9VB8(6.5)	SOIL	AROMV	TOLUENE	5.6	U	UG/KG
TRVB9VB8(6.5)	SOIL	AROMV	XYLENE (TOTAL)	11	U	UG/KG
TRVB9VB8(6.5)	SOIL	AROMV	METHYL-T-BUTYL ETHER	28	U	UG/KG
TRVB9VB8(6.5)	SOIL	PAH	ACENAPHTHENE	56	U	UG/KG
TRVB9VB8(6.5)	SOIL	PAH	ACENAPHTHYLENE	22	U	UG/KG
TRVB9VB8(6.5)	SOIL	PAH	ANTHRACENE	2.2	U	UG/KG
TRVB9VB8(6.5)	SOIL	PAH	BENZO(A)ANTHRACENE	2.2	U	UG/KG
TRVB9VB8(6.5)	SOIL	PAH	BENZO(A)PYRENE	2.2	U	UG/KG
TRVB9VB8(6.5)	SOIL	PAH	BENZO(B)FLUORANTHENE	2.2	U	UG/KG
TRVB9VB8(6.5)	SOIL	PAH	BENZO(G,H,I)PERYLENE	2.2	U	UG/KG
TRVB9VB8(6.5)	SOIL	PAH	BENZO(K)FLUORANTHENE	2.2	U	UG/KG
TRVB9VB8(6.5)	SOIL	PAH	CHRYSENE	2.2	U	UG/KG
TRVB9VB8(6.5)	SOIL	PAH	DIBENZO(A,H)ANTHRACENE	5.6	U	UG/KG

TABLE D-2 (CONTINUED)
NFD POINT MOLATE
PHASE I CHARACTERIZATION OF USTs AND FUEL PIPELINES
INTERIM SUMMARY MEMORANDUM
SOIL AND GROUNDWATER ANALYTICAL RESULTS FROM EXCAVATIONS AT FUEL PIPELINES AND VALVE BOXES

SAMPLE ID	SAMPLE MEDIA	ANALYTE GROUP	ANALYTE	CONCENTRATION	QUALIFIER	UNITS
TRVB9VB8(6.5)	SOIL	PAH	FLUORANTHENE	2.2	U	UG/KG
TRVB9VB8(6.5)	SOIL	PAH	FLUORENE	2.2	U	UG/KG
TRVB9VB8(6.5)	SOIL	PAH	INDENO(1,2,3-CD)PYRENE	2.2	U	UG/KG
TRVB9VB8(6.5)	SOIL	PAH	2-METHYLNAPHTHALENE	56	U	UG/KG
TRVB9VB8(6.5)	SOIL	PAH	NAPHTHALENE	56	U	UG/KG
TRVB9VB8(6.5)	SOIL	PAH	PHENANTHRENE	2.2	U	UG/KG
TRVB9VB8(6.5)	SOIL	PAH	PYRENE	2.2	U	UG/KG
TRVB9VB8(6.5)	SOIL	PAH	1-METHYLNAPHTHALENE	56	U	UG/KG
TRVB9VB8(6.5)	SOIL	PCTMST	PERCENT MOISTURE	10.6		%MST
TRVB9VB8(6.5)	SOIL	TPHEXT	JP5 RANGE ORGANICS	11	U	MG/KG
TRVB9VB8(6.5)	SOIL	TPHEXT	DIESEL RANGE ORGANICS	11	U	MG/KG
TRVB9VB8(6.5)	SOIL	TPHEXT	MOTOR OIL RANGE ORGANICS	11	U	MG/KG
TRVB9VB8(6.5)	SOIL	TPHEXT	TPH - BUNKER FUEL (C10-C28)	11	U	MG/KG
TRVB9VB8(6.5)	SOIL	TPHEXT	TPH - DIESEL F-76 (C8-C28)	11	U	MG/KG
TRVB9VB8(6.5)	SOIL	TPHPRG	GASOLINE RANGE ORGANICS	1.1	U	MG/KG
TRVB19VB18(5)	SOIL	AROMV	BENZENE	5.6	U	UG/KG
TRVB19VB18(5)	SOIL	AROMV	ETHYLBENZENE	5.6	U	UG/KG
TRVB19VB18(5)	SOIL	AROMV	TOLUENE	5.6	U	UG/KG
TRVB19VB18(5)	SOIL	AROMV	XYLENE (TOTAL)	11	U	UG/KG
TRVB19VB18(5)	SOIL	AROMV	METHYL-T-BUTYL ETHER	28	U	UG/KG
TRVB19VB18(5)	SOIL	PAH	1-METHYLNAPHTHALENE	56	U	UG/KG
TRVB19VB18(5)	SOIL	PAH	ACENAPHTHENE	56	U	UG/KG
TRVB19VB18(5)	SOIL	PAH	ACENAPHTHYLENE	22	U	UG/KG
TRVB19VB18(5)	SOIL	PAH	ANTHRACENE	2.2	U	UG/KG
TRVB19VB18(5)	SOIL	PAH	BENZO(A)ANTHRACENE	2.2	U	UG/KG
TRVB19VB18(5)	SOIL	PAH	BENZO(A)PYRENE	2.2	U	UG/KG
TRVB19VB18(5)	SOIL	PAH	BENZO(B)FLUORANTHENE	2.2	U	UG/KG
TRVB19VB18(5)	SOIL	PAH	BENZO(G,H,I)PERYLENE	2.2	U	UG/KG
TRVB19VB18(5)	SOIL	PAH	BENZO(K)FLUORANTHENE	2.2	U	UG/KG
TRVB19VB18(5)	SOIL	PAH	CHRYSENE	2.2	U	UG/KG
TRVB19VB18(5)	SOIL	PAH	DIBENZO(A,H)ANTHRACENE	5.6	U	UG/KG
TRVB19VB18(5)	SOIL	PAH	FLUORANTHENE	2.2	U	UG/KG
TRVB19VB18(5)	SOIL	PAH	FLUORENE	2.2	U	UG/KG
TRVB19VB18(5)	SOIL	PAH	INDENO(1,2,3-CD)PYRENE	2.2	U	UG/KG
TRVB19VB18(5)	SOIL	PAH	2-METHYLNAPHTHALENE	56	U	UG/KG

TABLE D-2 (CONTINUED)
NFD POINT MOLATE
PHASE I CHARACTERIZATION OF USTs AND FUEL PIPELINES
INTERIM SUMMARY MEMORANDUM
SOIL AND GROUNDWATER ANALYTICAL RESULTS FROM EXCAVATIONS AT FUEL PIPELINES AND VALVE BOXES

SAMPLE ID	SAMPLE MEDIA	ANALYTE GROUP	ANALYTE	CONCENTRATION	QUALIFIER	UNITS
TRVB19VB18(5)	SOIL	PAH	NAPHTHALENE	56	U	UG/KG
TRVB19VB18(5)	SOIL	PAH	PHENANTHRENE	2.2	U	UG/KG
TRVB19VB18(5)	SOIL	PAH	PYRENE	2.2	U	UG/KG
TRVB19VB18(5)	SOIL	PCTMST	PERCENT MOISTURE	11.1		%MST
TRVB19VB18(5)	SOIL	TPHEXT	JP5 RANGE ORGANICS	11	U	MG/KG
TRVB19VB18(5)	SOIL	TPHEXT	DIESEL RANGE ORGANICS	11	U	MG/KG
TRVB19VB18(5)	SOIL	TPHEXT	MOTOR OIL RANGE ORGANICS	11	Z	MG/KG
TRVB19VB18(5)	SOIL	TPHEXT	TPH - BUNKER FUEL (C10-C28)	11	U	MG/KG
TRVB19VB18(5)	SOIL	TPHEXT	TPH - DIESEL F-76 (C8-C28)	11	U	MG/KG
TRVB19VB18(5)	SOIL	TPHPRG	GASOLINE RANGE ORGANICS	1.1	U	MG/KG
TRVB33VB34-01(7)	SOIL	AROMV	BENZENE	5.7	U	UG/KG
TRVB33VB34-01(7)	SOIL	AROMV	ETHYLBENZENE	5.7	U	UG/KG
TRVB33VB34-01(7)	SOIL	AROMV	TOLUENE	5.7	U	UG/KG
TRVB33VB34-01(7)	SOIL	AROMV	XYLENE (TOTAL)	11	U	UG/KG
TRVB33VB34-01(7)	SOIL	AROMV	METHYL-T-BUTYL ETHER	28	U	UG/KG
TRVB33VB34-01(7)	SOIL	PAH	ACENAPHTHENE	280	U	UG/KG
TRVB33VB34-01(7)	SOIL	PAH	ACENAPHTHYLENE	110	U	UG/KG
TRVB33VB34-01(7)	SOIL	PAH	ANTHRACENE	11	U	UG/KG
TRVB33VB34-01(7)	SOIL	PAH	BENZO(A)ANTHRACENE	20		UG/KG
TRVB33VB34-01(7)	SOIL	PAH	BENZO(A)PYRENE	51		UG/KG
TRVB33VB34-01(7)	SOIL	PAH	BENZO(B)FLUORANTHENE	20		UG/KG
TRVB33VB34-01(7)	SOIL	PAH	BENZO(G,H,I)PERYLENE	288		UG/KG
TRVB33VB34-01(7)	SOIL	PAH	BENZO(K)FLUORANTHENE	11	U	UG/KG
TRVB33VB34-01(7)	SOIL	PAH	CHRYSENE	20		UG/KG
TRVB33VB34-01(7)	SOIL	PAH	DIBENZO(A,H)ANTHRACENE	589		UG/KG
TRVB33VB34-01(7)	SOIL	PAH	FLUORANTHENE	20		UG/KG
TRVB33VB34-01(7)	SOIL	PAH	FLUORENE	11	U	UG/KG
TRVB33VB34-01(7)	SOIL	PAH	INDENO(1,2,3-CD)PYRENE	32		UG/KG
TRVB33VB34-01(7)	SOIL	PAH	2-METHYLNAPHTHALENE	280	U	UG/KG
TRVB33VB34-01(7)	SOIL	PAH	NAPHTHALENE	280	U	UG/KG
TRVB33VB34-01(7)	SOIL	PAH	PHENANTHRENE	11	J	UG/KG
TRVB33VB34-01(7)	SOIL	PAH	PYRENE	44		UG/KG
TRVB33VB34-01(7)	SOIL	PAH	1-METHYLNAPHTHALENE	280	U	UG/KG
TRVB33VB34-01(7)	SOIL	PCTMST	PERCENT MOISTURE	11.8		%MST
TRVB33VB34-01(7)	SOIL	TMETAL	LEAD	21.2		MG/KG

TABLE D-2 (CONTINUED)
NFD POINT MOLATE
PHASE I CHARACTERIZATION OF USTs AND FUEL PIPELINES
INTERIM SUMMARY MEMORANDUM
SOIL AND GROUNDWATER ANALYTICAL RESULTS FROM EXCAVATIONS AT FUEL PIPELINES AND VALVE BOXES

SAMPLE ID	SAMPLE MEDIA	ANALYTE GROUP	ANALYTE	CONCENTRATION	QUALIFIER	UNITS
TRVB33VB34-01(7)	SOIL	TPHEXT	JP5 RANGE ORGANICS	11	U	MG/KG
TRVB33VB34-01(7)	SOIL	TPHEXT	DIESEL RANGE ORGANICS	11	U	MG/KG
TRVB33VB34-01(7)	SOIL	TPHEXT	MOTOR OIL RANGE ORGANICS	44	Y	MG/KG
TRVB33VB34-01(7)	SOIL	TPHEXT	TPH - BUNKER FUEL (C10-C28)	11	U	MG/KG
TRVB33VB34-01(7)	SOIL	TPHEXT	TPH - DIESEL F-76 (C8-C28)	11	U	MG/KG
TRVB33VB34-01(7)	SOIL	TPHPRG	GASOLINE RANGE ORGANICS	1.1	U	MG/KG
TRVB33VB34-01(7)	SOIL	VOA	4-METHYL-2-PENTANONE	11	U	UG/KG
TRVB33VB34-01(7)	SOIL	VOA	METHYLENE CHLORIDE	2	J	UG/KG
TRVB33VB34-01(7)	SOIL	VOA	TETRACHLOROETHENE	11	U	UG/KG
TRVB33VB34-01(7)	SOIL	VOA	STYRENE	11	U	UG/KG
TRVB33VB34-01(7)	SOIL	VOA	1,1,1-TRICHLOROETHANE	11	U	UG/KG
TRVB33VB34-01(7)	SOIL	VOA	1,1,2-TRICHLOROETHANE	11	U	UG/KG
TRVB33VB34-01(7)	SOIL	VOA	TRICHLOROETHENE	11	U	UG/KG
TRVB33VB34-01(7)	SOIL	VOA	1,1,2,2-TETRACHLOROETHANE	11	U	UG/KG
TRVB33VB34-01(7)	SOIL	VOA	TOLUENE	11	U	UG/KG
TRVB33VB34-01(7)	SOIL	VOA	TRANS-1,3-DICHLOROPROPENE	11	U	UG/KG
TRVB33VB34-01(7)	SOIL	VOA	VINYL CHLORIDE	11	U	UG/KG
TRVB33VB34-01(7)	SOIL	VOA	XYLENE (TOTAL)	11	U	UG/KG
TRVB33VB34-01(7)	SOIL	VOA	2-HEXANONE	11	U	UG/KG
TRVB33VB34-01(7)	SOIL	VOA	ACETONE	2	JB	UG/KG
TRVB33VB34-01(7)	SOIL	VOA	BENZENE	11	U	UG/KG
TRVB33VB34-01(7)	SOIL	VOA	BROMOMETHANE	11	U	UG/KG
TRVB33VB34-01(7)	SOIL	VOA	BROMOFORM	11	U	UG/KG
TRVB33VB34-01(7)	SOIL	VOA	2-BUTANONE	11	U	UG/KG
TRVB33VB34-01(7)	SOIL	VOA	CARBON TETRACHLORIDE	11	U	UG/KG
TRVB33VB34-01(7)	SOIL	VOA	CARBON DISULFIDE	11	U	UG/KG
TRVB33VB34-01(7)	SOIL	VOA	CHLOROBENZENE	11	U	UG/KG
TRVB33VB34-01(7)	SOIL	VOA	CHLOROETHANE	11	U	UG/KG
TRVB33VB34-01(7)	SOIL	VOA	CHLOROFORM	11	U	UG/KG
TRVB33VB34-01(7)	SOIL	VOA	CHLOROMETHANE	11	U	UG/KG
TRVB33VB34-01(7)	SOIL	VOA	CIS-1,3-DICHLOROPROPENE	11	U	UG/KG
TRVB33VB34-01(7)	SOIL	VOA	1,1-DICHLOROETHANE	11	U	UG/KG
TRVB33VB34-01(7)	SOIL	VOA	1,2-DICHLOROETHANE	11	U	UG/KG
TRVB33VB34-01(7)	SOIL	VOA	1,1-DICHLOROETHENE	11	U	UG/KG
TRVB33VB34-01(7)	SOIL	VOA	1,2-DICHLOROETHENE (TOTAL)	11	U	UG/KG

TABLE D-2 (CONTINUED)
NFD POINT MOLATE
PHASE I CHARACTERIZATION OF USTs AND FUEL PIPELINES
INTERIM SUMMARY MEMORANDUM
SOIL AND GROUNDWATER ANALYTICAL RESULTS FROM EXCAVATIONS AT FUEL PIPELINES AND VALVE BOXES

SAMPLE ID	SAMPLE MEDIA	ANALYTE GROUP	ANALYTE	CONCENTRATION	QUALIFIER	UNITS
TRVB33VB34-01(7)	SOIL	VOA	1,2-DICHLOROPROPANE	11	U	UG/KG
TRVB33VB34-01(7)	SOIL	VOA	DIBROMOCHLOROMETHANE	11	U	UG/KG
TRVB33VB34-01(7)	SOIL	VOA	BROMODICHLOROMETHANE	11	U	UG/KG
TRVB33VB34-01(7)	SOIL	VOA	ETHYLBENZENE	11	U	UG/KG
TRT21VB36(5)	SOIL	ANION	NITRATE	8		MG/KG
TRT21VB36(5)	SOIL	ANION	SULFATE	87		MG/KG
TRT21VB36(5)	SOIL	AROMV	METHYL-T-BUTYL ETHER	28	U	UG/KG
TRT21VB36(5)	SOIL	AROMV	XYLENE (TOTAL)	11	U	UG/KG
TRT21VB36(5)	SOIL	AROMV	BENZENE	5.6	U	UG/KG
TRT21VB36(5)	SOIL	AROMV	ETHYLBENZENE	5.6	U	UG/KG
TRT21VB36(5)	SOIL	AROMV	TOLUENE	5.6	U	UG/KG
TRT21VB36(5)	SOIL	OXYD	BIOCHEMICAL OXYGEN DEMANI	13		MGO2/KG
TRT21VB36(5)	SOIL	PAH	BENZO(G,H,I)PERYLENE	2.2	U	UG/KG
TRT21VB36(5)	SOIL	PAH	BENZO(K)FLUORANTHENE	2.2	U	UG/KG
TRT21VB36(5)	SOIL	PAH	CHRYSENE	2.2	U	UG/KG
TRT21VB36(5)	SOIL	PAH	DIBENZO(A,H)ANTHRACENE	5.6	U	UG/KG
TRT21VB36(5)	SOIL	PAH	FLUORANTHENE	2.2	U	UG/KG
TRT21VB36(5)	SOIL	PAH	FLUORENE	2.2	U	UG/KG
TRT21VB36(5)	SOIL	PAH	INDENO(1,2,3-CD)PYRENE	2.2	U	UG/KG
TRT21VB36(5)	SOIL	PAH	2-METHYLNAPHTHALENE	56	U	UG/KG
TRT21VB36(5)	SOIL	PAH	NAPHTHALENE	56	U	UG/KG
TRT21VB36(5)	SOIL	PAH	PHENANTHRENE	2.2	U	UG/KG
TRT21VB36(5)	SOIL	PAH	PYRENE	2.2	U	UG/KG
TRT21VB36(5)	SOIL	PAH	1-METHYLNAPHTHALENE	56	U	UG/KG
TRT21VB36(5)	SOIL	PAH	BENZO(A)PYRENE	2.2	U	UG/KG
TRT21VB36(5)	SOIL	PAH	BENZO(B)FLUORANTHENE	2.2	U	UG/KG
TRT21VB36(5)	SOIL	PAH	ACENAPHTHENE	56	U	UG/KG
TRT21VB36(5)	SOIL	PAH	ACENAPHTHYLENE	22	U	UG/KG
TRT21VB36(5)	SOIL	PAH	ANTHRACENE	2.2	U	UG/KG
TRT21VB36(5)	SOIL	PAH	BENZO(A)ANTHRACENE	2.2	U	UG/KG
TRT21VB36(5)	SOIL	PCTMST	PERCENT MOISTURE	10.2		%MST
TRT21VB36(5)	SOIL	TMETAL	LEAD	12.1		MG/KG
TRT21VB36(5)	SOIL	TOC	TOTAL ORGANIC CARBON	1600		MG/KG
TRT21VB36(5)	SOIL	TPHEXT	TPH - DIESEL F-76 (C8-C28)	11	U	MG/KG
TRT21VB36(5)	SOIL	TPHEXT	JP5 RANGE ORGANICS	11	U	MG/KG

TABLE D-2 (CONTINUED)
NFD POINT MOLATE
PHASE I CHARACTERIZATION OF USTs AND FUEL PIPELINES
INTERIM SUMMARY MEMORANDUM
SOIL AND GROUNDWATER ANALYTICAL RESULTS FROM EXCAVATIONS AT FUEL PIPELINES AND VALVE BOXES

SAMPLE ID	SAMPLE MEDIA	ANALYTE GROUP	ANALYTE	CONCENTRATION	QUALIFIER	UNITS
TRT21VB36(5)	SOIL	TPHEXT	DIESEL RANGE ORGANICS	11	U	MG/KG
TRT21VB36(5)	SOIL	TPHEXT	MOTOR OIL RANGE ORGANICS	11	U	MG/KG
TRT21VB36(5)	SOIL	TPHEXT	TPH - BUNKER FUEL (C10-C28)	11	U	MG/KG
TRT21VB36(5)	SOIL	TPHPRG	GASOLINE RANGE ORGANICS	1.1	U	MG/KG
TRT21VB36(5)	SOIL	VOA	CARBON DISULFIDE	11	U	UG/KG
TRT21VB36(5)	SOIL	VOA	CHLOROBENZENE	11	U	UG/KG
TRT21VB36(5)	SOIL	VOA	CHLOROETHANE	11	U	UG/KG
TRT21VB36(5)	SOIL	VOA	CHLOROFORM	11	U	UG/KG
TRT21VB36(5)	SOIL	VOA	CHLOROMETHANE	11	U	UG/KG
TRT21VB36(5)	SOIL	VOA	CIS-1,3-DICHLOROPROPENE	11	U	UG/KG
TRT21VB36(5)	SOIL	VOA	1,1-DICHLOROETHANE	11	U	UG/KG
TRT21VB36(5)	SOIL	VOA	1,2-DICHLOROETHANE	11	U	UG/KG
TRT21VB36(5)	SOIL	VOA	1,1-DICHLOROETHENE	11	U	UG/KG
TRT21VB36(5)	SOIL	VOA	1,2-DICHLOROETHENE (TOTAL)	11	U	UG/KG
TRT21VB36(5)	SOIL	VOA	1,2-DICHLOROPROPANE	11	U	UG/KG
TRT21VB36(5)	SOIL	VOA	DIBROMOCHLOROMETHANE	11	U	UG/KG
TRT21VB36(5)	SOIL	VOA	BROMODICHLOROMETHANE	11	U	UG/KG
TRT21VB36(5)	SOIL	VOA	ETHYLBENZENE	11	U	UG/KG
TRT21VB36(5)	SOIL	VOA	2-HEXANONE	11	U	UG/KG
TRT21VB36(5)	SOIL	VOA	4-METHYL-2-PENTANONE	11	U	UG/KG
TRT21VB36(5)	SOIL	VOA	METHYLENE CHLORIDE	2	J	UG/KG
TRT21VB36(5)	SOIL	VOA	TETRACHLOROETHENE	11	U	UG/KG
TRT21VB36(5)	SOIL	VOA	STYRENE	11	U	UG/KG
TRT21VB36(5)	SOIL	VOA	1,1,1-TRICHLOROETHANE	11	U	UG/KG
TRT21VB36(5)	SOIL	VOA	1,1,2-TRICHLOROETHANE	11	U	UG/KG
TRT21VB36(5)	SOIL	VOA	TRICHLOROETHENE	11	U	UG/KG
TRT21VB36(5)	SOIL	VOA	1,1,2,2-TETRACHLOROETHANE	11	U	UG/KG
TRT21VB36(5)	SOIL	VOA	TOLUENE	11	U	UG/KG
TRT21VB36(5)	SOIL	VOA	TRANS-1,3-DICHLOROPROPENE	11	U	UG/KG
TRT21VB36(5)	SOIL	VOA	VINYL CHLORIDE	11	U	UG/KG
TRT21VB36(5)	SOIL	VOA	XYLENE (TOTAL)	11	U	UG/KG
TRT21VB36(5)	SOIL	VOA	CARBON TETRACHLORIDE	11	U	UG/KG
TRT21VB36(5)	SOIL	VOA	ACETONE	2	JB	UG/KG
TRT21VB36(5)	SOIL	VOA	BENZENE	11	U	UG/KG
TRT21VB36(5)	SOIL	VOA	BROMOMETHANE	11	U	UG/KG

TABLE D-2 (CONTINUED)
NFD POINT MOLATE
PHASE I CHARACTERIZATION OF USTs AND FUEL PIPELINES
INTERIM SUMMARY MEMORANDUM
SOIL AND GROUNDWATER ANALYTICAL RESULTS FROM EXCAVATIONS AT FUEL PIPELINES AND VALVE BOXES

SAMPLE ID	SAMPLE MEDIA	ANALYTE GROUP	ANALYTE	CONCENTRATION	QUALIFIER	UNITS
TRT21VB36(5)	SOIL	VOA	BROMOFORM	11	U	UG/KG
TRT21VB36(5)	SOIL	VOA	2-BUTANONE	11	U	UG/KG
TRT22VB35(6)	SOIL	AROMV	BENZENE	6.2	U	UG/KG
TRT22VB35(6)	SOIL	AROMV	ETHYLBENZENE	6.2	U	UG/KG
TRT22VB35(6)	SOIL	AROMV	TOLUENE	6.2	U	UG/KG
TRT22VB35(6)	SOIL	AROMV	XYLENE (TOTAL)	12	U	UG/KG
TRT22VB35(6)	SOIL	AROMV	METHYL-T-BUTYL ETHER	31	U	UG/KG
TRT22VB35(6)	SOIL	PAH	ACENAPHTHENE	62	U	UG/KG
TRT22VB35(6)	SOIL	PAH	ACENAPHTHYLENE	25	U	UG/KG
TRT22VB35(6)	SOIL	PAH	ANTHRACENE	2.5	U	UG/KG
TRT22VB35(6)	SOIL	PAH	BENZO(A)ANTHRACENE	2.5	U	UG/KG
TRT22VB35(6)	SOIL	PAH	BENZO(A)PYRENE	2.5	U	UG/KG
TRT22VB35(6)	SOIL	PAH	BENZO(B)FLUORANTHENE	2.5	U	UG/KG
TRT22VB35(6)	SOIL	PAH	BENZO(G,H,I)PERYLENE	2.5	U	UG/KG
TRT22VB35(6)	SOIL	PAH	BENZO(K)FLUORANTHENE	2.5	U	UG/KG
TRT22VB35(6)	SOIL	PAH	CHRYSENE	2.5	U	UG/KG
TRT22VB35(6)	SOIL	PAH	DIBENZO(A,H)ANTHRACENE	6.2	U	UG/KG
TRT22VB35(6)	SOIL	PAH	FLUORANTHENE	2.5	U	UG/KG
TRT22VB35(6)	SOIL	PAH	FLUORENE	2.5	U	UG/KG
TRT22VB35(6)	SOIL	PAH	INDENO(1,2,3-CD)PYRENE	2.5	U	UG/KG
TRT22VB35(6)	SOIL	PAH	2-METHYLNAPHTHALENE	62	U	UG/KG
TRT22VB35(6)	SOIL	PAH	NAPHTHALENE	62	U	UG/KG
TRT22VB35(6)	SOIL	PAH	PHENANTHRENE	2.5	U	UG/KG
TRT22VB35(6)	SOIL	PAH	PYRENE	2.5	U	UG/KG
TRT22VB35(6)	SOIL	PAH	1-METHYLNAPHTHALENE	62	U	UG/KG
TRT22VB35(6)	SOIL	PCTMST	PERCENT MOISTURE	19.3		%MST
TRT22VB35(6)	SOIL	TMETAL	LEAD	17.3		MG/KG
TRT22VB35(6)	SOIL	TPHEXT	JP5 RANGE ORGANICS	62	U	MG/KG
TRT22VB35(6)	SOIL	TPHEXT	DIESEL RANGE ORGANICS	62	U	MG/KG
TRT22VB35(6)	SOIL	TPHEXT	MOTOR OIL RANGE ORGANICS	450	Y	MG/KG
TRT22VB35(6)	SOIL	TPHEXT	TPH - BUNKER FUEL (C10-C28)	62	U	MG/KG
TRT22VB35(6)	SOIL	TPHEXT	TPH - DIESEL F-76 (C8-C28)	62	U	MG/KG
TRT22VB35(6)	SOIL	TPHPRG	GASOLINE RANGE ORGANICS	1.2	U	MG/KG
TRT22VB35(6)	SOIL	VOA	BROMODICHLOROMETHANE	12	U	UG/KG
TRT22VB35(6)	SOIL	VOA	ETHYLBENZENE	12	U	UG/KG

TABLE D-2 (CONTINUED)
NFD POINT MOLATE
PHASE I CHARACTERIZATION OF USTs AND FUEL PIPELINES
INTERIM SUMMARY MEMORANDUM
SOIL AND GROUNDWATER ANALYTICAL RESULTS FROM EXCAVATIONS AT FUEL PIPELINES AND VALVE BOXES

SAMPLE ID	SAMPLE MEDIA	ANALYTE GROUP	ANALYTE	CONCENTRATION	QUALIFIER	UNITS
TRT22VB35(6)	SOIL	VOA	2-HEXANONE	12	U	UG/KG
TRT22VB35(6)	SOIL	VOA	4-METHYL-2-PENTANONE	12	U	UG/KG
TRT22VB35(6)	SOIL	VOA	METHYLENE CHLORIDE	2	J	UG/KG
TRT22VB35(6)	SOIL	VOA	TETRACHLOROETHENE	12	U	UG/KG
TRT22VB35(6)	SOIL	VOA	STYRENE	12	U	UG/KG
TRT22VB35(6)	SOIL	VOA	1,1,1-TRICHLOROETHANE	12	U	UG/KG
TRT22VB35(6)	SOIL	VOA	1,1,2-TRICHLOROETHANE	12	U	UG/KG
TRT22VB35(6)	SOIL	VOA	TRICHLOROETHENE	12	U	UG/KG
TRT22VB35(6)	SOIL	VOA	1,1,2,2-TETRACHLOROETHANE	12	U	UG/KG
TRT22VB35(6)	SOIL	VOA	TOLUENE	12	U	UG/KG
TRT22VB35(6)	SOIL	VOA	TRANS-1,3-DICHLOROPROPENE	12	U	UG/KG
TRT22VB35(6)	SOIL	VOA	VINYL CHLORIDE	12	U	UG/KG
TRT22VB35(6)	SOIL	VOA	XYLENE (TOTAL)	12	U	UG/KG
TRT22VB35(6)	SOIL	VOA	DIBROMOCHLOROMETHANE	12	U	UG/KG
TRT22VB35(6)	SOIL	VOA	ACETONE	2	JB	UG/KG
TRT22VB35(6)	SOIL	VOA	BENZENE	12	U	UG/KG
TRT22VB35(6)	SOIL	VOA	BROMOMETHANE	12	U	UG/KG
TRT22VB35(6)	SOIL	VOA	BROMOFORM	12	U	UG/KG
TRT22VB35(6)	SOIL	VOA	2-BUTANONE	12	U	UG/KG
TRT22VB35(6)	SOIL	VOA	CARBON TETRACHLORIDE	12	U	UG/KG
TRT22VB35(6)	SOIL	VOA	CARBON DISULFIDE	12	U	UG/KG
TRT22VB35(6)	SOIL	VOA	CHLOROBENZENE	12	U	UG/KG
TRT22VB35(6)	SOIL	VOA	CHLOROETHANE	12	U	UG/KG
TRT22VB35(6)	SOIL	VOA	CHLOROFORM	12	U	UG/KG
TRT22VB35(6)	SOIL	VOA	CHLOROMETHANE	12	U	UG/KG
TRT22VB35(6)	SOIL	VOA	CIS-1,3-DICHLOROPROPENE	12	U	UG/KG

TABLE D-2 (CONTINUED)
NFD POINT MOLATE
PHASE I CHARACTERIZATION OF USTs AND FUEL PIPELINES
INTERIM SUMMARY MEMORANDUM
SOIL AND GROUNDWATER ANALYTICAL RESULTS FROM EXCAVATIONS AT FUEL PIPELINES AND VALVE BOXES

SAMPLE ID	SAMPLE MEDIA	ANALYTE GROUP	ANALYTE	CONCENTRATION	QUALIFIER	UNITS
TRT22VB35(6)	SOIL	VOA	1,1-DICHLOROETHANE	12	U	UG/KG
TRT22VB35(6)	SOIL	VOA	1,2-DICHLOROETHANE	12	U	UG/KG
TRT22VB35(6)	SOIL	VOA	1,1-DICHLOROETHENE	12	U	UG/KG
TRT22VB35(6)	SOIL	VOA	1,2-DICHLOROETHENE (TOTAL)	12	U	UG/KG
TRT22VB35(6)	SOIL	VOA	1,2-DICHLOROPROPANE	12	U	UG/KG

Notes:

TRVB19T29 (7.0-7.5) is a blind duplicate sample of TRVB8VB7-03 (7-7.5).
TRVB19VB18 (5.0) is a blind duplicate sample of TRVB9VB8-01 (6.5).
WTVB17VB16-01 (10.0) is a blind duplicate sample of WTVB7VB6-01 (10.5).
J = Less than reporting limit (RL) but greater than MDL, or estimated result
U = Not detected or less than method dection limit (MDL)
Y = The chromatograph response did not resemble a typical fuel pattern
Z = No fuel pattern (individual peaks only)

mg/L	Milligrams per liter
µg/L	Micrograms per liter
AromV	Aromatic volatile analysis
PAH	Polynuclear aromatic hydrocarbon
SVOC	Semivolatile organic compound
TPHEXT	Total petroleum hydrocarbon-extractable
TPHPRG	Total petroleum hydrocarbon-purgeable

TABLE D-3
NFD POINT MOLATE
PHASE I CHARACTERIZATION OF USTs AND FUEL PIPELINES
INTERMIM SUMMARY MEMORANDUM
SOIL AND GROUNDWATER ANALYTICAL RESULTS FROM SURFICIAL SOIL AND SEEP CHARACTERIZATION

SAMPLE ID	SAMPLE MEDIA	ANALYTE GROUP	ANALYTE	CONCENTRATION	QUALIFIER	UNITS
TR06-01	SOIL	PAH	DIBENZO(A,H)ANTHRACENE	0.5		UG/KG
TR06-01	SOIL	PAH	FLUORANTHENE	4.5		UG/KG
TR06-01	SOIL	PAH	FLUORENE	0.1	U	UG/KG
TR06-01	SOIL	PAH	INDENO(1,2,3-CD)PYRENE	0.8		UG/KG
TR06-01	SOIL	PAH	NAPHTHALENE	1.8		UG/KG
TR06-01	SOIL	PAH	PHENANTHRENE	2.9		UG/KG
TR06-01	SOIL	PAH	PYRENE	3.6		UG/KG
TR06-01	SOIL	PAH	CHRYSENE	4.3		UG/KG
TR06-01	SOIL	PAH	ACENAPHTHENE	0.1	U	UG/KG
TR06-01	SOIL	PAH	ACENAPHTHYLENE	3.4		UG/KG
TR06-01	SOIL	PAH	ANTHRACENE	0.1	U	UG/KG
TR06-01	SOIL	PAH	BENZO(A)ANTHRACENE	0.9		UG/KG
TR06-01	SOIL	PAH	BENZO(A)PYRENE	0.6		UG/KG
TR06-01	SOIL	PAH	BENZO(B)FLUORANTHENE	3.6		UG/KG
TR06-01	SOIL	PAH	BENZO(G,H,I)PERYLENE	1.2		UG/KG
TR06-01	SOIL	PAH	BENZO(K)FLUORANTHENE	1.1		UG/KG
TR06-01	SOIL	PCTMST	PERCENT MOISTURE	10.7		%MST
TR06-01	SOIL	TPHEXT	JP5 RANGE ORGANICS	21.3		MG/KG
TR06-01	SOIL	TPHEXT	DIESEL RANGE ORGANICS	32.4		MG/KG
TR06-01	SOIL	TPHEXT	MOTOR OIL RANGE ORGANICS	42.0		MG/KG
TR06-01	SOIL	TPHEXT	JP4 RANGE ORGANICS	12.7		MG/KG
TR06-01	SOIL	TPHEXT	TPH - BUNKER FUEL (C10-C28)	67.5		MG/KG
TR05-02	SOIL	PAH	ACENAPHTHENE	0.1	U	UG/KG
TR05-02	SOIL	PAH	ACENAPHTHYLENE	0.1	U	UG/KG
TR05-02	SOIL	PAH	ANTHRACENE	0.1	U	UG/KG
TR05-02	SOIL	PAH	BENZO(A)ANTHRACENE	0.7		UG/KG
TR05-02	SOIL	PAH	BENZO(A)PYRENE	0.1	U	UG/KG
TR05-02	SOIL	PAH	BENZO(B)FLUORANTHENE	2.0		UG/KG
TR05-02	SOIL	PAH	BENZO(G,H,I)PERYLENE	1.4		UG/KG
TR05-02	SOIL	PAH	BENZO(K)FLUORANTHENE	0.1	U	UG/KG
TR05-02	SOIL	PAH	CHRYSENE	2.9		UG/KG
TR05-02	SOIL	PAH	DIBENZO(A,H)ANTHRACENE	0.9		UG/KG
TR05-02	SOIL	PAH	FLUORANTHENE	5.1		UG/KG
TR05-02	SOIL	PAH	FLUORENE	0.1	U	UG/KG

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NFD POINT MOLATE
PHASE I CHARACTERIZATION OF USTs AND FUEL PIPELINES
INTERMIM SUMMARY MEMORANDUM
SOIL AND GROUNDWATER ANALYTICAL RESULTS FROM SURFICIAL SOIL AND SEEP CHARACTERIZATION

SAMPLE ID	SAMPLE MEDIA	ANALYTE GROUP	ANALYTE	CONCENTRATION	QUALIFIER	UNITS
TR05-02	SOIL	PAH	INDENO(1,2,3-CD)PYRENE	0.8		UG/KG
TR05-02	SOIL	PAH	NAPHTHALENE	1.3		UG/KG
TR05-02	SOIL	PAH	PHENANTHRENE	7.8		UG/KG
TR05-02	SOIL	PAH	PYRENE	7.1		UG/KG
TR05-02	SOIL	PCTMST	PERCENT MOISTURE	12.2		%MST
TR05-02	SOIL	TPHEXT	JP5 RANGE ORGANICS	60.1		MG/KG
TR05-02	SOIL	TPHEXT	DIESEL RANGE ORGANICS	113.2		MG/KG
TR05-02	SOIL	TPHEXT	MOTOR OIL RANGE ORGANICS	179.4		MG/KG
TR05-02	SOIL	TPHEXT	JP4 RANGE ORGANICS	29.9		MG/KG
TR05-02	SOIL	TPHEXT	TPH - BUNKER FUEL (C10-C28)	279.5		MG/KG
TR04-02	SOIL	PAH	ACENAPHTHENE	0.1	U	UG/KG
TR04-02	SOIL	PAH	ACENAPHTHYLENE	0.1	U	UG/KG
TR04-02	SOIL	PAH	ANTHRACENE	0.1	U	UG/KG
TR04-02	SOIL	PAH	BENZO(A)ANTHRACENE	0.3		UG/KG
TR04-02	SOIL	PAH	BENZO(A)PYRENE	0.1	U	UG/KG
TR04-02	SOIL	PAH	BENZO(B)FLUORANTHENE	1.1		UG/KG
TR04-02	SOIL	PAH	BENZO(G,H,I)PERYLENE	0.1	U	UG/KG
TR04-02	SOIL	PAH	BENZO(K)FLUORANTHENE	0.4		UG/KG
TR04-02	SOIL	PAH	CHRYSENE	1.5		UG/KG
TR04-02	SOIL	PAH	DIBENZO(A,H)ANTHRACENE	0.1	U	UG/KG
TR04-02	SOIL	PAH	FLUORANTHENE	1.2		UG/KG
TR04-02	SOIL	PAH	FLUORENE	0.1	U	UG/KG
TR04-02	SOIL	PAH	INDENO(1,2,3-CD)PYRENE	0.1	U	UG/KG
TR04-02	SOIL	PAH	NAPHTHALENE	0.9		UG/KG
TR04-02	SOIL	PAH	PHENANTHRENE	1.5		UG/KG
TR04-02	SOIL	PAH	PYRENE	1.1		UG/KG
TR04-02	SOIL	PCTMST	PERCENT MOISTURE	9.1		%MST
TR04-02	SOIL	TPHEXT	JP5 RANGE ORGANICS	3.1		MG/KG
TR04-02	SOIL	TPHEXT	DIESEL RANGE ORGANICS	3.7		MG/KG
TR04-02	SOIL	TPHEXT	MOTOR OIL RANGE ORGANICS	14.9		MG/KG
TR04-02	SOIL	TPHEXT	JP4 RANGE ORGANICS	2.1		MG/KG
TR04-02	SOIL	TPHEXT	TPH - BUNKER FUEL (C10-C28)	13.9		MG/KG
TR03-05	SOIL	PAH	DIBENZO(A,H)ANTHRACENE	0.3		UG/KG
TR03-05	SOIL	PAH	FLUORANTHENE	1.3		UG/KG

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SAMPLE ID	SAMPLE MEDIA	ANALYTE GROUP	ANALYTE	CONCENTRATION	QUALIFIER	UNITS
TR03-05	SOIL	PAH	FLUORENE	0.1	U	UG/KG
TR03-05	SOIL	PAH	INDENO(1,2,3-CD)PYRENE	0.5		UG/KG
TR03-05	SOIL	PAH	NAPHTHALENE	1.1		UG/KG
TR03-05	SOIL	PAH	PHENANTHRENE	1.2		UG/KG
TR03-05	SOIL	PAH	PYRENE	1.5		UG/KG
TR03-05	SOIL	PAH	CHRYSENE	2.3		UG/KG
TR03-05	SOIL	PAH	ACENAPHTHENE	0.1	U	UG/KG
TR03-05	SOIL	PAH	ACENAPHTHYLENE	0.1	U	UG/KG
TR03-05	SOIL	PAH	ANTHRACENE	0.1	U	UG/KG
TR03-05	SOIL	PAH	BENZO(A)ANTHRACENE	0.5		UG/KG
TR03-05	SOIL	PAH	BENZO(A)PYRENE	0.4		UG/KG
TR03-05	SOIL	PAH	BENZO(B)FLUORANTHENE	2.0		UG/KG
TR03-05	SOIL	PAH	BENZO(G,H,I)PERYLENE	1.0		UG/KG
TR03-05	SOIL	PAH	BENZO(K)FLUORANTHENE	0.6		UG/KG
TR03-05	SOIL	PCTMST	PERCENT MOISTURE	9.7		%MST
TR03-05	SOIL	TPHEXT	JP5 RANGE ORGANICS	7.3		MG/KG
TR03-05	SOIL	TPHEXT	DIESEL RANGE ORGANICS	17.1		MG/KG
TR03-05	SOIL	TPHEXT	MOTOR OIL RANGE ORGANICS	26.2		MG/KG
TR03-05	SOIL	TPHEXT	JP4 RANGE ORGANICS	2.8		MG/KG
TR03-05	SOIL	TPHEXT	TPH - BUNKER FUEL (C10-C28)	38.0		MG/KG
TR03-06	SOIL	PAH	ACENAPHTHENE	0.1	U	UG/KG
TR03-06	SOIL	PAH	ACENAPHTHYLENE	0.1		UG/KG
TR03-06	SOIL	PAH	ANTHRACENE	0.7		UG/KG
TR03-06	SOIL	PAH	BENZO(A)ANTHRACENE	0.5		UG/KG
TR03-06	SOIL	PAH	BENZO(A)PYRENE	1.3		UG/KG
TR03-06	SOIL	PAH	BENZO(B)FLUORANTHENE	2.5		UG/KG
TR03-06	SOIL	PAH	BENZO(G,H,I)PERYLENE	1.9		UG/KG
TR03-06	SOIL	PAH	BENZO(K)FLUORANTHENE	0.1	U	UG/KG
TR03-06	SOIL	PAH	CHRYSENE	4.9		UG/KG
TR03-06	SOIL	PAH	DIBENZO(A,H)ANTHRACENE	1.1		UG/KG
TR03-06	SOIL	PAH	FLUORANTHENE	0.6		UG/KG
TR03-06	SOIL	PAH	FLUORENE	0.1	U	UG/KG
TR03-06	SOIL	PAH	INDENO(1,2,3-CD)PYRENE	0.5		UG/KG
TR03-06	SOIL	PAH	NAPHTHALENE	1.0		UG/KG

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SAMPLE ID	SAMPLE MEDIA	ANALYTE GROUP	ANALYTE	CONCENTRATION	QUALIFIER	UNITS
TR03-06	SOIL	PAH	PHENANTHRENE	0.9		UG/KG
TR03-06	SOIL	PAH	PYRENE	1.1		UG/KG
TR03-06	SOIL	PCTMST	PERCENT MOISTURE	9.8		%MST
TR03-06	SOIL	TPHEXT	JP5 RANGE ORGANICS	7.9		MG/KG
TR03-06	SOIL	TPHEXT	DIESEL RANGE ORGANICS	65.0		MG/KG
TR03-06	SOIL	TPHEXT	MOTOR OIL RANGE ORGANICS	104.6		MG/KG
TR03-06	SOIL	TPHEXT	JP4 RANGE ORGANICS	3.8		MG/KG
TR03-06	SOIL	TPHEXT	TPH - BUNKER FUEL (C10-C28)	146.8		MG/KG
TR03-07	SOIL	PAH	ACENAPHTHENE	0.1		UG/KG
TR03-07	SOIL	PAH	ACENAPHTHYLENE	0.1		UG/KG
TR03-07	SOIL	PAH	ANTHRACENE	0.4		UG/KG
TR03-07	SOIL	PAH	BENZO(A)ANTHRACENE	1.1		UG/KG
TR03-07	SOIL	PAH	BENZO(A)PYRENE	1.3		UG/KG
TR03-07	SOIL	PAH	BENZO(B)FLUORANTHENE	3.4		UG/KG
TR03-07	SOIL	PAH	BENZO(G,H,I)PERYLENE	1.6		UG/KG
TR03-07	SOIL	PAH	BENZO(K)FLUORANTHENE	2.0		UG/KG
TR03-07	SOIL	PAH	CHRYSENE	3.3		UG/KG
TR03-07	SOIL	PAH	DIBENZO(A,H)ANTHRACENE	0.6		UG/KG
TR03-07	SOIL	PAH	FLUORANTHENE	1.6		UG/KG
TR03-07	SOIL	PAH	FLUORENE	0.1	U	UG/KG
TR03-07	SOIL	PAH	INDENO(1,2,3-CD)PYRENE	1.8		UG/KG
TR03-07	SOIL	PAH	NAPHTHALENE	1.1		UG/KG
TR03-07	SOIL	PAH	PHENANTHRENE	1.8		UG/KG
TR03-07	SOIL	PAH	PYRENE	2.0		UG/KG
TR03-07	SOIL	PCTMST	PERCENT MOISTURE	14.2		%MST
TR03-07	SOIL	TPHEXT	JP5 RANGE ORGANICS	2.5		MG/KG
TR03-07	SOIL	TPHEXT	DIESEL RANGE ORGANICS	7.6		MG/KG
TR03-07	SOIL	TPHEXT	MOTOR OIL RANGE ORGANICS	35.9		MG/KG
TR03-07	SOIL	TPHEXT	JP4 RANGE ORGANICS	1.9		MG/KG
TR03-07	SOIL	TPHEXT	TPH - BUNKER FUEL (C10-C28)	32.7		MG/KG
TR09-01	SOIL	PAH	ANTHRACENE	0.5		UG/KG
TR09-01	SOIL	PAH	BENZO(A)ANTHRACENE	14.1		UG/KG
TR09-01	SOIL	PAH	BENZO(A)PYRENE	0.3		UG/KG
TR09-01	SOIL	PAH	BENZO(B)FLUORANTHENE	14.0		UG/KG

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SAMPLE ID	SAMPLE MEDIA	ANALYTE GROUP	ANALYTE	CONCENTRATION	QUALIFIER	UNITS
TR09-01	SOIL	PAH	BENZO(G,H,I)PERYLENE	1.2		UG/KG
TR09-01	SOIL	PAH	BENZO(K)FLUORANTHENE	16.4		UG/KG
TR09-01	SOIL	PAH	CHRYSENE	31.9		UG/KG
TR09-01	SOIL	PAH	DIBENZO(A,H)ANTHRACENE	1.1		UG/KG
TR09-01	SOIL	PAH	FLUORANTHENE	46.7		UG/KG
TR09-01	SOIL	PAH	FLUORENE	0.1	U	UG/KG
TR09-01	SOIL	PAH	INDENO(1,2,3-CD)PYRENE	2.7		UG/KG
TR09-01	SOIL	PAH	NAPHTHALENE	0.7		UG/KG
TR09-01	SOIL	PAH	PHENANTHRENE	13.3		UG/KG
TR09-01	SOIL	PAH	PYRENE	47.8		UG/KG
TR09-01	SOIL	PAH	ACENAPHTHYLENE	0.1		UG/KG
TR09-01	SOIL	PAH	ACENAPHTHENE	0.2		UG/KG
TR09-01	SOIL	PCTMST	PERCENT MOISTURE	8.1		%MST
TR09-01	SOIL	TPHEXT	JP5 RANGE ORGANICS	3.0		MG/KG
TR09-01	SOIL	TPHEXT	DIESEL RANGE ORGANICS	6.6		MG/KG
TR09-01	SOIL	TPHEXT	MOTOR OIL RANGE ORGANICS	25.5		MG/KG
TR09-01	SOIL	TPHEXT	JP4 RANGE ORGANICS	1.9		MG/KG
TR09-01	SOIL	TPHEXT	TPH - BUNKER FUEL (C10-C28)	24.7		MG/KG
TR10-01	SOIL	PAH	ACENAPHTHENE	0.1	U	UG/KG
TR10-01	SOIL	PAH	ACENAPHTHYLENE	0.1	U	UG/KG
TR10-01	SOIL	PAH	ANTHRACENE	0.7		UG/KG
TR10-01	SOIL	PAH	BENZO(A)ANTHRACENE	0.1	U	UG/KG
TR10-01	SOIL	PAH	BENZO(A)PYRENE	4.0		UG/KG
TR10-01	SOIL	PAH	BENZO(B)FLUORANTHENE	2.8		UG/KG
TR10-01	SOIL	PAH	BENZO(G,H,I)PERYLENE	11.0		UG/KG
TR10-01	SOIL	PAH	BENZO(K)FLUORANTHENE	1.4		UG/KG
TR10-01	SOIL	PAH	CHRYSENE	7.9		UG/KG
TR10-01	SOIL	PAH	DIBENZO(A,H)ANTHRACENE	2.8		UG/KG
TR10-01	SOIL	PAH	FLUORANTHENE	1.5		UG/KG
TR10-01	SOIL	PAH	FLUORENE	0.1	U	UG/KG
TR10-01	SOIL	PAH	INDENO(1,2,3-CD)PYRENE	2.9		UG/KG
TR10-01	SOIL	PAH	NAPHTHALENE	1.6		UG/KG
TR10-01	SOIL	PAH	PHENANTHRENE	0.9		UG/KG
TR10-01	SOIL	PAH	PYRENE	1.7		UG/KG

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SAMPLE ID	SAMPLE MEDIA	ANALYTE GROUP	ANALYTE	CONCENTRATION	QUALIFIER	UNITS
TR10-01	SOIL	PCTMST	PERCENT MOISTURE	13.8		%MST
TR10-01	SOIL	TPHEXT	JP5 RANGE ORGANICS	0.2	U	MG/KG
TR10-01	SOIL	TPHEXT	DIESEL RANGE ORGANICS	43.9		MG/KG
TR10-01	SOIL	TPHEXT	MOTOR OIL RANGE ORGANICS	317.0		MG/KG
TR10-01	SOIL	TPHEXT	JP4 RANGE ORGANICS	0.2	U	MG/KG
TR10-01	SOIL	TPHEXT	TPH - BUNKER FUEL (C10-C28)	296.2		MG/KG
TR10-02	SOIL	PAH	ACENAPHTHENE	0.1	U	UG/KG
TR10-02	SOIL	PAH	ACENAPHTHYLENE	0.1		UG/KG
TR10-02	SOIL	PAH	ANTHRACENE	0.1		UG/KG
TR10-02	SOIL	PAH	BENZO(A)ANTHRACENE	0.2		UG/KG
TR10-02	SOIL	PAH	BENZO(A)PYRENE	0.1		UG/KG
TR10-02	SOIL	PAH	BENZO(B)FLUORANTHENE	0.2		UG/KG
TR10-02	SOIL	PAH	BENZO(G,H,I)PERYLENE	0.1		UG/KG
TR10-02	SOIL	PAH	BENZO(K)FLUORANTHENE	0.2		UG/KG
TR10-02	SOIL	PAH	CHRYSENE	0.4		UG/KG
TR10-02	SOIL	PAH	DIBENZO(A,H)ANTHRACENE	0.1	U	UG/KG
TR10-02	SOIL	PAH	FLUORANTHENE	0.5		UG/KG
TR10-02	SOIL	PAH	FLUORENE	0.1		UG/KG
TR10-02	SOIL	PAH	INDENO(1,2,3-CD)PYRENE	0.1		UG/KG
TR10-02	SOIL	PAH	NAPHTHALENE	1.2		UG/KG
TR10-02	SOIL	PAH	PHENANTHRENE	0.3		UG/KG
TR10-02	SOIL	PAH	PYRENE	0.5		UG/KG
TR10-02	SOIL	PCTMST	PERCENT MOISTURE	16.3		%MST
TR10-02	SOIL	TPHEXT	JP5 RANGE ORGANICS	0.2		MG/KG
TR10-02	SOIL	TPHEXT	DIESEL RANGE ORGANICS	0.3		MG/KG
TR10-02	SOIL	TPHEXT	MOTOR OIL RANGE ORGANICS	14.9		MG/KG
TR10-02	SOIL	TPHEXT	JP4 RANGE ORGANICS	0.4		MG/KG
TR10-02	SOIL	TPHEXT	TPH - BUNKER FUEL (C10-C28)	12.0		MG/KG
TR02-03	SOIL	AROMV	BENZENE	0.1	U	MG/KG
TR02-03	SOIL	AROMV	ETHYLBENZENE	0.1	U	MG/KG
TR02-03	SOIL	AROMV	TOLUENE	0.1	U	MG/KG
TR02-03	SOIL	AROMV	XYLENE (TOTAL)	0.1	U	MG/KG
TR02-03	SOIL	AROMV	METHYL-T-BUTYL ETHER	0.1	U	MG/KG
TR02-03	SOIL	PAH	BENZO(A)PYRENE	1.2		UG/KG

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SAMPLE ID	SAMPLE MEDIA	ANALYTE GROUP	ANALYTE	CONCENTRATION	QUALIFIER	UNITS
TR02-03	SOIL	PAH	BENZO(B)FLUORANTHENE	2.4		UG/KG
TR02-03	SOIL	PAH	BENZO(G,H,I)PERYLENE	4.3		UG/KG
TR02-03	SOIL	PAH	BENZO(K)FLUORANTHENE	0.1	U	UG/KG
TR02-03	SOIL	PAH	CHRYSENE	2.8		UG/KG
TR02-03	SOIL	PAH	DIBENZO(A,H)ANTHRACENE	1.4		UG/KG
TR02-03	SOIL	PAH	FLUORANTHENE	1.0		UG/KG
TR02-03	SOIL	PAH	FLUORENE	7.2		UG/KG
TR02-03	SOIL	PAH	INDENO(1,2,3-CD)PYRENE	0.1	U	UG/KG
TR02-03	SOIL	PAH	NAPHTHALENE	159.4		UG/KG
TR02-03	SOIL	PAH	PHENANTHRENE	0.9		UG/KG
TR02-03	SOIL	PAH	PYRENE	1.2		UG/KG
TR02-03	SOIL	PAH	BENZO(A)ANTHRACENE	0.1	U	UG/KG
TR02-03	SOIL	PAH	ACENAPHTHENE	0.1	U	UG/KG
TR02-03	SOIL	PAH	ACENAPHTHYLENE	0.1	U	UG/KG
TR02-03	SOIL	PAH	ANTHRACENE	0.1	U	UG/KG
TR02-03	SOIL	PCTMST	PERCENT MOISTURE	13.9		%MST
TR02-03	SOIL	TPHEXT	JP5 RANGE ORGANICS	2756.3		MG/KG
TR02-03	SOIL	TPHEXT	DIESEL RANGE ORGANICS	2529.9		MG/KG
TR02-03	SOIL	TPHEXT	MOTOR OIL RANGE ORGANICS	126.2		MG/KG
TR02-03	SOIL	TPHEXT	JP4 RANGE ORGANICS	2588.6		MG/KG
TR02-03	SOIL	TPHEXT	AROMATICS-EPH(C10-C16)	313.7		MG/KG
TR02-03	SOIL	TPHEXT	TPH - BUNKER FUEL (C10-C28)	547.3		MG/KG
TR02-03	SOIL	TPHEXT	AROMATICS-EPH(C16-C35)	87.8		MG/KG
TR02-03	SOIL	TPHEXT	ALIPHATICS-EPH(C12-C18)	1100.6		MG/KG
TR02-03	SOIL	TPHEXT	ALIPHATICS-EPH(C18-C24)	7.9		MG/KG
TR02-03	SOIL	TPHPRG	GASOLINE RANGE ORGANICS	218.0		MG/KG
TR02-03	SOIL	TPHPRG	ALIPHATICS-VPH(C5-C8)	5.8		MG/KG
TR02-03	SOIL	TPHPRG	ALIPHATICS-VPH(C8-C12)	943.1		MG/KG
TR02-03	SOIL	TPHPRG	AROMATICS-VPH(C6-C8)	1.0	U	MG/KG
TR02-03	SOIL	TPHPRG	AROMATICS-VPH(C8-C10)	0.6		MG/KG
TR08-02	SOIL	PAH	ACENAPHTHENE	0.1	U	UG/KG
TR08-02	SOIL	PAH	ACENAPHTHYLENE	0.1	U	UG/KG
TR08-02	SOIL	PAH	ANTHRACENE	0.1	U	UG/KG
TR08-02	SOIL	PAH	BENZO(A)ANTHRACENE	0.1	U	UG/KG

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SAMPLE ID	SAMPLE MEDIA	ANALYTE GROUP	ANALYTE	CONCENTRATION	QUALIFIER	UNITS
TR08-02	SOIL	PAH	BENZO(A)PYRENE	0.1	U	UG/KG
TR08-02	SOIL	PAH	BENZO(B)FLUORANTHENE	2.1		UG/KG
TR08-02	SOIL	PAH	BENZO(G,H,I)PERYLENE	4.4		UG/KG
TR08-02	SOIL	PAH	BENZO(K)FLUORANTHENE	0.1	U	UG/KG
TR08-02	SOIL	PAH	CHRYSENE	0.1	U	UG/KG
TR08-02	SOIL	PAH	DIBENZO(A,H)ANTHRACENE	0.1	U	UG/KG
TR08-02	SOIL	PAH	FLUORANTHENE	1.3		UG/KG
TR08-02	SOIL	PAH	FLUORENE	6.6		UG/KG
TR08-02	SOIL	PAH	INDENO(1,2,3-CD)PYRENE	0.1	U	UG/KG
TR08-02	SOIL	PAH	NAPHTHALENE	166.1		UG/KG
TR08-02	SOIL	PAH	PHENANTHRENE	0.1	U	UG/KG
TR08-02	SOIL	PAH	PYRENE	1.3		UG/KG
TR08-02	SOIL	PCTMST	PERCENT MOISTURE	14.6		%MST
TR08-02	SOIL	TPHEXT	JP5 RANGE ORGANICS	880.8		MG/KG
TR08-02	SOIL	TPHEXT	DIESEL RANGE ORGANICS	2704.2		MG/KG
TR08-02	SOIL	TPHEXT	MOTOR OIL RANGE ORGANICS	2388.1		MG/KG
TR08-02	SOIL	TPHEXT	JP4 RANGE ORGANICS	2659.9		MG/KG
TR08-02	SOIL	TPHEXT	TPH - BUNKER FUEL (C10-C28)	122.1		MG/KG
TR02-04	SOIL	AROMV	BENZENE	0.1	U	MG/KG
TR02-04	SOIL	AROMV	ETHYLBENZENE	0.1	U	MG/KG
TR02-04	SOIL	AROMV	TOLUENE	0.1	U	MG/KG
TR02-04	SOIL	AROMV	XYLENE (TOTAL)	0.1	U	MG/KG
TR02-04	SOIL	AROMV	METHYL-T-BUTYL ETHER	0.1	U	MG/KG
TR02-04	SOIL	PAH	ACENAPHTHENE	0.1	U	UG/KG
TR02-04	SOIL	PAH	ACENAPHTHYLENE	0.1	U	UG/KG
TR02-04	SOIL	PAH	ANTHRACENE	0.1	U	UG/KG
TR02-04	SOIL	PAH	BENZO(A)ANTHRACENE	1.5		UG/KG
TR02-04	SOIL	PAH	BENZO(A)PYRENE	2.4		UG/KG
TR02-04	SOIL	PAH	BENZO(B)FLUORANTHENE	1.5		UG/KG
TR02-04	SOIL	PAH	BENZO(G,H,I)PERYLENE	2.6		UG/KG
TR02-04	SOIL	PAH	BENZO(K)FLUORANTHENE	0.7		UG/KG
TR02-04	SOIL	PAH	CHRYSENE	3.9		UG/KG
TR02-04	SOIL	PAH	DIBENZO(A,H)ANTHRACENE	0.1	U	UG/KG
TR02-04	SOIL	PAH	FLUORANTHENE	4.2		UG/KG

TABLE D-3
NFD POINT MOLATE
PHASE I CHARACTERIZATION OF USTs AND FUEL PIPELINES
INTERMIM SUMMARY MEMORANDUM
SOIL AND GROUNDWATER ANALYTICAL RESULTS FROM SURFICIAL SOIL AND SEEP CHARACTERIZATION

SAMPLE ID	SAMPLE MEDIA	ANALYTE GROUP	ANALYTE	CONCENTRATION	QUALIFIER	UNITS
TR02-04	SOIL	PAH	FLUORENE	96.5		UG/KG
TR02-04	SOIL	PAH	INDENO(1,2,3-CD)PYRENE	0.1	U	UG/KG
TR02-04	SOIL	PAH	NAPHTHALENE	907.7		UG/KG
TR02-04	SOIL	PAH	PHENANTHRENE	15.9		UG/KG
TR02-04	SOIL	PAH	PYRENE	9.1		UG/KG
TR02-04	SOIL	PCTMST	PERCENT MOISTURE	20.2		%MST
TR02-04	SOIL	TPHEXT	JP5 RANGE ORGANICS	2350.8		MG/KG
TR02-04	SOIL	TPHEXT	DIESEL RANGE ORGANICS	1988.1		MG/KG
TR02-04	SOIL	TPHEXT	MOTOR OIL RANGE ORGANICS	50.5		MG/KG
TR02-04	SOIL	TPHEXT	JP4 RANGE ORGANICS	2221.3		MG/KG
TR02-04	SOIL	TPHEXT	AROMATICS-EPH(C10-C16)	393.2		MG/KG
TR02-04	SOIL	TPHEXT	TPH - BUNKER FUEL (C10-C28)	546.9		MG/KG
TR02-04	SOIL	TPHEXT	AROMATICS-EPH(C16-C35)	154.1		MG/KG
TR02-04	SOIL	TPHEXT	ALIPHATICS-EPH(C12-C18)	606.3		MG/KG
TR02-04	SOIL	TPHEXT	ALIPHATICS-EPH(C18-C24)	37.2		MG/KG
TR02-04	SOIL	TPHPRG	GASOLINE RANGE ORGANICS	599.0		MG/KG
TR02-04	SOIL	TPHPRG	ALIPHATICS-VPH(C5-C8)	33.8		MG/KG
TR02-04	SOIL	TPHPRG	ALIPHATICS-VPH(C8-C12)	786.6		MG/KG
TR02-04	SOIL	TPHPRG	AROMATICS-VPH(C6-C8)	1.0	U	MG/KG
TR02-04	SOIL	TPHPRG	AROMATICS-VPH(C8-C10)	3.5		MG/KG
TR02-05(2-4')	SOIL	AROMV	BENZENE	0.1	U	MG/KG
TR02-05(2-4')	SOIL	AROMV	ETHYLBENZENE	0.1	U	MG/KG
TR02-05(2-4')	SOIL	AROMV	TOLUENE	0.1	U	MG/KG
TR02-05(2-4')	SOIL	AROMV	XYLENE (TOTAL)	0.1	U	MG/KG
TR02-05(2-4')	SOIL	AROMV	METHYL-T-BUTYL ETHER	0.1	U	MG/KG
TR02-05(2-4')	SOIL	PAH	ACENAPHTHENE	0.1	U	UG/KG
TR02-05(2-4')	SOIL	PAH	ACENAPHTHYLENE	0.1	U	UG/KG
TR02-05(2-4')	SOIL	PAH	ANTHRACENE	81.6		UG/KG
TR02-05(2-4')	SOIL	PAH	BENZO(A)ANTHRACENE	36.9		UG/KG
TR02-05(2-4')	SOIL	PAH	BENZO(A)PYRENE	77.6		UG/KG
TR02-05(2-4')	SOIL	PAH	BENZO(B)FLUORANTHENE	34.2		UG/KG
TR02-05(2-4')	SOIL	PAH	BENZO(G,H,I)PERYLENE	130.8		UG/KG
TR02-05(2-4')	SOIL	PAH	BENZO(K)FLUORANTHENE	12.9		UG/KG
TR02-05(2-4')	SOIL	PAH	CHRYSENE	133.5		UG/KG

TABLE D-3
NFD POINT MOLATE
PHASE I CHARACTERIZATION OF USTs AND FUEL PIPELINES
INTERMIM SUMMARY MEMORANDUM
SOIL AND GROUNDWATER ANALYTICAL RESULTS FROM SURFICIAL SOIL AND SEEP CHARACTERIZATION

SAMPLE ID	SAMPLE MEDIA	ANALYTE GROUP	ANALYTE	CONCENTRATION	QUALIFIER	UNITS
TR02-05(2-4')	SOIL	PAH	DIBENZO(A,H)ANTHRACENE	34.7		UG/KG
TR02-05(2-4')	SOIL	PAH	FLUORANTHENE	29.8		UG/KG
TR02-05(2-4')	SOIL	PAH	FLUORENE	345.0		UG/KG
TR02-05(2-4')	SOIL	PAH	INDENO(1,2,3-CD)PYRENE	31.0		UG/KG
TR02-05(2-4')	SOIL	PAH	NAPHTHALENE	4663.8		UG/KG
TR02-05(2-4')	SOIL	PAH	PHENANTHRENE	534.5		UG/KG
TR02-05(2-4')	SOIL	PAH	PYRENE	136.6		UG/KG
TR02-05(2-4')	SOIL	PCTMST	PERCENT MOISTURE	14.5		%MST
TR02-05(2-4')	SOIL	TPHEXT	JP5 RANGE ORGANICS	9264.1		MG/KG
TR02-05(2-4')	SOIL	TPHEXT	DIESEL RANGE ORGANICS	8028.8		MG/KG
TR02-05(2-4')	SOIL	TPHEXT	MOTOR OIL RANGE ORGANICS	1483.9		MG/KG
TR02-05(2-4')	SOIL	TPHEXT	JP4 RANGE ORGANICS	8917.3		MG/KG
TR02-05(2-4')	SOIL	TPHEXT	AROMATICS-EPH(C10-C16)	1741.2		MG/KG
TR02-05(2-4')	SOIL	TPHEXT	TPH - BUNKER FUEL (C10-C28)	2798.7		MG/KG
TR02-05(2-4')	SOIL	TPHEXT	AROMATICS-EPH(C16-C35)	977.0		MG/KG
TR02-05(2-4')	SOIL	TPHEXT	ALIPHATICS-EPH(C12-C18)	2767.3		MG/KG
TR02-05(2-4')	SOIL	TPHEXT	ALIPHATICS-EPH(C18-C24)	143.8		MG/KG
TR02-05(2-4')	SOIL	TPHPRG	GASOLINE RANGE ORGANICS	1185.0		MG/KG
TR02-05(2-4')	SOIL	TPHPRG	ALIPHATICS-VPH(C5-C8)	86.2		MG/KG
TR02-05(2-4')	SOIL	TPHPRG	ALIPHATICS-VPH(C8-C12)	3488.1		MG/KG
TR02-05(2-4')	SOIL	TPHPRG	AROMATICS-VPH(C6-C8)	1.0	U	MG/KG
TR02-05(2-4')	SOIL	TPHPRG	AROMATICS-VPH(C8-C10)	10.5		MG/KG
TR08-01	SOIL	AROMV	BENZENE	0.1	U	MG/KG
TR08-01	SOIL	AROMV	ETHYLBENZENE	0.1	U	MG/KG
TR08-01	SOIL	AROMV	TOLUENE	0.1	U	MG/KG
TR08-01	SOIL	AROMV	XYLENE (TOTAL)	0.1	U	MG/KG
TR08-01	SOIL	AROMV	METHYL-T-BUTYL ETHER	0.1	U	MG/KG
TR08-01	SOIL	PAH	ACENAPHTHYLENE	0.1	U	UG/KG
TR08-01	SOIL	PAH	ANTHRACENE	85.3		UG/KG
TR08-01	SOIL	PAH	BENZO(A)ANTHRACENE	34.5		UG/KG
TR08-01	SOIL	PAH	BENZO(A)PYRENE	0.1	U	UG/KG
TR08-01	SOIL	PAH	BENZO(B)FLUORANTHENE	30.7		UG/KG
TR08-01	SOIL	PAH	BENZO(G,H,I)PERYLENE	105.2		UG/KG
TR08-01	SOIL	PAH	BENZO(K)FLUORANTHENE	0.1	U	UG/KG

TABLE D-3
NFD POINT MOLATE
PHASE I CHARACTERIZATION OF USTs AND FUEL PIPELINES
INTERMIM SUMMARY MEMORANDUM
SOIL AND GROUNDWATER ANALYTICAL RESULTS FROM SURFICIAL SOIL AND SEEP CHARACTERIZATION

SAMPLE ID	SAMPLE MEDIA	ANALYTE GROUP	ANALYTE	CONCENTRATION	QUALIFIER	UNITS
TR08-01	SOIL	PAH	CHRYSENE	115.5		UG/KG
TR08-01	SOIL	PAH	DIBENZO(A,H)ANTHRACENE	25.9		UG/KG
TR08-01	SOIL	PAH	FLUORANTHENE	25.1		UG/KG
TR08-01	SOIL	PAH	FLUORENE	312.1		UG/KG
TR08-01	SOIL	PAH	INDENO(1,2,3-CD)PYRENE	23.4		UG/KG
TR08-01	SOIL	PAH	NAPHTHALENE	5864.0		UG/KG
TR08-01	SOIL	PAH	PHENANTHRENE	493.5		UG/KG
TR08-01	SOIL	PAH	PYRENE	1.0		UG/KG
TR08-01	SOIL	PAH	ACENAPHTHENE	0.1	U	UG/KG
TR08-01	SOIL	PCTMST	PERCENT MOISTURE	12.3		%MST
TR08-01	SOIL	TPHEXT	JP5 RANGE ORGANICS	3515.9		MG/KG
TR08-01	SOIL	TPHEXT	DIESEL RANGE ORGANICS	9586.0		MG/KG
TR08-01	SOIL	TPHEXT	MOTOR OIL RANGE ORGANICS	7881.7		MG/KG
TR08-01	SOIL	TPHEXT	JP4 RANGE ORGANICS	9429.4		MG/KG
TR08-01	SOIL	TPHEXT	AROMATICS-EPH(C10-C16)	1494.6		MG/KG
TR08-01	SOIL	TPHEXT	TPH - BUNKER FUEL (C10-C28)	1239.3		MG/KG
TR08-01	SOIL	TPHEXT	AROMATICS-EPH(C16-C35)	871.7		MG/KG
TR08-01	SOIL	TPHEXT	ALIPHATICS-EPH(C12-C18)	2846.9		MG/KG
TR08-01	SOIL	TPHEXT	ALIPHATICS-EPH(C18-C24)	143.6		MG/KG
TR08-01	SOIL	TPHPRG	GASOLINE RANGE ORGANICS	1405.0		MG/KG
TR08-01	SOIL	TPHPRG	ALIPHATICS-VPH(C5-C8)	78.3		MG/KG
TR08-01	SOIL	TPHPRG	ALIPHATICS-VPH(C8-C12)	3771.3		MG/KG
TR08-01	SOIL	TPHPRG	AROMATICS-VPH(C6-C8)	1.0	U	MG/KG
TR08-01	SOIL	TPHPRG	AROMATICS-VPH(C8-C10)	7.6		MG/KG
TR02-06	SOIL	PAH	NAPHTHALENE	1.1		UG/KG
TR02-06	SOIL	PAH	PHENANTHRENE	0.7		UG/KG
TR02-06	SOIL	PAH	PYRENE	0.7		UG/KG
TR02-06	SOIL	PAH	ACENAPHTHENE	0.1	U	UG/KG
TR02-06	SOIL	PAH	ACENAPHTHYLENE	0.1	U	UG/KG
TR02-06	SOIL	PAH	ANTHRACENE	0.3		UG/KG
TR02-06	SOIL	PAH	BENZO(A)ANTHRACENE	0.3		UG/KG
TR02-06	SOIL	PAH	BENZO(A)PYRENE	0.5		UG/KG
TR02-06	SOIL	PAH	BENZO(B)FLUORANTHENE	1.2		UG/KG
TR02-06	SOIL	PAH	BENZO(G,H,I)PERYLENE	2.7		UG/KG

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NFD POINT MOLATE
PHASE I CHARACTERIZATION OF USTs AND FUEL PIPELINES
INTERMIM SUMMARY MEMORANDUM
SOIL AND GROUNDWATER ANALYTICAL RESULTS FROM SURFICIAL SOIL AND SEEP CHARACTERIZATION

SAMPLE ID	SAMPLE MEDIA	ANALYTE GROUP	ANALYTE	CONCENTRATION	QUALIFIER	UNITS
TR02-06	SOIL	PAH	BENZO(K)FLUORANTHENE	0.5		UG/KG
TR02-06	SOIL	PAH	CHRYSENE	1.6		UG/KG
TR02-06	SOIL	PAH	DIBENZO(A,H)ANTHRACENE	0.7		UG/KG
TR02-06	SOIL	PAH	FLUORANTHENE	0.4		UG/KG
TR02-06	SOIL	PAH	FLUORENE	0.1	U	UG/KG
TR02-06	SOIL	PAH	INDENO(1,2,3-CD)PYRENE	1.0		UG/KG
TR02-06	SOIL	PCTMST	PERCENT MOISTURE	17.3		%MST
TR02-06	SOIL	TPHEXT	JP5 RANGE ORGANICS	23.6		MG/KG
TR02-06	SOIL	TPHEXT	DIESEL RANGE ORGANICS	36.4		MG/KG
TR02-06	SOIL	TPHEXT	MOTOR OIL RANGE ORGANICS	44.4		MG/KG
TR02-06	SOIL	TPHEXT	JP4 RANGE ORGANICS	20.3		MG/KG
TR02-06	SOIL	TPHEXT	TPH - BUNKER FUEL (C10-C28)	53.6		MG/KG
TR02-07	SOIL	AROMV	XYLENE (TOTAL)	0.1	U	MG/KG
TR02-07	SOIL	AROMV	METHYL-T-BUTYL ETHER	0.1	U	MG/KG
TR02-07	SOIL	AROMV	BENZENE	0.1	U	MG/KG
TR02-07	SOIL	AROMV	ETHYLBENZENE	0.1	U	MG/KG
TR02-07	SOIL	AROMV	TOLUENE	0.1	U	MG/KG
TR02-07	SOIL	PAH	ACENAPHTHENE	0.1	U	UG/KG
TR02-07	SOIL	PAH	ACENAPHTHYLENE	0.1	U	UG/KG
TR02-07	SOIL	PAH	ANTHRACENE	0.1	U	UG/KG
TR02-07	SOIL	PAH	BENZO(A)ANTHRACENE	1.6		UG/KG
TR02-07	SOIL	PAH	BENZO(A)PYRENE	3.1		UG/KG
TR02-07	SOIL	PAH	BENZO(B)FLUORANTHENE	1.3		UG/KG
TR02-07	SOIL	PAH	BENZO(G,H,I)PERYLENE	4.4		UG/KG
TR02-07	SOIL	PAH	BENZO(K)FLUORANTHENE	0.6		UG/KG
TR02-07	SOIL	PAH	CHRYSENE	5.0		UG/KG
TR02-07	SOIL	PAH	DIBENZO(A,H)ANTHRACENE	0.7		UG/KG
TR02-07	SOIL	PAH	FLUORANTHENE	3.1		UG/KG
TR02-07	SOIL	PAH	FLUORENE	54.5		UG/KG
TR02-07	SOIL	PAH	INDENO(1,2,3-CD)PYRENE	1.0		UG/KG
TR02-07	SOIL	PAH	NAPHTHALENE	167.1		UG/KG
TR02-07	SOIL	PAH	PHENANTHRENE	33.5		UG/KG
TR02-07	SOIL	PAH	PYRENE	13.8		UG/KG
TR02-07	SOIL	PCTMST	PERCENT MOISTURE	18.7		%MST

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NFD POINT MOLATE
PHASE I CHARACTERIZATION OF USTs AND FUEL PIPELINES
INTERMIM SUMMARY MEMORANDUM
SOIL AND GROUNDWATER ANALYTICAL RESULTS FROM SURFICIAL SOIL AND SEEP CHARACTERIZATION

SAMPLE ID	SAMPLE MEDIA	ANALYTE GROUP	ANALYTE	CONCENTRATION	QUALIFIER	UNITS
TR02-07	SOIL	TPHEXT	JP5 RANGE ORGANICS	1460.8		MG/KG
TR02-07	SOIL	TPHEXT	DIESEL RANGE ORGANICS	1689.8		MG/KG
TR02-07	SOIL	TPHEXT	MOTOR OIL RANGE ORGANICS	52.1		MG/KG
TR02-07	SOIL	TPHEXT	JP4 RANGE ORGANICS	1203.4		MG/KG
TR02-07	SOIL	TPHEXT	AROMATICS-EPH(C10-C16)	384.3		MG/KG
TR02-07	SOIL	TPHEXT	TPH - BUNKER FUEL (C10-C28)	846.5		MG/KG
TR02-07	SOIL	TPHEXT	AROMATICS-EPH(C16-C35)	472.7		MG/KG
TR02-07	SOIL	TPHEXT	ALIPHATICS-EPH(C12-C18)	725.2		MG/KG
TR02-07	SOIL	TPHEXT	ALIPHATICS-EPH(C18-C24)	81.9		MG/KG
TR02-07	SOIL	TPHPRG	GASOLINE RANGE ORGANICS	277.0		MG/KG
TR02-07	SOIL	TPHPRG	ALIPHATICS-VPH(C5-C8)	8.3		MG/KG
TR02-07	SOIL	TPHPRG	ALIPHATICS-VPH(C8-C12)	461.4		MG/KG
TR02-07	SOIL	TPHPRG	AROMATICS-VPH(C6-C8)	1.0	U	MG/KG
TR02-07	SOIL	TPHPRG	AROMATICS-VPH(C8-C10)	2.6		MG/KG
TR02-08	SOIL	PAH	ACENAPHTHENE	0.1	U	UG/KG
TR02-08	SOIL	PAH	ACENAPHTHYLENE	0.1	U	UG/KG
TR02-08	SOIL	PAH	ANTHRACENE	3.1		UG/KG
TR02-08	SOIL	PAH	BENZO(A)ANTHRACENE	0.8		UG/KG
TR02-08	SOIL	PAH	BENZO(A)PYRENE	1.2		UG/KG
TR02-08	SOIL	PAH	BENZO(B)FLUORANTHENE	3.0		UG/KG
TR02-08	SOIL	PAH	BENZO(G,H,I)PERYLENE	5.6		UG/KG
TR02-08	SOIL	PAH	BENZO(K)FLUORANTHENE	1.6		UG/KG
TR02-08	SOIL	PAH	CHRYSENE	2.7		UG/KG
TR02-08	SOIL	PAH	DIBENZO(A,H)ANTHRACENE	1.0		UG/KG
TR02-08	SOIL	PAH	FLUORANTHENE	1.9		UG/KG
TR02-08	SOIL	PAH	FLUORENE	0.1	U	UG/KG
TR02-08	SOIL	PAH	INDENO(1,2,3-CD)PYRENE	4.3		UG/KG
TR02-08	SOIL	PAH	NAPHTHALENE	3.9		UG/KG
TR02-08	SOIL	PAH	PHENANTHRENE	1.8		UG/KG
TR02-08	SOIL	PAH	PYRENE	2.7		UG/KG
TR02-08	SOIL	PCTMST	PERCENT MOISTURE	28.2		%MST
TR02-08	SOIL	TPHEXT	MOTOR OIL RANGE ORGANICS	68.8		MG/KG
TR02-08	SOIL	TPHEXT	JP4 RANGE ORGANICS	216.1		MG/KG
TR02-08	SOIL	TPHEXT	TPH - BUNKER FUEL (C10-C28)	212.6		MG/KG

TABLE D-3
NFD POINT MOLATE
PHASE I CHARACTERIZATION OF USTs AND FUEL PIPELINES
INTERMIM SUMMARY MEMORANDUM
SOIL AND GROUNDWATER ANALYTICAL RESULTS FROM SURFICIAL SOIL AND SEEP CHARACTERIZATION

SAMPLE ID	SAMPLE MEDIA	ANALYTE GROUP	ANALYTE	CONCENTRATION	QUALIFIER	UNITS
TR02-08	SOIL	TPHEXT	DIESEL RANGE ORGANICS	329.7		MG/KG
TR02-08	SOIL	TPHEXT	JP5 RANGE ORGANICS	270.8		MG/KG
TR02-09	SOIL	AROMV	BENZENE	0.1	U	MG/KG
TR02-09	SOIL	AROMV	ETHYLBENZENE	0.3		MG/KG
TR02-09	SOIL	AROMV	TOLUENE	0.1	U	MG/KG
TR02-09	SOIL	AROMV	XYLENE (TOTAL)	1.2		MG/KG
TR02-09	SOIL	AROMV	METHYL-T-BUTYL ETHER	0.1	U	MG/KG
TR02-09	SOIL	PAH	ACENAPHTHENE	0.1	U	UG/KG
TR02-09	SOIL	PAH	ACENAPHTHYLENE	0.1	U	UG/KG
TR02-09	SOIL	PAH	ANTHRACENE	6.5		UG/KG
TR02-09	SOIL	PAH	BENZO(A)ANTHRACENE	0.1	U	UG/KG
TR02-09	SOIL	PAH	BENZO(A)PYRENE	12.8		UG/KG
TR02-09	SOIL	PAH	BENZO(B)FLUORANTHENE	7.2		UG/KG
TR02-09	SOIL	PAH	BENZO(G,H,I)PERYLENE	35.5		UG/KG
TR02-09	SOIL	PAH	BENZO(K)FLUORANTHENE	0.1	U	UG/KG
TR02-09	SOIL	PAH	CHRYSENE	22.9		UG/KG
TR02-09	SOIL	PAH	DIBENZO(A,H)ANTHRACENE	10.8		UG/KG
TR02-09	SOIL	PAH	FLUORANTHENE	0.1	U	UG/KG
TR02-09	SOIL	PAH	FLUORENE	47.7		UG/KG
TR02-09	SOIL	PAH	INDENO(1,2,3-CD)PYRENE	5.8		UG/KG
TR02-09	SOIL	PAH	NAPHTHALENE	742.3		UG/KG
TR02-09	SOIL	PAH	PHENANTHRENE	0.1	U	UG/KG
TR02-09	SOIL	PAH	PYRENE	8.3		UG/KG
TR02-09	SOIL	PCTMST	PERCENT MOISTURE	12.3		%MST
TR02-09	SOIL	TPHEXT	JP5 RANGE ORGANICS	7940.7		MG/KG
TR02-09	SOIL	TPHEXT	DIESEL RANGE ORGANICS	6725.6		MG/KG
TR02-09	SOIL	TPHEXT	MOTOR OIL RANGE ORGANICS	684.9		MG/KG
TR02-09	SOIL	TPHEXT	JP4 RANGE ORGANICS	7615.4		MG/KG
TR02-09	SOIL	TPHEXT	AROMATICS-EPH(C10-C16)	836.6		MG/KG
TR02-09	SOIL	TPHEXT	TPH - BUNKER FUEL (C10-C28)	1667.8		MG/KG
TR02-09	SOIL	TPHEXT	AROMATICS-EPH(C16-C35)	286.6		MG/KG
TR02-09	SOIL	TPHEXT	ALIPHATICS-EPH(C12-C18)	2805.7		MG/KG
TR02-09	SOIL	TPHEXT	ALIPHATICS-EPH(C18-C24)	54.4		MG/KG
TR02-09	SOIL	TPHPRG	GASOLINE RANGE ORGANICS	947.0		MG/KG

TABLE D-3
NFD POINT MOLATE
PHASE I CHARACTERIZATION OF USTs AND FUEL PIPELINES
INTERMIM SUMMARY MEMORANDUM
SOIL AND GROUNDWATER ANALYTICAL RESULTS FROM SURFICIAL SOIL AND SEEP CHARACTERIZATION

SAMPLE ID	SAMPLE MEDIA	ANALYTE GROUP	ANALYTE	CONCENTRATION	QUALIFIER	UNITS
TR02-09	SOIL	TPHPRG	ALIPHATICS-VPH(C5-C8)	35.4		MG/KG
TR02-09	SOIL	TPHPRG	ALIPHATICS-VPH(C8-C12)	3163.7		MG/KG
TR02-09	SOIL	TPHPRG	AROMATICS-VPH(C6-C8)	1.5		MG/KG
TR02-09	SOIL	TPHPRG	AROMATICS-VPH(C8-C10)	4.8		MG/KG
TR02-10	SOIL	PAH	ACENAPHTHENE	0.1	U	UG/KG
TR02-10	SOIL	PAH	ACENAPHTHYLENE	0.2		UG/KG
TR02-10	SOIL	PAH	ANTHRACENE	0.3		UG/KG
TR02-10	SOIL	PAH	BENZO(A)ANTHRACENE	0.7		UG/KG
TR02-10	SOIL	PAH	BENZO(A)PYRENE	1.2		UG/KG
TR02-10	SOIL	PAH	BENZO(B)FLUORANTHENE	1.4		UG/KG
TR02-10	SOIL	PAH	BENZO(G,H,I)PERYLENE	1.4		UG/KG
TR02-10	SOIL	PAH	BENZO(K)FLUORANTHENE	1.1		UG/KG
TR02-10	SOIL	PAH	CHRYSENE	1.5		UG/KG
TR02-10	SOIL	PAH	DIBENZO(A,H)ANTHRACENE	0.4		UG/KG
TR02-10	SOIL	PAH	FLUORANTHENE	1.9		UG/KG
TR02-10	SOIL	PAH	FLUORENE	0.1	U	UG/KG
TR02-10	SOIL	PAH	INDENO(1,2,3-CD)PYRENE	1.1		UG/KG
TR02-10	SOIL	PAH	NAPHTHALENE	0.6		UG/KG
TR02-10	SOIL	PAH	PHENANTHRENE	1.1		UG/KG
TR02-10	SOIL	PAH	PYRENE	2.3		UG/KG
TR02-10	SOIL	PCTMST	PERCENT MOISTURE	15.1		%MST
TR02-10	SOIL	TPHEXT	JP5 RANGE ORGANICS	3.7		MG/KG
TR02-10	SOIL	TPHEXT	DIESEL RANGE ORGANICS	6.5		MG/KG
TR02-10	SOIL	TPHEXT	MOTOR OIL RANGE ORGANICS	16.6		MG/KG
TR02-10	SOIL	TPHEXT	JP4 RANGE ORGANICS	3.5		MG/KG
TR02-10	SOIL	TPHEXT	TPH - BUNKER FUEL (C10-C28)	16.9		MG/KG
TR02-11	SOIL	PAH	ANTHRACENE	0.2		UG/KG
TR02-11	SOIL	PAH	BENZO(A)ANTHRACENE	0.5		UG/KG
TR02-11	SOIL	PAH	BENZO(A)PYRENE	0.9		UG/KG
TR02-11	SOIL	PAH	BENZO(B)FLUORANTHENE	1.0		UG/KG
TR02-11	SOIL	PAH	BENZO(G,H,I)PERYLENE	2.2		UG/KG
TR02-11	SOIL	PAH	BENZO(K)FLUORANTHENE	0.7		UG/KG
TR02-11	SOIL	PAH	CHRYSENE	1.3		UG/KG
TR02-11	SOIL	PAH	DIBENZO(A,H)ANTHRACENE	0.6		UG/KG

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NFD POINT MOLATE
PHASE I CHARACTERIZATION OF USTs AND FUEL PIPELINES
INTERMIM SUMMARY MEMORANDUM
SOIL AND GROUNDWATER ANALYTICAL RESULTS FROM SURFICIAL SOIL AND SEEP CHARACTERIZATION

SAMPLE ID	SAMPLE MEDIA	ANALYTE GROUP	ANALYTE	CONCENTRATION	QUALIFIER	UNITS
TR02-11	SOIL	PAH	FLUORANTHENE	1.1		UG/KG
TR02-11	SOIL	PAH	FLUORENE	0.1	U	UG/KG
TR02-11	SOIL	PAH	INDENO(1,2,3-CD)PYRENE	0.8		UG/KG
TR02-11	SOIL	PAH	NAPHTHALENE	1.1		UG/KG
TR02-11	SOIL	PAH	PHENANTHRENE	0.5		UG/KG
TR02-11	SOIL	PAH	PYRENE	1.2		UG/KG
TR02-11	SOIL	PAH	ACENAPHTHYLENE	0.1		UG/KG
TR02-11	SOIL	PAH	ACENAPHTHENE	0.1	U	UG/KG
TR02-11	SOIL	PCTMST	PERCENT MOISTURE	9.9		%MST
TR02-11	SOIL	TPHEXT	JP5 RANGE ORGANICS	1.6		MG/KG
TR02-11	SOIL	TPHEXT	DIESEL RANGE ORGANICS	7.4		MG/KG
TR02-11	SOIL	TPHEXT	MOTOR OIL RANGE ORGANICS	30.6		MG/KG
TR02-11	SOIL	TPHEXT	JP4 RANGE ORGANICS	1.7		MG/KG
TR02-11	SOIL	TPHEXT	TPH - BUNKER FUEL (C10-C28)	30.7		MG/KG
TR02-12	SOIL	PAH	ACENAPHTHENE	0.1	U	UG/KG
TR02-12	SOIL	PAH	ACENAPHTHYLENE	1.6		UG/KG
TR02-12	SOIL	PAH	ANTHRACENE	3.4		UG/KG
TR02-12	SOIL	PAH	BENZO(A)ANTHRACENE	0.1	U	UG/KG
TR02-12	SOIL	PAH	BENZO(A)PYRENE	0.7		UG/KG
TR02-12	SOIL	PAH	BENZO(B)FLUORANTHENE	1.3		UG/KG
TR02-12	SOIL	PAH	BENZO(G,H,I)PERYLENE	8.8		UG/KG
TR02-12	SOIL	PAH	BENZO(K)FLUORANTHENE	0.1	U	UG/KG
TR02-12	SOIL	PAH	CHRYSENE	1.4		UG/KG
TR02-12	SOIL	PAH	DIBENZO(A,H)ANTHRACENE	1.5		UG/KG
TR02-12	SOIL	PAH	FLUORANTHENE	0.7		UG/KG
TR02-12	SOIL	PAH	FLUORENE	0.1	U	UG/KG
TR02-12	SOIL	PAH	INDENO(1,2,3-CD)PYRENE	1.6		UG/KG
TR02-12	SOIL	PAH	NAPHTHALENE	11.7		UG/KG
TR02-12	SOIL	PAH	PHENANTHRENE	0.9		UG/KG
TR02-12	SOIL	PAH	PYRENE	0.9		UG/KG
TR02-12	SOIL	PCTMST	PERCENT MOISTURE	15.8		%MST
TR02-12	SOIL	TPHEXT	JP5 RANGE ORGANICS	17.4		MG/KG
TR02-12	SOIL	TPHEXT	DIESEL RANGE ORGANICS	114.2		MG/KG
TR02-12	SOIL	TPHEXT	MOTOR OIL RANGE ORGANICS	252.7		MG/KG

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NFD POINT MOLATE
PHASE I CHARACTERIZATION OF USTs AND FUEL PIPELINES
INTERMIM SUMMARY MEMORANDUM
SOIL AND GROUNDWATER ANALYTICAL RESULTS FROM SURFICIAL SOIL AND SEEP CHARACTERIZATION

SAMPLE ID	SAMPLE MEDIA	ANALYTE GROUP	ANALYTE	CONCENTRATION	QUALIFIER	UNITS
TR02-12	SOIL	TPHEXT	JP4 RANGE ORGANICS	8.7		MG/KG
TR02-12	SOIL	TPHEXT	TPH - BUNKER FUEL (C10-C28)	282.1		MG/KG
TR03-04	SOIL	PAH	PYRENE	5.2		UG/KG
TR03-04	SOIL	PAH	PHENANTHRENE	5.7		UG/KG
TR03-04	SOIL	PAH	ACENAPHTHENE	0.1	U	UG/KG
TR03-04	SOIL	PAH	ACENAPHTHYLENE	0.9		UG/KG
TR03-04	SOIL	PAH	ANTHRACENE	30.3		UG/KG
TR03-04	SOIL	PAH	BENZO(A)ANTHRACENE	0.1	U	UG/KG
TR03-04	SOIL	PAH	BENZO(A)PYRENE	0.1	U	UG/KG
TR03-04	SOIL	PAH	BENZO(B)FLUORANTHENE	0.1	U	UG/KG
TR03-04	SOIL	PAH	BENZO(G,H,I)PERYLENE	12.1		UG/KG
TR03-04	SOIL	PAH	BENZO(K)FLUORANTHENE	0.1	U	UG/KG
TR03-04	SOIL	PAH	CHRYSENE	0.1	U	UG/KG
TR03-04	SOIL	PAH	DIBENZO(A,H)ANTHRACENE	0.1	U	UG/KG
TR03-04	SOIL	PAH	FLUORANTHENE	0.1	U	UG/KG
TR03-04	SOIL	PAH	FLUORENE	0.1	U	UG/KG
TR03-04	SOIL	PAH	INDENO(1,2,3-CD)PYRENE	1.7		UG/KG
TR03-04	SOIL	PAH	NAPHTHALENE	1.5		UG/KG
TR03-04	SOIL	PCTMST	PERCENT MOISTURE	13.3		%MST
TR03-04	SOIL	TPHEXT	JP5 RANGE ORGANICS	678.7		MG/KG
TR03-04	SOIL	TPHEXT	DIESEL RANGE ORGANICS	19.3		MG/KG
TR03-04	SOIL	TPHEXT	MOTOR OIL RANGE ORGANICS	570.5		MG/KG
TR03-04	SOIL	TPHEXT	JP4 RANGE ORGANICS	19.0		MG/KG
TR03-04	SOIL	TPHEXT	TPH - BUNKER FUEL (C10-C28)	115.9		MG/KG
TR01-03	SOIL	PAH	ACENAPHTHENE	0.1		UG/KG
TR01-03	SOIL	PAH	ACENAPHTHYLENE	0.1		UG/KG
TR01-03	SOIL	PAH	ANTHRACENE	0.1		UG/KG
TR01-03	SOIL	PAH	BENZO(A)ANTHRACENE	0.6		UG/KG
TR01-03	SOIL	PAH	BENZO(A)PYRENE	1.2		UG/KG
TR01-03	SOIL	PAH	BENZO(B)FLUORANTHENE	1.4		UG/KG
TR01-03	SOIL	PAH	BENZO(G,H,I)PERYLENE	2.0		UG/KG
TR01-03	SOIL	PAH	BENZO(K)FLUORANTHENE	0.8		UG/KG
TR01-03	SOIL	PAH	CHRYSENE	1.9		UG/KG
TR01-03	SOIL	PAH	DIBENZO(A,H)ANTHRACENE	0.6		UG/KG

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NFD POINT MOLATE
PHASE I CHARACTERIZATION OF USTs AND FUEL PIPELINES
INTERMIM SUMMARY MEMORANDUM
SOIL AND GROUNDWATER ANALYTICAL RESULTS FROM SURFICIAL SOIL AND SEEP CHARACTERIZATION

SAMPLE ID	SAMPLE MEDIA	ANALYTE GROUP	ANALYTE	CONCENTRATION	QUALIFIER	UNITS
TR01-03	SOIL	PAH	FLUORANTHENE	1.7		UG/KG
TR01-03	SOIL	PAH	FLUORENE	0.1	U	UG/KG
TR01-03	SOIL	PAH	INDENO(1,2,3-CD)PYRENE	0.7		UG/KG
TR01-03	SOIL	PAH	NAPHTHALENE	1.5		UG/KG
TR01-03	SOIL	PAH	PHENANTHRENE	1.1		UG/KG
TR01-03	SOIL	PAH	PYRENE	1.7		UG/KG
TR01-03	SOIL	PCTMST	PERCENT MOISTURE	17.5		%MST
TR01-03	SOIL	TPHEXT	JP5 RANGE ORGANICS	32.8		MG/KG
TR01-03	SOIL	TPHEXT	DIESEL RANGE ORGANICS	0.7		MG/KG
TR01-03	SOIL	TPHEXT	MOTOR OIL RANGE ORGANICS	3.0		MG/KG
TR01-03	SOIL	TPHEXT	JP4 RANGE ORGANICS	0.7		MG/KG
TR01-03	SOIL	TPHEXT	TPH - BUNKER FUEL (C10-C28)	40.1		MG/KG
TR01-04	SOIL	PAH	ACENAPHTHENE	0.1	U	UG/KG
TR01-04	SOIL	PAH	ACENAPHTHYLENE	0.1	U	UG/KG
TR01-04	SOIL	PAH	ANTHRACENE	0.1	U	UG/KG
TR01-04	SOIL	PAH	BENZO(A)ANTHRACENE	0.1	U	UG/KG
TR01-04	SOIL	PAH	BENZO(A)PYRENE	0.1	U	UG/KG
TR01-04	SOIL	PAH	BENZO(B)FLUORANTHENE	0.1	U	UG/KG
TR01-04	SOIL	PAH	BENZO(G,H,I)PERYLENE	0.1	U	UG/KG
TR01-04	SOIL	PAH	BENZO(K)FLUORANTHENE	0.1	U	UG/KG
TR01-04	SOIL	PAH	CHRYSENE	0.1		UG/KG
TR01-04	SOIL	PAH	DIBENZO(A,H)ANTHRACENE	0.1	U	UG/KG
TR01-04	SOIL	PAH	FLUORANTHENE	0.1		UG/KG
TR01-04	SOIL	PAH	FLUORENE	0.1	U	UG/KG
TR01-04	SOIL	PAH	INDENO(1,2,3-CD)PYRENE	0.1	U	UG/KG
TR01-04	SOIL	PAH	NAPHTHALENE	0.4		UG/KG
TR01-04	SOIL	PAH	PHENANTHRENE	0.1		UG/KG
TR01-04	SOIL	PAH	PYRENE	0.1		UG/KG
TR01-04	SOIL	PCTMST	PERCENT MOISTURE	15.2		%MST
TR01-04	SOIL	TPHEXT	JP5 RANGE ORGANICS	3.5		MG/KG
TR01-04	SOIL	TPHEXT	DIESEL RANGE ORGANICS	0.5		MG/KG
TR01-04	SOIL	TPHEXT	MOTOR OIL RANGE ORGANICS	1.2		MG/KG
TR01-04	SOIL	TPHEXT	JP4 RANGE ORGANICS	0.5		MG/KG
TR01-04	SOIL	TPHEXT	TPH - BUNKER FUEL (C10-C28)	3.3		MG/KG

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NFD POINT MOLATE
PHASE I CHARACTERIZATION OF USTs AND FUEL PIPELINES
INTERMIM SUMMARY MEMORANDUM
SOIL AND GROUNDWATER ANALYTICAL RESULTS FROM SURFICIAL SOIL AND SEEP CHARACTERIZATION

SAMPLE ID	SAMPLE MEDIA	ANALYTE GROUP	ANALYTE	CONCENTRATION	QUALIFIER	UNITS
TR05-01	SOIL	PAH	CHRYSENE	4.2		UG/KG
TR05-01	SOIL	PAH	DIBENZO(A,H)ANTHRACENE	0.1	U	UG/KG
TR05-01	SOIL	PAH	FLUORANTHENE	7.4		UG/KG
TR05-01	SOIL	PAH	FLUORENE	0.1	U	UG/KG
TR05-01	SOIL	PAH	INDENO(1,2,3-CD)PYRENE	1.4		UG/KG
TR05-01	SOIL	PAH	NAPHTHALENE	2.9		UG/KG
TR05-01	SOIL	PAH	PHENANTHRENE	14.1		UG/KG
TR05-01	SOIL	PAH	PYRENE	8.7		UG/KG
TR05-01	SOIL	PAH	BENZO(K)FLUORANTHENE	0.1	U	UG/KG
TR05-01	SOIL	PAH	ACENAPHTHENE	0.1	U	UG/KG
TR05-01	SOIL	PAH	ACENAPHTHYLENE	28.6		UG/KG
TR05-01	SOIL	PAH	ANTHRACENE	0.1	U	UG/KG
TR05-01	SOIL	PAH	BENZO(A)ANTHRACENE	1.8		UG/KG
TR05-01	SOIL	PAH	BENZO(A)PYRENE	2.6		UG/KG
TR05-01	SOIL	PAH	BENZO(B)FLUORANTHENE	2.7		UG/KG
TR05-01	SOIL	PAH	BENZO(G,H,I)PERYLENE	2.5		UG/KG
TR05-01	SOIL	PCTMST	PERCENT MOISTURE	41.1		%MST
TR05-01	SOIL	TPHEXT	JP5 RANGE ORGANICS	703.8		MG/KG
TR05-01	SOIL	TPHEXT	DIESEL RANGE ORGANICS	138.8		MG/KG
TR05-01	SOIL	TPHEXT	MOTOR OIL RANGE ORGANICS	339.9		MG/KG
TR05-01	SOIL	TPHEXT	JP4 RANGE ORGANICS	136.6		MG/KG
TR05-01	SOIL	TPHEXT	TPH - BUNKER FUEL (C10-C28)	398.2		MG/KG
TR00-02	SOIL	PAH	ACENAPHTHENE	0.1	U	UG/KG
TR00-02	SOIL	PAH	ACENAPHTHYLENE	0.1	U	UG/KG
TR00-02	SOIL	PAH	ANTHRACENE	0.1	U	UG/KG
TR00-02	SOIL	PAH	BENZO(A)ANTHRACENE	0.1	U	UG/KG
TR00-02	SOIL	PAH	BENZO(A)PYRENE	0.1	U	UG/KG
TR00-02	SOIL	PAH	BENZO(B)FLUORANTHENE	0.1		UG/KG
TR00-02	SOIL	PAH	BENZO(G,H,I)PERYLENE	0.1	U	UG/KG
TR00-02	SOIL	PAH	BENZO(K)FLUORANTHENE	0.0		UG/KG
TR00-02	SOIL	PAH	CHRYSENE	0.1	U	UG/KG
TR00-02	SOIL	PAH	DIBENZO(A,H)ANTHRACENE	0.1	U	UG/KG
TR00-02	SOIL	PAH	FLUORANTHENE	0.1		UG/KG
TR00-02	SOIL	PAH	FLUORENE	0.1	U	UG/KG

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PHASE I CHARACTERIZATION OF USTs AND FUEL PIPELINES
INTERMIM SUMMARY MEMORANDUM
SOIL AND GROUNDWATER ANALYTICAL RESULTS FROM SURFICIAL SOIL AND SEEP CHARACTERIZATION

SAMPLE ID	SAMPLE MEDIA	ANALYTE GROUP	ANALYTE	CONCENTRATION	QUALIFIER	UNITS
TR00-02	SOIL	PAH	INDENO(1,2,3-CD)PYRENE	0.1	U	UG/KG
TR00-02	SOIL	PAH	NAPHTHALENE	0.9		UG/KG
TR00-02	SOIL	PAH	PHENANTHRENE	0.1		UG/KG
TR00-02	SOIL	PAH	PYRENE	0.1		UG/KG
TR00-02	SOIL	PCTMST	PERCENT MOISTURE	17.0		%MST
TR00-02	SOIL	TPHEXT	JP5 RANGE ORGANICS	2.7		MG/KG
TR00-02	SOIL	TPHEXT	DIESEL RANGE ORGANICS	0.5		MG/KG
TR00-02	SOIL	TPHEXT	MOTOR OIL RANGE ORGANICS	1.0		MG/KG
TR00-02	SOIL	TPHEXT	JP4 RANGE ORGANICS	0.5		MG/KG
TR00-02	SOIL	TPHEXT	TPH - BUNKER FUEL (C10-C28)	2.6		MG/KG
TR00-01	SOIL	PAH	ACENAPHTHENE	0.1	U	UG/KG
TR00-01	SOIL	PAH	ACENAPHTHYLENE	0.1		UG/KG
TR00-01	SOIL	PAH	ANTHRACENE	0.1		UG/KG
TR00-01	SOIL	PAH	BENZO(A)ANTHRACENE	0.5		UG/KG
TR00-01	SOIL	PAH	BENZO(A)PYRENE	0.5		UG/KG
TR00-01	SOIL	PAH	BENZO(B)FLUORANTHENE	0.7		UG/KG
TR00-01	SOIL	PAH	BENZO(G,H,I)PERYLENE	0.3		UG/KG
TR00-01	SOIL	PAH	BENZO(K)FLUORANTHENE	0.6		UG/KG
TR00-01	SOIL	PAH	CHRYSENE	0.9		UG/KG
TR00-01	SOIL	PAH	DIBENZO(A,H)ANTHRACENE	0.1		UG/KG
TR00-01	SOIL	PAH	FLUORANTHENE	1.5		UG/KG
TR00-01	SOIL	PAH	FLUORENE	0.0		UG/KG
TR00-01	SOIL	PAH	INDENO(1,2,3-CD)PYRENE	0.4		UG/KG
TR00-01	SOIL	PAH	NAPHTHALENE	0.6		UG/KG
TR00-01	SOIL	PAH	PHENANTHRENE	0.8		UG/KG
TR00-01	SOIL	PAH	PYRENE	1.6		UG/KG
TR00-01	SOIL	PCTMST	PERCENT MOISTURE	13.2		%MST
TR00-01	SOIL	TPHEXT	JP5 RANGE ORGANICS	3.4		MG/KG
TR00-01	SOIL	TPHEXT	DIESEL RANGE ORGANICS	0.8		MG/KG
TR00-01	SOIL	TPHEXT	MOTOR OIL RANGE ORGANICS	1.3		MG/KG
TR00-01	SOIL	TPHEXT	JP4 RANGE ORGANICS	0.8		MG/KG
TR00-01	SOIL	TPHEXT	TPH - BUNKER FUEL (C10-C28)	2.5		MG/KG
TR07-02	SOIL	PAH	BENZO(G,H,I)PERYLENE	0.1		UG/KG
TR07-02	SOIL	PAH	BENZO(K)FLUORANTHENE	0.2		UG/KG

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PHASE I CHARACTERIZATION OF USTs AND FUEL PIPELINES
INTERMIM SUMMARY MEMORANDUM
SOIL AND GROUNDWATER ANALYTICAL RESULTS FROM SURFICIAL SOIL AND SEEP CHARACTERIZATION

SAMPLE ID	SAMPLE MEDIA	ANALYTE GROUP	ANALYTE	CONCENTRATION	QUALIFIER	UNITS
TR07-02	SOIL	PAH	CHRYSENE	0.4		UG/KG
TR07-02	SOIL	PAH	DIBENZO(A,H)ANTHRACENE	0.1	U	UG/KG
TR07-02	SOIL	PAH	FLUORANTHENE	0.5		UG/KG
TR07-02	SOIL	PAH	FLUORENE	0.1	U	UG/KG
TR07-02	SOIL	PAH	INDENO(1,2,3-CD)PYRENE	0.1		UG/KG
TR07-02	SOIL	PAH	NAPHTHALENE	0.6		UG/KG
TR07-02	SOIL	PAH	PHENANTHRENE	0.3		UG/KG
TR07-02	SOIL	PAH	PYRENE	0.5		UG/KG
TR07-02	SOIL	PAH	BENZO(B)FLUORANTHENE	0.3		UG/KG
TR07-02	SOIL	PAH	ACENAPHTHENE	0.1	U	UG/KG
TR07-02	SOIL	PAH	ACENAPHTHYLENE	0.1	U	UG/KG
TR07-02	SOIL	PAH	ANTHRACENE	0.1	U	UG/KG
TR07-02	SOIL	PAH	BENZO(A)ANTHRACENE	0.2		UG/KG
TR07-02	SOIL	PAH	BENZO(A)PYRENE	0.2		UG/KG
TR07-02	SOIL	PCTMST	PERCENT MOISTURE	12.8		%MST
TR07-02	SOIL	TMETAL	LEAD	16.4		MG/KG
TR07-02	SOIL	TPHEXT	JP5 RANGE ORGANICS	7.1		MG/KG
TR07-02	SOIL	TPHEXT	DIESEL RANGE ORGANICS	0.9		MG/KG
TR07-02	SOIL	TPHEXT	MOTOR OIL RANGE ORGANICS	2.1		MG/KG
TR07-02	SOIL	TPHEXT	JP4 RANGE ORGANICS	0.9		MG/KG
TR07-02	SOIL	TPHEXT	TPH - BUNKER FUEL (C10-C28)	6.3		MG/KG
TR07-01	SOIL	PAH	ACENAPHTHENE	0.1	U	UG/KG
TR07-01	SOIL	PAH	ACENAPHTHYLENE	0.1	U	UG/KG
TR07-01	SOIL	PAH	ANTHRACENE	0.1	U	UG/KG
TR07-01	SOIL	PAH	BENZO(A)ANTHRACENE	0.2		UG/KG
TR07-01	SOIL	PAH	BENZO(A)PYRENE	0.1	U	UG/KG
TR07-01	SOIL	PAH	BENZO(B)FLUORANTHENE	0.3		UG/KG
TR07-01	SOIL	PAH	BENZO(G,H,I)PERYLENE	0.1	U	UG/KG
TR07-01	SOIL	PAH	BENZO(K)FLUORANTHENE	0.2		UG/KG
TR07-01	SOIL	PAH	CHRYSENE	0.4		UG/KG
TR07-01	SOIL	PAH	DIBENZO(A,H)ANTHRACENE	0.1	U	UG/KG
TR07-01	SOIL	PAH	FLUORANTHENE	0.6		UG/KG
TR07-01	SOIL	PAH	FLUORENE	0.0		UG/KG
TR07-01	SOIL	PAH	INDENO(1,2,3-CD)PYRENE	0.1	U	UG/KG

TABLE D-3
NFD POINT MOLATE
PHASE I CHARACTERIZATION OF USTs AND FUEL PIPELINES
INTERMIM SUMMARY MEMORANDUM
SOIL AND GROUNDWATER ANALYTICAL RESULTS FROM SURFICIAL SOIL AND SEEP CHARACTERIZATION

SAMPLE ID	SAMPLE MEDIA	ANALYTE GROUP	ANALYTE	CONCENTRATION	QUALIFIER	UNITS
TR07-01	SOIL	PAH	NAPHTHALENE	0.6		UG/KG
TR07-01	SOIL	PAH	PHENANTHRENE	0.3		UG/KG
TR07-01	SOIL	PAH	PYRENE	0.6		UG/KG
TR07-01	SOIL	PCTMST	PERCENT MOISTURE	12.5		%MST
TR07-01	SOIL	TMETAL	LEAD	21.5		MG/KG
TR07-01	SOIL	TPHEXT	JP5 RANGE ORGANICS	15.4		MG/KG
TR07-01	SOIL	TPHEXT	DIESEL RANGE ORGANICS	1.1		MG/KG
TR07-01	SOIL	TPHEXT	MOTOR OIL RANGE ORGANICS	2.5		MG/KG
TR07-01	SOIL	TPHEXT	JP4 RANGE ORGANICS	1.2		MG/KG
TR07-01	SOIL	TPHEXT	TPH - BUNKER FUEL (C10-C28)	14.4		MG/KG
TR07-04	SOIL	PAH	ACENAPHTHENE	0.1	U	UG/KG
TR07-04	SOIL	PAH	ACENAPHTHYLENE	0.1	U	UG/KG
TR07-04	SOIL	PAH	ANTHRACENE	0.1	U	UG/KG
TR07-04	SOIL	PAH	BENZO(A)ANTHRACENE	0.3		UG/KG
TR07-04	SOIL	PAH	BENZO(A)PYRENE	0.3		UG/KG
TR07-04	SOIL	PAH	BENZO(B)FLUORANTHENE	0.7		UG/KG
TR07-04	SOIL	PAH	BENZO(G,H,I)PERYLENE	0.5		UG/KG
TR07-04	SOIL	PAH	BENZO(K)FLUORANTHENE	0.3		UG/KG
TR07-04	SOIL	PAH	CHRYSENE	0.9		UG/KG
TR07-04	SOIL	PAH	DIBENZO(A,H)ANTHRACENE	0.1		UG/KG
TR07-04	SOIL	PAH	FLUORANTHENE	0.6		UG/KG
TR07-04	SOIL	PAH	FLUORENE	0.1		UG/KG
TR07-04	SOIL	PAH	INDENO(1,2,3-CD)PYRENE	0.3		UG/KG
TR07-04	SOIL	PAH	NAPHTHALENE	0.7		UG/KG
TR07-04	SOIL	PAH	PHENANTHRENE	0.6		UG/KG
TR07-04	SOIL	PAH	PYRENE	0.6		UG/KG
TR07-04	SOIL	PCTMST	PERCENT MOISTURE	10.3		%MST
TR07-04	SOIL	TMETAL	LEAD	22.7		MG/KG
TR07-04	SOIL	TPHEXT	DIESEL RANGE ORGANICS	1.7		MG/KG
TR07-04	SOIL	TPHEXT	MOTOR OIL RANGE ORGANICS	2.9		MG/KG
TR07-04	SOIL	TPHEXT	JP4 RANGE ORGANICS	1.7		MG/KG
TR07-04	SOIL	TPHEXT	TPH - BUNKER FUEL (C10-C28)	7.7		MG/KG
TR07-04	SOIL	TPHEXT	JP5 RANGE ORGANICS	8.9		MG/KG
TR07-03	SOIL	PAH	ACENAPHTHENE	0.1		UG/KG

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PHASE I CHARACTERIZATION OF USTs AND FUEL PIPELINES
INTERMIM SUMMARY MEMORANDUM
SOIL AND GROUNDWATER ANALYTICAL RESULTS FROM SURFICIAL SOIL AND SEEP CHARACTERIZATION

SAMPLE ID	SAMPLE MEDIA	ANALYTE GROUP	ANALYTE	CONCENTRATION	QUALIFIER	UNITS
TR07-03	SOIL	PAH	ACENAPHTHYLENE	0.1	U	UG/KG
TR07-03	SOIL	PAH	ANTHRACENE	0.1		UG/KG
TR07-03	SOIL	PAH	BENZO(A)ANTHRACENE	0.4		UG/KG
TR07-03	SOIL	PAH	BENZO(A)PYRENE	0.1		UG/KG
TR07-03	SOIL	PAH	BENZO(B)FLUORANTHENE	0.8		UG/KG
TR07-03	SOIL	PAH	BENZO(G,H,I)PERYLENE	0.3		UG/KG
TR07-03	SOIL	PAH	BENZO(K)FLUORANTHENE	0.6		UG/KG
TR07-03	SOIL	PAH	CHRYSENE	1.0		UG/KG
TR07-03	SOIL	PAH	DIBENZO(A,H)ANTHRACENE	0.1		UG/KG
TR07-03	SOIL	PAH	FLUORANTHENE	1.3		UG/KG
TR07-03	SOIL	PAH	FLUORENE	0.1		UG/KG
TR07-03	SOIL	PAH	INDENO(1,2,3-CD)PYRENE	0.4		UG/KG
TR07-03	SOIL	PAH	NAPHTHALENE	0.6		UG/KG
TR07-03	SOIL	PAH	PHENANTHRENE	0.8		UG/KG
TR07-03	SOIL	PAH	PYRENE	1.2		UG/KG
TR07-03	SOIL	PCTMST	PERCENT MOISTURE	11.2		%MST
TR07-03	SOIL	TMETAL	LEAD	23.8		MG/KG
TR07-03	SOIL	TPHEXT	JP5 RANGE ORGANICS	26.1		MG/KG
TR07-03	SOIL	TPHEXT	DIESEL RANGE ORGANICS	1.3		MG/KG
TR07-03	SOIL	TPHEXT	MOTOR OIL RANGE ORGANICS	3.1		MG/KG
TR07-03	SOIL	TPHEXT	JP4 RANGE ORGANICS	1.3		MG/KG
TR07-03	SOIL	TPHEXT	TPH - BUNKER FUEL (C10-C28)	25.3		MG/KG
SW02-03	WATER	AROMV	BENZENE	0.5	U	UG/L
SW02-03	WATER	AROMV	ETHYLBENZENE	1.7		UG/L
SW02-03	WATER	AROMV	TOLUENE	0.5	U	UG/L
SW02-03	WATER	AROMV	XYLENE (TOTAL)	9.5		UG/L
SW02-03	WATER	AROMV	METHYL-T-BUTYL ETHER	5.0	U	UG/L
SW02-03	WATER	PAH	ACENAPHTHENE	5.0	U	UG/L
SW02-03	WATER	PAH	ACENAPHTHYLENE	2.0	U	UG/L
SW02-03	WATER	PAH	ANTHRACENE	0.2	U	UG/L
SW02-03	WATER	PAH	BENZO(A)ANTHRACENE	0.2	U	UG/L
SW02-03	WATER	PAH	BENZO(A)PYRENE	0.2	U	UG/L
SW02-03	WATER	PAH	BENZO(B)FLUORANTHENE	0.2	U	UG/L
SW02-03	WATER	PAH	BENZO(G,H,I)PERYLENE	0.2	U	UG/L

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PHASE I CHARACTERIZATION OF USTs AND FUEL PIPELINES
INTERMIM SUMMARY MEMORANDUM
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SAMPLE ID	SAMPLE MEDIA	ANALYTE GROUP	ANALYTE	CONCENTRATION	QUALIFIER	UNITS
SW02-03	WATER	PAH	BENZO(K)FLUORANTHENE	0.2	U	UG/L
SW02-03	WATER	PAH	CHRYSENE	0.2	U	UG/L
SW02-03	WATER	PAH	DIBENZO(A,H)ANTHRACENE	0.5	U	UG/L
SW02-03	WATER	PAH	FLUORANTHENE	0.2	U	UG/L
SW02-03	WATER	PAH	FLUORENE	1.0	U	UG/L
SW02-03	WATER	PAH	INDENO(1,2,3-CD)PYRENE	0.2	U	UG/L
SW02-03	WATER	PAH	2-METHYLNAPHTHALENE	1.0	U	UG/L
SW02-03	WATER	PAH	NAPHTHALENE	5.0	U	UG/L
SW02-03	WATER	PAH	PHENANTHRENE	1.0	U	UG/L
SW02-03	WATER	PAH	PYRENE	0.2	U	UG/L
SW02-03	WATER	PAH	1-METHYLNAPHTHALENE	0.7	J	UG/L
SW02-03	WATER	TPHEXT	MOTOR OIL RANGE ORGANICS	0.3	Y	MG/L
SW02-03	WATER	TPHEXT	TPH - BUNKER FUEL (C10-C28)	0.1	U	MG/L
SW02-03	WATER	TPHEXT	TPH - DIESEL F-76 (C8-C28)	0.1	U	MG/L
SW02-03	WATER	TPHEXT	JP5 RANGE ORGANICS	3.5	Z	MG/L
SW02-03	WATER	TPHEXT	DIESEL RANGE ORGANICS	0.1	U	MG/L
SW02-03	WATER	TPHPRG	GASOLINE RANGE ORGANICS	0.6	Z	MG/L
SW02-03	WATER	VOA	BROMOMETHANE	50.0	U	UG/L
SW02-03	WATER	VOA	BROMOFORM	50.0	U	UG/L
SW02-03	WATER	VOA	2-BUTANONE	4.0	J	UG/L
SW02-03	WATER	VOA	CARBON TETRACHLORIDE	50.0	U	UG/L
SW02-03	WATER	VOA	CARBON DISULFIDE	50.0	U	UG/L
SW02-03	WATER	VOA	CHLOROBENZENE	50.0	U	UG/L
SW02-03	WATER	VOA	CHLOROETHANE	50.0	U	UG/L
SW02-03	WATER	VOA	CHLOROFORM	50.0	U	UG/L
SW02-03	WATER	VOA	CHLOROMETHANE	50.0	U	UG/L
SW02-03	WATER	VOA	CIS-1,3-DICHLOROPROPENE	50.0	U	UG/L
SW02-03	WATER	VOA	1,1-DICHLOROETHANE	50.0	U	UG/L
SW02-03	WATER	VOA	1,2-DICHLOROETHANE	50.0	U	UG/L
SW02-03	WATER	VOA	1,1-DICHLOROETHENE	50.0	U	UG/L
SW02-03	WATER	VOA	1,2-DICHLOROETHENE (TOTAL)	50.0	U	UG/L
SW02-03	WATER	VOA	1,2-DICHLOROPROPANE	50.0	U	UG/L
SW02-03	WATER	VOA	DIBROMOCHLOROMETHANE	50.0	U	UG/L
SW02-03	WATER	VOA	BROMODICHLOROMETHANE	50.0	U	UG/L

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PHASE I CHARACTERIZATION OF USTs AND FUEL PIPELINES
INTERMIM SUMMARY MEMORANDUM
SOIL AND GROUNDWATER ANALYTICAL RESULTS FROM SURFICIAL SOIL AND SEEP CHARACTERIZATION

SAMPLE ID	SAMPLE MEDIA	ANALYTE GROUP	ANALYTE	CONCENTRATION	QUALIFIER	UNITS
SW02-03	WATER	VOA	ETHYLBENZENE	50.0	U	UG/L
SW02-03	WATER	VOA	2-HEXANONE	50.0	U	UG/L
SW02-03	WATER	VOA	4-METHYL-2-PENTANONE	50.0	U	UG/L
SW02-03	WATER	VOA	METHYLENE CHLORIDE	50.0	U	UG/L
SW02-03	WATER	VOA	TETRACHLOROETHENE	50.0	U	UG/L
SW02-03	WATER	VOA	STYRENE	50.0	U	UG/L
SW02-03	WATER	VOA	1,1,1-TRICHLOROETHANE	50.0	U	UG/L
SW02-03	WATER	VOA	1,1,2-TRICHLOROETHANE	50.0	U	UG/L
SW02-03	WATER	VOA	TRICHLOROETHENE	50.0	U	UG/L
SW02-03	WATER	VOA	1,1,2,2-TETRACHLOROETHANE	50.0	U	UG/L
SW02-03	WATER	VOA	TOLUENE	50.0	U	UG/L
SW02-03	WATER	VOA	TRANS-1,3-DICHLOROPROPENE	50.0	U	UG/L
SW02-03	WATER	VOA	VINYL CHLORIDE	50.0	U	UG/L
SW02-03	WATER	VOA	XYLENE (TOTAL)	4.0	J	UG/L
SW02-03	WATER	VOA	ACETONE	19.0	JB	UG/L
SW02-03	WATER	VOA	BENZENE	50.0	U	UG/L
SW02-04	WATER	AROMV	BENZENE	0.5	U	UG/L
SW02-04	WATER	AROMV	ETHYLBENZENE	0.5	U	UG/L
SW02-04	WATER	AROMV	TOLUENE	0.5	U	UG/L
SW02-04	WATER	AROMV	XYLENE (TOTAL)	1.0	U	UG/L
SW02-04	WATER	AROMV	METHYL-T-BUTYL ETHER	5.0	U	UG/L
SW02-04	WATER	PAH	ACENAPHTHENE	37.0		UG/L
SW02-04	WATER	PAH	ACENAPHTHYLENE	4.0		UG/L
SW02-04	WATER	PAH	ANTHRACENE	0.2	U	UG/L
SW02-04	WATER	PAH	BENZO(A)ANTHRACENE	0.2	U	UG/L
SW02-04	WATER	PAH	BENZO(A)PYRENE	0.2	U	UG/L
SW02-04	WATER	PAH	BENZO(B)FLUORANTHENE	0.2	U	UG/L
SW02-04	WATER	PAH	BENZO(G,H,I)PERYLENE	0.2	U	UG/L
SW02-04	WATER	PAH	BENZO(K)FLUORANTHENE	0.2	U	UG/L
SW02-04	WATER	PAH	CHRYSENE	0.2	U	UG/L
SW02-04	WATER	PAH	DIBENZO(A,H)ANTHRACENE	0.5	U	UG/L
SW02-04	WATER	PAH	FLUORANTHENE	0.2	U	UG/L
SW02-04	WATER	PAH	FLUORENE	1.0	U	UG/L
SW02-04	WATER	PAH	INDENO(1,2,3-CD)PYRENE	0.2	U	UG/L

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NFD POINT MOLATE
PHASE I CHARACTERIZATION OF USTs AND FUEL PIPELINES
INTERMIM SUMMARY MEMORANDUM
SOIL AND GROUNDWATER ANALYTICAL RESULTS FROM SURFICIAL SOIL AND SEEP CHARACTERIZATION

SAMPLE ID	SAMPLE MEDIA	ANALYTE GROUP	ANALYTE	CONCENTRATION	QUALIFIER	UNITS
SW02-04	WATER	PAH	2-METHYLNAPHTHALENE	12.0		UG/L
SW02-04	WATER	PAH	NAPHTHALENE	7.0		UG/L
SW02-04	WATER	PAH	PHENANTHRENE	1.0	U	UG/L
SW02-04	WATER	PAH	PYRENE	0.2	U	UG/L
SW02-04	WATER	PAH	1-METHYLNAPHTHALENE	44.0		UG/L
SW02-04	WATER	TPHEXT	JP5 RANGE ORGANICS	1.5	Y	MG/L
SW02-04	WATER	TPHEXT	DIESEL RANGE ORGANICS	0.1	U	MG/L
SW02-04	WATER	TPHEXT	MOTOR OIL RANGE ORGANICS	0.1	U	MG/L
SW02-04	WATER	TPHEXT	TPH - BUNKER FUEL (C10-C28)	0.1	U	MG/L
SW02-04	WATER	TPHEXT	TPH - DIESEL F-76 (C8-C28)	0.1	U	MG/L
SW02-04	WATER	TPHPRG	GASOLINE RANGE ORGANICS	1.5	Z	MG/L
SW02-04	WATER	VOA	1,1,2,2-TETRACHLOROETHANE	10.0	U	UG/L
SW02-04	WATER	VOA	TOLUENE	10.0	U	UG/L
SW02-04	WATER	VOA	TRANS-1,3-DICHLOROPROPENE	10.0	U	UG/L
SW02-04	WATER	VOA	VINYL CHLORIDE	10.0	U	UG/L
SW02-04	WATER	VOA	XYLENE (TOTAL)	10.0	U	UG/L
SW02-04	WATER	VOA	TRICHLOROETHENE	10.0	U	UG/L
SW02-04	WATER	VOA	ACETONE	2.0	JB	UG/L
SW02-04	WATER	VOA	BENZENE	10.0	U	UG/L
SW02-04	WATER	VOA	BROMOMETHANE	10.0	U	UG/L
SW02-04	WATER	VOA	BROMOFORM	10.0	U	UG/L
SW02-04	WATER	VOA	2-BUTANONE	0.6	J	UG/L
SW02-04	WATER	VOA	CARBON TETRACHLORIDE	10.0	U	UG/L
SW02-04	WATER	VOA	CARBON DISULFIDE	10.0	U	UG/L
SW02-04	WATER	VOA	CHLOROBENZENE	10.0	U	UG/L
SW02-04	WATER	VOA	CHLOROETHANE	10.0	U	UG/L
SW02-04	WATER	VOA	CHLOROFORM	10.0	U	UG/L
SW02-04	WATER	VOA	CHLOROMETHANE	10.0	U	UG/L
SW02-04	WATER	VOA	CIS-1,3-DICHLOROPROPENE	10.0	U	UG/L
SW02-04	WATER	VOA	1,1-DICHLOROETHANE	10.0	U	UG/L
SW02-04	WATER	VOA	1,2-DICHLOROETHANE	10.0	U	UG/L
SW02-04	WATER	VOA	1,1-DICHLOROETHENE	10.0	U	UG/L
SW02-04	WATER	VOA	1,2-DICHLOROETHENE (TOTAL)	10.0	U	UG/L
SW02-04	WATER	VOA	1,2-DICHLOROPROPANE	10.0	U	UG/L

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SOIL AND GROUNDWATER ANALYTICAL RESULTS FROM SURFICIAL SOIL AND SEEP CHARACTERIZATION

SAMPLE ID	SAMPLE MEDIA	ANALYTE GROUP	ANALYTE	CONCENTRATION	QUALIFIER	UNITS
SW02-04	WATER	VOA	DIBROMOCHLOROMETHANE	10.0	U	UG/L
SW02-04	WATER	VOA	BROMODICHLOROMETHANE	10.0	U	UG/L
SW02-04	WATER	VOA	ETHYLBENZENE	10.0	U	UG/L
SW02-04	WATER	VOA	2-HEXANONE	10.0	U	UG/L
SW02-04	WATER	VOA	4-METHYL-2-PENTANONE	10.0	U	UG/L
SW02-04	WATER	VOA	METHYLENE CHLORIDE	10.0	U	UG/L
SW02-04	WATER	VOA	TETRACHLOROETHENE	10.0	U	UG/L
SW02-04	WATER	VOA	STYRENE	10.0	U	UG/L
SW02-04	WATER	VOA	1,1,1-TRICHLOROETHANE	10.0	U	UG/L
SW02-04	WATER	VOA	1,1,2-TRICHLOROETHANE	10.0	U	UG/L
SW02-05	WATER	AROMV	BENZENE	0.5	U	UG/L
SW02-05	WATER	AROMV	ETHYLBENZENE	0.5	U	UG/L
SW02-05	WATER	AROMV	TOLUENE	0.5	U	UG/L
SW02-05	WATER	AROMV	XYLENE (TOTAL)	1.0	U	UG/L
SW02-05	WATER	AROMV	METHYL-T-BUTYL ETHER	5.0	U	UG/L
SW02-05	WATER	PAH	ACENAPHTHENE	5.0	U	UG/L
SW02-05	WATER	PAH	ACENAPHTHYLENE	2.0	U	UG/L
SW02-05	WATER	PAH	ANTHRACENE	0.2	U	UG/L
SW02-05	WATER	PAH	BENZO(A)ANTHRACENE	0.2	U	UG/L
SW02-05	WATER	PAH	BENZO(A)PYRENE	0.2	U	UG/L
SW02-05	WATER	PAH	BENZO(B)FLUORANTHENE	0.2	U	UG/L
SW02-05	WATER	PAH	BENZO(G,H,I)PERYLENE	0.2	U	UG/L
SW02-05	WATER	PAH	BENZO(K)FLUORANTHENE	0.2	U	UG/L
SW02-05	WATER	PAH	CHRYSENE	0.2	U	UG/L
SW02-05	WATER	PAH	DIBENZO(A,H)ANTHRACENE	0.5	U	UG/L
SW02-05	WATER	PAH	FLUORANTHENE	0.2	U	UG/L
SW02-05	WATER	PAH	FLUORENE	1.0	U	UG/L
SW02-05	WATER	PAH	INDENO(1,2,3-CD)PYRENE	0.2	U	UG/L
SW02-05	WATER	PAH	2-METHYLNAPHTHALENE	1.0	U	UG/L
SW02-05	WATER	PAH	NAPHTHALENE	5.0	U	UG/L
SW02-05	WATER	PAH	PHENANTHRENE	1.0	U	UG/L
SW02-05	WATER	PAH	PYRENE	0.2	U	UG/L
SW02-05	WATER	PAH	1-METHYLNAPHTHALENE	1.0	U	UG/L
SW02-05	WATER	TPHEXT	JP5 RANGE ORGANICS	0.1	U	MG/L

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SAMPLE ID	SAMPLE MEDIA	ANALYTE GROUP	ANALYTE	CONCENTRATION	QUALIFIER	UNITS
SW02-05	WATER	TPHEXT	DIESEL RANGE ORGANICS	0.1	U	MG/L
SW02-05	WATER	TPHEXT	MOTOR OIL RANGE ORGANICS	0.3	Y	MG/L
SW02-05	WATER	TPHEXT	TPH - BUNKER FUEL (C10-C28)	0.1	U	MG/L
SW02-05	WATER	TPHEXT	TPH - DIESEL F-76 (C8-C28)	0.1	U	MG/L
SW02-05	WATER	TPHPRG	GASOLINE RANGE ORGANICS	0.3	Z	MG/L
SW02-05	WATER	VOA	ACETONE	1.0	JB	UG/L
SW02-05	WATER	VOA	BENZENE	10.0	U	UG/L
SW02-05	WATER	VOA	BROMOMETHANE	10.0	U	UG/L
SW02-05	WATER	VOA	BROMOFORM	10.0	U	UG/L
SW02-05	WATER	VOA	2-BUTANONE	1.0	J	UG/L
SW02-05	WATER	VOA	CARBON TETRACHLORIDE	10.0	U	UG/L
SW02-05	WATER	VOA	CARBON DISULFIDE	10.0	U	UG/L
SW02-05	WATER	VOA	CHLOROBENZENE	10.0	U	UG/L
SW02-05	WATER	VOA	CHLOROETHANE	10.0	U	UG/L
SW02-05	WATER	VOA	CHLOROFORM	10.0	U	UG/L
SW02-05	WATER	VOA	CHLOROMETHANE	10.0	U	UG/L
SW02-05	WATER	VOA	CIS-1,3-DICHLOROPROPENE	10.0	U	UG/L
SW02-05	WATER	VOA	1,1-DICHLOROETHANE	10.0	U	UG/L
SW02-05	WATER	VOA	1,2-DICHLOROETHANE	10.0	U	UG/L
SW02-05	WATER	VOA	1,1-DICHLOROETHENE	10.0	U	UG/L
SW02-05	WATER	VOA	1,2-DICHLOROETHENE (TOTAL)	10.0	U	UG/L
SW02-05	WATER	VOA	1,2-DICHLOROPROPANE	10.0	U	UG/L
SW02-05	WATER	VOA	DIBROMOCHLOROMETHANE	10.0	U	UG/L
SW02-05	WATER	VOA	BROMODICHLOROMETHANE	10.0	U	UG/L
SW02-05	WATER	VOA	ETHYLBENZENE	10.0	U	UG/L
SW02-05	WATER	VOA	2-HEXANONE	10.0	U	UG/L
SW02-05	WATER	VOA	4-METHYL-2-PENTANONE	10.0	U	UG/L
SW02-05	WATER	VOA	METHYLENE CHLORIDE	10.0	U	UG/L
SW02-05	WATER	VOA	TETRACHLOROETHENE	10.0	U	UG/L
SW02-05	WATER	VOA	STYRENE	10.0	U	UG/L
SW02-05	WATER	VOA	1,1,1-TRICHLOROETHANE	10.0	U	UG/L
SW02-05	WATER	VOA	1,1,2-TRICHLOROETHANE	10.0	U	UG/L
SW02-05	WATER	VOA	TRICHLOROETHENE	10.0	U	UG/L
SW02-05	WATER	VOA	1,1,2,2-TETRACHLOROETHANE	10.0	U	UG/L

TABLE D-3
NFD POINT MOLATE
PHASE I CHARACTERIZATION OF USTs AND FUEL PIPELINES
INTERMIM SUMMARY MEMORANDUM
SOIL AND GROUNDWATER ANALYTICAL RESULTS FROM SURFICIAL SOIL AND SEEP CHARACTERIZATION

SAMPLE ID	SAMPLE MEDIA	ANALYTE GROUP	ANALYTE	CONCENTRATION	QUALIFIER	UNITS
SW02-05	WATER	VOA	TOLUENE	10.0	U	UG/L
SW02-05	WATER	VOA	TRANS-1,3-DICHLOROPROPENE	10.0	U	UG/L
SW02-05	WATER	VOA	VINYL CHLORIDE	10.0	U	UG/L
SW02-05	WATER	VOA	XYLENE (TOTAL)	10.0	U	UG/L
SW02-06	WATER	AROMV	BENZENE	0.5	U	UG/L
SW02-06	WATER	AROMV	ETHYLBENZENE	0.5	U	UG/L
SW02-06	WATER	AROMV	TOLUENE	0.5	U	UG/L
SW02-06	WATER	AROMV	XYLENE (TOTAL)	1.0	U	UG/L
SW02-06	WATER	AROMV	METHYL-T-BUTYL ETHER	5.0	U	UG/L
SW02-06	WATER	PAH	ACENAPHTHENE	5.0	U	UG/L
SW02-06	WATER	PAH	ACENAPHTHYLENE	2.0	U	UG/L
SW02-06	WATER	PAH	ANTHRACENE	0.2	U	UG/L
SW02-06	WATER	PAH	BENZO(A)ANTHRACENE	0.2	U	UG/L
SW02-06	WATER	PAH	BENZO(A)PYRENE	0.2	U	UG/L
SW02-06	WATER	PAH	BENZO(B)FLUORANTHENE	0.2	U	UG/L
SW02-06	WATER	PAH	BENZO(G,H,I)PERYLENE	0.2	U	UG/L
SW02-06	WATER	PAH	BENZO(K)FLUORANTHENE	0.2	U	UG/L
SW02-06	WATER	PAH	CHRYSENE	0.2	U	UG/L
SW02-06	WATER	PAH	DIBENZO(A,H)ANTHRACENE	0.5	U	UG/L
SW02-06	WATER	PAH	FLUORANTHENE	0.2	U	UG/L
SW02-06	WATER	PAH	FLUORENE	1.0	U	UG/L
SW02-06	WATER	PAH	INDENO(1,2,3-CD)PYRENE	0.2	U	UG/L
SW02-06	WATER	PAH	2-METHYLNAPHTHALENE	1.0	U	UG/L
SW02-06	WATER	PAH	NAPHTHALENE	5.0	U	UG/L
SW02-06	WATER	PAH	PHENANTHRENE	1.0	U	UG/L
SW02-06	WATER	PAH	PYRENE	0.2	U	UG/L
SW02-06	WATER	PAH	1-METHYLNAPHTHALENE	1.0	U	UG/L
SW02-06	WATER	TPHEXT	JP5 RANGE ORGANICS	0.1	U	MG/L
SW02-06	WATER	TPHEXT	DIESEL RANGE ORGANICS	0.1	U	MG/L
SW02-06	WATER	TPHEXT	MOTOR OIL RANGE ORGANICS	0.1	U	MG/L
SW02-06	WATER	TPHEXT	TPH - BUNKER FUEL (C10-C28)	0.1	U	MG/L
SW02-06	WATER	TPHEXT	TPH - DIESEL F-76 (C8-C28)	0.1	U	MG/L
SW02-06	WATER	TPHPRG	GASOLINE RANGE ORGANICS	0.1	Z	MG/L
SW02-06	WATER	VOA	CHLOROETHANE	10.0	U	UG/L

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PHASE I CHARACTERIZATION OF USTs AND FUEL PIPELINES
INTERMIM SUMMARY MEMORANDUM
SOIL AND GROUNDWATER ANALYTICAL RESULTS FROM SURFICIAL SOIL AND SEEP CHARACTERIZATION

SAMPLE ID	SAMPLE MEDIA	ANALYTE GROUP	ANALYTE	CONCENTRATION	QUALIFIER	UNITS
SW02-06	WATER	VOA	CHLOROFORM	10.0	U	UG/L
SW02-06	WATER	VOA	CHLOROMETHANE	10.0	U	UG/L
SW02-06	WATER	VOA	CIS-1,3-DICHLOROPROPENE	10.0	U	UG/L
SW02-06	WATER	VOA	1,1-DICHLOROETHANE	10.0	U	UG/L
SW02-06	WATER	VOA	1,2-DICHLOROETHANE	10.0	U	UG/L
SW02-06	WATER	VOA	1,1-DICHLOROETHENE	10.0	U	UG/L
SW02-06	WATER	VOA	1,2-DICHLOROETHENE (TOTAL)	10.0	U	UG/L
SW02-06	WATER	VOA	1,2-DICHLOROPROPANE	10.0	U	UG/L
SW02-06	WATER	VOA	DIBROMOCHLOROMETHANE	10.0	U	UG/L
SW02-06	WATER	VOA	BROMODICHLOROMETHANE	10.0	U	UG/L
SW02-06	WATER	VOA	ETHYLBENZENE	10.0	U	UG/L
SW02-06	WATER	VOA	2-HEXANONE	10.0	U	UG/L
SW02-06	WATER	VOA	4-METHYL-2-PENTANONE	10.0	U	UG/L
SW02-06	WATER	VOA	METHYLENE CHLORIDE	10.0	U	UG/L
SW02-06	WATER	VOA	TETRACHLOROETHENE	10.0	U	UG/L
SW02-06	WATER	VOA	STYRENE	10.0	U	UG/L
SW02-06	WATER	VOA	1,1,1-TRICHLOROETHANE	10.0	U	UG/L
SW02-06	WATER	VOA	1,1,2-TRICHLOROETHANE	10.0	U	UG/L
SW02-06	WATER	VOA	TRICHLOROETHENE	10.0	U	UG/L
SW02-06	WATER	VOA	1,1,2,2-TETRACHLOROETHANE	10.0	U	UG/L
SW02-06	WATER	VOA	TOLUENE	10.0	U	UG/L
SW02-06	WATER	VOA	TRANS-1,3-DICHLOROPROPENE	10.0	U	UG/L
SW02-06	WATER	VOA	VINYL CHLORIDE	10.0	U	UG/L
SW02-06	WATER	VOA	XYLENE (TOTAL)	10.0	U	UG/L
SW02-06	WATER	VOA	CHLOROBENZENE	10.0	U	UG/L
SW02-06	WATER	VOA	ACETONE	1.0	JB	UG/L
SW02-06	WATER	VOA	BENZENE	10.0	U	UG/L
SW02-06	WATER	VOA	BROMOMETHANE	10.0	U	UG/L
SW02-06	WATER	VOA	BROMOFORM	10.0	U	UG/L
SW02-06	WATER	VOA	2-BUTANONE	0.7	J	UG/L
SW02-06	WATER	VOA	CARBON TETRACHLORIDE	10.0	U	UG/L
SW02-06	WATER	VOA	CARBON DISULFIDE	10.0	U	UG/L
SW03-04	WATER	AROMV	BENZENE	0.5	U	UG/L
SW03-04	WATER	AROMV	ETHYLBENZENE	0.5	U	UG/L

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PHASE I CHARACTERIZATION OF USTs AND FUEL PIPELINES
INTERMIM SUMMARY MEMORANDUM
SOIL AND GROUNDWATER ANALYTICAL RESULTS FROM SURFICIAL SOIL AND SEEP CHARACTERIZATION

SAMPLE ID	SAMPLE MEDIA	ANALYTE GROUP	ANALYTE	CONCENTRATION	QUALIFIER	UNITS
SW03-04	WATER	AROMV	TOLUENE	0.5	U	UG/L
SW03-04	WATER	AROMV	XYLENE (TOTAL)	1.0	U	UG/L
SW03-04	WATER	AROMV	METHYL-T-BUTYL ETHER	5.0	U	UG/L
SW03-04	WATER	PAH	ACENAPHTHENE	50.0	U	UG/L
SW03-04	WATER	PAH	ACENAPHTHYLENE	20.0	U	UG/L
SW03-04	WATER	PAH	ANTHRACENE	2.0	U	UG/L
SW03-04	WATER	PAH	BENZO(A)ANTHRACENE	2.0	U	UG/L
SW03-04	WATER	PAH	BENZO(A)PYRENE	2.0	U	UG/L
SW03-04	WATER	PAH	BENZO(B)FLUORANTHENE	2.0	U	UG/L
SW03-04	WATER	PAH	BENZO(G,H,I)PERYLENE	2.0	U	UG/L
SW03-04	WATER	PAH	BENZO(K)FLUORANTHENE	2.0	U	UG/L
SW03-04	WATER	PAH	CHRYSENE	2.0	U	UG/L
SW03-04	WATER	PAH	DIBENZO(A,H)ANTHRACENE	5.0	U	UG/L
SW03-04	WATER	PAH	FLUORANTHENE	2.0	U	UG/L
SW03-04	WATER	PAH	FLUORENE	10.0	U	UG/L
SW03-04	WATER	PAH	INDENO(1,2,3-CD)PYRENE	2.0	U	UG/L
SW03-04	WATER	PAH	2-METHYLNAPHTHALENE	10.0	U	UG/L
SW03-04	WATER	PAH	NAPHTHALENE	50.0	U	UG/L
SW03-04	WATER	PAH	PHENANTHRENE	10.0	U	UG/L
SW03-04	WATER	PAH	PYRENE	2.0	U	UG/L
SW03-04	WATER	PAH	1-METHYLNAPHTHALENE	10.0	U	UG/L
SW03-04	WATER	TPHEXT	JP5 RANGE ORGANICS	0.1	U	MG/L
SW03-04	WATER	TPHEXT	DIESEL RANGE ORGANICS	3.0	Y	MG/L
SW03-04	WATER	TPHEXT	MOTOR OIL RANGE ORGANICS	0.1	U	MG/L
SW03-04	WATER	TPHEXT	TPH - BUNKER FUEL (C10-C28)	0.1	U	MG/L
SW03-04	WATER	TPHEXT	TPH - DIESEL F-76 (C8-C28)	0.1	U	MG/L
SW03-04	WATER	TPHPRG	GASOLINE RANGE ORGANICS	0.1	Z	MG/L
SW03-04	WATER	VOA	1,1,2-TRICHLOROETHANE	20.0	U	UG/L
SW03-04	WATER	VOA	TRICHLOROETHENE	20.0	U	UG/L
SW03-04	WATER	VOA	1,1,2,2-TETRACHLOROETHANE	20.0	U	UG/L
SW03-04	WATER	VOA	TOLUENE	20.0	U	UG/L
SW03-04	WATER	VOA	TRANS-1,3-DICHLOROPROPENE	20.0	U	UG/L
SW03-04	WATER	VOA	VINYL CHLORIDE	20.0	U	UG/L
SW03-04	WATER	VOA	XYLENE (TOTAL)	20.0	U	UG/L

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PHASE I CHARACTERIZATION OF USTs AND FUEL PIPELINES
INTERMIM SUMMARY MEMORANDUM
SOIL AND GROUNDWATER ANALYTICAL RESULTS FROM SURFICIAL SOIL AND SEEP CHARACTERIZATION

SAMPLE ID	SAMPLE MEDIA	ANALYTE GROUP	ANALYTE	CONCENTRATION	QUALIFIER	UNITS
SW03-04	WATER	VOA	1,1,1-TRICHLOROETHANE	20.0	U	UG/L
SW03-04	WATER	VOA	ACETONE	5.0	JB	UG/L
SW03-04	WATER	VOA	BENZENE	0.9	J	UG/L
SW03-04	WATER	VOA	BROMOMETHANE	20.0	U	UG/L
SW03-04	WATER	VOA	BROMOFORM	20.0	U	UG/L
SW03-04	WATER	VOA	2-BUTANONE	2.0	J	UG/L
SW03-04	WATER	VOA	CARBON TETRACHLORIDE	20.0	U	UG/L
SW03-04	WATER	VOA	CARBON DISULFIDE	20.0	U	UG/L
SW03-04	WATER	VOA	CHLOROBENZENE	20.0	U	UG/L
SW03-04	WATER	VOA	CHLOROETHANE	20.0	U	UG/L
SW03-04	WATER	VOA	CHLOROFORM	20.0	U	UG/L
SW03-04	WATER	VOA	CHLOROMETHANE	20.0	U	UG/L
SW03-04	WATER	VOA	CIS-1,3-DICHLOROPROPENE	20.0	U	UG/L
SW03-04	WATER	VOA	1,1-DICHLOROETHANE	20.0	U	UG/L
SW03-04	WATER	VOA	1,2-DICHLOROETHANE	20.0	U	UG/L
SW03-04	WATER	VOA	1,1-DICHLOROETHENE	20.0	U	UG/L
SW03-04	WATER	VOA	1,2-DICHLOROETHENE (TOTAL)	20.0	U	UG/L
SW03-04	WATER	VOA	1,2-DICHLOROPROPANE	20.0	U	UG/L
SW03-04	WATER	VOA	DIBROMOCHLOROMETHANE	20.0	U	UG/L
SW03-04	WATER	VOA	BROMODICHLOROMETHANE	20.0	U	UG/L
SW03-04	WATER	VOA	ETHYLBENZENE	20.0	U	UG/L
SW03-04	WATER	VOA	2-HEXANONE	20.0	U	UG/L
SW03-04	WATER	VOA	4-METHYL-2-PENTANONE	20.0	U	UG/L
SW03-04	WATER	VOA	METHYLENE CHLORIDE	20.0	U	UG/L
SW03-04	WATER	VOA	TETRACHLOROETHENE	20.0	U	UG/L
SW03-04	WATER	VOA	STYRENE	20.0	U	UG/L
SW03-99	WATER	AROMV	BENZENE	0.5	U	UG/L
SW03-99	WATER	AROMV	ETHYLBENZENE	0.5	U	UG/L
SW03-99	WATER	AROMV	TOLUENE	0.5	U	UG/L
SW03-99	WATER	AROMV	XYLENE (TOTAL)	1.0	U	UG/L
SW03-99	WATER	AROMV	METHYL-T-BUTYL ETHER	5.0	U	UG/L
SW03-99	WATER	PAH	ACENAPHTHENE	25.0	U	UG/L
SW03-99	WATER	PAH	ACENAPHTHYLENE	10.0	U	UG/L
SW03-99	WATER	PAH	ANTHRACENE	1.0	U	UG/L

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PHASE I CHARACTERIZATION OF USTs AND FUEL PIPELINES
INTERMIM SUMMARY MEMORANDUM
SOIL AND GROUNDWATER ANALYTICAL RESULTS FROM SURFICIAL SOIL AND SEEP CHARACTERIZATION

SAMPLE ID	SAMPLE MEDIA	ANALYTE GROUP	ANALYTE	CONCENTRATION	QUALIFIER	UNITS
SW03-99	WATER	PAH	BENZO(A)ANTHRACENE	1.0	U	UG/L
SW03-99	WATER	PAH	BENZO(A)PYRENE	1.0	U	UG/L
SW03-99	WATER	PAH	BENZO(B)FLUORANTHENE	1.0	U	UG/L
SW03-99	WATER	PAH	BENZO(G,H,I)PERYLENE	1.0	U	UG/L
SW03-99	WATER	PAH	BENZO(K)FLUORANTHENE	1.0	U	UG/L
SW03-99	WATER	PAH	CHRYSENE	1.0	U	UG/L
SW03-99	WATER	PAH	DIBENZO(A,H)ANTHRACENE	2.5	U	UG/L
SW03-99	WATER	PAH	FLUORANTHENE	1.0	U	UG/L
SW03-99	WATER	PAH	FLUORENE	5.0	U	UG/L
SW03-99	WATER	PAH	INDENO(1,2,3-CD)PYRENE	1.0	U	UG/L
SW03-99	WATER	PAH	2-METHYLNAPHTHALENE	5.0	U	UG/L
SW03-99	WATER	PAH	NAPHTHALENE	25.0	U	UG/L
SW03-99	WATER	PAH	PHENANTHRENE	5.0	U	UG/L
SW03-99	WATER	PAH	PYRENE	1.0	U	UG/L
SW03-99	WATER	PAH	1-METHYLNAPHTHALENE	5.0	U	UG/L
SW03-99	WATER	TPHEXT	JP5 RANGE ORGANICS	0.1	U	MG/L
SW03-99	WATER	TPHEXT	DIESEL RANGE ORGANICS	3.8	Y	MG/L
SW03-99	WATER	TPHEXT	MOTOR OIL RANGE ORGANICS	0.1	U	MG/L
SW03-99	WATER	TPHEXT	TPH - BUNKER FUEL (C10-C28)	0.1	U	MG/L
SW03-99	WATER	TPHEXT	TPH - DIESEL F-76 (C8-C28)	0.1	U	MG/L
SW03-99	WATER	TPHPRG	GASOLINE RANGE ORGANICS	0.1	Z	MG/L
SW03-99	WATER	VOA	ACETONE	11.0	JB	UG/L
SW03-99	WATER	VOA	BENZENE	50.0	U	UG/L
SW03-99	WATER	VOA	BROMOMETHANE	50.0	U	UG/L
SW03-99	WATER	VOA	BROMOFORM	50.0	U	UG/L
SW03-99	WATER	VOA	2-BUTANONE	50.0	U	UG/L
SW03-99	WATER	VOA	CARBON TETRACHLORIDE	50.0	U	UG/L
SW03-99	WATER	VOA	CARBON DISULFIDE	50.0	U	UG/L
SW03-99	WATER	VOA	CHLOROBENZENE	50.0	U	UG/L
SW03-99	WATER	VOA	CHLOROETHANE	50.0	U	UG/L
SW03-99	WATER	VOA	CHLOROFORM	50.0	U	UG/L
SW03-99	WATER	VOA	CHLOROMETHANE	50.0	U	UG/L
SW03-99	WATER	VOA	CIS-1,3-DICHLOROPROPENE	50.0	U	UG/L
SW03-99	WATER	VOA	1,1-DICHLOROETHANE	50.0	U	UG/L

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PHASE I CHARACTERIZATION OF USTs AND FUEL PIPELINES
INTERMIM SUMMARY MEMORANDUM
SOIL AND GROUNDWATER ANALYTICAL RESULTS FROM SURFICIAL SOIL AND SEEP CHARACTERIZATION

SAMPLE ID	SAMPLE MEDIA	ANALYTE GROUP	ANALYTE	CONCENTRATION	QUALIFIER	UNITS
SW03-99	WATER	VOA	1,2-DICHLOROETHANE	50.0	U	UG/L
SW03-99	WATER	VOA	1,1-DICHLOROETHENE	50.0	U	UG/L
SW03-99	WATER	VOA	1,2-DICHLOROETHENE (TOTAL)	50.0	U	UG/L
SW03-99	WATER	VOA	1,2-DICHLOROPROPANE	50.0	U	UG/L
SW03-99	WATER	VOA	DIBROMOCHLOROMETHANE	50.0	U	UG/L
SW03-99	WATER	VOA	BROMODICHLOROMETHANE	50.0	U	UG/L
SW03-99	WATER	VOA	ETHYLBENZENE	50.0	U	UG/L
SW03-99	WATER	VOA	2-HEXANONE	50.0	U	UG/L
SW03-99	WATER	VOA	4-METHYL-2-PENTANONE	50.0	U	UG/L
SW03-99	WATER	VOA	METHYLENE CHLORIDE	50.0	U	UG/L
SW03-99	WATER	VOA	TETRACHLOROETHENE	50.0	U	UG/L
SW03-99	WATER	VOA	STYRENE	50.0	U	UG/L
SW03-99	WATER	VOA	1,1,1-TRICHLOROETHANE	50.0	U	UG/L
SW03-99	WATER	VOA	1,1,2-TRICHLOROETHANE	50.0	U	UG/L
SW03-99	WATER	VOA	TRICHLOROETHENE	50.0	U	UG/L
SW03-99	WATER	VOA	1,1,2,2-TETRACHLOROETHANE	50.0	U	UG/L
SW03-99	WATER	VOA	TOLUENE	50.0	U	UG/L
SW03-99	WATER	VOA	TRANS-1,3-DICHLOROPROPENE	50.0	U	UG/L
SW03-99	WATER	VOA	VINYL CHLORIDE	50.0	U	UG/L
SW03-99	WATER	VOA	XYLENE (TOTAL)	50.0	U	UG/L
SW04-01	WATER	AROMV	BENZENE	0.5	U	UG/L
SW04-01	WATER	AROMV	ETHYLBENZENE	0.5	U	UG/L
SW04-01	WATER	AROMV	TOLUENE	0.5	U	UG/L
SW04-01	WATER	AROMV	XYLENE (TOTAL)	1.0	U	UG/L
SW04-01	WATER	AROMV	METHYL-T-BUTYL ETHER	5.0	U	UG/L
SW04-01	WATER	PAH	FLUORANTHENE	0.2	U	UG/L
SW04-01	WATER	PAH	FLUORENE	1.0	U	UG/L
SW04-01	WATER	PAH	INDENO(1,2,3-CD)PYRENE	0.2	U	UG/L
SW04-01	WATER	PAH	2-METHYLNAPHTHALENE	1.0	U	UG/L
SW04-01	WATER	PAH	NAPHTHALENE	5.0	U	UG/L
SW04-01	WATER	PAH	PHENANTHRENE	1.0	U	UG/L
SW04-01	WATER	PAH	PYRENE	0.2	U	UG/L
SW04-01	WATER	PAH	1-METHYLNAPHTHALENE	1.0	U	UG/L
SW04-01	WATER	PAH	ACENAPHTHENE	5.0	U	UG/L

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SAMPLE ID	SAMPLE MEDIA	ANALYTE GROUP	ANALYTE	CONCENTRATION	QUALIFIER	UNITS
SW04-01	WATER	PAH	ACENAPHTHYLENE	2.0	U	UG/L
SW04-01	WATER	PAH	ANTHRACENE	0.2	U	UG/L
SW04-01	WATER	PAH	BENZO(A)ANTHRACENE	0.2	U	UG/L
SW04-01	WATER	PAH	BENZO(A)PYRENE	0.2	U	UG/L
SW04-01	WATER	PAH	BENZO(B)FLUORANTHENE	0.2	U	UG/L
SW04-01	WATER	PAH	BENZO(G,H,I)PERYLENE	0.2	U	UG/L
SW04-01	WATER	PAH	BENZO(K)FLUORANTHENE	0.2	U	UG/L
SW04-01	WATER	PAH	CHRYSENE	0.2	U	UG/L
SW04-01	WATER	PAH	DIBENZO(A,H)ANTHRACENE	0.5	U	UG/L
SW04-01	WATER	TPHEXT	JP5 RANGE ORGANICS	0.1	U	MG/L
SW04-01	WATER	TPHEXT	DIESEL RANGE ORGANICS	0.5	Y	MG/L
SW04-01	WATER	TPHEXT	MOTOR OIL RANGE ORGANICS	0.1	U	MG/L
SW04-01	WATER	TPHEXT	TPH - BUNKER FUEL (C10-C28)	0.1	U	MG/L
SW04-01	WATER	TPHEXT	TPH - DIESEL F-76 (C8-C28)	0.1	U	MG/L
SW04-01	WATER	TPHPRG	GASOLINE RANGE ORGANICS	0.1	U	MG/L
SW04-01	WATER	VOA	1,2-DICHLOROETHANE	10.0	U	UG/L
SW04-01	WATER	VOA	1,1-DICHLOROETHENE	10.0	U	UG/L
SW04-01	WATER	VOA	1,2-DICHLOROETHENE (TOTAL)	10.0	U	UG/L
SW04-01	WATER	VOA	1,2-DICHLOROPROPANE	10.0	U	UG/L
SW04-01	WATER	VOA	DIBROMOCHLOROMETHANE	10.0	U	UG/L
SW04-01	WATER	VOA	BROMODICHLOROMETHANE	10.0	U	UG/L
SW04-01	WATER	VOA	ETHYLBENZENE	10.0	U	UG/L
SW04-01	WATER	VOA	2-HEXANONE	10.0	U	UG/L
SW04-01	WATER	VOA	4-METHYL-2-PENTANONE	10.0	U	UG/L
SW04-01	WATER	VOA	METHYLENE CHLORIDE	10.0	U	UG/L
SW04-01	WATER	VOA	TETRACHLOROETHENE	10.0	U	UG/L
SW04-01	WATER	VOA	STYRENE	10.0	U	UG/L
SW04-01	WATER	VOA	1,1,1-TRICHLOROETHANE	10.0	U	UG/L
SW04-01	WATER	VOA	1,1,2-TRICHLOROETHANE	10.0	U	UG/L
SW04-01	WATER	VOA	TRICHLOROETHENE	10.0	U	UG/L
SW04-01	WATER	VOA	1,1,2,2-TETRACHLOROETHANE	10.0	U	UG/L
SW04-01	WATER	VOA	TOLUENE	10.0	U	UG/L
SW04-01	WATER	VOA	TRANS-1,3-DICHLOROPROPENE	10.0	U	UG/L
SW04-01	WATER	VOA	VINYL CHLORIDE	10.0	U	UG/L

TABLE D-3
NFD POINT MOLATE
PHASE I CHARACTERIZATION OF USTs AND FUEL PIPELINES
INTERMIM SUMMARY MEMORANDUM
SOIL AND GROUNDWATER ANALYTICAL RESULTS FROM SURFICIAL SOIL AND SEEP CHARACTERIZATION

SAMPLE ID	SAMPLE MEDIA	ANALYTE GROUP	ANALYTE	CONCENTRATION	QUALIFIER	UNITS
SW04-01	WATER	VOA	XYLENE (TOTAL)	10.0	U	UG/L
SW04-01	WATER	VOA	1,1-DICHLOROETHANE	10.0	U	UG/L
SW04-01	WATER	VOA	ACETONE	1.0	JB	UG/L
SW04-01	WATER	VOA	BENZENE	10.0	U	UG/L
SW04-01	WATER	VOA	BROMOMETHANE	10.0	U	UG/L
SW04-01	WATER	VOA	BROMOFORM	10.0	U	UG/L
SW04-01	WATER	VOA	2-BUTANONE	0.6	J	UG/L
SW04-01	WATER	VOA	CARBON TETRACHLORIDE	10.0	U	UG/L
SW04-01	WATER	VOA	CARBON DISULFIDE	10.0	U	UG/L
SW04-01	WATER	VOA	CHLOROBENZENE	10.0	U	UG/L
SW04-01	WATER	VOA	CHLOROETHANE	10.0	U	UG/L
SW04-01	WATER	VOA	CHLOROFORM	10.0	U	UG/L
SW04-01	WATER	VOA	CHLOROMETHANE	10.0	U	UG/L
SW04-01	WATER	VOA	CIS-1,3-DICHLOROPROPENE	10.0	U	UG/L
SW05-01	WATER	AROMV	BENZENE	0.5	U	UG/L
SW05-01	WATER	AROMV	ETHYLBENZENE	0.5	U	UG/L
SW05-01	WATER	AROMV	TOLUENE	0.5	U	UG/L
SW05-01	WATER	AROMV	XYLENE (TOTAL)	1.0	U	UG/L
SW05-01	WATER	AROMV	METHYL-T-BUTYL ETHER	5.0	U	UG/L
SW05-01	WATER	PAH	ACENAPHTHENE	5.0	U	UG/L
SW05-01	WATER	PAH	ACENAPHTHYLENE	2.0	U	UG/L
SW05-01	WATER	PAH	ANTHRACENE	0.2	U	UG/L
SW05-01	WATER	PAH	BENZO(A)ANTHRACENE	0.2	U	UG/L
SW05-01	WATER	PAH	BENZO(A)PYRENE	0.2	U	UG/L
SW05-01	WATER	PAH	BENZO(B)FLUORANTHENE	0.2	U	UG/L
SW05-01	WATER	PAH	BENZO(G,H,I)PERYLENE	0.2	U	UG/L
SW05-01	WATER	PAH	BENZO(K)FLUORANTHENE	0.2	U	UG/L
SW05-01	WATER	PAH	CHRYSENE	0.2	U	UG/L
SW05-01	WATER	PAH	DIBENZO(A,H)ANTHRACENE	0.5	U	UG/L
SW05-01	WATER	PAH	FLUORANTHENE	0.2	U	UG/L
SW05-01	WATER	PAH	FLUORENE	1.0	U	UG/L
SW05-01	WATER	PAH	INDENO(1,2,3-CD)PYRENE	0.2	U	UG/L
SW05-01	WATER	PAH	2-METHYLNAPHTHALENE	1.0	U	UG/L
SW05-01	WATER	PAH	NAPHTHALENE	5.0	U	UG/L

TABLE D-3
NFD POINT MOLATE
PHASE I CHARACTERIZATION OF USTs AND FUEL PIPELINES
INTERMIM SUMMARY MEMORANDUM
SOIL AND GROUNDWATER ANALYTICAL RESULTS FROM SURFICIAL SOIL AND SEEP CHARACTERIZATION

SAMPLE ID	SAMPLE MEDIA	ANALYTE GROUP	ANALYTE	CONCENTRATION	QUALIFIER	UNITS
SW05-01	WATER	PAH	PHENANTHRENE	1.0	U	UG/L
SW05-01	WATER	PAH	PYRENE	0.2	U	UG/L
SW05-01	WATER	PAH	1-METHYLNAPHTHALENE	1.0	U	UG/L
SW05-01	WATER	TPHEXT	JP5 RANGE ORGANICS	0.1	U	MG/L
SW05-01	WATER	TPHEXT	DIESEL RANGE ORGANICS	0.1	U	MG/L
SW05-01	WATER	TPHEXT	MOTOR OIL RANGE ORGANICS	0.4	Y	MG/L
SW05-01	WATER	TPHEXT	TPH - BUNKER FUEL (C10-C28)	0.1	U	MG/L
SW05-01	WATER	TPHEXT	TPH - DIESEL F-76 (C8-C28)	0.1	U	MG/L
SW05-01	WATER	TPHPRG	GASOLINE RANGE ORGANICS	0.1	U	MG/L
SW05-01	WATER	VOA	4-METHYL-2-PENTANONE	10.0	U	UG/L
SW05-01	WATER	VOA	METHYLENE CHLORIDE	10.0	U	UG/L
SW05-01	WATER	VOA	TETRACHLOROETHENE	10.0	U	UG/L
SW05-01	WATER	VOA	STYRENE	10.0	U	UG/L
SW05-01	WATER	VOA	1,1,1-TRICHLOROETHANE	10.0	U	UG/L
SW05-01	WATER	VOA	1,1,2-TRICHLOROETHANE	10.0	U	UG/L
SW05-01	WATER	VOA	TRICHLOROETHENE	0.6	J	UG/L
SW05-01	WATER	VOA	1,1,2,2-TETRACHLOROETHANE	10.0	U	UG/L
SW05-01	WATER	VOA	TOLUENE	10.0	U	UG/L
SW05-01	WATER	VOA	TRANS-1,3-DICHLOROPROPENE	10.0	U	UG/L
SW05-01	WATER	VOA	VINYL CHLORIDE	10.0	U	UG/L
SW05-01	WATER	VOA	XYLENE (TOTAL)	10.0	U	UG/L
SW05-01	WATER	VOA	2-HEXANONE	10.0	U	UG/L
SW05-01	WATER	VOA	ACETONE	3.0	JB	UG/L
SW05-01	WATER	VOA	BENZENE	10.0	U	UG/L
SW05-01	WATER	VOA	BROMOMETHANE	10.0	U	UG/L
SW05-01	WATER	VOA	BROMOFORM	10.0	U	UG/L
SW05-01	WATER	VOA	2-BUTANONE	0.6	J	UG/L
SW05-01	WATER	VOA	CARBON TETRACHLORIDE	10.0	U	UG/L
SW05-01	WATER	VOA	CARBON DISULFIDE	10.0	U	UG/L
SW05-01	WATER	VOA	CHLOROBENZENE	10.0	U	UG/L
SW05-01	WATER	VOA	CHLOROETHANE	10.0	U	UG/L
SW05-01	WATER	VOA	CHLOROFORM	10.0	U	UG/L
SW05-01	WATER	VOA	CHLOROMETHANE	10.0	U	UG/L
SW05-01	WATER	VOA	CIS-1,3-DICHLOROPROPENE	10.0	U	UG/L

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PHASE I CHARACTERIZATION OF USTs AND FUEL PIPELINES
INTERMIM SUMMARY MEMORANDUM
SOIL AND GROUNDWATER ANALYTICAL RESULTS FROM SURFICIAL SOIL AND SEEP CHARACTERIZATION

SAMPLE ID	SAMPLE MEDIA	ANALYTE GROUP	ANALYTE	CONCENTRATION	QUALIFIER	UNITS
SW05-01	WATER	VOA	1,1-DICHLOROETHANE	10.0	U	UG/L
SW05-01	WATER	VOA	1,2-DICHLOROETHANE	10.0	U	UG/L
SW05-01	WATER	VOA	1,1-DICHLOROETHENE	10.0	U	UG/L
SW05-01	WATER	VOA	1,2-DICHLOROETHENE (TOTAL)	10.0	U	UG/L
SW05-01	WATER	VOA	1,2-DICHLOROPROPANE	10.0	U	UG/L
SW05-01	WATER	VOA	DIBROMOCHLOROMETHANE	10.0	U	UG/L
SW05-01	WATER	VOA	BROMODICHLOROMETHANE	10.0	U	UG/L
SW05-01	WATER	VOA	ETHYLBENZENE	10.0	U	UG/L
SW10-01	WATER	AROMV	BENZENE	0.5	U	UG/L
SW10-01	WATER	AROMV	ETHYLBENZENE	0.5	U	UG/L
SW10-01	WATER	AROMV	TOLUENE	0.5	U	UG/L
SW10-01	WATER	AROMV	XYLENE (TOTAL)	1.0	U	UG/L
SW10-01	WATER	AROMV	METHYL-T-BUTYL ETHER	5.0	U	UG/L
SW10-01	WATER	PAH	INDENO(1,2,3-CD)PYRENE	0.2	U	UG/L
SW10-01	WATER	PAH	2-METHYLNAPHTHALENE	1.0	U	UG/L
SW10-01	WATER	PAH	NAPHTHALENE	5.0	U	UG/L
SW10-01	WATER	PAH	PHENANTHRENE	1.0	U	UG/L
SW10-01	WATER	PAH	PYRENE	0.2	U	UG/L
SW10-01	WATER	PAH	1-METHYLNAPHTHALENE	1.0	U	UG/L
SW10-01	WATER	PAH	FLUORENE	1.0	U	UG/L
SW10-01	WATER	PAH	ACENAPHTHENE	5.0	U	UG/L
SW10-01	WATER	PAH	ACENAPHTHYLENE	2.0	U	UG/L
SW10-01	WATER	PAH	ANTHRACENE	0.2	U	UG/L
SW10-01	WATER	PAH	BENZO(A)ANTHRACENE	0.2	U	UG/L
SW10-01	WATER	PAH	BENZO(A)PYRENE	0.2	U	UG/L
SW10-01	WATER	PAH	BENZO(B)FLUORANTHENE	0.2	U	UG/L
SW10-01	WATER	PAH	BENZO(G,H,I)PERYLENE	0.2	U	UG/L
SW10-01	WATER	PAH	BENZO(K)FLUORANTHENE	0.2	U	UG/L
SW10-01	WATER	PAH	CHRYSENE	0.2	U	UG/L
SW10-01	WATER	PAH	DIBENZO(A,H)ANTHRACENE	0.5	U	UG/L
SW10-01	WATER	PAH	FLUORANTHENE	0.2	U	UG/L
SW10-01	WATER	TPHEXT	JP5 RANGE ORGANICS	0.1	U	MG/L
SW10-01	WATER	TPHEXT	DIESEL RANGE ORGANICS	0.1	U	MG/L
SW10-01	WATER	TPHEXT	MOTOR OIL RANGE ORGANICS	0.1	U	MG/L

TABLE D-3
NFD POINT MOLATE
PHASE I CHARACTERIZATION OF USTs AND FUEL PIPELINES
INTERMIM SUMMARY MEMORANDUM
SOIL AND GROUNDWATER ANALYTICAL RESULTS FROM SURFICIAL SOIL AND SEEP CHARACTERIZATION

SAMPLE ID	SAMPLE MEDIA	ANALYTE GROUP	ANALYTE	CONCENTRATION	QUALIFIER	UNITS
SW10-01	WATER	TPHEXT	TPH - BUNKER FUEL (C10-C28)	0.1	U	MG/L
SW10-01	WATER	TPHEXT	TPH - DIESEL F-76 (C8-C28)	0.1	U	MG/L
SW10-01	WATER	TPHPRG	GASOLINE RANGE ORGANICS	0.1	U	MG/L
SW10-01	WATER	VOA	1,2-DICHLOROETHENE (TOTAL)	10.0	U	UG/L
SW10-01	WATER	VOA	1,2-DICHLOROPROPANE	10.0	U	UG/L
SW10-01	WATER	VOA	DIBROMOCHLOROMETHANE	10.0	U	UG/L
SW10-01	WATER	VOA	BROMODICHLOROMETHANE	10.0	U	UG/L
SW10-01	WATER	VOA	ETHYLBENZENE	10.0	U	UG/L
SW10-01	WATER	VOA	2-HEXANONE	10.0	U	UG/L
SW10-01	WATER	VOA	4-METHYL-2-PENTANONE	10.0	U	UG/L
SW10-01	WATER	VOA	METHYLENE CHLORIDE	10.0	U	UG/L
SW10-01	WATER	VOA	TETRACHLOROETHENE	10.0	U	UG/L
SW10-01	WATER	VOA	STYRENE	10.0	U	UG/L
SW10-01	WATER	VOA	1,1,1-TRICHLOROETHANE	10.0	U	UG/L
SW10-01	WATER	VOA	1,1,2-TRICHLOROETHANE	10.0	U	UG/L
SW10-01	WATER	VOA	TRICHLOROETHENE	10.0	U	UG/L
SW10-01	WATER	VOA	1,1,2,2-TETRACHLOROETHANE	10.0	U	UG/L
SW10-01	WATER	VOA	TOLUENE	10.0	U	UG/L
SW10-01	WATER	VOA	TRANS-1,3-DICHLOROPROPENE	10.0	U	UG/L
SW10-01	WATER	VOA	VINYL CHLORIDE	10.0	U	UG/L
SW10-01	WATER	VOA	XYLENE (TOTAL)	10.0	U	UG/L
SW10-01	WATER	VOA	1,1-DICHLOROETHENE	10.0	U	UG/L
SW10-01	WATER	VOA	ACETONE	0.7	JB	UG/L
SW10-01	WATER	VOA	BENZENE	10.0	U	UG/L
SW10-01	WATER	VOA	BROMOMETHANE	10.0	U	UG/L
SW10-01	WATER	VOA	BROMOFORM	10.0	U	UG/L
SW10-01	WATER	VOA	2-BUTANONE	10.0	U	UG/L
SW10-01	WATER	VOA	CARBON TETRACHLORIDE	10.0	U	UG/L
SW10-01	WATER	VOA	CARBON DISULFIDE	10.0	U	UG/L
SW10-01	WATER	VOA	CHLOROBENZENE	10.0	U	UG/L
SW10-01	WATER	VOA	CHLOROETHANE	10.0	U	UG/L
SW10-01	WATER	VOA	CHLOROFORM	10.0	U	UG/L
SW10-01	WATER	VOA	CHLOROMETHANE	10.0	U	UG/L
SW10-01	WATER	VOA	CIS-1,3-DICHLOROPROPENE	10.0	U	UG/L

TABLE D-3
NFD POINT MOLATE
PHASE I CHARACTERIZATION OF USTs AND FUEL PIPELINES
INTERMIM SUMMARY MEMORANDUM
SOIL AND GROUNDWATER ANALYTICAL RESULTS FROM SURFICIAL SOIL AND SEEP CHARACTERIZATION

SAMPLE ID	SAMPLE MEDIA	ANALYTE GROUP	ANALYTE	CONCENTRATION	QUALIFIER	UNITS
SW10-01	WATER	VOA	1,1-DICHLOROETHANE	10.0	U	UG/L
SW10-01	WATER	VOA	1,2-DICHLOROETHANE	10.0	U	UG/L

Notes:
TR08-01 is a blind duplicate sample of TR02-05 (2-4').
TR08-02 is a blind duplicate sample of TR02-03.
J = Less than reporting limit (RL) but greater than MDL, or estimated result
JB = The value was reported as an estimated quantity and detected in the assoc. blank
U = Not detected or less than method dection limit (MDL)
Y = The chromatograph response did not resemble a typical fuel pattern
Z = No fuel pattern (individual peaks only)

mg/L	Milligrams per liter
µg/kg	Micrograms per kilogram
µg/L	Micrograms per liter
AromV	Aromatic volatile analysis
PAH	Polynuclear aromatic hydrocarbon
SVOC	Semivolatile organic compound
TPHEXT	Total petroleum hydrocarbon-extractable
TPHPRG	Total petroleum hydrocarbon-purgeable
VOC	Volatile organic compound

TABLE D-4
NFD POINT MOLATE
PHASE I CHARACTERIZATION OF USTs AND FUEL PIPELINES
INTERIM SUMMARY MEMORANDUM
GROUNDWATER ANALYTICAL RESULTS FOR USTs AND DRAINAGE AREA WELLS

SAMPLE ID	SAMPLE MEDIA	ANALYTE GROUP	ANALYTE	CONCENTRATION	QUALIFER	UNITS
MW01-01	WATER	AROMV	BENZENE	0.5	U	UG/L
MW01-01	WATER	AROMV	ETHYLBENZENE	0.5	U	UG/L
MW01-01	WATER	AROMV	TOLUENE	0.5	U	UG/L
MW01-01	WATER	AROMV	XYLENE (TOTAL)	2		UG/L
MW01-01	WATER	PAH	1-METHYLNAPHTHALENE	1	U	UG/L
MW01-01	WATER	PAH	2-METHYLNAPHTHALENE	1	U	UG/L
MW01-01	WATER	PAH	ACENAPHTHENE	5	U	UG/L
MW01-01	WATER	PAH	ACENAPHTHYLENE	2	U	UG/L
MW01-01	WATER	PAH	ANTHRACENE	0.2	U	UG/L
MW01-01	WATER	PAH	BENZO(A)ANTHRACENE	0.2	U	UG/L
MW01-01	WATER	PAH	BENZO(A)PYRENE	0.2	U	UG/L
MW01-01	WATER	PAH	BENZO(B)FLUORANTHENE	0.2	U	UG/L
MW01-01	WATER	PAH	BENZO(G,H,I)PERYLENE	0.2	U	UG/L
MW01-01	WATER	PAH	BENZO(K)FLUORANTHENE	0.2	U	UG/L
MW01-01	WATER	PAH	CHRYSENE	0.2	U	UG/L
MW01-01	WATER	PAH	DIBENZO(A,H)ANTHRACENE	0.5	U	UG/L
MW01-01	WATER	PAH	FLUORANTHENE	0.2	U	UG/L
MW01-01	WATER	PAH	FLUORENE	1	U	UG/L
MW01-01	WATER	PAH	INDENO(1,2,3-CD)PYRENE	0.2	U	UG/L
MW01-01	WATER	PAH	NAPHTHALENE	5	U	UG/L
MW01-01	WATER	PAH	PHENANTHRENE	1	U	UG/L
MW01-01	WATER	PAH	PYRENE	0.2	U	UG/L
MW01-01	WATER	TPHEXT	DIESEL RANGE ORGANICS	0.1	U	MG/L
MW01-01	WATER	TPHEXT	JP5 RANGE ORGANICS	0.1	U	MG/L
MW01-01	WATER	TPHEXT	MOTOR OIL RANGE ORGANICS	0.1	U	MG/L
MW01-01	WATER	TPHEXT	TPH - BUNKER FUEL (C10-C28)	0.1	U	MG/L
MW01-01	WATER	TPHEXT	TPH - DIESEL F-76 (C8-C28)	0.1	U	MG/L
MW01-01	WATER	TPHPRG	GASOLINE RANGE ORGANICS	0.05	U	MG/L
MW01-02	WATER	AROMV	BENZENE	0.5	U	UG/L
MW01-02	WATER	AROMV	ETHYLBENZENE	0.5	U	UG/L
MW01-02	WATER	AROMV	TOLUENE	0.5	U	UG/L
MW01-02	WATER	AROMV	XYLENE (TOTAL)	1	U	UG/L

TABLE D-4
NFD POINT MOLATE
PHASE I CHARACTERIZATION OF USTs AND FUEL PIPELINES
INTERIM SUMMARY MEMORANDUM
GROUNDWATER ANALYTICAL RESULTS FOR USTs AND DRAINAGE AREA WELLS

SAMPLE ID	SAMPLE MEDIA	ANALYTE GROUP	ANALYTE	CONCENTRATION	QUALIFER	UNITS
MW01-02	WATER	PAH	1-METHYLNAPHTHALENE	1	U	UG/L
MW01-02	WATER	PAH	2-METHYLNAPHTHALENE	1	U	UG/L
MW01-02	WATER	PAH	ACENAPHTHENE	5	U	UG/L
MW01-02	WATER	PAH	ACENAPHTHYLENE	2	U	UG/L
MW01-02	WATER	PAH	ANTHRACENE	0.2	U	UG/L
MW01-02	WATER	PAH	BENZO(A)ANTHRACENE	0.2	U	UG/L
MW01-02	WATER	PAH	BENZO(A)PYRENE	0.2	U	UG/L
MW01-02	WATER	PAH	BENZO(B)FLUORANTHENE	0.2	U	UG/L
MW01-02	WATER	PAH	BENZO(G,H,I)PERYLENE	0.2	U	UG/L
MW01-02	WATER	PAH	BENZO(K)FLUORANTHENE	0.2	U	UG/L
MW01-02	WATER	PAH	CHRYSENE	0.2	U	UG/L
MW01-02	WATER	PAH	DIBENZO(A,H)ANTHRACENE	0.5	U	UG/L
MW01-02	WATER	PAH	FLUORANTHENE	0.2	U	UG/L
MW01-02	WATER	PAH	FLUORENE	1	U	UG/L
MW01-02	WATER	PAH	INDENO(1,2,3-CD)PYRENE	0.2	U	UG/L
MW01-02	WATER	PAH	NAPHTHALENE	5	U	UG/L
MW01-02	WATER	PAH	PHENANTHRENE	1	U	UG/L
MW01-02	WATER	PAH	PYRENE	0.2	U	UG/L
MW01-02	WATER	TPHEXT	DIESEL RANGE ORGANICS	0.1	U	MG/L
MW01-02	WATER	TPHEXT	JP5 RANGE ORGANICS	0.1	U	MG/L
MW01-02	WATER	TPHEXT	MOTOR OIL RANGE ORGANICS	0.1	U	MG/L
MW01-02	WATER	TPHEXT	TPH - BUNKER FUEL (C10-C28)	0.1	U	MG/L
MW01-02	WATER	TPHEXT	TPH - DIESEL F-76 (C8-C28)	0.1	U	MG/L
MW01-02	WATER	TPHPRG	GASOLINE RANGE ORGANICS	0.05	U	MG/L
MW03-03	WATER	AROMV	BENZENE	0.5	U	UG/L
MW03-03	WATER	AROMV	ETHYLBENZENE	0.5	U	UG/L
MW03-03	WATER	AROMV	TOLUENE	0.5	U	UG/L
MW03-03	WATER	AROMV	XYLENE (TOTAL)	1.3		UG/L
MW03-03	WATER	PAH	1-METHYLNAPHTHALENE	12		UG/L
MW03-03	WATER	PAH	2-METHYLNAPHTHALENE	2	U	UG/L
MW03-03	WATER	PAH	ACENAPHTHENE	10	U	UG/L
MW03-03	WATER	PAH	ACENAPHTHYLENE	4	U	UG/L

TABLE D-4
NFD POINT MOLATE
PHASE I CHARACTERIZATION OF USTs AND FUEL PIPELINES
INTERIM SUMMARY MEMORANDUM
GROUNDWATER ANALYTICAL RESULTS FOR USTs AND DRAINAGE AREA WELLS

SAMPLE ID	SAMPLE MEDIA	ANALYTE GROUP	ANALYTE	CONCENTRATION	QUALIFER	UNITS
MW03-03	WATER	PAH	ANTHRACENE	0.4	U	UG/L
MW03-03	WATER	PAH	BENZO(A)ANTHRACENE	0.4	U	UG/L
MW03-03	WATER	PAH	BENZO(A)PYRENE	0.4	U	UG/L
MW03-03	WATER	PAH	BENZO(B)FLUORANTHENE	0.4	U	UG/L
MW03-03	WATER	PAH	BENZO(G,H,I)PERYLENE	0.4	U	UG/L
MW03-03	WATER	PAH	BENZO(K)FLUORANTHENE	0.4	U	UG/L
MW03-03	WATER	PAH	CHRYSENE	0.4	U	UG/L
MW03-03	WATER	PAH	DIBENZO(A,H)ANTHRACENE	1	U	UG/L
MW03-03	WATER	PAH	FLUORANTHENE	0.4	U	UG/L
MW03-03	WATER	PAH	FLUORENE	2		UG/L
MW03-03	WATER	PAH	INDENO(1,2,3-CD)PYRENE	0.4	U	UG/L
MW03-03	WATER	PAH	NAPHTHALENE	10	U	UG/L
MW03-03	WATER	PAH	PHENANTHRENE	2	U	UG/L
MW03-03	WATER	PAH	PYRENE	0.4	U	UG/L
MW03-03	WATER	SVOA	1,2,4-TRICHLOROBENZENE	2	U	UG/L
MW03-03	WATER	SVOA	1,2-DICHLOROBENZENE	2	U	UG/L
MW03-03	WATER	SVOA	1,3-DICHLOROBENZENE	2	U	UG/L
MW03-03	WATER	SVOA	1,4-DICHLOROBENZENE	2	U	UG/L
MW03-03	WATER	SVOA	2,2'-OXYBIS(1-CHLOROPROPANE)	2	U	UG/L
MW03-03	WATER	SVOA	2,4,5-TRICHLOROPHENOL	5	U	UG/L
MW03-03	WATER	SVOA	2,4,6-TRICHLOROPHENOL	2	U	UG/L
MW03-03	WATER	SVOA	2,4-DICHLOROPHENOL	2	U	UG/L
MW03-03	WATER	SVOA	2,4-DIMETHYLPHENOL	2	U	UG/L
MW03-03	WATER	SVOA	2,4-DINITROPHENOL	5	U	UG/L
MW03-03	WATER	SVOA	2,4-DINITROTOLUENE	2	U	UG/L
MW03-03	WATER	SVOA	2,6-DINITROTOLUENE	2	U	UG/L
MW03-03	WATER	SVOA	2-CHLORONAPHTHALENE	2	U	UG/L
MW03-03	WATER	SVOA	2-CHLOROPHENOL	2	U	UG/L
MW03-03	WATER	SVOA	2-METHYLNAPHTHALENE	9		UG/L
MW03-03	WATER	SVOA	2-METHYLPHENOL	2	U	UG/L
MW03-03	WATER	SVOA	2-NITROANILINE	5	U	UG/L
MW03-03	WATER	SVOA	2-NITROPHENOL	2	U	UG/L

TABLE D-4
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GROUNDWATER ANALYTICAL RESULTS FOR USTs AND DRAINAGE AREA WELLS

SAMPLE ID	SAMPLE MEDIA	ANALYTE GROUP	ANALYTE	CONCENTRATION	QUALIFER	UNITS
MW03-03	WATER	SVOA	3,3'-DICHLOROBENZIDINE	2	U	UG/L
MW03-03	WATER	SVOA	3-NITROANILINE	5	U	UG/L
MW03-03	WATER	SVOA	4,6-DINITRO-2-METHYLPHENOL	5	U	UG/L
MW03-03	WATER	SVOA	4-BROMOPHENYL-PHENYLETHER	2	U	UG/L
MW03-03	WATER	SVOA	4-CHLORO-3-METHYLPHENOL	2	U	UG/L
MW03-03	WATER	SVOA	4-CHLOROANILINE	2	U	UG/L
MW03-03	WATER	SVOA	4-CHLOROPHENYL-PHENYLETHER	2	U	UG/L
MW03-03	WATER	SVOA	4-METHYLPHENOL	2	U	UG/L
MW03-03	WATER	SVOA	4-NITROANILINE	5	U	UG/L
MW03-03	WATER	SVOA	4-NITROPHENOL	5	U	UG/L
MW03-03	WATER	SVOA	ACENAPHTHENE	1	J	UG/L
MW03-03	WATER	SVOA	ACENAPHTHYLENE	2	U	UG/L
MW03-03	WATER	SVOA	ANTHRACENE	2	U	UG/L
MW03-03	WATER	SVOA	BENZO(A)ANTHRACENE	2	U	UG/L
MW03-03	WATER	SVOA	BENZO(A)PYRENE	2	U	UG/L
MW03-03	WATER	SVOA	BENZO(B)FLUORANTHENE	2	U	UG/L
MW03-03	WATER	SVOA	BENZO(G,H,I)PERYLENE	2	U	UG/L
MW03-03	WATER	SVOA	BENZO(K)FLUORANTHENE	2	U	UG/L
MW03-03	WATER	SVOA	BIS(2-CHLOROETHOXY)METHANE	2	U	UG/L
MW03-03	WATER	SVOA	BIS(2-CHLOROETHYL)ETHER	2	U	UG/L
MW03-03	WATER	SVOA	BIS(2-ETHYLHEXYL)PHTHALATE	24		UG/L
MW03-03	WATER	SVOA	BUTYLBENZYLPHTHALATE	3		UG/L
MW03-03	WATER	SVOA	CARBAZOLE	2	U	UG/L
MW03-03	WATER	SVOA	CHRYSENE	2	U	UG/L
MW03-03	WATER	SVOA	DI-N-BUTYLPHTHALATE	12		UG/L
MW03-03	WATER	SVOA	DI-N-OCTYLPHTHALATE	2	U	UG/L
MW03-03	WATER	SVOA	DIBENZO(A,H)ANTHRACENE	2	U	UG/L
MW03-03	WATER	SVOA	DIBENZOFURAN	2	J	UG/L
MW03-03	WATER	SVOA	DIETHYLPHTHALATE	21		UG/L
MW03-03	WATER	SVOA	DIMETHYLPHTHALATE	2	U	UG/L
MW03-03	WATER	SVOA	FLUORANTHENE	2	U	UG/L
MW03-03	WATER	SVOA	FLUORENE	3		UG/L

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GROUNDWATER ANALYTICAL RESULTS FOR USTs AND DRAINAGE AREA WELLS

SAMPLE ID	SAMPLE MEDIA	ANALYTE GROUP	ANALYTE	CONCENTRATION	QUALIFER	UNITS
MW03-03	WATER	SVOA	HEXACHLOROBENZENE	2	U	UG/L
MW03-03	WATER	SVOA	HEXACHLOROBUTADIENE	2	U	UG/L
MW03-03	WATER	SVOA	HEXACHLOROCYCLOPENTADIENE	2	U	UG/L
MW03-03	WATER	SVOA	HEXACHLOROETHANE	2	U	UG/L
MW03-03	WATER	SVOA	INDENO(1,2,3-CD)PYRENE	2	U	UG/L
MW03-03	WATER	SVOA	ISOPHORONE	2	U	UG/L
MW03-03	WATER	SVOA	N-NITROSO-DI-N-PROPYLAMINE	2	U	UG/L
MW03-03	WATER	SVOA	N-NITROSODIPHENYLAMINE (1)	2	U	UG/L
MW03-03	WATER	SVOA	NAPHTHALENE	2	U	UG/L
MW03-03	WATER	SVOA	NITROBENZENE	2	U	UG/L
MW03-03	WATER	SVOA	PENTACHLOROPHENOL	5	U	UG/L
MW03-03	WATER	SVOA	PHENANTHRENE	2	U	UG/L
MW03-03	WATER	SVOA	PHENOL	2	U	UG/L
MW03-03	WATER	SVOA	PYRENE	2	U	UG/L
MW03-03	WATER	TPHEXT	DIESEL RANGE ORGANICS	1.6	Y	MG/L
MW03-03	WATER	TPHEXT	JP5 RANGE ORGANICS	0.1	U	MG/L
MW03-03	WATER	TPHEXT	MOTOR OIL RANGE ORGANICS	0.1	U	MG/L
MW03-03	WATER	TPHEXT	TPH - BUNKER FUEL (C10-C28)	0.1	U	MG/L
MW03-03	WATER	TPHEXT	TPH - DIESEL F-76 (C8-C28)	0.1	U	MG/L
MW03-03	WATER	TPHPRG	GASOLINE RANGE ORGANICS	0.14	Z	MG/L
MW04-03	WATER	AROMV	BENZENE	0.5	U	UG/L
MW04-03	WATER	AROMV	ETHYLBENZENE	1		UG/L
MW04-03	WATER	AROMV	TOLUENE	3.1		UG/L
MW04-03	WATER	AROMV	XYLENE (TOTAL)	2		UG/L
MW04-03	WATER	PAH	1-METHYLNAPHTHALENE	2.1		UG/L
MW04-03	WATER	PAH	2-METHYLNAPHTHALENE	1	U	UG/L
MW04-03	WATER	PAH	ACENAPHTHENE	5	U	UG/L
MW04-03	WATER	PAH	ACENAPHTHYLENE	2	U	UG/L
MW04-03	WATER	PAH	ANTHRACENE	0.2	U	UG/L
MW04-03	WATER	PAH	BENZO(A)ANTHRACENE	0.2	U	UG/L
MW04-03	WATER	PAH	BENZO(A)PYRENE	0.2	U	UG/L
MW04-03	WATER	PAH	BENZO(B)FLUORANTHENE	0.2	U	UG/L

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GROUNDWATER ANALYTICAL RESULTS FOR USTs AND DRAINAGE AREA WELLS

SAMPLE ID	SAMPLE MEDIA	ANALYTE GROUP	ANALYTE	CONCENTRATION	QUALIFER	UNITS
MW04-03	WATER	PAH	BENZO(G,H,I)PERYLENE	0.2	U	UG/L
MW04-03	WATER	PAH	BENZO(K)FLUORANTHENE	0.2	U	UG/L
MW04-03	WATER	PAH	CHRYSENE	0.2	U	UG/L
MW04-03	WATER	PAH	DIBENZO(A,H)ANTHRACENE	0.5	U	UG/L
MW04-03	WATER	PAH	FLUORANTHENE	0.2	U	UG/L
MW04-03	WATER	PAH	FLUORENE	1	U	UG/L
MW04-03	WATER	PAH	INDENO(1,2,3-CD)PYRENE	0.2	U	UG/L
MW04-03	WATER	PAH	NAPHTHALENE	5	U	UG/L
MW04-03	WATER	PAH	PHENANTHRENE	1	U	UG/L
MW04-03	WATER	PAH	PYRENE	0.2	U	UG/L
MW04-03	WATER	TPHEXT	DIESEL RANGE ORGANICS	1.2	Y	MG/L
MW04-03	WATER	TPHEXT	JP5 RANGE ORGANICS	0.1	U	MG/L
MW04-03	WATER	TPHEXT	MOTOR OIL RANGE ORGANICS	0.1	U	MG/L
MW04-03	WATER	TPHEXT	TPH - BUNKER FUEL (C10-C28)	0.1	U	MG/L
MW04-03	WATER	TPHEXT	TPH - DIESEL F-76 (C8-C28)	0.1	U	MG/L
MW04-03	WATER	TPHPRG	GASOLINE RANGE ORGANICS	0.42	Y	MG/L
MW04-04	WATER	AROMV	BENZENE	0.5	U	UG/L
MW04-04	WATER	AROMV	ETHYLBENZENE	0.5	U	UG/L
MW04-04	WATER	AROMV	TOLUENE	0.5	U	UG/L
MW04-04	WATER	AROMV	XYLENE (TOTAL)	1	U	UG/L
MW04-04	WATER	PAH	1-METHYLNAPHTHALENE	1	U	UG/L
MW04-04	WATER	PAH	2-METHYLNAPHTHALENE	1	U	UG/L
MW04-04	WATER	PAH	ACENAPHTHENE	5	U	UG/L
MW04-04	WATER	PAH	ACENAPHTHYLENE	2	U	UG/L
MW04-04	WATER	PAH	ANTHRACENE	0.2	U	UG/L
MW04-04	WATER	PAH	BENZO(A)ANTHRACENE	0.2	U	UG/L
MW04-04	WATER	PAH	BENZO(A)PYRENE	0.2	U	UG/L
MW04-04	WATER	PAH	BENZO(B)FLUORANTHENE	0.2	U	UG/L
MW04-04	WATER	PAH	BENZO(G,H,I)PERYLENE	0.2	U	UG/L
MW04-04	WATER	PAH	BENZO(K)FLUORANTHENE	0.2	U	UG/L
MW04-04	WATER	PAH	CHRYSENE	0.2	U	UG/L
MW04-04	WATER	PAH	DIBENZO(A,H)ANTHRACENE	0.5	U	UG/L

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GROUNDWATER ANALYTICAL RESULTS FOR USTs AND DRAINAGE AREA WELLS

SAMPLE ID	SAMPLE MEDIA	ANALYTE GROUP	ANALYTE	CONCENTRATION	QUALIFER	UNITS
MW04-04	WATER	PAH	FLUORANTHENE	0.2	U	UG/L
MW04-04	WATER	PAH	FLUORENE	1	U	UG/L
MW04-04	WATER	PAH	INDENO(1,2,3-CD)PYRENE	0.2	U	UG/L
MW04-04	WATER	PAH	NAPHTHALENE	5	U	UG/L
MW04-04	WATER	PAH	PHENANTHRENE	1	U	UG/L
MW04-04	WATER	PAH	PYRENE	0.2	U	UG/L
MW04-04	WATER	TPHEXT	DIESEL RANGE ORGANICS	0.1	Y	MG/L
MW04-04	WATER	TPHEXT	JP5 RANGE ORGANICS	0.1	U	MG/L
MW04-04	WATER	TPHEXT	MOTOR OIL RANGE ORGANICS	0.1	U	MG/L
MW04-04	WATER	TPHEXT	TPH - BUNKER FUEL (C10-C28)	0.1	U	MG/L
MW04-04	WATER	TPHEXT	TPH - DIESEL F-76 (C8-C28)	0.1	U	MG/L
MW04-04	WATER	TPHPRG	GASOLINE RANGE ORGANICS	0.05	U	MG/L
MW07-01	WATER	AROMV	BENZENE	0.5	U	UG/L
MW07-01	WATER	AROMV	ETHYLBENZENE	0.5	U	UG/L
MW07-01	WATER	AROMV	TOLUENE	1.6		UG/L
MW07-01	WATER	AROMV	XYLENE (TOTAL)	1		UG/L
MW07-01	WATER	PAH	1-METHYLNAPHTHALENE	1	U	UG/L
MW07-01	WATER	PAH	2-METHYLNAPHTHALENE	1	U	UG/L
MW07-01	WATER	PAH	ACENAPHTHENE	5	U	UG/L
MW07-01	WATER	PAH	ACENAPHTHYLENE	2	U	UG/L
MW07-01	WATER	PAH	ANTHRACENE	0.2	U	UG/L
MW07-01	WATER	PAH	BENZO(A)ANTHRACENE	0.2	U	UG/L
MW07-01	WATER	PAH	BENZO(A)PYRENE	0.2	U	UG/L
MW07-01	WATER	PAH	BENZO(B)FLUORANTHENE	0.2	U	UG/L
MW07-01	WATER	PAH	BENZO(G,H,I)PERYLENE	0.2	U	UG/L
MW07-01	WATER	PAH	BENZO(K)FLUORANTHENE	0.2	U	UG/L
MW07-01	WATER	PAH	CHRYSENE	0.2	U	UG/L
MW07-01	WATER	PAH	DIBENZO(A,H)ANTHRACENE	0.5	U	UG/L
MW07-01	WATER	PAH	FLUORANTHENE	0.2	U	UG/L
MW07-01	WATER	PAH	FLUORENE	1	U	UG/L
MW07-01	WATER	PAH	INDENO(1,2,3-CD)PYRENE	0.2	U	UG/L
MW07-01	WATER	PAH	NAPHTHALENE	5	U	UG/L

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GROUNDWATER ANALYTICAL RESULTS FOR USTs AND DRAINAGE AREA WELLS

SAMPLE ID	SAMPLE MEDIA	ANALYTE GROUP	ANALYTE	CONCENTRATION	QUALIFER	UNITS
MW07-01	WATER	PAH	PHENANTHRENE	1	U	UG/L
MW07-01	WATER	PAH	PYRENE	0.2	U	UG/L
MW07-01	WATER	TPHEXT	DIESEL RANGE ORGANICS	0.1	U	MG/L
MW07-01	WATER	TPHEXT	JP5 RANGE ORGANICS	0.47	Y	MG/L
MW07-01	WATER	TPHEXT	MOTOR OIL RANGE ORGANICS	0.1	U	MG/L
MW07-01	WATER	TPHEXT	TPH - BUNKER FUEL (C10-C28)	0.1	U	MG/L
MW07-01	WATER	TPHEXT	TPH - DIESEL F-76 (C8-C28)	0.1	U	MG/L
MW07-01	WATER	TPHPRG	GASOLINE RANGE ORGANICS	0.32	Y	MG/L
MWT02-02	WATER	AROMV	BENZENE	0.5	U	UG/L
MWT02-02	WATER	AROMV	BENZENE	0.5	U	UG/L
MWT02-02	WATER	AROMV	ETHYLBENZENE	14.3		UG/L
MWT02-02	WATER	AROMV	ETHYLBENZENE	14.3		UG/L
MWT02-02	WATER	AROMV	TOLUENE	32.6		UG/L
MWT02-02	WATER	AROMV	TOLUENE	32.6		UG/L
MWT02-02	WATER	AROMV	XYLENE (TOTAL)	13		UG/L
MWT02-02	WATER	AROMV	XYLENE (TOTAL)	13		UG/L
MWT02-02	WATER	PAH	1-METHYLNAPHTHALENE	224		UG/L
MWT02-02	WATER	PAH	1-METHYLNAPHTHALENE	224		UG/L
MWT02-02	WATER	PAH	2-METHYLNAPHTHALENE	22		UG/L
MWT02-02	WATER	PAH	2-METHYLNAPHTHALENE	22		UG/L
MWT02-02	WATER	PAH	ACENAPHTHENE	50	U	UG/L
MWT02-02	WATER	PAH	ACENAPHTHENE	50	U	UG/L
MWT02-02	WATER	PAH	ACENAPHTHYLENE	20	U	UG/L
MWT02-02	WATER	PAH	ACENAPHTHYLENE	20	U	UG/L
MWT02-02	WATER	PAH	ANTHRACENE	14		UG/L
MWT02-02	WATER	PAH	ANTHRACENE	14		UG/L
MWT02-02	WATER	PAH	BENZO(A)ANTHRACENE	42		UG/L
MWT02-02	WATER	PAH	BENZO(A)ANTHRACENE	42		UG/L
MWT02-02	WATER	PAH	BENZO(A)PYRENE	2	U	UG/L
MWT02-02	WATER	PAH	BENZO(A)PYRENE	2	U	UG/L
MWT02-02	WATER	PAH	BENZO(B)FLUORANTHENE	2	U	UG/L
MWT02-02	WATER	PAH	BENZO(B)FLUORANTHENE	2	U	UG/L

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INTERIM SUMMARY MEMORANDUM
GROUNDWATER ANALYTICAL RESULTS FOR USTs AND DRAINAGE AREA WELLS

SAMPLE ID	SAMPLE MEDIA	ANALYTE GROUP	ANALYTE	CONCENTRATION	QUALIFER	UNITS
MWT02-02	WATER	PAH	BENZO(G,H,I)PERYLENE	2	U	UG/L
MWT02-02	WATER	PAH	BENZO(G,H,I)PERYLENE	2	U	UG/L
MWT02-02	WATER	PAH	BENZO(K)FLUORANTHENE	2	U	UG/L
MWT02-02	WATER	PAH	BENZO(K)FLUORANTHENE	2	U	UG/L
MWT02-02	WATER	PAH	CHRYSENE	2	U	UG/L
MWT02-02	WATER	PAH	CHRYSENE	2	U	UG/L
MWT02-02	WATER	PAH	DIBENZO(A,H)ANTHRACENE	5	U	UG/L
MWT02-02	WATER	PAH	DIBENZO(A,H)ANTHRACENE	5	U	UG/L
MWT02-02	WATER	PAH	FLUORANTHENE	71		UG/L
MWT02-02	WATER	PAH	FLUORANTHENE	71		UG/L
MWT02-02	WATER	PAH	FLUORENE	25		UG/L
MWT02-02	WATER	PAH	FLUORENE	25		UG/L
MWT02-02	WATER	PAH	INDENO(1,2,3-CD)PYRENE	2	U	UG/L
MWT02-02	WATER	PAH	INDENO(1,2,3-CD)PYRENE	2	U	UG/L
MWT02-02	WATER	PAH	NAPHTHALENE	50	U	UG/L
MWT02-02	WATER	PAH	NAPHTHALENE	50	U	UG/L
MWT02-02	WATER	PAH	PHENANTHRENE	32		UG/L
MWT02-02	WATER	PAH	PHENANTHRENE	32		UG/L
MWT02-02	WATER	PAH	PYRENE	30		UG/L
MWT02-02	WATER	PAH	PYRENE	30		UG/L
MWT02-02	WATER	TPHEXT	DIESEL RANGE ORGANICS	10	U	MG/L
MWT02-02	WATER	TPHEXT	DIESEL RANGE ORGANICS	10	U	MG/L
MWT02-02	WATER	TPHEXT	JP5 RANGE ORGANICS	323		MG/L
MWT02-02	WATER	TPHEXT	JP5 RANGE ORGANICS	323		MG/L
MWT02-02	WATER	TPHEXT	MOTOR OIL RANGE ORGANICS	10	U	MG/L
MWT02-02	WATER	TPHEXT	MOTOR OIL RANGE ORGANICS	10	U	MG/L
MWT02-02	WATER	TPHEXT	TPH - BUNKER FUEL (C10-C28)	10	U	MG/L
MWT02-02	WATER	TPHEXT	TPH - BUNKER FUEL (C10-C28)	10	U	MG/L
MWT02-02	WATER	TPHEXT	TPH - DIESEL F-76 (C8-C28)	10	U	MG/L
MWT02-02	WATER	TPHEXT	TPH - DIESEL F-76 (C8-C28)	10	U	MG/L
MWT02-02	WATER	TPHPRG	GASOLINE RANGE ORGANICS	1.41	Z	MG/L
MWT02-02	WATER	TPHPRG	GASOLINE RANGE ORGANICS	1.41	Z	MG/L

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GROUNDWATER ANALYTICAL RESULTS FOR USTs AND DRAINAGE AREA WELLS

SAMPLE ID	SAMPLE MEDIA	ANALYTE GROUP	ANALYTE	CONCENTRATION	QUALIFER	UNITS
MWT02-03	WATER	AROMV	BENZENE	0.5	U	UG/L
MWT02-03	WATER	AROMV	BENZENE	0.5	U	UG/L
MWT02-03	WATER	AROMV	ETHYLBENZENE	0.5	U	UG/L
MWT02-03	WATER	AROMV	ETHYLBENZENE	0.5	U	UG/L
MWT02-03	WATER	AROMV	TOLUENE	0.5	U	UG/L
MWT02-03	WATER	AROMV	TOLUENE	0.5	U	UG/L
MWT02-03	WATER	AROMV	XYLENE (TOTAL)	1	U	UG/L
MWT02-03	WATER	AROMV	XYLENE (TOTAL)	1	U	UG/L
MWT02-03	WATER	PAH	1-METHYLNAPHTHALENE	10	U	UG/L
MWT02-03	WATER	PAH	1-METHYLNAPHTHALENE	10	U	UG/L
MWT02-03	WATER	PAH	2-METHYLNAPHTHALENE	10	U	UG/L
MWT02-03	WATER	PAH	2-METHYLNAPHTHALENE	10	U	UG/L
MWT02-03	WATER	PAH	ACENAPHTHENE	50	U	UG/L
MWT02-03	WATER	PAH	ACENAPHTHENE	50	U	UG/L
MWT02-03	WATER	PAH	ACENAPHTHYLENE	20	U	UG/L
MWT02-03	WATER	PAH	ACENAPHTHYLENE	20	U	UG/L
MWT02-03	WATER	PAH	ANTHRACENE	2	U	UG/L
MWT02-03	WATER	PAH	ANTHRACENE	2	U	UG/L
MWT02-03	WATER	PAH	BENZO(A)ANTHRACENE	12		UG/L
MWT02-03	WATER	PAH	BENZO(A)ANTHRACENE	12		UG/L
MWT02-03	WATER	PAH	BENZO(A)PYRENE	2	U	UG/L
MWT02-03	WATER	PAH	BENZO(A)PYRENE	2	U	UG/L
MWT02-03	WATER	PAH	BENZO(B)FLUORANTHENE	2	U	UG/L
MWT02-03	WATER	PAH	BENZO(B)FLUORANTHENE	2	U	UG/L
MWT02-03	WATER	PAH	BENZO(G,H,I)PERYLENE	2	U	UG/L
MWT02-03	WATER	PAH	BENZO(G,H,I)PERYLENE	2	U	UG/L
MWT02-03	WATER	PAH	BENZO(K)FLUORANTHENE	2	U	UG/L
MWT02-03	WATER	PAH	BENZO(K)FLUORANTHENE	2	U	UG/L
MWT02-03	WATER	PAH	CHRYSENE	2	U	UG/L
MWT02-03	WATER	PAH	CHRYSENE	2	U	UG/L
MWT02-03	WATER	PAH	DIBENZO(A,H)ANTHRACENE	5	U	UG/L
MWT02-03	WATER	PAH	DIBENZO(A,H)ANTHRACENE	5	U	UG/L

TABLE D-4
NFD POINT MOLATE
PHASE I CHARACTERIZATION OF USTs AND FUEL PIPELINES
INTERIM SUMMARY MEMORANDUM
GROUNDWATER ANALYTICAL RESULTS FOR USTs AND DRAINAGE AREA WELLS

SAMPLE ID	SAMPLE MEDIA	ANALYTE GROUP	ANALYTE	CONCENTRATION	QUALIFER	UNITS
MWT02-03	WATER	PAH	FLUORANTHENE	10		UG/L
MWT02-03	WATER	PAH	FLUORANTHENE	10		UG/L
MWT02-03	WATER	PAH	FLUORENE	6	J	UG/L
MWT02-03	WATER	PAH	FLUORENE	6	J	UG/L
MWT02-03	WATER	PAH	INDENO(1,2,3-CD)PYRENE	2	U	UG/L
MWT02-03	WATER	PAH	INDENO(1,2,3-CD)PYRENE	2	U	UG/L
MWT02-03	WATER	PAH	NAPHTHALENE	50	U	UG/L
MWT02-03	WATER	PAH	NAPHTHALENE	50	U	UG/L
MWT02-03	WATER	PAH	PHENANTHRENE	7	J	UG/L
MWT02-03	WATER	PAH	PHENANTHRENE	7	J	UG/L
MWT02-03	WATER	PAH	PYRENE	5.4		UG/L
MWT02-03	WATER	PAH	PYRENE	5.4		UG/L
MWT02-03	WATER	TPHEXT	DIESEL RANGE ORGANICS	27.2	Y	MG/L
MWT02-03	WATER	TPHEXT	DIESEL RANGE ORGANICS	27.2	Y	MG/L
MWT02-03	WATER	TPHEXT	JP5 RANGE ORGANICS	0.5	U	MG/L
MWT02-03	WATER	TPHEXT	JP5 RANGE ORGANICS	0.5	U	MG/L
MWT02-03	WATER	TPHEXT	MOTOR OIL RANGE ORGANICS	0.5	U	MG/L
MWT02-03	WATER	TPHEXT	MOTOR OIL RANGE ORGANICS	0.5	U	MG/L
MWT02-03	WATER	TPHEXT	TPH - BUNKER FUEL (C10-C28)	0.5	U	MG/L
MWT02-03	WATER	TPHEXT	TPH - BUNKER FUEL (C10-C28)	0.5	U	MG/L
MWT02-03	WATER	TPHEXT	TPH - DIESEL F-76 (C8-C28)	0.5	U	MG/L
MWT02-03	WATER	TPHEXT	TPH - DIESEL F-76 (C8-C28)	0.5	U	MG/L
MWT02-03	WATER	TPHPRG	GASOLINE RANGE ORGANICS	0.09	Z	MG/L
MWT02-03	WATER	TPHPRG	GASOLINE RANGE ORGANICS	0.09	Z	MG/L
MWT03-01	WATER	AROMV	BENZENE	0.5	U	UG/L
MWT03-01	WATER	AROMV	BENZENE	0.5	U	UG/L
MWT03-01	WATER	AROMV	ETHYLBENZENE	2.4		UG/L
MWT03-01	WATER	AROMV	ETHYLBENZENE	2.4		UG/L
MWT03-01	WATER	AROMV	TOLUENE	10.3		UG/L
MWT03-01	WATER	AROMV	TOLUENE	10.3		UG/L
MWT03-01	WATER	AROMV	XYLENE (TOTAL)	1.7		UG/L
MWT03-01	WATER	AROMV	XYLENE (TOTAL)	1.7		UG/L

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GROUNDWATER ANALYTICAL RESULTS FOR USTs AND DRAINAGE AREA WELLS

SAMPLE ID	SAMPLE MEDIA	ANALYTE GROUP	ANALYTE	CONCENTRATION	QUALIFER	UNITS
MWT03-01	WATER	PAH	1-METHYLNAPHTHALENE	48		UG/L
MWT03-01	WATER	PAH	1-METHYLNAPHTHALENE	48		UG/L
MWT03-01	WATER	PAH	2-METHYLNAPHTHALENE	12		UG/L
MWT03-01	WATER	PAH	2-METHYLNAPHTHALENE	12		UG/L
MWT03-01	WATER	PAH	ACENAPHTHENE	5	U	UG/L
MWT03-01	WATER	PAH	ACENAPHTHENE	5	U	UG/L
MWT03-01	WATER	PAH	ACENAPHTHYLENE	2	U	UG/L
MWT03-01	WATER	PAH	ACENAPHTHYLENE	2	U	UG/L
MWT03-01	WATER	PAH	ANTHRACENE	0.2	U	UG/L
MWT03-01	WATER	PAH	ANTHRACENE	0.2	U	UG/L
MWT03-01	WATER	PAH	BENZO(A)ANTHRACENE	0.3		UG/L
MWT03-01	WATER	PAH	BENZO(A)ANTHRACENE	0.3		UG/L
MWT03-01	WATER	PAH	BENZO(A)PYRENE	0.2	U	UG/L
MWT03-01	WATER	PAH	BENZO(A)PYRENE	0.2	U	UG/L
MWT03-01	WATER	PAH	BENZO(B)FLUORANTHENE	0.2	U	UG/L
MWT03-01	WATER	PAH	BENZO(B)FLUORANTHENE	0.2	U	UG/L
MWT03-01	WATER	PAH	BENZO(G,H,I)PERYLENE	0.2	U	UG/L
MWT03-01	WATER	PAH	BENZO(G,H,I)PERYLENE	0.2	U	UG/L
MWT03-01	WATER	PAH	BENZO(K)FLUORANTHENE	0.2	U	UG/L
MWT03-01	WATER	PAH	BENZO(K)FLUORANTHENE	0.2	U	UG/L
MWT03-01	WATER	PAH	CHRYSENE	0.2	U	UG/L
MWT03-01	WATER	PAH	CHRYSENE	0.2	U	UG/L
MWT03-01	WATER	PAH	DIBENZO(A,H)ANTHRACENE	0.5	U	UG/L
MWT03-01	WATER	PAH	DIBENZO(A,H)ANTHRACENE	0.5	U	UG/L
MWT03-01	WATER	PAH	FLUORANTHENE	0.68		UG/L
MWT03-01	WATER	PAH	FLUORANTHENE	0.68		UG/L
MWT03-01	WATER	PAH	FLUORENE	1		UG/L
MWT03-01	WATER	PAH	FLUORENE	1		UG/L
MWT03-01	WATER	PAH	INDENO(1,2,3-CD)PYRENE	0.2	U	UG/L
MWT03-01	WATER	PAH	INDENO(1,2,3-CD)PYRENE	0.2	U	UG/L
MWT03-01	WATER	PAH	NAPHTHALENE	5	U	UG/L
MWT03-01	WATER	PAH	NAPHTHALENE	5	U	UG/L

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GROUNDWATER ANALYTICAL RESULTS FOR USTs AND DRAINAGE AREA WELLS

SAMPLE ID	SAMPLE MEDIA	ANALYTE GROUP	ANALYTE	CONCENTRATION	QUALIFER	UNITS
MWT03-01	WATER	PAH	PHENANTHRENE	0.9	J	UG/L
MWT03-01	WATER	PAH	PHENANTHRENE	0.9	J	UG/L
MWT03-01	WATER	PAH	PYRENE	0.41		UG/L
MWT03-01	WATER	PAH	PYRENE	0.41		UG/L
MWT03-01	WATER	TPHEXT	DIESEL RANGE ORGANICS	1	U	MG/L
MWT03-01	WATER	TPHEXT	DIESEL RANGE ORGANICS	1	U	MG/L
MWT03-01	WATER	TPHEXT	JP5 RANGE ORGANICS	13	Y	MG/L
MWT03-01	WATER	TPHEXT	JP5 RANGE ORGANICS	13	Y	MG/L
MWT03-01	WATER	TPHEXT	MOTOR OIL RANGE ORGANICS	1.2	U	MG/L
MWT03-01	WATER	TPHEXT	MOTOR OIL RANGE ORGANICS	1.2	U	MG/L
MWT03-01	WATER	TPHEXT	TPH - BUNKER FUEL (C10-C28)	1	U	MG/L
MWT03-01	WATER	TPHEXT	TPH - BUNKER FUEL (C10-C28)	1	U	MG/L
MWT03-01	WATER	TPHEXT	TPH - DIESEL F-76 (C8-C28)	1	U	MG/L
MWT03-01	WATER	TPHEXT	TPH - DIESEL F-76 (C8-C28)	1	U	MG/L
MWT03-01	WATER	TPHPRG	GASOLINE RANGE ORGANICS	2.58	Z	MG/L
MWT03-01	WATER	TPHPRG	GASOLINE RANGE ORGANICS	2.58	Z	MG/L
MWT03-02	WATER	AROMV	BENZENE	0.5	U	UG/L
MWT03-02	WATER	AROMV	BENZENE	0.5	U	UG/L
MWT03-02	WATER	AROMV	ETHYLBENZENE	1.9		UG/L
MWT03-02	WATER	AROMV	ETHYLBENZENE	1.9		UG/L
MWT03-02	WATER	AROMV	TOLUENE	1.7		UG/L
MWT03-02	WATER	AROMV	TOLUENE	1.7		UG/L
MWT03-02	WATER	AROMV	XYLENE (TOTAL)	7.8		UG/L
MWT03-02	WATER	AROMV	XYLENE (TOTAL)	7.8		UG/L
MWT03-02	WATER	PAH	1-METHYLNAPHTHALENE	2400		UG/L
MWT03-02	WATER	PAH	1-METHYLNAPHTHALENE	2400		UG/L
MWT03-02	WATER	PAH	2-METHYLNAPHTHALENE	800		UG/L
MWT03-02	WATER	PAH	2-METHYLNAPHTHALENE	800		UG/L
MWT03-02	WATER	PAH	ACENAPHTHENE	1300	U	UG/L
MWT03-02	WATER	PAH	ACENAPHTHENE	1300	U	UG/L
MWT03-02	WATER	PAH	ACENAPHTHYLENE	500	U	UG/L
MWT03-02	WATER	PAH	ACENAPHTHYLENE	500	U	UG/L

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GROUNDWATER ANALYTICAL RESULTS FOR USTs AND DRAINAGE AREA WELLS

SAMPLE ID	SAMPLE MEDIA	ANALYTE GROUP	ANALYTE	CONCENTRATION	QUALIFER	UNITS
MWT03-02	WATER	PAH	ANTHRACENE	50	U	UG/L
MWT03-02	WATER	PAH	ANTHRACENE	50	U	UG/L
MWT03-02	WATER	PAH	BENZO(A)ANTHRACENE	70		UG/L
MWT03-02	WATER	PAH	BENZO(A)ANTHRACENE	70		UG/L
MWT03-02	WATER	PAH	BENZO(A)PYRENE	50	U	UG/L
MWT03-02	WATER	PAH	BENZO(A)PYRENE	50	U	UG/L
MWT03-02	WATER	PAH	BENZO(B)FLUORANTHENE	50	U	UG/L
MWT03-02	WATER	PAH	BENZO(B)FLUORANTHENE	50	U	UG/L
MWT03-02	WATER	PAH	BENZO(G,H,I)PERYLENE	50	U	UG/L
MWT03-02	WATER	PAH	BENZO(G,H,I)PERYLENE	50	U	UG/L
MWT03-02	WATER	PAH	BENZO(K)FLUORANTHENE	50	U	UG/L
MWT03-02	WATER	PAH	BENZO(K)FLUORANTHENE	50	U	UG/L
MWT03-02	WATER	PAH	CHRYSENE	50		UG/L
MWT03-02	WATER	PAH	CHRYSENE	50		UG/L
MWT03-02	WATER	PAH	DIBENZO(A,H)ANTHRACENE	130	U	UG/L
MWT03-02	WATER	PAH	DIBENZO(A,H)ANTHRACENE	130	U	UG/L
MWT03-02	WATER	PAH	FLUORANTHENE	950		UG/L
MWT03-02	WATER	PAH	FLUORANTHENE	950		UG/L
MWT03-02	WATER	PAH	FLUORENE	180	J	UG/L
MWT03-02	WATER	PAH	FLUORENE	180	J	UG/L
MWT03-02	WATER	PAH	INDENO(1,2,3-CD)PYRENE	50	U	UG/L
MWT03-02	WATER	PAH	INDENO(1,2,3-CD)PYRENE	50	U	UG/L
MWT03-02	WATER	PAH	NAPHTHALENE	1300	U	UG/L
MWT03-02	WATER	PAH	NAPHTHALENE	1300	U	UG/L
MWT03-02	WATER	PAH	PHENANTHRENE	500		UG/L
MWT03-02	WATER	PAH	PHENANTHRENE	500		UG/L
MWT03-02	WATER	PAH	PYRENE	320		UG/L
MWT03-02	WATER	PAH	PYRENE	320		UG/L
MWT03-02	WATER	TPHEXT	DIESEL RANGE ORGANICS	1	U	MG/L
MWT03-02	WATER	TPHEXT	DIESEL RANGE ORGANICS	1	U	MG/L
MWT03-02	WATER	TPHEXT	JP5 RANGE ORGANICS	10	Y	MG/L
MWT03-02	WATER	TPHEXT	JP5 RANGE ORGANICS	10	Y	MG/L

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GROUNDWATER ANALYTICAL RESULTS FOR USTs AND DRAINAGE AREA WELLS

SAMPLE ID	SAMPLE MEDIA	ANALYTE GROUP	ANALYTE	CONCENTRATION	QUALIFER	UNITS
MWT03-02	WATER	TPHEXT	MOTOR OIL RANGE ORGANICS	1.2	U	MG/L
MWT03-02	WATER	TPHEXT	MOTOR OIL RANGE ORGANICS	1.2	U	MG/L
MWT03-02	WATER	TPHEXT	TPH - BUNKER FUEL (C10-C28)	1	U	MG/L
MWT03-02	WATER	TPHEXT	TPH - BUNKER FUEL (C10-C28)	1	U	MG/L
MWT03-02	WATER	TPHEXT	TPH - DIESEL F-76 (C8-C28)	1	U	MG/L
MWT03-02	WATER	TPHEXT	TPH - DIESEL F-76 (C8-C28)	1	U	MG/L
MWT03-02	WATER	TPHPRG	GASOLINE RANGE ORGANICS	3.21	Z	MG/L
MWT03-02	WATER	TPHPRG	GASOLINE RANGE ORGANICS	3.21	Z	MG/L
MWT03-11	WATER	AROMV	BENZENE	0.5	U	UG/L
MWT03-11	WATER	AROMV	BENZENE	0.5	U	UG/L
MWT03-11	WATER	AROMV	ETHYLBENZENE	2.4		UG/L
MWT03-11	WATER	AROMV	ETHYLBENZENE	2.4		UG/L
MWT03-11	WATER	AROMV	TOLUENE	10.7		UG/L
MWT03-11	WATER	AROMV	TOLUENE	10.7		UG/L
MWT03-11	WATER	AROMV	XYLENE (TOTAL)	1.5		UG/L
MWT03-11	WATER	AROMV	XYLENE (TOTAL)	1.5		UG/L
MWT03-11	WATER	PAH	1-METHYLNAPHTHALENE	19		UG/L
MWT03-11	WATER	PAH	1-METHYLNAPHTHALENE	19		UG/L
MWT03-11	WATER	PAH	2-METHYLNAPHTHALENE	1		UG/L
MWT03-11	WATER	PAH	2-METHYLNAPHTHALENE	1		UG/L
MWT03-11	WATER	PAH	ACENAPHTHENE	5	U	UG/L
MWT03-11	WATER	PAH	ACENAPHTHENE	5	U	UG/L
MWT03-11	WATER	PAH	ACENAPHTHYLENE	2	U	UG/L
MWT03-11	WATER	PAH	ACENAPHTHYLENE	2	U	UG/L
MWT03-11	WATER	PAH	ANTHRACENE	0.2	U	UG/L
MWT03-11	WATER	PAH	ANTHRACENE	0.2	U	UG/L
MWT03-11	WATER	PAH	BENZO(A)ANTHRACENE	0.2		UG/L
MWT03-11	WATER	PAH	BENZO(A)ANTHRACENE	0.2		UG/L
MWT03-11	WATER	PAH	BENZO(A)PYRENE	0.2	U	UG/L
MWT03-11	WATER	PAH	BENZO(A)PYRENE	0.2	U	UG/L
MWT03-11	WATER	PAH	BENZO(B)FLUORANTHENE	0.2	U	UG/L
MWT03-11	WATER	PAH	BENZO(B)FLUORANTHENE	0.2	U	UG/L

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GROUNDWATER ANALYTICAL RESULTS FOR USTs AND DRAINAGE AREA WELLS

SAMPLE ID	SAMPLE MEDIA	ANALYTE GROUP	ANALYTE	CONCENTRATION	QUALIFER	UNITS
MWT03-11	WATER	PAH	BENZO(G,H,I)PERYLENE	0.2	U	UG/L
MWT03-11	WATER	PAH	BENZO(G,H,I)PERYLENE	0.2	U	UG/L
MWT03-11	WATER	PAH	BENZO(K)FLUORANTHENE	0.2	U	UG/L
MWT03-11	WATER	PAH	BENZO(K)FLUORANTHENE	0.2	U	UG/L
MWT03-11	WATER	PAH	CHRYSENE	0.2	U	UG/L
MWT03-11	WATER	PAH	CHRYSENE	0.2	U	UG/L
MWT03-11	WATER	PAH	DIBENZO(A,H)ANTHRACENE	0.5	U	UG/L
MWT03-11	WATER	PAH	DIBENZO(A,H)ANTHRACENE	0.5	U	UG/L
MWT03-11	WATER	PAH	FLUORANTHENE	0.48		UG/L
MWT03-11	WATER	PAH	FLUORANTHENE	0.48		UG/L
MWT03-11	WATER	PAH	FLUORENE	0.6	J	UG/L
MWT03-11	WATER	PAH	FLUORENE	0.6	J	UG/L
MWT03-11	WATER	PAH	INDENO(1,2,3-CD)PYRENE	0.2	U	UG/L
MWT03-11	WATER	PAH	INDENO(1,2,3-CD)PYRENE	0.2	U	UG/L
MWT03-11	WATER	PAH	NAPHTHALENE	5	U	UG/L
MWT03-11	WATER	PAH	NAPHTHALENE	5	U	UG/L
MWT03-11	WATER	PAH	PHENANTHRENE	0.5	J	UG/L
MWT03-11	WATER	PAH	PHENANTHRENE	0.5	J	UG/L
MWT03-11	WATER	PAH	PYRENE	0.3		UG/L
MWT03-11	WATER	PAH	PYRENE	0.3		UG/L
MWT03-11	WATER	TPHEXT	DIESEL RANGE ORGANICS	1	U	MG/L
MWT03-11	WATER	TPHEXT	DIESEL RANGE ORGANICS	1	U	MG/L
MWT03-11	WATER	TPHEXT	JP5 RANGE ORGANICS	10	Y	MG/L
MWT03-11	WATER	TPHEXT	JP5 RANGE ORGANICS	10	Y	MG/L
MWT03-11	WATER	TPHEXT	MOTOR OIL RANGE ORGANICS	1.2	U	MG/L
MWT03-11	WATER	TPHEXT	MOTOR OIL RANGE ORGANICS	1.2	U	MG/L
MWT03-11	WATER	TPHEXT	TPH - BUNKER FUEL (C10-C28)	1	U	MG/L
MWT03-11	WATER	TPHEXT	TPH - BUNKER FUEL (C10-C28)	1	U	MG/L
MWT03-11	WATER	TPHEXT	TPH - DIESEL F-76 (C8-C28)	1	U	MG/L
MWT03-11	WATER	TPHEXT	TPH - DIESEL F-76 (C8-C28)	1	U	MG/L
MWT03-11	WATER	TPHPRG	GASOLINE RANGE ORGANICS	2.99	Z	MG/L
MWT03-11	WATER	TPHPRG	GASOLINE RANGE ORGANICS	2.99	Z	MG/L

TABLE D-4
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GROUNDWATER ANALYTICAL RESULTS FOR USTs AND DRAINAGE AREA WELLS

SAMPLE ID	SAMPLE MEDIA	ANALYTE GROUP	ANALYTE	CONCENTRATION	QUALIFER	UNITS
MWT05-02	WATER	AROMV	BENZENE	9.2		UG/L
MWT05-02	WATER	AROMV	BENZENE	9.2		UG/L
MWT05-02	WATER	AROMV	ETHYLBENZENE	6.3		UG/L
MWT05-02	WATER	AROMV	ETHYLBENZENE	6.3		UG/L
MWT05-02	WATER	AROMV	TOLUENE	18.5		UG/L
MWT05-02	WATER	AROMV	TOLUENE	18.5		UG/L
MWT05-02	WATER	AROMV	XYLENE (TOTAL)	9.8		UG/L
MWT05-02	WATER	AROMV	XYLENE (TOTAL)	9.8		UG/L
MWT05-02	WATER	PAH	1-METHYLNAPHTHALENE	2300000		UG/L
MWT05-02	WATER	PAH	1-METHYLNAPHTHALENE	2300000		UG/L
MWT05-02	WATER	PAH	2-METHYLNAPHTHALENE	930000		UG/L
MWT05-02	WATER	PAH	2-METHYLNAPHTHALENE	930000		UG/L
MWT05-02	WATER	PAH	ACENAPHTHENE	1500000	U	UG/L
MWT05-02	WATER	PAH	ACENAPHTHENE	1500000	U	UG/L
MWT05-02	WATER	PAH	ACENAPHTHYLENE	600000	U	UG/L
MWT05-02	WATER	PAH	ACENAPHTHYLENE	600000	U	UG/L
MWT05-02	WATER	PAH	ANTHRACENE	60000	U	UG/L
MWT05-02	WATER	PAH	ANTHRACENE	60000	U	UG/L
MWT05-02	WATER	PAH	BENZO(A)ANTHRACENE	310000		UG/L
MWT05-02	WATER	PAH	BENZO(A)ANTHRACENE	310000		UG/L
MWT05-02	WATER	PAH	BENZO(A)PYRENE	60000	U	UG/L
MWT05-02	WATER	PAH	BENZO(A)PYRENE	60000	U	UG/L
MWT05-02	WATER	PAH	BENZO(B)FLUORANTHENE	60000	U	UG/L
MWT05-02	WATER	PAH	BENZO(B)FLUORANTHENE	60000	U	UG/L
MWT05-02	WATER	PAH	BENZO(G,H,I)PERYLENE	60000	U	UG/L
MWT05-02	WATER	PAH	BENZO(G,H,I)PERYLENE	60000	U	UG/L
MWT05-02	WATER	PAH	BENZO(K)FLUORANTHENE	60000	U	UG/L
MWT05-02	WATER	PAH	BENZO(K)FLUORANTHENE	60000	U	UG/L
MWT05-02	WATER	PAH	CHRYSENE	43000	J	UG/L
MWT05-02	WATER	PAH	CHRYSENE	43000	J	UG/L
MWT05-02	WATER	PAH	DIBENZO(A,H)ANTHRACENE	150000	U	UG/L
MWT05-02	WATER	PAH	DIBENZO(A,H)ANTHRACENE	150000	U	UG/L

TABLE D-4
NFD POINT MOLATE
PHASE I CHARACTERIZATION OF USTs AND FUEL PIPELINES
INTERIM SUMMARY MEMORANDUM
GROUNDWATER ANALYTICAL RESULTS FOR USTs AND DRAINAGE AREA WELLS

SAMPLE ID	SAMPLE MEDIA	ANALYTE GROUP	ANALYTE	CONCENTRATION	QUALIFER	UNITS
MWT05-02	WATER	PAH	FLUORANTHENE	320000		UG/L
MWT05-02	WATER	PAH	FLUORANTHENE	320000		UG/L
MWT05-02	WATER	PAH	FLUORENE	300000	U	UG/L
MWT05-02	WATER	PAH	FLUORENE	300000	U	UG/L
MWT05-02	WATER	PAH	INDENO(1,2,3-CD)PYRENE	60000	U	UG/L
MWT05-02	WATER	PAH	INDENO(1,2,3-CD)PYRENE	60000	U	UG/L
MWT05-02	WATER	PAH	NAPHTHALENE	1500000	U	UG/L
MWT05-02	WATER	PAH	NAPHTHALENE	1500000	U	UG/L
MWT05-02	WATER	PAH	PHENANTHRENE	400000		UG/L
MWT05-02	WATER	PAH	PHENANTHRENE	400000		UG/L
MWT05-02	WATER	PAH	PYRENE	120000		UG/L
MWT05-02	WATER	PAH	PYRENE	120000		UG/L
MWT05-02	WATER	TPHEXT	DIESEL RANGE ORGANICS	250000		MG/L
MWT05-02	WATER	TPHEXT	DIESEL RANGE ORGANICS	250000		MG/L
MWT05-02	WATER	TPHEXT	JP5 RANGE ORGANICS	30000	U	MG/L
MWT05-02	WATER	TPHEXT	JP5 RANGE ORGANICS	30000	U	MG/L
MWT05-02	WATER	TPHEXT	MOTOR OIL RANGE ORGANICS	30000	U	MG/L
MWT05-02	WATER	TPHEXT	MOTOR OIL RANGE ORGANICS	30000	U	MG/L
MWT05-02	WATER	TPHEXT	TPH - BUNKER FUEL (C10-C28)	30000	U	MG/L
MWT05-02	WATER	TPHEXT	TPH - BUNKER FUEL (C10-C28)	30000	U	MG/L
MWT05-02	WATER	TPHEXT	TPH - DIESEL F-76 (C8-C28)	30000	U	MG/L
MWT05-02	WATER	TPHEXT	TPH - DIESEL F-76 (C8-C28)	30000	U	MG/L
MWT05-02	WATER	TPHPRG	GASOLINE RANGE ORGANICS	0.59	Z	MG/L
MWT05-02	WATER	TPHPRG	GASOLINE RANGE ORGANICS	0.59	Z	MG/L
MWT06-02	WATER	AROMV	BENZENE	0.5	U	UG/L
MWT06-02	WATER	AROMV	BENZENE	0.5	U	UG/L
MWT06-02	WATER	AROMV	ETHYLBENZENE	1.4		UG/L
MWT06-02	WATER	AROMV	ETHYLBENZENE	1.4		UG/L
MWT06-02	WATER	AROMV	TOLUENE	2.1		UG/L
MWT06-02	WATER	AROMV	TOLUENE	2.1		UG/L
MWT06-02	WATER	AROMV	XYLENE (TOTAL)	5.2		UG/L
MWT06-02	WATER	AROMV	XYLENE (TOTAL)	5.2		UG/L

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PHASE I CHARACTERIZATION OF USTs AND FUEL PIPELINES
INTERIM SUMMARY MEMORANDUM
GROUNDWATER ANALYTICAL RESULTS FOR USTs AND DRAINAGE AREA WELLS

SAMPLE ID	SAMPLE MEDIA	ANALYTE GROUP	ANALYTE	CONCENTRATION	QUALIFER	UNITS
MWT06-02	WATER	PAH	1-METHYLNAPHTHALENE	78		UG/L
MWT06-02	WATER	PAH	1-METHYLNAPHTHALENE	78		UG/L
MWT06-02	WATER	PAH	2-METHYLNAPHTHALENE	10		UG/L
MWT06-02	WATER	PAH	2-METHYLNAPHTHALENE	10		UG/L
MWT06-02	WATER	PAH	ACENAPHTHENE	50	U	UG/L
MWT06-02	WATER	PAH	ACENAPHTHENE	50	U	UG/L
MWT06-02	WATER	PAH	ACENAPHTHYLENE	20	U	UG/L
MWT06-02	WATER	PAH	ACENAPHTHYLENE	20	U	UG/L
MWT06-02	WATER	PAH	ANTHRACENE	2	J	UG/L
MWT06-02	WATER	PAH	ANTHRACENE	2	J	UG/L
MWT06-02	WATER	PAH	BENZO(A)ANTHRACENE	13		UG/L
MWT06-02	WATER	PAH	BENZO(A)ANTHRACENE	13		UG/L
MWT06-02	WATER	PAH	BENZO(A)PYRENE	2	U	UG/L
MWT06-02	WATER	PAH	BENZO(A)PYRENE	2	U	UG/L
MWT06-02	WATER	PAH	BENZO(B)FLUORANTHENE	2	U	UG/L
MWT06-02	WATER	PAH	BENZO(B)FLUORANTHENE	2	U	UG/L
MWT06-02	WATER	PAH	BENZO(G,H,I)PERYLENE	2	U	UG/L
MWT06-02	WATER	PAH	BENZO(G,H,I)PERYLENE	2	U	UG/L
MWT06-02	WATER	PAH	BENZO(K)FLUORANTHENE	2	U	UG/L
MWT06-02	WATER	PAH	BENZO(K)FLUORANTHENE	2	U	UG/L
MWT06-02	WATER	PAH	CHRYSENE	2	J	UG/L
MWT06-02	WATER	PAH	CHRYSENE	2	J	UG/L
MWT06-02	WATER	PAH	DIBENZO(A,H)ANTHRACENE	5	U	UG/L
MWT06-02	WATER	PAH	DIBENZO(A,H)ANTHRACENE	5	U	UG/L
MWT06-02	WATER	PAH	FLUORANTHENE	2	U	UG/L
MWT06-02	WATER	PAH	FLUORANTHENE	2	U	UG/L
MWT06-02	WATER	PAH	FLUORENE	10	U	UG/L
MWT06-02	WATER	PAH	FLUORENE	10	U	UG/L
MWT06-02	WATER	PAH	INDENO(1,2,3-CD)PYRENE	2	U	UG/L
MWT06-02	WATER	PAH	INDENO(1,2,3-CD)PYRENE	2	U	UG/L
MWT06-02	WATER	PAH	NAPHTHALENE	50	U	UG/L
MWT06-02	WATER	PAH	NAPHTHALENE	50	U	UG/L

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INTERIM SUMMARY MEMORANDUM
GROUNDWATER ANALYTICAL RESULTS FOR USTs AND DRAINAGE AREA WELLS

SAMPLE ID	SAMPLE MEDIA	ANALYTE GROUP	ANALYTE	CONCENTRATION	QUALIFER	UNITS
MWT06-02	WATER	PAH	PHENANTHRENE	10		UG/L
MWT06-02	WATER	PAH	PHENANTHRENE	10		UG/L
MWT06-02	WATER	PAH	PYRENE	2	U	UG/L
MWT06-02	WATER	PAH	PYRENE	2	U	UG/L
MWT06-02	WATER	TPHEXT	DIESEL RANGE ORGANICS	29	Y	MG/L
MWT06-02	WATER	TPHEXT	DIESEL RANGE ORGANICS	29	Y	MG/L
MWT06-02	WATER	TPHEXT	JP5 RANGE ORGANICS	5	U	MG/L
MWT06-02	WATER	TPHEXT	JP5 RANGE ORGANICS	5	U	MG/L
MWT06-02	WATER	TPHEXT	MOTOR OIL RANGE ORGANICS	6	U	MG/L
MWT06-02	WATER	TPHEXT	MOTOR OIL RANGE ORGANICS	6	U	MG/L
MWT06-02	WATER	TPHEXT	TPH - BUNKER FUEL (C10-C28)	5	U	MG/L
MWT06-02	WATER	TPHEXT	TPH - BUNKER FUEL (C10-C28)	5	U	MG/L
MWT06-02	WATER	TPHEXT	TPH - DIESEL F-76 (C8-C28)	5	U	MG/L
MWT06-02	WATER	TPHEXT	TPH - DIESEL F-76 (C8-C28)	5	U	MG/L
MWT06-02	WATER	TPHPRG	GASOLINE RANGE ORGANICS	1.56	Y	MG/L
MWT06-02	WATER	TPHPRG	GASOLINE RANGE ORGANICS	1.56	Y	MG/L
MWT06-03	WATER	AROMV	BENZENE	0.5	U	UG/L
MWT06-03	WATER	AROMV	BENZENE	0.5	U	UG/L
MWT06-03	WATER	AROMV	ETHYLBENZENE	0.5	U	UG/L
MWT06-03	WATER	AROMV	ETHYLBENZENE	0.5	U	UG/L
MWT06-03	WATER	AROMV	TOLUENE	15		UG/L
MWT06-03	WATER	AROMV	TOLUENE	15		UG/L
MWT06-03	WATER	AROMV	XYLENE (TOTAL)	1.4		UG/L
MWT06-03	WATER	AROMV	XYLENE (TOTAL)	1.4		UG/L
MWT06-03	WATER	PAH	1-METHYLNAPHTHALENE	17		UG/L
MWT06-03	WATER	PAH	1-METHYLNAPHTHALENE	17		UG/L
MWT06-03	WATER	PAH	2-METHYLNAPHTHALENE	13		UG/L
MWT06-03	WATER	PAH	2-METHYLNAPHTHALENE	13		UG/L
MWT06-03	WATER	PAH	ACENAPHTHENE	5	U	UG/L
MWT06-03	WATER	PAH	ACENAPHTHENE	5	U	UG/L
MWT06-03	WATER	PAH	ACENAPHTHYLENE	2	U	UG/L
MWT06-03	WATER	PAH	ACENAPHTHYLENE	2	U	UG/L

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GROUNDWATER ANALYTICAL RESULTS FOR USTs AND DRAINAGE AREA WELLS

SAMPLE ID	SAMPLE MEDIA	ANALYTE GROUP	ANALYTE	CONCENTRATION	QUALIFER	UNITS
MWT06-03	WATER	PAH	ANTHRACENE	0.1	J	UG/L
MWT06-03	WATER	PAH	ANTHRACENE	0.1	J	UG/L
MWT06-03	WATER	PAH	BENZO(A)ANTHRACENE	0.1	J	UG/L
MWT06-03	WATER	PAH	BENZO(A)ANTHRACENE	0.1	J	UG/L
MWT06-03	WATER	PAH	BENZO(A)PYRENE	0.2	U	UG/L
MWT06-03	WATER	PAH	BENZO(A)PYRENE	0.2	U	UG/L
MWT06-03	WATER	PAH	BENZO(B)FLUORANTHENE	0.2	U	UG/L
MWT06-03	WATER	PAH	BENZO(B)FLUORANTHENE	0.2	U	UG/L
MWT06-03	WATER	PAH	BENZO(G,H,I)PERYLENE	0.2	U	UG/L
MWT06-03	WATER	PAH	BENZO(G,H,I)PERYLENE	0.2	U	UG/L
MWT06-03	WATER	PAH	BENZO(K)FLUORANTHENE	0.2	U	UG/L
MWT06-03	WATER	PAH	BENZO(K)FLUORANTHENE	0.2	U	UG/L
MWT06-03	WATER	PAH	CHRYSENE	0.2	U	UG/L
MWT06-03	WATER	PAH	CHRYSENE	0.2	U	UG/L
MWT06-03	WATER	PAH	DIBENZO(A,H)ANTHRACENE	0.5	U	UG/L
MWT06-03	WATER	PAH	DIBENZO(A,H)ANTHRACENE	0.5	U	UG/L
MWT06-03	WATER	PAH	FLUORANTHENE	0.2	U	UG/L
MWT06-03	WATER	PAH	FLUORANTHENE	0.2	U	UG/L
MWT06-03	WATER	PAH	FLUORENE	1	U	UG/L
MWT06-03	WATER	PAH	FLUORENE	1	U	UG/L
MWT06-03	WATER	PAH	INDENO(1,2,3-CD)PYRENE	0.2	U	UG/L
MWT06-03	WATER	PAH	INDENO(1,2,3-CD)PYRENE	0.2	U	UG/L
MWT06-03	WATER	PAH	NAPHTHALENE	3	J	UG/L
MWT06-03	WATER	PAH	NAPHTHALENE	3	J	UG/L
MWT06-03	WATER	PAH	PHENANTHRENE	1	U	UG/L
MWT06-03	WATER	PAH	PHENANTHRENE	1	U	UG/L
MWT06-03	WATER	PAH	PYRENE	0.2	U	UG/L
MWT06-03	WATER	PAH	PYRENE	0.2	U	UG/L
MWT06-03	WATER	TPHEXT	DIESEL RANGE ORGANICS	2.6	Y	MG/L
MWT06-03	WATER	TPHEXT	DIESEL RANGE ORGANICS	2.6	Y	MG/L
MWT06-03	WATER	TPHEXT	JP5 RANGE ORGANICS	0.5	U	MG/L
MWT06-03	WATER	TPHEXT	JP5 RANGE ORGANICS	0.5	U	MG/L

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GROUNDWATER ANALYTICAL RESULTS FOR USTs AND DRAINAGE AREA WELLS

SAMPLE ID	SAMPLE MEDIA	ANALYTE GROUP	ANALYTE	CONCENTRATION	QUALIFER	UNITS
MWT06-03	WATER	TPHEXT	MOTOR OIL RANGE ORGANICS	0.6	U	MG/L
MWT06-03	WATER	TPHEXT	MOTOR OIL RANGE ORGANICS	0.6	U	MG/L
MWT06-03	WATER	TPHEXT	TPH - BUNKER FUEL (C10-C28)	0.5	U	MG/L
MWT06-03	WATER	TPHEXT	TPH - BUNKER FUEL (C10-C28)	0.5	U	MG/L
MWT06-03	WATER	TPHEXT	TPH - DIESEL F-76 (C8-C28)	0.5	U	MG/L
MWT06-03	WATER	TPHEXT	TPH - DIESEL F-76 (C8-C28)	0.5	U	MG/L
MWT06-03	WATER	TPHPRG	GASOLINE RANGE ORGANICS	1.34	Y	MG/L
MWT06-03	WATER	TPHPRG	GASOLINE RANGE ORGANICS	1.34	Y	MG/L
MWT06-12	WATER	AROMV	BENZENE	0.5	U	UG/L
MWT06-12	WATER	AROMV	BENZENE	0.5	U	UG/L
MWT06-12	WATER	AROMV	ETHYLBENZENE	0.5	U	UG/L
MWT06-12	WATER	AROMV	ETHYLBENZENE	0.5	U	UG/L
MWT06-12	WATER	AROMV	TOLUENE	0.8		UG/L
MWT06-12	WATER	AROMV	TOLUENE	0.8		UG/L
MWT06-12	WATER	AROMV	XYLENE (TOTAL)	4.2		UG/L
MWT06-12	WATER	AROMV	XYLENE (TOTAL)	4.2		UG/L
MWT06-12	WATER	PAH	1-METHYLNAPHTHALENE	72		UG/L
MWT06-12	WATER	PAH	1-METHYLNAPHTHALENE	72		UG/L
MWT06-12	WATER	PAH	2-METHYLNAPHTHALENE	27		UG/L
MWT06-12	WATER	PAH	2-METHYLNAPHTHALENE	27		UG/L
MWT06-12	WATER	PAH	ACENAPHTHENE	50	U	UG/L
MWT06-12	WATER	PAH	ACENAPHTHENE	50	U	UG/L
MWT06-12	WATER	PAH	ACENAPHTHYLENE	20	U	UG/L
MWT06-12	WATER	PAH	ACENAPHTHYLENE	20	U	UG/L
MWT06-12	WATER	PAH	ANTHRACENE	2		UG/L
MWT06-12	WATER	PAH	ANTHRACENE	2		UG/L
MWT06-12	WATER	PAH	BENZO(A)ANTHRACENE	16		UG/L
MWT06-12	WATER	PAH	BENZO(A)ANTHRACENE	16		UG/L
MWT06-12	WATER	PAH	BENZO(A)PYRENE	2	U	UG/L
MWT06-12	WATER	PAH	BENZO(A)PYRENE	2	U	UG/L
MWT06-12	WATER	PAH	BENZO(B)FLUORANTHENE	2	U	UG/L
MWT06-12	WATER	PAH	BENZO(B)FLUORANTHENE	2	U	UG/L

TABLE D-4
NFD POINT MOLATE
PHASE I CHARACTERIZATION OF USTs AND FUEL PIPELINES
INTERIM SUMMARY MEMORANDUM
GROUNDWATER ANALYTICAL RESULTS FOR USTs AND DRAINAGE AREA WELLS

SAMPLE ID	SAMPLE MEDIA	ANALYTE GROUP	ANALYTE	CONCENTRATION	QUALIFER	UNITS
MWT06-12	WATER	PAH	BENZO(G,H,I)PERYLENE	2	U	UG/L
MWT06-12	WATER	PAH	BENZO(G,H,I)PERYLENE	2	U	UG/L
MWT06-12	WATER	PAH	BENZO(K)FLUORANTHENE	2	U	UG/L
MWT06-12	WATER	PAH	BENZO(K)FLUORANTHENE	2	U	UG/L
MWT06-12	WATER	PAH	CHRYSENE	2		UG/L
MWT06-12	WATER	PAH	CHRYSENE	2		UG/L
MWT06-12	WATER	PAH	DIBENZO(A,H)ANTHRACENE	5	U	UG/L
MWT06-12	WATER	PAH	DIBENZO(A,H)ANTHRACENE	5	U	UG/L
MWT06-12	WATER	PAH	FLUORANTHENE	2	U	UG/L
MWT06-12	WATER	PAH	FLUORANTHENE	2	U	UG/L
MWT06-12	WATER	PAH	FLUORENE	7	J	UG/L
MWT06-12	WATER	PAH	FLUORENE	7	J	UG/L
MWT06-12	WATER	PAH	INDENO(1,2,3-CD)PYRENE	2	U	UG/L
MWT06-12	WATER	PAH	INDENO(1,2,3-CD)PYRENE	2	U	UG/L
MWT06-12	WATER	PAH	NAPHTHALENE	50	U	UG/L
MWT06-12	WATER	PAH	NAPHTHALENE	50	U	UG/L
MWT06-12	WATER	PAH	PHENANTHRENE	10	U	UG/L
MWT06-12	WATER	PAH	PHENANTHRENE	10	U	UG/L
MWT06-12	WATER	PAH	PYRENE	2	U	UG/L
MWT06-12	WATER	PAH	PYRENE	2	U	UG/L
MWT06-12	WATER	TPHEXT	DIESEL RANGE ORGANICS	21	Y	MG/L
MWT06-12	WATER	TPHEXT	DIESEL RANGE ORGANICS	21	Y	MG/L
MWT06-12	WATER	TPHEXT	JP5 RANGE ORGANICS	1	U	MG/L
MWT06-12	WATER	TPHEXT	JP5 RANGE ORGANICS	1	U	MG/L
MWT06-12	WATER	TPHEXT	MOTOR OIL RANGE ORGANICS	1.2	U	MG/L
MWT06-12	WATER	TPHEXT	MOTOR OIL RANGE ORGANICS	1.2	U	MG/L
MWT06-12	WATER	TPHEXT	TPH - BUNKER FUEL (C10-C28)	1	U	MG/L
MWT06-12	WATER	TPHEXT	TPH - BUNKER FUEL (C10-C28)	1	U	MG/L
MWT06-12	WATER	TPHEXT	TPH - DIESEL F-76 (C8-C28)	1	U	MG/L
MWT06-12	WATER	TPHEXT	TPH - DIESEL F-76 (C8-C28)	1	U	MG/L
MWT06-12	WATER	TPHPRG	GASOLINE RANGE ORGANICS	1.9	Y	MG/L
MWT06-12	WATER	TPHPRG	GASOLINE RANGE ORGANICS	1.9	Y	MG/L

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PHASE I CHARACTERIZATION OF USTs AND FUEL PIPELINES
INTERIM SUMMARY MEMORANDUM
GROUNDWATER ANALYTICAL RESULTS FOR USTs AND DRAINAGE AREA WELLS

SAMPLE ID	SAMPLE MEDIA	ANALYTE GROUP	ANALYTE	CONCENTRATION	QUALIFER	UNITS
MWT07-02	WATER	AROMV	BENZENE	0.5	U	UG/L
MWT07-02	WATER	AROMV	BENZENE	0.5	U	UG/L
MWT07-02	WATER	AROMV	ETHYLBENZENE	0.5	U	UG/L
MWT07-02	WATER	AROMV	ETHYLBENZENE	0.5	U	UG/L
MWT07-02	WATER	AROMV	TOLUENE	0.5	U	UG/L
MWT07-02	WATER	AROMV	TOLUENE	0.5	U	UG/L
MWT07-02	WATER	AROMV	XYLENE (TOTAL)	1	U	UG/L
MWT07-02	WATER	AROMV	XYLENE (TOTAL)	1	U	UG/L
MWT07-02	WATER	PAH	1-METHYLNAPHTHALENE	8.7		UG/L
MWT07-02	WATER	PAH	1-METHYLNAPHTHALENE	8.7		UG/L
MWT07-02	WATER	PAH	2-METHYLNAPHTHALENE	3		UG/L
MWT07-02	WATER	PAH	2-METHYLNAPHTHALENE	3		UG/L
MWT07-02	WATER	PAH	ACENAPHTHENE	5	U	UG/L
MWT07-02	WATER	PAH	ACENAPHTHENE	5	U	UG/L
MWT07-02	WATER	PAH	ACENAPHTHYLENE	2	U	UG/L
MWT07-02	WATER	PAH	ACENAPHTHYLENE	2	U	UG/L
MWT07-02	WATER	PAH	ANTHRACENE	0.2	U	UG/L
MWT07-02	WATER	PAH	ANTHRACENE	0.2	U	UG/L
MWT07-02	WATER	PAH	BENZO(A)ANTHRACENE	0.2	U	UG/L
MWT07-02	WATER	PAH	BENZO(A)ANTHRACENE	0.2	U	UG/L
MWT07-02	WATER	PAH	BENZO(A)PYRENE	0.2	U	UG/L
MWT07-02	WATER	PAH	BENZO(A)PYRENE	0.2	U	UG/L
MWT07-02	WATER	PAH	BENZO(B)FLUORANTHENE	0.2	U	UG/L
MWT07-02	WATER	PAH	BENZO(B)FLUORANTHENE	0.2	U	UG/L
MWT07-02	WATER	PAH	BENZO(G,H,I)PERYLENE	0.2	U	UG/L
MWT07-02	WATER	PAH	BENZO(G,H,I)PERYLENE	0.2	U	UG/L
MWT07-02	WATER	PAH	BENZO(K)FLUORANTHENE	0.2	U	UG/L
MWT07-02	WATER	PAH	BENZO(K)FLUORANTHENE	0.2	U	UG/L
MWT07-02	WATER	PAH	CHRYSENE	0.2	U	UG/L
MWT07-02	WATER	PAH	CHRYSENE	0.2	U	UG/L
MWT07-02	WATER	PAH	DIBENZO(A,H)ANTHRACENE	0.5	U	UG/L
MWT07-02	WATER	PAH	DIBENZO(A,H)ANTHRACENE	0.5	U	UG/L

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PHASE I CHARACTERIZATION OF USTs AND FUEL PIPELINES
INTERIM SUMMARY MEMORANDUM
GROUNDWATER ANALYTICAL RESULTS FOR USTs AND DRAINAGE AREA WELLS

SAMPLE ID	SAMPLE MEDIA	ANALYTE GROUP	ANALYTE	CONCENTRATION	QUALIFER	UNITS
MWT07-02	WATER	PAH	FLUORANTHENE	0.2	U	UG/L
MWT07-02	WATER	PAH	FLUORANTHENE	0.2	U	UG/L
MWT07-02	WATER	PAH	FLUORENE	1	U	UG/L
MWT07-02	WATER	PAH	FLUORENE	1	U	UG/L
MWT07-02	WATER	PAH	INDENO(1,2,3-CD)PYRENE	0.2	U	UG/L
MWT07-02	WATER	PAH	INDENO(1,2,3-CD)PYRENE	0.2	U	UG/L
MWT07-02	WATER	PAH	NAPHTHALENE	5	U	UG/L
MWT07-02	WATER	PAH	NAPHTHALENE	5	U	UG/L
MWT07-02	WATER	PAH	PHENANTHRENE	1	U	UG/L
MWT07-02	WATER	PAH	PHENANTHRENE	1	U	UG/L
MWT07-02	WATER	PAH	PYRENE	0.2	U	UG/L
MWT07-02	WATER	PAH	PYRENE	0.2	U	UG/L
MWT07-02	WATER	TPHEXT	DIESEL RANGE ORGANICS	1.1	Y	MG/L
MWT07-02	WATER	TPHEXT	DIESEL RANGE ORGANICS	1.1	Y	MG/L
MWT07-02	WATER	TPHEXT	JP5 RANGE ORGANICS	0.1	U	MG/L
MWT07-02	WATER	TPHEXT	JP5 RANGE ORGANICS	0.1	U	MG/L
MWT07-02	WATER	TPHEXT	MOTOR OIL RANGE ORGANICS	0.1	U	MG/L
MWT07-02	WATER	TPHEXT	MOTOR OIL RANGE ORGANICS	0.1	U	MG/L
MWT07-02	WATER	TPHEXT	TPH - BUNKER FUEL (C10-C28)	0.1	U	MG/L
MWT07-02	WATER	TPHEXT	TPH - BUNKER FUEL (C10-C28)	0.1	U	MG/L
MWT07-02	WATER	TPHEXT	TPH - DIESEL F-76 (C8-C28)	0.1	U	MG/L
MWT07-02	WATER	TPHEXT	TPH - DIESEL F-76 (C8-C28)	0.1	U	MG/L
MWT07-02	WATER	TPHPRG	GASOLINE RANGE ORGANICS	0.03	JZ	MG/L
MWT07-02	WATER	TPHPRG	GASOLINE RANGE ORGANICS	0.03	JZ	MG/L
MWT08-01	WATER	AROMV	BENZENE	0.5	U	UG/L
MWT08-01	WATER	AROMV	BENZENE	0.5	U	UG/L
MWT08-01	WATER	AROMV	ETHYLBENZENE	0.5	U	UG/L
MWT08-01	WATER	AROMV	ETHYLBENZENE	0.5	U	UG/L
MWT08-01	WATER	AROMV	TOLUENE	1.2		UG/L
MWT08-01	WATER	AROMV	TOLUENE	1.2		UG/L
MWT08-01	WATER	AROMV	XYLENE (TOTAL)	1	U	UG/L
MWT08-01	WATER	AROMV	XYLENE (TOTAL)	1	U	UG/L

TABLE D-4
NFD POINT MOLATE
PHASE I CHARACTERIZATION OF USTs AND FUEL PIPELINES
INTERIM SUMMARY MEMORANDUM
GROUNDWATER ANALYTICAL RESULTS FOR USTs AND DRAINAGE AREA WELLS

SAMPLE ID	SAMPLE MEDIA	ANALYTE GROUP	ANALYTE	CONCENTRATION	QUALIFER	UNITS
MWT08-01	WATER	PAH	1-METHYLNAPHTHALENE	70		UG/L
MWT08-01	WATER	PAH	1-METHYLNAPHTHALENE	70		UG/L
MWT08-01	WATER	PAH	2-METHYLNAPHTHALENE	22		UG/L
MWT08-01	WATER	PAH	2-METHYLNAPHTHALENE	22		UG/L
MWT08-01	WATER	PAH	ACENAPHTHENE	25	U	UG/L
MWT08-01	WATER	PAH	ACENAPHTHENE	25	U	UG/L
MWT08-01	WATER	PAH	ACENAPHTHYLENE	10	U	UG/L
MWT08-01	WATER	PAH	ACENAPHTHYLENE	10	U	UG/L
MWT08-01	WATER	PAH	ANTHRACENE	2		UG/L
MWT08-01	WATER	PAH	ANTHRACENE	2		UG/L
MWT08-01	WATER	PAH	BENZO(A)ANTHRACENE	2.6		UG/L
MWT08-01	WATER	PAH	BENZO(A)ANTHRACENE	2.6		UG/L
MWT08-01	WATER	PAH	BENZO(A)PYRENE	1	U	UG/L
MWT08-01	WATER	PAH	BENZO(A)PYRENE	1	U	UG/L
MWT08-01	WATER	PAH	BENZO(B)FLUORANTHENE	1	U	UG/L
MWT08-01	WATER	PAH	BENZO(B)FLUORANTHENE	1	U	UG/L
MWT08-01	WATER	PAH	BENZO(G,H,I)PERYLENE	1	U	UG/L
MWT08-01	WATER	PAH	BENZO(G,H,I)PERYLENE	1	U	UG/L
MWT08-01	WATER	PAH	BENZO(K)FLUORANTHENE	1	U	UG/L
MWT08-01	WATER	PAH	BENZO(K)FLUORANTHENE	1	U	UG/L
MWT08-01	WATER	PAH	CHRYSENE	8.1		UG/L
MWT08-01	WATER	PAH	CHRYSENE	8.1		UG/L
MWT08-01	WATER	PAH	DIBENZO(A,H)ANTHRACENE	2.5	U	UG/L
MWT08-01	WATER	PAH	DIBENZO(A,H)ANTHRACENE	2.5	U	UG/L
MWT08-01	WATER	PAH	FLUORANTHENE	1	U	UG/L
MWT08-01	WATER	PAH	FLUORANTHENE	1	U	UG/L
MWT08-01	WATER	PAH	FLUORENE	9		UG/L
MWT08-01	WATER	PAH	FLUORENE	9		UG/L
MWT08-01	WATER	PAH	INDENO(1,2,3-CD)PYRENE	1	U	UG/L
MWT08-01	WATER	PAH	INDENO(1,2,3-CD)PYRENE	1	U	UG/L
MWT08-01	WATER	PAH	NAPHTHALENE	25	U	UG/L
MWT08-01	WATER	PAH	NAPHTHALENE	25	U	UG/L

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PHASE I CHARACTERIZATION OF USTs AND FUEL PIPELINES
INTERIM SUMMARY MEMORANDUM
GROUNDWATER ANALYTICAL RESULTS FOR USTs AND DRAINAGE AREA WELLS

SAMPLE ID	SAMPLE MEDIA	ANALYTE GROUP	ANALYTE	CONCENTRATION	QUALIFER	UNITS
MWT08-01	WATER	PAH	PHENANTHRENE	8		UG/L
MWT08-01	WATER	PAH	PHENANTHRENE	8		UG/L
MWT08-01	WATER	PAH	PYRENE	1	U	UG/L
MWT08-01	WATER	PAH	PYRENE	1	U	UG/L
MWT08-01	WATER	TPHEXT	DIESEL RANGE ORGANICS	13.4	Y	MG/L
MWT08-01	WATER	TPHEXT	DIESEL RANGE ORGANICS	13.4	Y	MG/L
MWT08-01	WATER	TPHEXT	JP5 RANGE ORGANICS	0.5	U	MG/L
MWT08-01	WATER	TPHEXT	JP5 RANGE ORGANICS	0.5	U	MG/L
MWT08-01	WATER	TPHEXT	MOTOR OIL RANGE ORGANICS	0.6	U	MG/L
MWT08-01	WATER	TPHEXT	MOTOR OIL RANGE ORGANICS	0.6	U	MG/L
MWT08-01	WATER	TPHEXT	TPH - BUNKER FUEL (C10-C28)	0.5	U	MG/L
MWT08-01	WATER	TPHEXT	TPH - BUNKER FUEL (C10-C28)	0.5	U	MG/L
MWT08-01	WATER	TPHEXT	TPH - DIESEL F-76 (C8-C28)	0.5	U	MG/L
MWT08-01	WATER	TPHEXT	TPH - DIESEL F-76 (C8-C28)	0.5	U	MG/L
MWT08-01	WATER	TPHPRG	GASOLINE RANGE ORGANICS	1.11	Y	MG/L
MWT08-01	WATER	TPHPRG	GASOLINE RANGE ORGANICS	1.11	Y	MG/L
MWT12-02	WATER	AROMV	BENZENE	0.5	U	UG/L
MWT12-02	WATER	AROMV	BENZENE	0.5	U	UG/L
MWT12-02	WATER	AROMV	ETHYLBENZENE	0.5	U	UG/L
MWT12-02	WATER	AROMV	ETHYLBENZENE	0.5	U	UG/L
MWT12-02	WATER	AROMV	TOLUENE	10		UG/L
MWT12-02	WATER	AROMV	TOLUENE	10		UG/L
MWT12-02	WATER	AROMV	XYLENE (TOTAL)	1	U	UG/L
MWT12-02	WATER	AROMV	XYLENE (TOTAL)	1	U	UG/L
MWT12-02	WATER	PAH	1-METHYLNAPHTHALENE	36		UG/L
MWT12-02	WATER	PAH	1-METHYLNAPHTHALENE	36		UG/L
MWT12-02	WATER	PAH	2-METHYLNAPHTHALENE	10	U	UG/L
MWT12-02	WATER	PAH	2-METHYLNAPHTHALENE	10	U	UG/L
MWT12-02	WATER	PAH	ACENAPHTHENE	50	U	UG/L
MWT12-02	WATER	PAH	ACENAPHTHENE	50	U	UG/L
MWT12-02	WATER	PAH	ACENAPHTHYLENE	20	U	UG/L
MWT12-02	WATER	PAH	ACENAPHTHYLENE	20	U	UG/L

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PHASE I CHARACTERIZATION OF USTs AND FUEL PIPELINES
INTERIM SUMMARY MEMORANDUM
GROUNDWATER ANALYTICAL RESULTS FOR USTs AND DRAINAGE AREA WELLS

SAMPLE ID	SAMPLE MEDIA	ANALYTE GROUP	ANALYTE	CONCENTRATION	QUALIFER	UNITS
MWT12-02	WATER	PAH	ANTHRACENE	6		UG/L
MWT12-02	WATER	PAH	ANTHRACENE	6		UG/L
MWT12-02	WATER	PAH	BENZO(A)ANTHRACENE	28		UG/L
MWT12-02	WATER	PAH	BENZO(A)ANTHRACENE	28		UG/L
MWT12-02	WATER	PAH	BENZO(A)PYRENE	2	U	UG/L
MWT12-02	WATER	PAH	BENZO(A)PYRENE	2	U	UG/L
MWT12-02	WATER	PAH	BENZO(B)FLUORANTHENE	2	U	UG/L
MWT12-02	WATER	PAH	BENZO(B)FLUORANTHENE	2	U	UG/L
MWT12-02	WATER	PAH	BENZO(G,H,I)PERYLENE	2	U	UG/L
MWT12-02	WATER	PAH	BENZO(G,H,I)PERYLENE	2	U	UG/L
MWT12-02	WATER	PAH	BENZO(K)FLUORANTHENE	2	U	UG/L
MWT12-02	WATER	PAH	BENZO(K)FLUORANTHENE	2	U	UG/L
MWT12-02	WATER	PAH	CHRYSENE	4		UG/L
MWT12-02	WATER	PAH	CHRYSENE	4		UG/L
MWT12-02	WATER	PAH	DIBENZO(A,H)ANTHRACENE	5	U	UG/L
MWT12-02	WATER	PAH	DIBENZO(A,H)ANTHRACENE	5	U	UG/L
MWT12-02	WATER	PAH	FLUORANTHENE	34		UG/L
MWT12-02	WATER	PAH	FLUORANTHENE	34		UG/L
MWT12-02	WATER	PAH	FLUORENE	6	J	UG/L
MWT12-02	WATER	PAH	FLUORENE	6	J	UG/L
MWT12-02	WATER	PAH	INDENO(1,2,3-CD)PYRENE	2	U	UG/L
MWT12-02	WATER	PAH	INDENO(1,2,3-CD)PYRENE	2	U	UG/L
MWT12-02	WATER	PAH	NAPHTHALENE	50	U	UG/L
MWT12-02	WATER	PAH	NAPHTHALENE	50	U	UG/L
MWT12-02	WATER	PAH	PHENANTHRENE	20		UG/L
MWT12-02	WATER	PAH	PHENANTHRENE	20		UG/L
MWT12-02	WATER	PAH	PYRENE	21		UG/L
MWT12-02	WATER	PAH	PYRENE	21		UG/L
MWT12-02	WATER	TPHEXT	DIESEL RANGE ORGANICS	21	Y	MG/L
MWT12-02	WATER	TPHEXT	DIESEL RANGE ORGANICS	21	Y	MG/L
MWT12-02	WATER	TPHEXT	JP5 RANGE ORGANICS	0.5	U	MG/L
MWT12-02	WATER	TPHEXT	JP5 RANGE ORGANICS	0.5	U	MG/L

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NFD POINT MOLATE
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INTERIM SUMMARY MEMORANDUM
GROUNDWATER ANALYTICAL RESULTS FOR USTs AND DRAINAGE AREA WELLS

SAMPLE ID	SAMPLE MEDIA	ANALYTE GROUP	ANALYTE	CONCENTRATION	QUALIFER	UNITS
MWT12-02	WATER	TPHEXT	MOTOR OIL RANGE ORGANICS	0.5	U	MG/L
MWT12-02	WATER	TPHEXT	MOTOR OIL RANGE ORGANICS	0.5	U	MG/L
MWT12-02	WATER	TPHEXT	TPH - BUNKER FUEL (C10-C28)	0.5	U	MG/L
MWT12-02	WATER	TPHEXT	TPH - BUNKER FUEL (C10-C28)	0.5	U	MG/L
MWT12-02	WATER	TPHEXT	TPH - DIESEL F-76 (C8-C28)	0.5	U	MG/L
MWT12-02	WATER	TPHEXT	TPH - DIESEL F-76 (C8-C28)	0.5	U	MG/L
MWT12-02	WATER	TPHPRG	GASOLINE RANGE ORGANICS	0.71	Z	MG/L
MWT12-02	WATER	TPHPRG	GASOLINE RANGE ORGANICS	0.71	Z	MG/L
MWT12-03	WATER	AROMV	BENZENE	0.5	U	UG/L
MWT12-03	WATER	AROMV	BENZENE	0.5	U	UG/L
MWT12-03	WATER	AROMV	ETHYLBENZENE	0.5	U	UG/L
MWT12-03	WATER	AROMV	ETHYLBENZENE	0.5	U	UG/L
MWT12-03	WATER	AROMV	TOLUENE	0.7		UG/L
MWT12-03	WATER	AROMV	TOLUENE	0.7		UG/L
MWT12-03	WATER	AROMV	XYLENE (TOTAL)	1	U	UG/L
MWT12-03	WATER	AROMV	XYLENE (TOTAL)	1	U	UG/L
MWT12-03	WATER	PAH	1-METHYLNAPHTHALENE	9.3		UG/L
MWT12-03	WATER	PAH	1-METHYLNAPHTHALENE	9.3		UG/L
MWT12-03	WATER	PAH	2-METHYLNAPHTHALENE	3.8		UG/L
MWT12-03	WATER	PAH	2-METHYLNAPHTHALENE	3.8		UG/L
MWT12-03	WATER	PAH	ACENAPHTHENE	5	U	UG/L
MWT12-03	WATER	PAH	ACENAPHTHENE	5	U	UG/L
MWT12-03	WATER	PAH	ACENAPHTHYLENE	2	U	UG/L
MWT12-03	WATER	PAH	ACENAPHTHYLENE	2	U	UG/L
MWT12-03	WATER	PAH	ANTHRACENE	0.2	U	UG/L
MWT12-03	WATER	PAH	ANTHRACENE	0.2	U	UG/L
MWT12-03	WATER	PAH	BENZO(A)ANTHRACENE	0.87		UG/L
MWT12-03	WATER	PAH	BENZO(A)ANTHRACENE	0.87		UG/L
MWT12-03	WATER	PAH	BENZO(A)PYRENE	0.2	U	UG/L
MWT12-03	WATER	PAH	BENZO(A)PYRENE	0.2	U	UG/L
MWT12-03	WATER	PAH	BENZO(B)FLUORANTHENE	0.2	U	UG/L
MWT12-03	WATER	PAH	BENZO(B)FLUORANTHENE	0.2	U	UG/L

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NFD POINT MOLATE
PHASE I CHARACTERIZATION OF USTs AND FUEL PIPELINES
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GROUNDWATER ANALYTICAL RESULTS FOR USTs AND DRAINAGE AREA WELLS

SAMPLE ID	SAMPLE MEDIA	ANALYTE GROUP	ANALYTE	CONCENTRATION	QUALIFER	UNITS
MWT12-03	WATER	PAH	BENZO(G,H,I)PERYLENE	0.2	U	UG/L
MWT12-03	WATER	PAH	BENZO(G,H,I)PERYLENE	0.2	U	UG/L
MWT12-03	WATER	PAH	BENZO(K)FLUORANTHENE	0.2	U	UG/L
MWT12-03	WATER	PAH	BENZO(K)FLUORANTHENE	0.2	U	UG/L
MWT12-03	WATER	PAH	CHRYSENE	0.2	U	UG/L
MWT12-03	WATER	PAH	CHRYSENE	0.2	U	UG/L
MWT12-03	WATER	PAH	DIBENZO(A,H)ANTHRACENE	0.5	U	UG/L
MWT12-03	WATER	PAH	DIBENZO(A,H)ANTHRACENE	0.5	U	UG/L
MWT12-03	WATER	PAH	FLUORANTHENE	0.41		UG/L
MWT12-03	WATER	PAH	FLUORANTHENE	0.41		UG/L
MWT12-03	WATER	PAH	FLUORENE	1	U	UG/L
MWT12-03	WATER	PAH	FLUORENE	1	U	UG/L
MWT12-03	WATER	PAH	INDENO(1,2,3-CD)PYRENE	0.2	U	UG/L
MWT12-03	WATER	PAH	INDENO(1,2,3-CD)PYRENE	0.2	U	UG/L
MWT12-03	WATER	PAH	NAPHTHALENE	5	U	UG/L
MWT12-03	WATER	PAH	NAPHTHALENE	5	U	UG/L
MWT12-03	WATER	PAH	PHENANTHRENE	1	U	UG/L
MWT12-03	WATER	PAH	PHENANTHRENE	1	U	UG/L
MWT12-03	WATER	PAH	PYRENE	0.64		UG/L
MWT12-03	WATER	PAH	PYRENE	0.64		UG/L
MWT12-03	WATER	TPHEXT	DIESEL RANGE ORGANICS	0.5	U	MG/L
MWT12-03	WATER	TPHEXT	DIESEL RANGE ORGANICS	0.5	U	MG/L
MWT12-03	WATER	TPHEXT	JP5 RANGE ORGANICS	0.5	U	MG/L
MWT12-03	WATER	TPHEXT	JP5 RANGE ORGANICS	0.5	U	MG/L
MWT12-03	WATER	TPHEXT	MOTOR OIL RANGE ORGANICS	20.3	Y	MG/L
MWT12-03	WATER	TPHEXT	MOTOR OIL RANGE ORGANICS	20.3	Y	MG/L
MWT12-03	WATER	TPHEXT	TPH - BUNKER FUEL (C10-C28)	0.5	U	MG/L
MWT12-03	WATER	TPHEXT	TPH - BUNKER FUEL (C10-C28)	0.5	U	MG/L
MWT12-03	WATER	TPHEXT	TPH - DIESEL F-76 (C8-C28)	0.5	U	MG/L
MWT12-03	WATER	TPHEXT	TPH - DIESEL F-76 (C8-C28)	0.5	U	MG/L
MWT12-03	WATER	TPHPRG	GASOLINE RANGE ORGANICS	0.03	JZ	MG/L
MWT12-03	WATER	TPHPRG	GASOLINE RANGE ORGANICS	0.03	JZ	MG/L

TABLE D-4
NFD POINT MOLATE
PHASE I CHARACTERIZATION OF USTs AND FUEL PIPELINES
INTERIM SUMMARY MEMORANDUM
GROUNDWATER ANALYTICAL RESULTS FOR USTs AND DRAINAGE AREA WELLS

SAMPLE ID	SAMPLE MEDIA	ANALYTE GROUP	ANALYTE	CONCENTRATION	QUALIFER	UNITS
MWT13-02	WATER	AROMV	BENZENE	0.5	U	UG/L
MWT13-02	WATER	AROMV	BENZENE	0.5	U	UG/L
MWT13-02	WATER	AROMV	ETHYLBENZENE	0.5	U	UG/L
MWT13-02	WATER	AROMV	ETHYLBENZENE	0.5	U	UG/L
MWT13-02	WATER	AROMV	TOLUENE	0.8		UG/L
MWT13-02	WATER	AROMV	TOLUENE	0.8		UG/L
MWT13-02	WATER	AROMV	XYLENE (TOTAL)	1.5		UG/L
MWT13-02	WATER	AROMV	XYLENE (TOTAL)	1.5		UG/L
MWT13-02	WATER	PAH	1-METHYLNAPHTHALENE	3100		UG/L
MWT13-02	WATER	PAH	1-METHYLNAPHTHALENE	3100		UG/L
MWT13-02	WATER	PAH	2-METHYLNAPHTHALENE	1100		UG/L
MWT13-02	WATER	PAH	2-METHYLNAPHTHALENE	1100		UG/L
MWT13-02	WATER	PAH	ACENAPHTHENE	1300	U	UG/L
MWT13-02	WATER	PAH	ACENAPHTHENE	1300	U	UG/L
MWT13-02	WATER	PAH	ACENAPHTHYLENE	500	U	UG/L
MWT13-02	WATER	PAH	ACENAPHTHYLENE	500	U	UG/L
MWT13-02	WATER	PAH	ANTHRACENE	50	U	UG/L
MWT13-02	WATER	PAH	ANTHRACENE	50	U	UG/L
MWT13-02	WATER	PAH	BENZO(A)ANTHRACENE	90		UG/L
MWT13-02	WATER	PAH	BENZO(A)ANTHRACENE	90		UG/L
MWT13-02	WATER	PAH	BENZO(A)PYRENE	50	U	UG/L
MWT13-02	WATER	PAH	BENZO(A)PYRENE	50	U	UG/L
MWT13-02	WATER	PAH	BENZO(B)FLUORANTHENE	50	U	UG/L
MWT13-02	WATER	PAH	BENZO(B)FLUORANTHENE	50	U	UG/L
MWT13-02	WATER	PAH	BENZO(G,H,I)PERYLENE	50	U	UG/L
MWT13-02	WATER	PAH	BENZO(G,H,I)PERYLENE	50	U	UG/L
MWT13-02	WATER	PAH	BENZO(K)FLUORANTHENE	50	U	UG/L
MWT13-02	WATER	PAH	BENZO(K)FLUORANTHENE	50	U	UG/L
MWT13-02	WATER	PAH	CHRYSENE	80		UG/L
MWT13-02	WATER	PAH	CHRYSENE	80		UG/L
MWT13-02	WATER	PAH	DIBENZO(A,H)ANTHRACENE	130	U	UG/L
MWT13-02	WATER	PAH	DIBENZO(A,H)ANTHRACENE	130	U	UG/L

TABLE D-4
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PHASE I CHARACTERIZATION OF USTs AND FUEL PIPELINES
INTERIM SUMMARY MEMORANDUM
GROUNDWATER ANALYTICAL RESULTS FOR USTs AND DRAINAGE AREA WELLS

SAMPLE ID	SAMPLE MEDIA	ANALYTE GROUP	ANALYTE	CONCENTRATION	QUALIFER	UNITS
MWT13-02	WATER	PAH	FLUORANTHENE	1320		UG/L
MWT13-02	WATER	PAH	FLUORANTHENE	1320		UG/L
MWT13-02	WATER	PAH	FLUORENE	250	U	UG/L
MWT13-02	WATER	PAH	FLUORENE	250	U	UG/L
MWT13-02	WATER	PAH	INDENO(1,2,3-CD)PYRENE	50	U	UG/L
MWT13-02	WATER	PAH	INDENO(1,2,3-CD)PYRENE	50	U	UG/L
MWT13-02	WATER	PAH	NAPHTHALENE	1300	U	UG/L
MWT13-02	WATER	PAH	NAPHTHALENE	1300	U	UG/L
MWT13-02	WATER	PAH	PHENANTHRENE	670		UG/L
MWT13-02	WATER	PAH	PHENANTHRENE	670		UG/L
MWT13-02	WATER	PAH	PYRENE	430		UG/L
MWT13-02	WATER	PAH	PYRENE	430		UG/L
MWT13-02	WATER	TPHEXT	DIESEL RANGE ORGANICS	355	Y	MG/L
MWT13-02	WATER	TPHEXT	DIESEL RANGE ORGANICS	355	Y	MG/L
MWT13-02	WATER	TPHEXT	JP5 RANGE ORGANICS	10	U	MG/L
MWT13-02	WATER	TPHEXT	JP5 RANGE ORGANICS	10	U	MG/L
MWT13-02	WATER	TPHEXT	MOTOR OIL RANGE ORGANICS	12	U	MG/L
MWT13-02	WATER	TPHEXT	MOTOR OIL RANGE ORGANICS	12	U	MG/L
MWT13-02	WATER	TPHEXT	TPH - BUNKER FUEL (C10-C28)	10	U	MG/L
MWT13-02	WATER	TPHEXT	TPH - BUNKER FUEL (C10-C28)	10	U	MG/L
MWT13-02	WATER	TPHEXT	TPH - DIESEL F-76 (C8-C28)	10	U	MG/L
MWT13-02	WATER	TPHEXT	TPH - DIESEL F-76 (C8-C28)	10	U	MG/L
MWT13-02	WATER	TPHPRG	GASOLINE RANGE ORGANICS	1.7	Z	MG/L
MWT13-02	WATER	TPHPRG	GASOLINE RANGE ORGANICS	1.7	Z	MG/L
MWT15-01	WATER	AROMV	BENZENE	0.5	U	UG/L
MWT15-01	WATER	AROMV	BENZENE	0.5	U	UG/L
MWT15-01	WATER	AROMV	ETHYLBENZENE	0.5	U	UG/L
MWT15-01	WATER	AROMV	ETHYLBENZENE	0.5	U	UG/L
MWT15-01	WATER	AROMV	TOLUENE	3.7		UG/L
MWT15-01	WATER	AROMV	TOLUENE	3.7		UG/L
MWT15-01	WATER	AROMV	XYLENE (TOTAL)	1	U	UG/L
MWT15-01	WATER	AROMV	XYLENE (TOTAL)	1	U	UG/L

TABLE D-4
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GROUNDWATER ANALYTICAL RESULTS FOR USTs AND DRAINAGE AREA WELLS

SAMPLE ID	SAMPLE MEDIA	ANALYTE GROUP	ANALYTE	CONCENTRATION	QUALIFER	UNITS
MWT15-01	WATER	PAH	1-METHYLNAPHTHALENE	8		UG/L
MWT15-01	WATER	PAH	1-METHYLNAPHTHALENE	8		UG/L
MWT15-01	WATER	PAH	2-METHYLNAPHTHALENE	5	U	UG/L
MWT15-01	WATER	PAH	2-METHYLNAPHTHALENE	5	U	UG/L
MWT15-01	WATER	PAH	ACENAPHTHENE	25	U	UG/L
MWT15-01	WATER	PAH	ACENAPHTHENE	25	U	UG/L
MWT15-01	WATER	PAH	ACENAPHTHYLENE	10	U	UG/L
MWT15-01	WATER	PAH	ACENAPHTHYLENE	10	U	UG/L
MWT15-01	WATER	PAH	ANTHRACENE	1	U	UG/L
MWT15-01	WATER	PAH	ANTHRACENE	1	U	UG/L
MWT15-01	WATER	PAH	BENZO(A)ANTHRACENE	1	U	UG/L
MWT15-01	WATER	PAH	BENZO(A)ANTHRACENE	1	U	UG/L
MWT15-01	WATER	PAH	BENZO(A)PYRENE	1	U	UG/L
MWT15-01	WATER	PAH	BENZO(A)PYRENE	1	U	UG/L
MWT15-01	WATER	PAH	BENZO(B)FLUORANTHENE	1	U	UG/L
MWT15-01	WATER	PAH	BENZO(B)FLUORANTHENE	1	U	UG/L
MWT15-01	WATER	PAH	BENZO(G,H,I)PERYLENE	1	U	UG/L
MWT15-01	WATER	PAH	BENZO(G,H,I)PERYLENE	1	U	UG/L
MWT15-01	WATER	PAH	BENZO(K)FLUORANTHENE	1	U	UG/L
MWT15-01	WATER	PAH	BENZO(K)FLUORANTHENE	1	U	UG/L
MWT15-01	WATER	PAH	CHRYSENE	1	U	UG/L
MWT15-01	WATER	PAH	CHRYSENE	1	U	UG/L
MWT15-01	WATER	PAH	DIBENZO(A,H)ANTHRACENE	2.5	U	UG/L
MWT15-01	WATER	PAH	DIBENZO(A,H)ANTHRACENE	2.5	U	UG/L
MWT15-01	WATER	PAH	FLUORANTHENE	1		UG/L
MWT15-01	WATER	PAH	FLUORANTHENE	1		UG/L
MWT15-01	WATER	PAH	FLUORENE	5	U	UG/L
MWT15-01	WATER	PAH	FLUORENE	5	U	UG/L
MWT15-01	WATER	PAH	INDENO(1,2,3-CD)PYRENE	1	U	UG/L
MWT15-01	WATER	PAH	INDENO(1,2,3-CD)PYRENE	1	U	UG/L
MWT15-01	WATER	PAH	NAPHTHALENE	25	U	UG/L
MWT15-01	WATER	PAH	NAPHTHALENE	25	U	UG/L

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GROUNDWATER ANALYTICAL RESULTS FOR USTs AND DRAINAGE AREA WELLS

SAMPLE ID	SAMPLE MEDIA	ANALYTE GROUP	ANALYTE	CONCENTRATION	QUALIFER	UNITS
MWT15-01	WATER	PAH	PHENANTHRENE	5	U	UG/L
MWT15-01	WATER	PAH	PHENANTHRENE	5	U	UG/L
MWT15-01	WATER	PAH	PYRENE	0.8	J	UG/L
MWT15-01	WATER	PAH	PYRENE	0.8	J	UG/L
MWT15-01	WATER	TPHEXT	DIESEL RANGE ORGANICS	1	U	MG/L
MWT15-01	WATER	TPHEXT	DIESEL RANGE ORGANICS	1	U	MG/L
MWT15-01	WATER	TPHEXT	JP5 RANGE ORGANICS	9.3	Y	MG/L
MWT15-01	WATER	TPHEXT	JP5 RANGE ORGANICS	9.3	Y	MG/L
MWT15-01	WATER	TPHEXT	MOTOR OIL RANGE ORGANICS	1.2	U	MG/L
MWT15-01	WATER	TPHEXT	MOTOR OIL RANGE ORGANICS	1.2	U	MG/L
MWT15-01	WATER	TPHEXT	TPH - BUNKER FUEL (C10-C28)	1	U	MG/L
MWT15-01	WATER	TPHEXT	TPH - BUNKER FUEL (C10-C28)	1	U	MG/L
MWT15-01	WATER	TPHEXT	TPH - DIESEL F-76 (C8-C28)	1	U	MG/L
MWT15-01	WATER	TPHEXT	TPH - DIESEL F-76 (C8-C28)	1	U	MG/L
MWT15-01	WATER	TPHPRG	GASOLINE RANGE ORGANICS	2.59	Z	MG/L
MWT15-01	WATER	TPHPRG	GASOLINE RANGE ORGANICS	2.59	Z	MG/L
MWT18-01	WATER	AROMV	BENZENE	2.5	U	UG/L
MWT18-01	WATER	AROMV	BENZENE	2.5	U	UG/L
MWT18-01	WATER	AROMV	ETHYLBENZENE	2.5	U	UG/L
MWT18-01	WATER	AROMV	ETHYLBENZENE	2.5	U	UG/L
MWT18-01	WATER	AROMV	TOLUENE	2.5	U	UG/L
MWT18-01	WATER	AROMV	TOLUENE	2.5	U	UG/L
MWT18-01	WATER	AROMV	XYLENE (TOTAL)	5	U	UG/L
MWT18-01	WATER	AROMV	XYLENE (TOTAL)	5	U	UG/L
MWT18-01	WATER	PAH	1-METHYLNAPHTHALENE	41		UG/L
MWT18-01	WATER	PAH	1-METHYLNAPHTHALENE	41		UG/L
MWT18-01	WATER	PAH	2-METHYLNAPHTHALENE	5	U	UG/L
MWT18-01	WATER	PAH	2-METHYLNAPHTHALENE	5	U	UG/L
MWT18-01	WATER	PAH	ACENAPHTHENE	25	U	UG/L
MWT18-01	WATER	PAH	ACENAPHTHENE	25	U	UG/L
MWT18-01	WATER	PAH	ACENAPHTHYLENE	10	U	UG/L
MWT18-01	WATER	PAH	ACENAPHTHYLENE	10	U	UG/L

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GROUNDWATER ANALYTICAL RESULTS FOR USTs AND DRAINAGE AREA WELLS

SAMPLE ID	SAMPLE MEDIA	ANALYTE GROUP	ANALYTE	CONCENTRATION	QUALIFER	UNITS
MWT18-01	WATER	PAH	ANTHRACENE	1	U	UG/L
MWT18-01	WATER	PAH	ANTHRACENE	1	U	UG/L
MWT18-01	WATER	PAH	BENZO(A)ANTHRACENE	1	U	UG/L
MWT18-01	WATER	PAH	BENZO(A)ANTHRACENE	1	U	UG/L
MWT18-01	WATER	PAH	BENZO(A)PYRENE	1	U	UG/L
MWT18-01	WATER	PAH	BENZO(A)PYRENE	1	U	UG/L
MWT18-01	WATER	PAH	BENZO(B)FLUORANTHENE	1	U	UG/L
MWT18-01	WATER	PAH	BENZO(B)FLUORANTHENE	1	U	UG/L
MWT18-01	WATER	PAH	BENZO(G,H,I)PERYLENE	1	U	UG/L
MWT18-01	WATER	PAH	BENZO(G,H,I)PERYLENE	1	U	UG/L
MWT18-01	WATER	PAH	BENZO(K)FLUORANTHENE	1	U	UG/L
MWT18-01	WATER	PAH	BENZO(K)FLUORANTHENE	1	U	UG/L
MWT18-01	WATER	PAH	CHRYSENE	1	U	UG/L
MWT18-01	WATER	PAH	CHRYSENE	1	U	UG/L
MWT18-01	WATER	PAH	DIBENZO(A,H)ANTHRACENE	2.5	U	UG/L
MWT18-01	WATER	PAH	DIBENZO(A,H)ANTHRACENE	2.5	U	UG/L
MWT18-01	WATER	PAH	FLUORANTHENE	2		UG/L
MWT18-01	WATER	PAH	FLUORANTHENE	2		UG/L
MWT18-01	WATER	PAH	FLUORENE	5	U	UG/L
MWT18-01	WATER	PAH	FLUORENE	5	U	UG/L
MWT18-01	WATER	PAH	INDENO(1,2,3-CD)PYRENE	1	U	UG/L
MWT18-01	WATER	PAH	INDENO(1,2,3-CD)PYRENE	1	U	UG/L
MWT18-01	WATER	PAH	NAPHTHALENE	25	U	UG/L
MWT18-01	WATER	PAH	NAPHTHALENE	25	U	UG/L
MWT18-01	WATER	PAH	PHENANTHRENE	5	U	UG/L
MWT18-01	WATER	PAH	PHENANTHRENE	5	U	UG/L
MWT18-01	WATER	PAH	PYRENE	1		UG/L
MWT18-01	WATER	PAH	PYRENE	1		UG/L
MWT18-01	WATER	TPHEXT	DIESEL RANGE ORGANICS	1	U	MG/L
MWT18-01	WATER	TPHEXT	DIESEL RANGE ORGANICS	1	U	MG/L
MWT18-01	WATER	TPHEXT	JP5 RANGE ORGANICS	24	Y	MG/L
MWT18-01	WATER	TPHEXT	JP5 RANGE ORGANICS	24	Y	MG/L

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GROUNDWATER ANALYTICAL RESULTS FOR USTs AND DRAINAGE AREA WELLS

SAMPLE ID	SAMPLE MEDIA	ANALYTE GROUP	ANALYTE	CONCENTRATION	QUALIFER	UNITS
MWT18-01	WATER	TPHEXT	MOTOR OIL RANGE ORGANICS	1.2	U	MG/L
MWT18-01	WATER	TPHEXT	MOTOR OIL RANGE ORGANICS	1.2	U	MG/L
MWT18-01	WATER	TPHEXT	TPH - BUNKER FUEL (C10-C28)	1	U	MG/L
MWT18-01	WATER	TPHEXT	TPH - BUNKER FUEL (C10-C28)	1	U	MG/L
MWT18-01	WATER	TPHEXT	TPH - DIESEL F-76 (C8-C28)	1	U	MG/L
MWT18-01	WATER	TPHEXT	TPH - DIESEL F-76 (C8-C28)	1	U	MG/L
MWT18-01	WATER	TPHPRG	GASOLINE RANGE ORGANICS	5.02	Z	MG/L
MWT18-01	WATER	TPHPRG	GASOLINE RANGE ORGANICS	5.02	Z	MG/L
MWT19-01	WATER	AROMV	BENZENE	0.5	U	UG/L
MWT19-01	WATER	AROMV	BENZENE	0.5	U	UG/L
MWT19-01	WATER	AROMV	ETHYLBENZENE	0.5	U	UG/L
MWT19-01	WATER	AROMV	ETHYLBENZENE	0.5	U	UG/L
MWT19-01	WATER	AROMV	TOLUENE	2.1		UG/L
MWT19-01	WATER	AROMV	TOLUENE	2.1		UG/L
MWT19-01	WATER	AROMV	XYLENE (TOTAL)	1.9		UG/L
MWT19-01	WATER	AROMV	XYLENE (TOTAL)	1.9		UG/L
MWT19-01	WATER	PAH	1-METHYLNAPHTHALENE	48		UG/L
MWT19-01	WATER	PAH	1-METHYLNAPHTHALENE	48		UG/L
MWT19-01	WATER	PAH	2-METHYLNAPHTHALENE	25		UG/L
MWT19-01	WATER	PAH	2-METHYLNAPHTHALENE	25		UG/L
MWT19-01	WATER	PAH	ACENAPHTHENE	5	U	UG/L
MWT19-01	WATER	PAH	ACENAPHTHENE	5	U	UG/L
MWT19-01	WATER	PAH	ACENAPHTHYLENE	2	U	UG/L
MWT19-01	WATER	PAH	ACENAPHTHYLENE	2	U	UG/L
MWT19-01	WATER	PAH	ANTHRACENE	0.2	U	UG/L
MWT19-01	WATER	PAH	ANTHRACENE	0.2	U	UG/L
MWT19-01	WATER	PAH	BENZO(A)ANTHRACENE	0.2	U	UG/L
MWT19-01	WATER	PAH	BENZO(A)ANTHRACENE	0.2	U	UG/L
MWT19-01	WATER	PAH	BENZO(A)PYRENE	0.2	U	UG/L
MWT19-01	WATER	PAH	BENZO(A)PYRENE	0.2	U	UG/L
MWT19-01	WATER	PAH	BENZO(B)FLUORANTHENE	0.2	U	UG/L
MWT19-01	WATER	PAH	BENZO(B)FLUORANTHENE	0.2	U	UG/L

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GROUNDWATER ANALYTICAL RESULTS FOR USTs AND DRAINAGE AREA WELLS

SAMPLE ID	SAMPLE MEDIA	ANALYTE GROUP	ANALYTE	CONCENTRATION	QUALIFER	UNITS
MWT19-01	WATER	PAH	BENZO(G,H,I)PERYLENE	0.2	U	UG/L
MWT19-01	WATER	PAH	BENZO(G,H,I)PERYLENE	0.2	U	UG/L
MWT19-01	WATER	PAH	BENZO(K)FLUORANTHENE	0.2	U	UG/L
MWT19-01	WATER	PAH	BENZO(K)FLUORANTHENE	0.2	U	UG/L
MWT19-01	WATER	PAH	CHRYSENE	0.2	U	UG/L
MWT19-01	WATER	PAH	CHRYSENE	0.2	U	UG/L
MWT19-01	WATER	PAH	DIBENZO(A,H)ANTHRACENE	0.5	U	UG/L
MWT19-01	WATER	PAH	DIBENZO(A,H)ANTHRACENE	0.5	U	UG/L
MWT19-01	WATER	PAH	FLUORANTHENE	0.2	U	UG/L
MWT19-01	WATER	PAH	FLUORANTHENE	0.2	U	UG/L
MWT19-01	WATER	PAH	FLUORENE	1	U	UG/L
MWT19-01	WATER	PAH	FLUORENE	1	U	UG/L
MWT19-01	WATER	PAH	INDENO(1,2,3-CD)PYRENE	0.2	U	UG/L
MWT19-01	WATER	PAH	INDENO(1,2,3-CD)PYRENE	0.2	U	UG/L
MWT19-01	WATER	PAH	NAPHTHALENE	4	J	UG/L
MWT19-01	WATER	PAH	NAPHTHALENE	4	J	UG/L
MWT19-01	WATER	PAH	PHENANTHRENE	1	U	UG/L
MWT19-01	WATER	PAH	PHENANTHRENE	1	U	UG/L
MWT19-01	WATER	PAH	PYRENE	0.2	U	UG/L
MWT19-01	WATER	PAH	PYRENE	0.2	U	UG/L
MWT19-01	WATER	TPHEXT	DIESEL RANGE ORGANICS	0.5	U	MG/L
MWT19-01	WATER	TPHEXT	DIESEL RANGE ORGANICS	0.5	U	MG/L
MWT19-01	WATER	TPHEXT	JP5 RANGE ORGANICS	10.3	Y	MG/L
MWT19-01	WATER	TPHEXT	JP5 RANGE ORGANICS	10.3	Y	MG/L
MWT19-01	WATER	TPHEXT	MOTOR OIL RANGE ORGANICS	0.6	U	MG/L
MWT19-01	WATER	TPHEXT	MOTOR OIL RANGE ORGANICS	0.6	U	MG/L
MWT19-01	WATER	TPHEXT	TPH - BUNKER FUEL (C10-C28)	0.5	U	MG/L
MWT19-01	WATER	TPHEXT	TPH - BUNKER FUEL (C10-C28)	0.5	U	MG/L
MWT19-01	WATER	TPHEXT	TPH - DIESEL F-76 (C8-C28)	0.5	U	MG/L
MWT19-01	WATER	TPHEXT	TPH - DIESEL F-76 (C8-C28)	0.5	U	MG/L
MWT19-01	WATER	TPHPRG	GASOLINE RANGE ORGANICS	2.37	Y	MG/L
MWT19-01	WATER	TPHPRG	GASOLINE RANGE ORGANICS	2.37	Y	MG/L

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GROUNDWATER ANALYTICAL RESULTS FOR USTs AND DRAINAGE AREA WELLS

SAMPLE ID	SAMPLE MEDIA	ANALYTE GROUP	ANALYTE	CONCENTRATION	QUALIFER	UNITS
MWTB-01(29.0)	WATER	PAH	1-METHYLNAPHTHALENE	26		UG/L
MWTB-01(29.0)	WATER	PAH	1-METHYLNAPHTHALENE	26		UG/L
MWTB-01(29.0)	WATER	PAH	2-METHYLNAPHTHALENE	10	U	UG/L
MWTB-01(29.0)	WATER	PAH	2-METHYLNAPHTHALENE	10	U	UG/L
MWTB-01(29.0)	WATER	PAH	ACENAPHTHENE	50	U	UG/L
MWTB-01(29.0)	WATER	PAH	ACENAPHTHENE	50	U	UG/L
MWTB-01(29.0)	WATER	PAH	ACENAPHTHYLENE	20	U	UG/L
MWTB-01(29.0)	WATER	PAH	ACENAPHTHYLENE	20	U	UG/L
MWTB-01(29.0)	WATER	PAH	ANTHRACENE	2	U	UG/L
MWTB-01(29.0)	WATER	PAH	ANTHRACENE	2	U	UG/L
MWTB-01(29.0)	WATER	PAH	BENZO(A)ANTHRACENE	0.3	J	UG/L
MWTB-01(29.0)	WATER	PAH	BENZO(A)ANTHRACENE	0.3	J	UG/L
MWTB-01(29.0)	WATER	PAH	BENZO(A)PYRENE	2	U	UG/L
MWTB-01(29.0)	WATER	PAH	BENZO(A)PYRENE	2	U	UG/L
MWTB-01(29.0)	WATER	PAH	BENZO(B)FLUORANTHENE	2	U	UG/L
MWTB-01(29.0)	WATER	PAH	BENZO(B)FLUORANTHENE	2	U	UG/L
MWTB-01(29.0)	WATER	PAH	BENZO(G,H,I)PERYLENE	2	U	UG/L
MWTB-01(29.0)	WATER	PAH	BENZO(G,H,I)PERYLENE	2	U	UG/L
MWTB-01(29.0)	WATER	PAH	BENZO(K)FLUORANTHENE	2	U	UG/L
MWTB-01(29.0)	WATER	PAH	BENZO(K)FLUORANTHENE	2	U	UG/L
MWTB-01(29.0)	WATER	PAH	CHRYSENE	2	U	UG/L
MWTB-01(29.0)	WATER	PAH	CHRYSENE	2	U	UG/L
MWTB-01(29.0)	WATER	PAH	DIBENZO(A,H)ANTHRACENE	5	U	UG/L
MWTB-01(29.0)	WATER	PAH	DIBENZO(A,H)ANTHRACENE	5	U	UG/L
MWTB-01(29.0)	WATER	PAH	FLUORANTHENE	2	U	UG/L
MWTB-01(29.0)	WATER	PAH	FLUORANTHENE	2	U	UG/L
MWTB-01(29.0)	WATER	PAH	FLUORENE	3	J	UG/L
MWTB-01(29.0)	WATER	PAH	FLUORENE	3	J	UG/L
MWTB-01(29.0)	WATER	PAH	INDENO(1,2,3-CD)PYRENE	2	U	UG/L
MWTB-01(29.0)	WATER	PAH	INDENO(1,2,3-CD)PYRENE	2	U	UG/L
MWTB-01(29.0)	WATER	PAH	NAPHTHALENE	50	U	UG/L
MWTB-01(29.0)	WATER	PAH	NAPHTHALENE	50	U	UG/L

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GROUNDWATER ANALYTICAL RESULTS FOR USTs AND DRAINAGE AREA WELLS

SAMPLE ID	SAMPLE MEDIA	ANALYTE GROUP	ANALYTE	CONCENTRATION	QUALIFER	UNITS
MWTB-01(29.0)	WATER	PAH	PHENANTHRENE	3	J	UG/L
MWTB-01(29.0)	WATER	PAH	PHENANTHRENE	3	J	UG/L
MWTB-01(29.0)	WATER	PAH	PYRENE	2	U	UG/L
MWTB-01(29.0)	WATER	PAH	PYRENE	2	U	UG/L
MWTB-01(29.0)	WATER	TPHEXT	DIESEL RANGE ORGANICS	5.93	Y	MG/L
MWTB-01(29.0)	WATER	TPHEXT	DIESEL RANGE ORGANICS	5.93	Y	MG/L
MWTB-01(29.0)	WATER	TPHEXT	JP5 RANGE ORGANICS	0.1	U	MG/L
MWTB-01(29.0)	WATER	TPHEXT	JP5 RANGE ORGANICS	0.1	U	MG/L
MWTB-01(29.0)	WATER	TPHEXT	MOTOR OIL RANGE ORGANICS	0.1	U	MG/L
MWTB-01(29.0)	WATER	TPHEXT	MOTOR OIL RANGE ORGANICS	0.1	U	MG/L
MWTB-01(29.0)	WATER	TPHPRG	GASOLINE RANGE ORGANICS	1.59	Z	MG/L
MWTB-01(29.0)	WATER	TPHPRG	GASOLINE RANGE ORGANICS	1.59	Z	MG/L
MWTB-02	WATER	AROMV	BENZENE	0.5	U	UG/L
MWTB-02	WATER	AROMV	BENZENE	0.5	U	UG/L
MWTB-02	WATER	AROMV	ETHYLBENZENE	0.5	U	UG/L
MWTB-02	WATER	AROMV	ETHYLBENZENE	0.5	U	UG/L
MWTB-02	WATER	AROMV	TOLUENE	0.5		UG/L
MWTB-02	WATER	AROMV	TOLUENE	0.5		UG/L
MWTB-02	WATER	AROMV	XYLENE (TOTAL)	1	U	UG/L
MWTB-02	WATER	AROMV	XYLENE (TOTAL)	1	U	UG/L
MWTB-02	WATER	PAH	1-METHYLNAPHTHALENE	5	U	UG/L
MWTB-02	WATER	PAH	1-METHYLNAPHTHALENE	5	U	UG/L
MWTB-02	WATER	PAH	2-METHYLNAPHTHALENE	5	U	UG/L
MWTB-02	WATER	PAH	2-METHYLNAPHTHALENE	5	U	UG/L
MWTB-02	WATER	PAH	ACENAPHTHENE	25	U	UG/L
MWTB-02	WATER	PAH	ACENAPHTHENE	25	U	UG/L
MWTB-02	WATER	PAH	ACENAPHTHYLENE	10	U	UG/L
MWTB-02	WATER	PAH	ACENAPHTHYLENE	10	U	UG/L
MWTB-02	WATER	PAH	ANTHRACENE	1	U	UG/L
MWTB-02	WATER	PAH	ANTHRACENE	1	U	UG/L
MWTB-02	WATER	PAH	BENZO(A)ANTHRACENE	0.6	J	UG/L
MWTB-02	WATER	PAH	BENZO(A)ANTHRACENE	0.6	J	UG/L

TABLE D-4
NFD POINT MOLATE
PHASE I CHARACTERIZATION OF USTs AND FUEL PIPELINES
INTERIM SUMMARY MEMORANDUM
GROUNDWATER ANALYTICAL RESULTS FOR USTs AND DRAINAGE AREA WELLS

SAMPLE ID	SAMPLE MEDIA	ANALYTE GROUP	ANALYTE	CONCENTRATION	QUALIFER	UNITS
MWTB-02	WATER	PAH	BENZO(A)PYRENE	1	U	UG/L
MWTB-02	WATER	PAH	BENZO(A)PYRENE	1	U	UG/L
MWTB-02	WATER	PAH	BENZO(B)FLUORANTHENE	1	U	UG/L
MWTB-02	WATER	PAH	BENZO(B)FLUORANTHENE	1	U	UG/L
MWTB-02	WATER	PAH	BENZO(G,H,I)PERYLENE	1	U	UG/L
MWTB-02	WATER	PAH	BENZO(G,H,I)PERYLENE	1	U	UG/L
MWTB-02	WATER	PAH	BENZO(K)FLUORANTHENE	1	U	UG/L
MWTB-02	WATER	PAH	BENZO(K)FLUORANTHENE	1	U	UG/L
MWTB-02	WATER	PAH	CHRYSENE	0.8	J	UG/L
MWTB-02	WATER	PAH	CHRYSENE	0.8	J	UG/L
MWTB-02	WATER	PAH	DIBENZO(A,H)ANTHRACENE	2.5	U	UG/L
MWTB-02	WATER	PAH	DIBENZO(A,H)ANTHRACENE	2.5	U	UG/L
MWTB-02	WATER	PAH	FLUORANTHENE	2		UG/L
MWTB-02	WATER	PAH	FLUORANTHENE	2		UG/L
MWTB-02	WATER	PAH	FLUORENE	5	U	UG/L
MWTB-02	WATER	PAH	FLUORENE	5	U	UG/L
MWTB-02	WATER	PAH	INDENO(1,2,3-CD)PYRENE	1	U	UG/L
MWTB-02	WATER	PAH	INDENO(1,2,3-CD)PYRENE	1	U	UG/L
MWTB-02	WATER	PAH	NAPHTHALENE	25	U	UG/L
MWTB-02	WATER	PAH	NAPHTHALENE	25	U	UG/L
MWTB-02	WATER	PAH	PHENANTHRENE	5	U	UG/L
MWTB-02	WATER	PAH	PHENANTHRENE	5	U	UG/L
MWTB-02	WATER	PAH	PYRENE	2.4		UG/L
MWTB-02	WATER	PAH	PYRENE	2.4		UG/L
MWTB-02	WATER	TPHEXT	DIESEL RANGE ORGANICS	5.59	Y	MG/L
MWTB-02	WATER	TPHEXT	DIESEL RANGE ORGANICS	5.59	Y	MG/L
MWTB-02	WATER	TPHEXT	JP5 RANGE ORGANICS	0.1	U	MG/L
MWTB-02	WATER	TPHEXT	JP5 RANGE ORGANICS	0.1	U	MG/L
MWTB-02	WATER	TPHEXT	MOTOR OIL RANGE ORGANICS	0.12	U	MG/L
MWTB-02	WATER	TPHEXT	MOTOR OIL RANGE ORGANICS	0.12	U	MG/L
MWTB-02	WATER	TPHEXT	TPH - BUNKER FUEL (C10-C28)	0.1	U	MG/L
MWTB-02	WATER	TPHEXT	TPH - BUNKER FUEL (C10-C28)	0.1	U	MG/L

TABLE D-4
NFD POINT MOLATE
PHASE I CHARACTERIZATION OF USTs AND FUEL PIPELINES
INTERIM SUMMARY MEMORANDUM
GROUNDWATER ANALYTICAL RESULTS FOR USTs AND DRAINAGE AREA WELLS

SAMPLE ID	SAMPLE MEDIA	ANALYTE GROUP	ANALYTE	CONCENTRATION	QUALIFER	UNITS
MWTB-02	WATER	TPHEXT	TPH - DIESEL F-76 (C8-C28)	0.1	U	MG/L
MWTB-02	WATER	TPHEXT	TPH - DIESEL F-76 (C8-C28)	0.1	U	MG/L
MWTB-02	WATER	TPHPRG	GASOLINE RANGE ORGANICS	1.53	Z	MG/L
MWTB-02	WATER	TPHPRG	GASOLINE RANGE ORGANICS	1.53	Z	MG/L
MWTB-12	WATER	AROMV	BENZENE	0.5	U	UG/L
MWTB-12	WATER	AROMV	BENZENE	0.5	U	UG/L
MWTB-12	WATER	AROMV	ETHYLBENZENE	0.5	U	UG/L
MWTB-12	WATER	AROMV	ETHYLBENZENE	0.5	U	UG/L
MWTB-12	WATER	AROMV	TOLUENE	0.8		UG/L
MWTB-12	WATER	AROMV	TOLUENE	0.8		UG/L
MWTB-12	WATER	AROMV	XYLENE (TOTAL)	1	U	UG/L
MWTB-12	WATER	AROMV	XYLENE (TOTAL)	1	U	UG/L
MWTB-12	WATER	PAH	1-METHYLNAPHTHALENE	5	U	UG/L
MWTB-12	WATER	PAH	1-METHYLNAPHTHALENE	5	U	UG/L
MWTB-12	WATER	PAH	2-METHYLNAPHTHALENE	5	U	UG/L
MWTB-12	WATER	PAH	2-METHYLNAPHTHALENE	5	U	UG/L
MWTB-12	WATER	PAH	ACENAPHTHENE	25	U	UG/L
MWTB-12	WATER	PAH	ACENAPHTHENE	25	U	UG/L
MWTB-12	WATER	PAH	ACENAPHTHYLENE	10	U	UG/L
MWTB-12	WATER	PAH	ACENAPHTHYLENE	10	U	UG/L
MWTB-12	WATER	PAH	ANTHRACENE	1	U	UG/L
MWTB-12	WATER	PAH	ANTHRACENE	1	U	UG/L
MWTB-12	WATER	PAH	BENZO(A)ANTHRACENE	1	U	UG/L
MWTB-12	WATER	PAH	BENZO(A)ANTHRACENE	1	U	UG/L
MWTB-12	WATER	PAH	BENZO(A)PYRENE	1	U	UG/L
MWTB-12	WATER	PAH	BENZO(A)PYRENE	1	U	UG/L
MWTB-12	WATER	PAH	BENZO(B)FLUORANTHENE	1	U	UG/L
MWTB-12	WATER	PAH	BENZO(B)FLUORANTHENE	1	U	UG/L
MWTB-12	WATER	PAH	BENZO(G,H,I)PERYLENE	1	U	UG/L
MWTB-12	WATER	PAH	BENZO(G,H,I)PERYLENE	1	U	UG/L
MWTB-12	WATER	PAH	BENZO(K)FLUORANTHENE	1	U	UG/L
MWTB-12	WATER	PAH	BENZO(K)FLUORANTHENE	1	U	UG/L

TABLE D-4
NFD POINT MOLATE
PHASE I CHARACTERIZATION OF USTs AND FUEL PIPELINES
INTERIM SUMMARY MEMORANDUM
GROUNDWATER ANALYTICAL RESULTS FOR USTs AND DRAINAGE AREA WELLS

SAMPLE ID	SAMPLE MEDIA	ANALYTE GROUP	ANALYTE	CONCENTRATION	QUALIFER	UNITS
MWTB-12	WATER	PAH	CHRYSENE	0.6	J	UG/L
MWTB-12	WATER	PAH	CHRYSENE	0.6	J	UG/L
MWTB-12	WATER	PAH	DIBENZO(A,H)ANTHRACENE	2.5	U	UG/L
MWTB-12	WATER	PAH	DIBENZO(A,H)ANTHRACENE	2.5	U	UG/L
MWTB-12	WATER	PAH	FLUORANTHENE	1		UG/L
MWTB-12	WATER	PAH	FLUORANTHENE	1		UG/L
MWTB-12	WATER	PAH	FLUORENE	5	U	UG/L
MWTB-12	WATER	PAH	FLUORENE	5	U	UG/L
MWTB-12	WATER	PAH	INDENO(1,2,3-CD)PYRENE	1	U	UG/L
MWTB-12	WATER	PAH	INDENO(1,2,3-CD)PYRENE	1	U	UG/L
MWTB-12	WATER	PAH	NAPHTHALENE	25	U	UG/L
MWTB-12	WATER	PAH	NAPHTHALENE	25	U	UG/L
MWTB-12	WATER	PAH	PHENANTHRENE	5	U	UG/L
MWTB-12	WATER	PAH	PHENANTHRENE	5	U	UG/L
MWTB-12	WATER	PAH	PYRENE	2		UG/L
MWTB-12	WATER	PAH	PYRENE	2		UG/L
MWTB-12	WATER	TPHEXT	DIESEL RANGE ORGANICS	5.77	Y	MG/L
MWTB-12	WATER	TPHEXT	DIESEL RANGE ORGANICS	5.77	Y	MG/L
MWTB-12	WATER	TPHEXT	JP5 RANGE ORGANICS	0.1	U	MG/L
MWTB-12	WATER	TPHEXT	JP5 RANGE ORGANICS	0.1	U	MG/L
MWTB-12	WATER	TPHEXT	MOTOR OIL RANGE ORGANICS	0.12	U	MG/L
MWTB-12	WATER	TPHEXT	MOTOR OIL RANGE ORGANICS	0.12	U	MG/L
MWTB-12	WATER	TPHEXT	TPH - BUNKER FUEL (C10-C28)	0.1	U	MG/L
MWTB-12	WATER	TPHEXT	TPH - BUNKER FUEL (C10-C28)	0.1	U	MG/L
MWTB-12	WATER	TPHEXT	TPH - DIESEL F-76 (C8-C28)	0.1	U	MG/L
MWTB-12	WATER	TPHEXT	TPH - DIESEL F-76 (C8-C28)	0.1	U	MG/L
MWTB-12	WATER	TPHPRG	GASOLINE RANGE ORGANICS	1.21	Z	MG/L
MWTB-12	WATER	TPHPRG	GASOLINE RANGE ORGANICS	1.21	Z	MG/L
MWTC-01	WATER	AROMV	BENZENE	0.5	U	UG/L
MWTC-01	WATER	AROMV	BENZENE	0.5	U	UG/L
MWTC-01	WATER	AROMV	ETHYLBENZENE	0.5	U	UG/L
MWTC-01	WATER	AROMV	ETHYLBENZENE	0.5	U	UG/L

TABLE D-4
NFD POINT MOLATE
PHASE I CHARACTERIZATION OF USTs AND FUEL PIPELINES
INTERIM SUMMARY MEMORANDUM
GROUNDWATER ANALYTICAL RESULTS FOR USTs AND DRAINAGE AREA WELLS

SAMPLE ID	SAMPLE MEDIA	ANALYTE GROUP	ANALYTE	CONCENTRATION	QUALIFER	UNITS
MWTC-01	WATER	AROMV	TOLUENE	0.5	U	UG/L
MWTC-01	WATER	AROMV	TOLUENE	0.5	U	UG/L
MWTC-01	WATER	AROMV	XYLENE (TOTAL)	1	U	UG/L
MWTC-01	WATER	AROMV	XYLENE (TOTAL)	1	U	UG/L
MWTC-01	WATER	PAH	1-METHYLNAPHTHALENE	8.2		UG/L
MWTC-01	WATER	PAH	1-METHYLNAPHTHALENE	8.2		UG/L
MWTC-01	WATER	PAH	2-METHYLNAPHTHALENE	2.6		UG/L
MWTC-01	WATER	PAH	2-METHYLNAPHTHALENE	2.6		UG/L
MWTC-01	WATER	PAH	ACENAPHTHENE	5	U	UG/L
MWTC-01	WATER	PAH	ACENAPHTHENE	5	U	UG/L
MWTC-01	WATER	PAH	ACENAPHTHYLENE	2	U	UG/L
MWTC-01	WATER	PAH	ACENAPHTHYLENE	2	U	UG/L
MWTC-01	WATER	PAH	ANTHRACENE	0.2	U	UG/L
MWTC-01	WATER	PAH	ANTHRACENE	0.2	U	UG/L
MWTC-01	WATER	PAH	BENZO(A)ANTHRACENE	0.4		UG/L
MWTC-01	WATER	PAH	BENZO(A)ANTHRACENE	0.4		UG/L
MWTC-01	WATER	PAH	BENZO(A)PYRENE	0.2	U	UG/L
MWTC-01	WATER	PAH	BENZO(A)PYRENE	0.2	U	UG/L
MWTC-01	WATER	PAH	BENZO(B)FLUORANTHENE	0.2	U	UG/L
MWTC-01	WATER	PAH	BENZO(B)FLUORANTHENE	0.2	U	UG/L
MWTC-01	WATER	PAH	BENZO(G,H,I)PERYLENE	0.2	U	UG/L
MWTC-01	WATER	PAH	BENZO(G,H,I)PERYLENE	0.2	U	UG/L
MWTC-01	WATER	PAH	BENZO(K)FLUORANTHENE	0.2	U	UG/L
MWTC-01	WATER	PAH	BENZO(K)FLUORANTHENE	0.2	U	UG/L
MWTC-01	WATER	PAH	CHRYSENE	0.2	U	UG/L
MWTC-01	WATER	PAH	CHRYSENE	0.2	U	UG/L
MWTC-01	WATER	PAH	DIBENZO(A,H)ANTHRACENE	0.5	U	UG/L
MWTC-01	WATER	PAH	DIBENZO(A,H)ANTHRACENE	0.5	U	UG/L
MWTC-01	WATER	PAH	FLUORANTHENE	0.2	U	UG/L
MWTC-01	WATER	PAH	FLUORANTHENE	0.2	U	UG/L
MWTC-01	WATER	PAH	FLUORENE	1	U	UG/L
MWTC-01	WATER	PAH	FLUORENE	1	U	UG/L

TABLE D-4
NFD POINT MOLATE
PHASE I CHARACTERIZATION OF USTs AND FUEL PIPELINES
INTERIM SUMMARY MEMORANDUM
GROUNDWATER ANALYTICAL RESULTS FOR USTs AND DRAINAGE AREA WELLS

SAMPLE ID	SAMPLE MEDIA	ANALYTE GROUP	ANALYTE	CONCENTRATION	QUALIFER	UNITS
MWTC-01	WATER	PAH	INDENO(1,2,3-CD)PYRENE	0.2	U	UG/L
MWTC-01	WATER	PAH	INDENO(1,2,3-CD)PYRENE	0.2	U	UG/L
MWTC-01	WATER	PAH	NAPHTHALENE	5	U	UG/L
MWTC-01	WATER	PAH	NAPHTHALENE	5	U	UG/L
MWTC-01	WATER	PAH	PHENANTHRENE	1	U	UG/L
MWTC-01	WATER	PAH	PHENANTHRENE	1	U	UG/L
MWTC-01	WATER	PAH	PYRENE	0.47		UG/L
MWTC-01	WATER	PAH	PYRENE	0.47		UG/L
MWTC-01	WATER	TPHEXT	DIESEL RANGE ORGANICS	1.4	Y	MG/L
MWTC-01	WATER	TPHEXT	DIESEL RANGE ORGANICS	1.4	Y	MG/L
MWTC-01	WATER	TPHEXT	JP5 RANGE ORGANICS	0.1	U	MG/L
MWTC-01	WATER	TPHEXT	JP5 RANGE ORGANICS	0.1	U	MG/L
MWTC-01	WATER	TPHEXT	MOTOR OIL RANGE ORGANICS	0.12	U	MG/L
MWTC-01	WATER	TPHEXT	MOTOR OIL RANGE ORGANICS	0.12	U	MG/L
MWTC-01	WATER	TPHEXT	TPH - BUNKER FUEL (C10-C28)	0.1	U	MG/L
MWTC-01	WATER	TPHEXT	TPH - BUNKER FUEL (C10-C28)	0.1	U	MG/L
MWTC-01	WATER	TPHEXT	TPH - DIESEL F-76 (C8-C28)	0.1	U	MG/L
MWTC-01	WATER	TPHEXT	TPH - DIESEL F-76 (C8-C28)	0.1	U	MG/L
MWTC-01	WATER	TPHPRG	GASOLINE RANGE ORGANICS	0.44	Z	MG/L
MWTC-01	WATER	TPHPRG	GASOLINE RANGE ORGANICS	0.44	Z	MG/L

Notes:

MWT03-11 is a blind duplicate sample of MWT03-01.
MWT06-12 is a blind duplicate sample of MWT06-02.
MWTB-12 is a blind duplicate sample of MWTB-02.
J = Less than reporting limit (RL) but greater than MDL, or estimated result
U = Not detected or less than method dection limit (MDL)
Y = The chromatograph response did not resemble a typical fuel pattern
Z = No fuel pattern (individual peaks only)

mg/L	Milligrams per liter
µg/L	Micrograms per liter
AromV	Aromatic volatile analysis
PAH	Polynuclear aromatic hydrocarbon
SVOC	Semivolatile organic compound
TPHEXT	Total petroleum hydrocarbon-extractable
TPHPRG	Total petroleum hydrocarbon-purgeable

PLATES

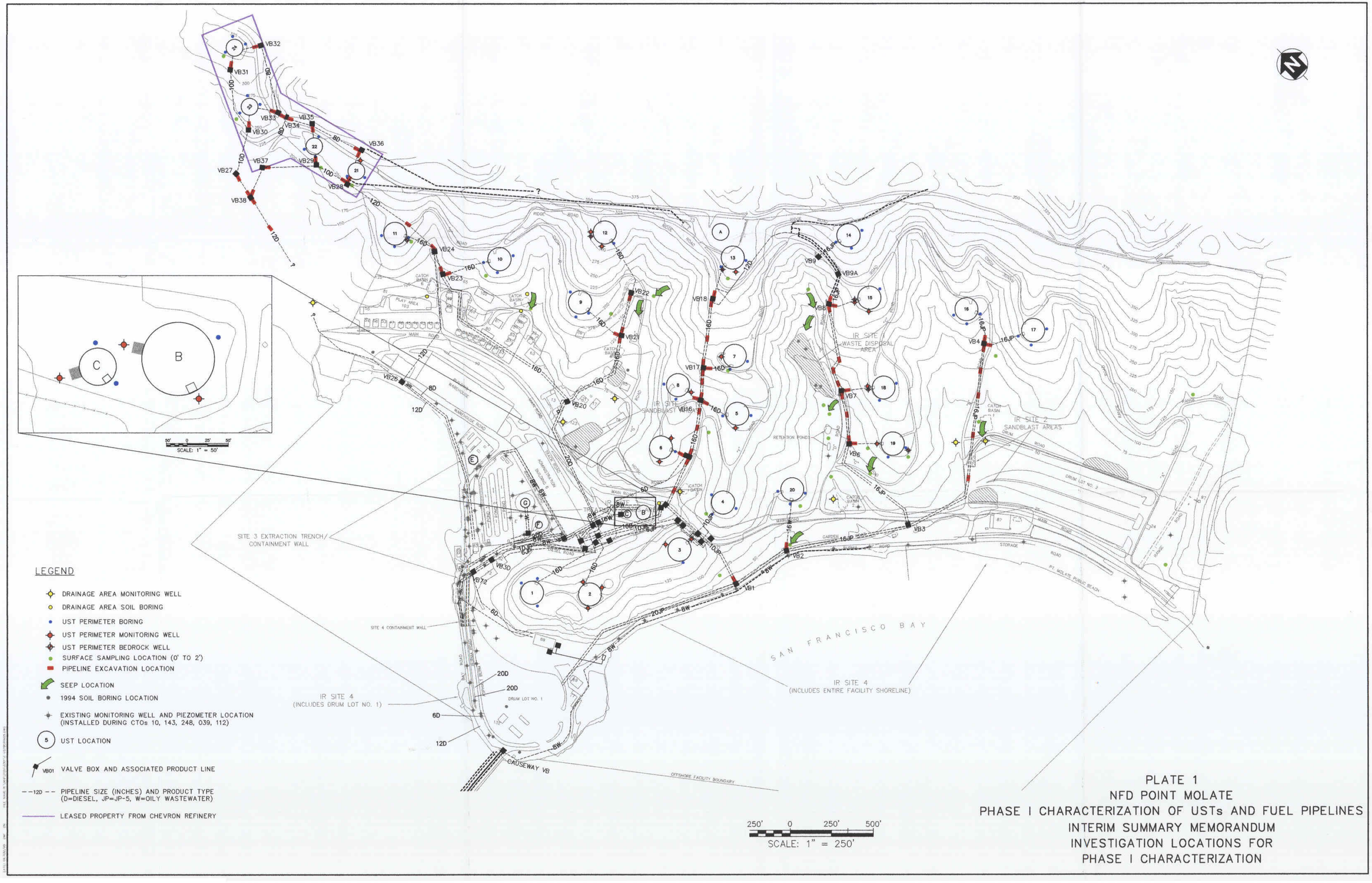
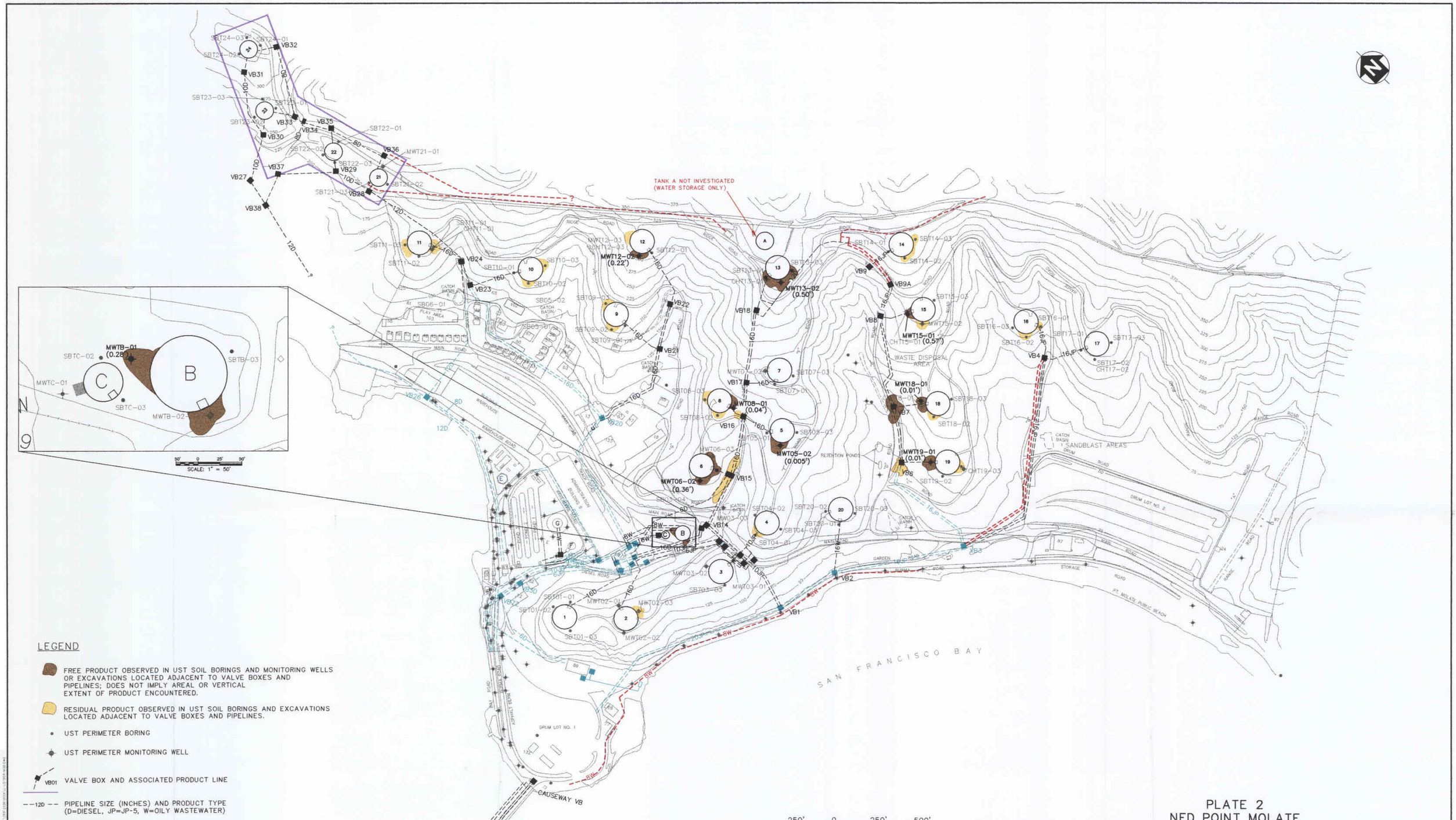


PLATE 1
NFD POINT MOLATE
PHASE I CHARACTERIZATION OF USTs AND FUEL PIPELINES
INTERIM SUMMARY MEMORANDUM
INVESTIGATION LOCATIONS FOR
PHASE I CHARACTERIZATION



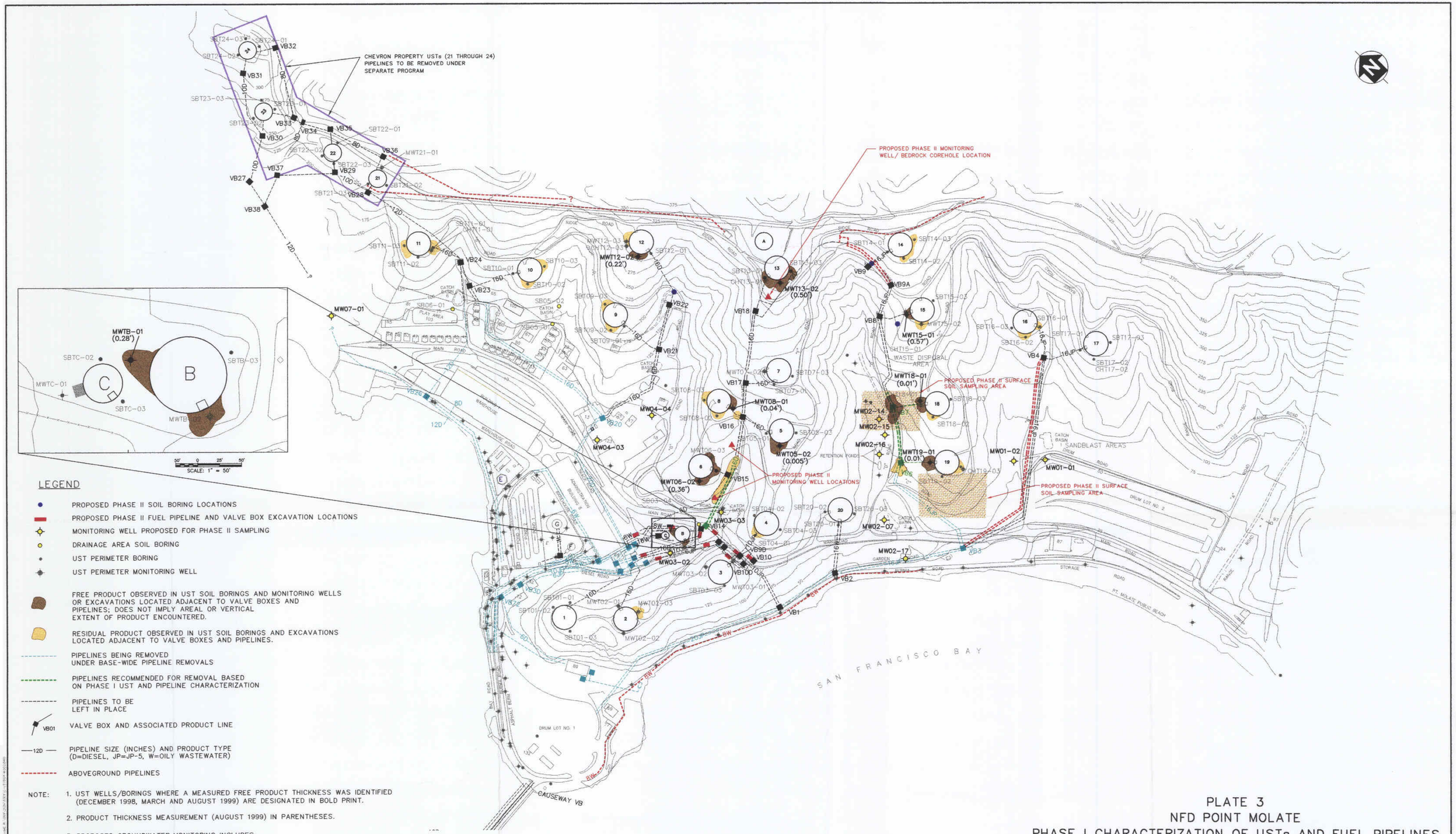
LEGEND

- FREE PRODUCT OBSERVED IN UST SOIL BORINGS AND MONITORING WELLS OR EXCAVATIONS LOCATED ADJACENT TO VALVE BOXES AND PIPELINES; DOES NOT IMPLY AREAL OR VERTICAL EXTENT OF PRODUCT ENCOUNTERED.
- RESIDUAL PRODUCT OBSERVED IN UST SOIL BORINGS AND EXCAVATIONS LOCATED ADJACENT TO VALVE BOXES AND PIPELINES.
- UST PERIMETER BORING
- UST PERIMETER MONITORING WELL
- VB01 VALVE BOX AND ASSOCIATED PRODUCT LINE
- --12D -- PIPELINE SIZE (INCHES) AND PRODUCT TYPE (D=DIESEL, JP=JP-5, W=OILY WASTEWATER)
- ABOVEGROUND PIPELINES
- PIPELINES BEING REMOVED UNDER BASEWIDE PIPELINE REMOVALS

NOTE: 1. UST WELLS/BORINGS WHERE A MEASURED FREE PRODUCT THICKNESS WAS IDENTIFIED ARE DESIGNATED IN BOLD PRINT.

2. (PRODUCT THICKNESS MEASUREMENT FROM AUGUST, 1999 IN PARENTHESES)

PLATE 2
NFD POINT MOLATE
PHASE I CHARACTERIZATION OF USTs AND FUEL PIPELINES
INTERIM SUMMARY MEMORANDUM
FREE PRODUCT / RESIDUAL PRODUCT
OBSERVED DURING SUBSURFACE INVESTIGATION
AT USTs, VALVE BOXES, AND PIPELINES



LEGEND

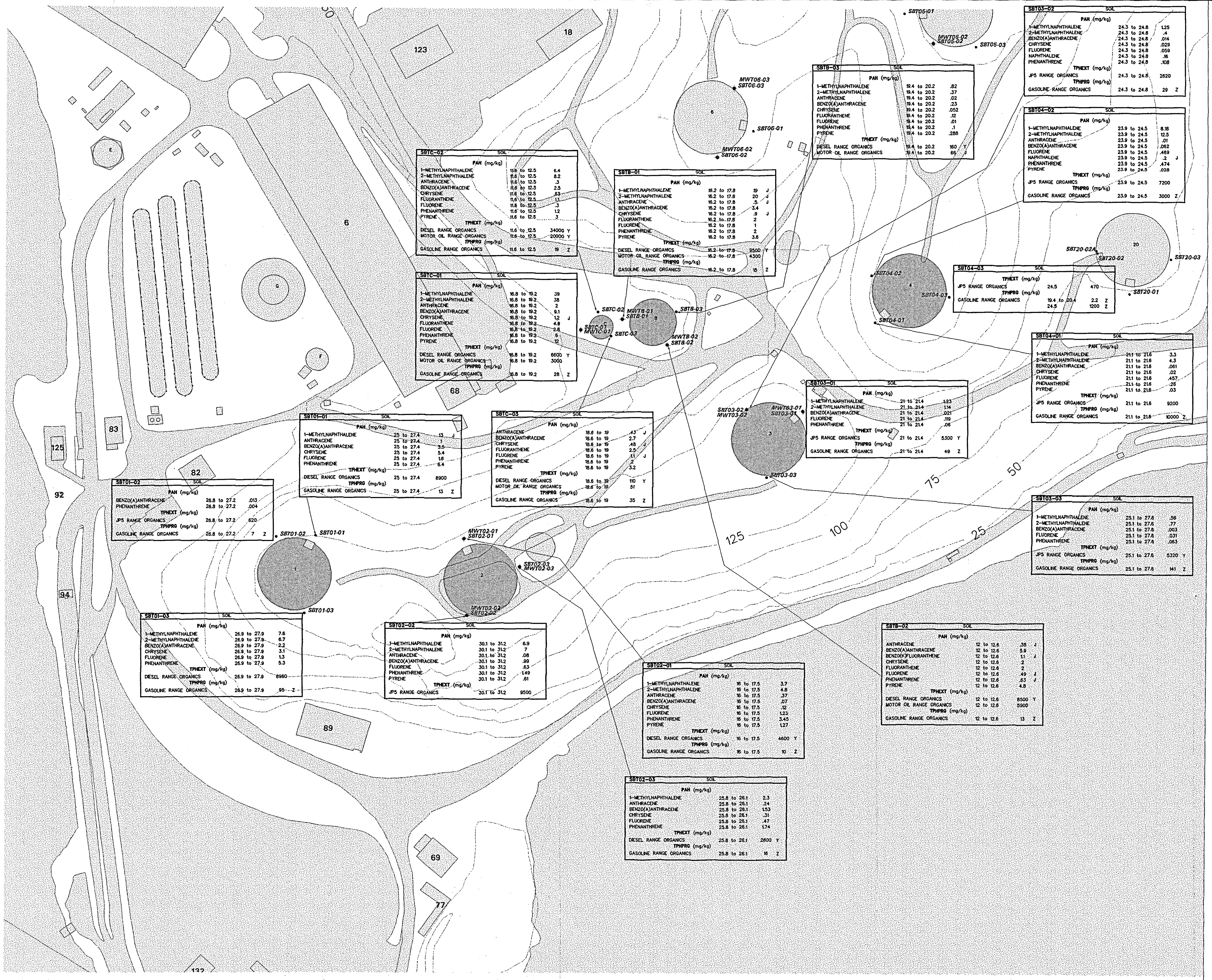
- PROPOSED PHASE II SOIL BORING LOCATIONS
- PROPOSED PHASE II FUEL PIPELINE AND VALVE BOX EXCAVATION LOCATIONS
- MONITORING WELL PROPOSED FOR PHASE II SAMPLING
- DRAINAGE AREA SOIL BORING
- UST PERIMETER BORING
- UST PERIMETER MONITORING WELL
- FREE PRODUCT OBSERVED IN UST SOIL BORINGS AND MONITORING WELLS OR EXCAVATIONS LOCATED ADJACENT TO VALVE BOXES AND PIPELINES; DOES NOT IMPLY AREAL OR VERTICAL EXTENT OF PRODUCT ENCOUNTERED.
- RESIDUAL PRODUCT OBSERVED IN UST SOIL BORINGS AND EXCAVATIONS LOCATED ADJACENT TO VALVE BOXES AND PIPELINES.
- PIPELINES BEING REMOVED UNDER BASE-WIDE PIPELINE REMOVALS
- PIPELINES RECOMMENDED FOR REMOVAL BASED ON PHASE I UST AND PIPELINE CHARACTERIZATION
- PIPELINES TO BE LEFT IN PLACE
- VB01 VALVE BOX AND ASSOCIATED PRODUCT LINE
- 12D PIPELINE SIZE (INCHES) AND PRODUCT TYPE (D=DIESEL, JP=JP-5, W=OILY WASTEWATER)
- ABOVEGROUND PIPELINES

NOTE:

1. UST WELLS/BORINGS WHERE A MEASURED FREE PRODUCT THICKNESS WAS IDENTIFIED (DECEMBER 1998, MARCH AND AUGUST 1999) ARE DESIGNATED IN BOLD PRINT.
2. PRODUCT THICKNESS MEASUREMENT (AUGUST 1999) IN PARENTHESES.
3. PROPOSED GROUNDWATER MONITORING INCLUDES:
   - MONTHLY WATER LEVEL AND FREE PRODUCT THICKNESS MEASUREMENTS AT ALL EXISTING UST PERIMETER MONITORING WELLS (INITIATED AUGUST 1999).
   - MONTHLY PRODUCT RECOVERY AT UST PERIMETER MONITORING WELLS.
   - QUARTERLY GROUNDWATER SAMPLING AT ALL UST PERIMETER MONITORING WELLS THAT DO NOT CONTAIN MEASURABLE FREE PRODUCT (INITIATED SEPTEMBER 1999).
   - QUARTERLY GROUNDWATER SAMPLING AT ALL DRAINAGE AREA MONITORING WELLS.

PLATE 3
NFD POINT MOLATE
PHASE I CHARACTERIZATION OF USTs AND FUEL PIPELINES
INTERIM SUMMARY MEMORANDUM
RECOMMENDED PHASE II ACTIVITIES/
REMOVAL ACTIONS AT USTs,
VALVE BOXES, AND PIPELINES

PLATE 4
NFD POINT MOLATE
CHARACTERIZATION OF USTs
AND FUEL PIPELINES
SUMMARY OF PHASE I ACTIVITIES
FACILITY-WIDE GROUNDWATER DISTRIBUTION



SBTC-02	SOIL		
PAH (mg/kg)			
1-METHYLNAPHTHALENE	11.6 to 12.5	6.4	
2-METHYLNAPHTHALENE	11.6 to 12.5	8.2	
ANTHRACENE	11.6 to 12.5	.3	
BENZO(A)ANTHRACENE	11.6 to 12.5	2.5	
CHRYSENE	11.6 to 12.5	.63	
FLUORANTHENE	11.6 to 12.5	1.1	
FLUORENE	11.6 to 12.5	.3	
PHENANTHRENE	11.6 to 12.5	1.2	
PYRENE	11.6 to 12.5	3	
TPHEXT (mg/kg)			
DIESEL RANGE ORGANICS	11.6 to 12.5	34000	Y
MOTOR OIL RANGE ORGANICS	11.6 to 12.5	20000	Y
TPHPRG (mg/kg)			
GASOLINE RANGE ORGANICS	11.6 to 12.5	19	Z

SBTC-01	SOIL		
PAH (mg/kg)			
1-METHYLNAPHTHALENE	16.8 to 19.2	39	
2-METHYLNAPHTHALENE	16.8 to 19.2	38	
ANTHRACENE	16.8 to 19.2	2	
BENZO(A)ANTHRACENE	16.8 to 19.2	9.1	
CHRYSENE	16.8 to 19.2	1.2	J
FLUORANTHENE	16.8 to 19.2	4.9	
FLUORENE	16.8 to 19.2	2.8	
PHENANTHRENE	16.8 to 19.2	6	
PYRENE	16.8 to 19.2	12	
TPHEXT (mg/kg)			
DIESEL RANGE ORGANICS	16.8 to 19.2	6600	Y
MOTOR OIL RANGE ORGANICS	16.8 to 19.2	3000	
TPHPRG (mg/kg)			
GASOLINE RANGE ORGANICS	16.8 to 19.2	28	Z

SBTB-01	SOIL		
PAH (mg/kg)			
1-METHYLNAPHTHALENE	16.2 to 17.8	19	J
2-METHYLNAPHTHALENE	16.2 to 17.8	20	J
ANTHRACENE	16.2 to 17.8	.5	J
BENZO(A)ANTHRACENE	16.2 to 17.8	3.4	
CHRYSENE	16.2 to 17.8	.9	J
FLUORANTHENE	16.2 to 17.8	2	
FLUORENE	16.2 to 17.8	1	
PHENANTHRENE	16.2 to 17.8	2	
PYRENE	16.2 to 17.8	3.6	
TPHEXT (mg/kg)			
DIESEL RANGE ORGANICS	16.2 to 17.8	9500	Y
MOTOR OIL RANGE ORGANICS	16.2 to 17.8	4300	
TPHPRG (mg/kg)			
GASOLINE RANGE ORGANICS	16.2 to 17.8	15	Z

SBTB-03	SOIL		
PAH (mg/kg)			
1-METHYLNAPHTHALENE	19.4 to 20.2	.82	
2-METHYLNAPHTHALENE	19.4 to 20.2	.37	
ANTHRACENE	19.4 to 20.2	.02	
BENZO(A)ANTHRACENE	19.4 to 20.2	.23	
CHRYSENE	19.4 to 20.2	.052	
FLUORANTHENE	19.4 to 20.2	.12	
FLUORENE	19.4 to 20.2	.01	
PHENANTHRENE	19.4 to 20.2	.1	
PYRENE	19.4 to 20.2	.288	
TPHEXT (mg/kg)			
DIESEL RANGE ORGANICS	19.4 to 20.2	160	Y
MOTOR OIL RANGE ORGANICS	19.4 to 20.2	66	J

SBT03-02	SOIL		
PAH (mg/kg)			
1-METHYLNAPHTHALENE	24.3 to 24.8	1.25	
2-METHYLNAPHTHALENE	24.3 to 24.8	.4	
BENZO(A)ANTHRACENE	24.3 to 24.8	.014	
CHRYSENE	24.3 to 24.8	.029	
FLUORENE	24.3 to 24.8	.059	
NAPHTHALENE	24.3 to 24.8	.16	
PHENANTHRENE	24.3 to 24.8	.108	
TPHEXT (mg/kg)			
JP5 RANGE ORGANICS	24.3 to 24.8	2620	
TPHPRG (mg/kg)			
GASOLINE RANGE ORGANICS	24.3 to 24.8	29	Z

SBT04-02	SOIL		
PAH (mg/kg)			
1-METHYLNAPHTHALENE	23.9 to 24.5	8.18	
2-METHYLNAPHTHALENE	23.9 to 24.5	12.5	
ANTHRACENE	23.9 to 24.5	.01	
BENZO(A)ANTHRACENE	23.9 to 24.5	.062	
FLUORENE	23.9 to 24.5	.469	
NAPHTHALENE	23.9 to 24.5	.2	J
PHENANTHRENE	23.9 to 24.5	.474	
PYRENE	23.9 to 24.5	.028	
TPHEXT (mg/kg)			
JP5 RANGE ORGANICS	23.9 to 24.5	7200	
TPHPRG (mg/kg)			
GASOLINE RANGE ORGANICS	23.9 to 24.5	3000	Z

SBT04-03	SOIL		
TPHEXT (mg/kg)			
JP5 RANGE ORGANICS	24.5	470	
TPHPRG (mg/kg)			
GASOLINE RANGE ORGANICS	19.4 to 20.4	2.2	Z
	24.5	1200	Z

SBT04-01	SOIL		
PAH (mg/kg)			
1-METHYLNAPHTHALENE	21.1 to 21.6	3.3	
2-METHYLNAPHTHALENE	21.1 to 21.6	4.3	
BENZO(A)ANTHRACENE	21.1 to 21.6	.061	
CHRYSENE	21.1 to 21.6	.02	
FLUORENE	21.1 to 21.6	.457	
PHENANTHRENE	21.1 to 21.6	.26	
PYRENE	21.1 to 21.6	.03	
TPHEXT (mg/kg)			
JP5 RANGE ORGANICS	21.1 to 21.6	9200	
TPHPRG (mg/kg)			
GASOLINE RANGE ORGANICS	21.1 to 21.6	10000	Z

SBT03-01	SOIL		
PAH (mg/kg)			
1-METHYLNAPHTHALENE	21 to 21.4	1.23	
2-METHYLNAPHTHALENE	21 to 21.4	1.14	
BENZO(A)ANTHRACENE	21 to 21.4	.021	
FLUORENE	21 to 21.4	.119	
PHENANTHRENE	21 to 21.4	.06	
TPHEXT (mg/kg)			
JP5 RANGE ORGANICS	21 to 21.4	5300	Y
TPHPRG (mg/kg)			
GASOLINE RANGE ORGANICS	21 to 21.4	49	Z

SBT01-01	SOIL		
PAH (mg/kg)			
1-METHYLNAPHTHALENE	25 to 27.4	13	J
ANTHRACENE	25 to 27.4	1	
BENZO(A)ANTHRACENE	25 to 27.4	3.5	
CHRYSENE	25 to 27.4	5.4	
FLUORENE	25 to 27.4	1.6	
PHENANTHRENE	25 to 27.4	6.4	
TPHEXT (mg/kg)			
DIESEL RANGE ORGANICS	25 to 27.4	8900	
TPHPRG (mg/kg)			
GASOLINE RANGE ORGANICS	25 to 27.4	13	Z

SBTC-03	SOIL		
PAH (mg/kg)			
ANTHRACENE	18.6 to 19	.43	J
BENZO(A)ANTHRACENE	18.6 to 19	2.7	
CHRYSENE	18.6 to 19	.48	J
FLUORANTHENE	18.6 to 19	2.5	
FLUORENE	18.6 to 19	1.1	J
PHENANTHRENE	18.6 to 19	2	
PYRENE	18.6 to 19	3.2	
TPHEXT (mg/kg)			
DIESEL RANGE ORGANICS	18.6 to 19	110	Y
MOTOR OIL RANGE ORGANICS	18.6 to 19	51	
TPHPRG (mg/kg)			
GASOLINE RANGE ORGANICS	18.6 to 19	35	Z

SBT01-02	SOIL		
PAH (mg/kg)			
BENZO(A)ANTHRACENE	26.8 to 27.2	.013	
PHENANTHRENE	26.8 to 27.2	.004	
TPHEXT (mg/kg)			
JP5 RANGE ORGANICS	26.8 to 27.2	620	
TPHPRG (mg/kg)			
GASOLINE RANGE ORGANICS	26.8 to 27.2	7	Z

SBT03-03	SOIL		
PAH (mg/kg)			
1-METHYLNAPHTHALENE	25.1 to 27.6	.56	
2-METHYLNAPHTHALENE	25.1 to 27.6	.77	
BENZO(A)ANTHRACENE	25.1 to 27.6	.003	
FLUORENE	25.1 to 27.6	.031	
PHENANTHRENE	25.1 to 27.6	.063	
TPHEXT (mg/kg)			
JP5 RANGE ORGANICS	25.1 to 27.6	5320	Y
TPHPRG (mg/kg)			
GASOLINE RANGE ORGANICS	25.1 to 27.6	141	Z

SBT01-03	SOIL		
PAH (mg/kg)			
1-METHYLNAPHTHALENE	26.9 to 27.9	7.6	
2-METHYLNAPHTHALENE	26.9 to 27.9	6.7	
BENZO(A)ANTHRACENE	26.9 to 27.9	2.2	
CHRYSENE	26.9 to 27.9	3.1	
FLUORENE	26.9 to 27.9	1.3	
PHENANTHRENE	26.9 to 27.9	5.3	
TPHEXT (mg/kg)			
DIESEL RANGE ORGANICS	26.9 to 27.9	8960	
TPHPRG (mg/kg)			
GASOLINE RANGE ORGANICS	26.9 to 27.9	95	Z

SBT02-02	SOIL		
PAH (mg/kg)			
1-METHYLNAPHTHALENE	30.1 to 31.2	6.9	
2-METHYLNAPHTHALENE	30.1 to 31.2	7	
ANTHRACENE	30.1 to 31.2	.08	
BENZO(A)ANTHRACENE	30.1 to 31.2	.99	
FLUORENE	30.1 to 31.2	.63	
PHENANTHRENE	30.1 to 31.2	1.49	
PYRENE	30.1 to 31.2	.61	
TPHEXT (mg/kg)			
JP5 RANGE ORGANICS	30.1 to 31.2	9500	

SBTB-02	SOIL		
PAH (mg/kg)			
ANTHRACENE	12 to 12.6	.38	J
BENZO(A)ANTHRACENE	12 to 12.6	5.9	
BENZO(K)FLUORANTHENE	12 to 12.6	1.1	J
CHRYSENE	12 to 12.6	2	
FLUORANTHENE	12 to 12.6	2	
FLUORENE	12 to 12.6	.49	J
PHENANTHRENE	12 to 12.6	.63	J
PYRENE	12 to 12.6	4.8	
TPHEXT (mg/kg)			
DIESEL RANGE ORGANICS	12 to 12.6	8500	Y
MOTOR OIL RANGE ORGANICS	12 to 12.6	5900	
TPHPRG (mg/kg)			
GASOLINE RANGE ORGANICS	12 to 12.6	13	Z

SBT02-01	SOIL		
PAH (mg/kg)			
1-METHYLNAPHTHALENE	16 to 17.5	3.7	
2-METHYLNAPHTHALENE	16 to 17.5	4.8	
ANTHRACENE	16 to 17.5	.37	
BENZO(A)ANTHRACENE	16 to 17.5	.07	
CHRYSENE	16 to 17.5	.12	
FLUORENE	16 to 17.5	1.23	
PHENANTHRENE	16 to 17.5	3.45	
PYRENE	16 to 17.5	1.27	
TPHEXT (mg/kg)			
DIESEL RANGE ORGANICS	16 to 17.5	4600	Y
TPHPRG (mg/kg)			
GASOLINE RANGE ORGANICS	16 to 17.5	10	Z

SBT02-03	SOIL		
PAH (mg/kg)			
1-METHYLNAPHTHALENE	25.8 to 26.1	2.3	
ANTHRACENE	25.8 to 26.1	.24	
BENZO(A)ANTHRACENE	25.8 to 26.1	1.53	
CHRYSENE	25.8 to 26.1	.31	
FLUORENE	25.8 to 26.1	.47	
PHENANTHRENE	25.8 to 26.1	1.74	
TPHEXT (mg/kg)			
DIESEL RANGE ORGANICS	25.8 to 26.1	2800	Y
TPHPRG (mg/kg)			
GASOLINE RANGE ORGANICS	25.8 to 26.1	16	Z

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LEGEND

MONITORING WELL LOCATION

SOIL BORING LOCATION

LOCATION ID → SBT09-02 SOIL → SAMPLE MEDIUM
COMPOUND CLASS → PAH (mg/kg) → UNITS
ANALYTE → FLUORANTHENE 2.5 to 11 3.9 → CONCENTRATION
PYRENE 2.5 to 11 28 J → QUALIFIER
SAMPLE DEPTH

QUALIFIERS:

U – NOT DETECTED OR LESS THAN METHOD DETECTION LIMIT (MDL)

J – LESS THAN REPORTING LIMIT (RL) BUT GREATER THAN MDL, OR ESTIMATED RESULT

Y – FUEL PATTERN DOES NOT MATCH STANDARD

Z – NO FUEL PATTERN (INDIVIDUAL PEAKS ONLY)

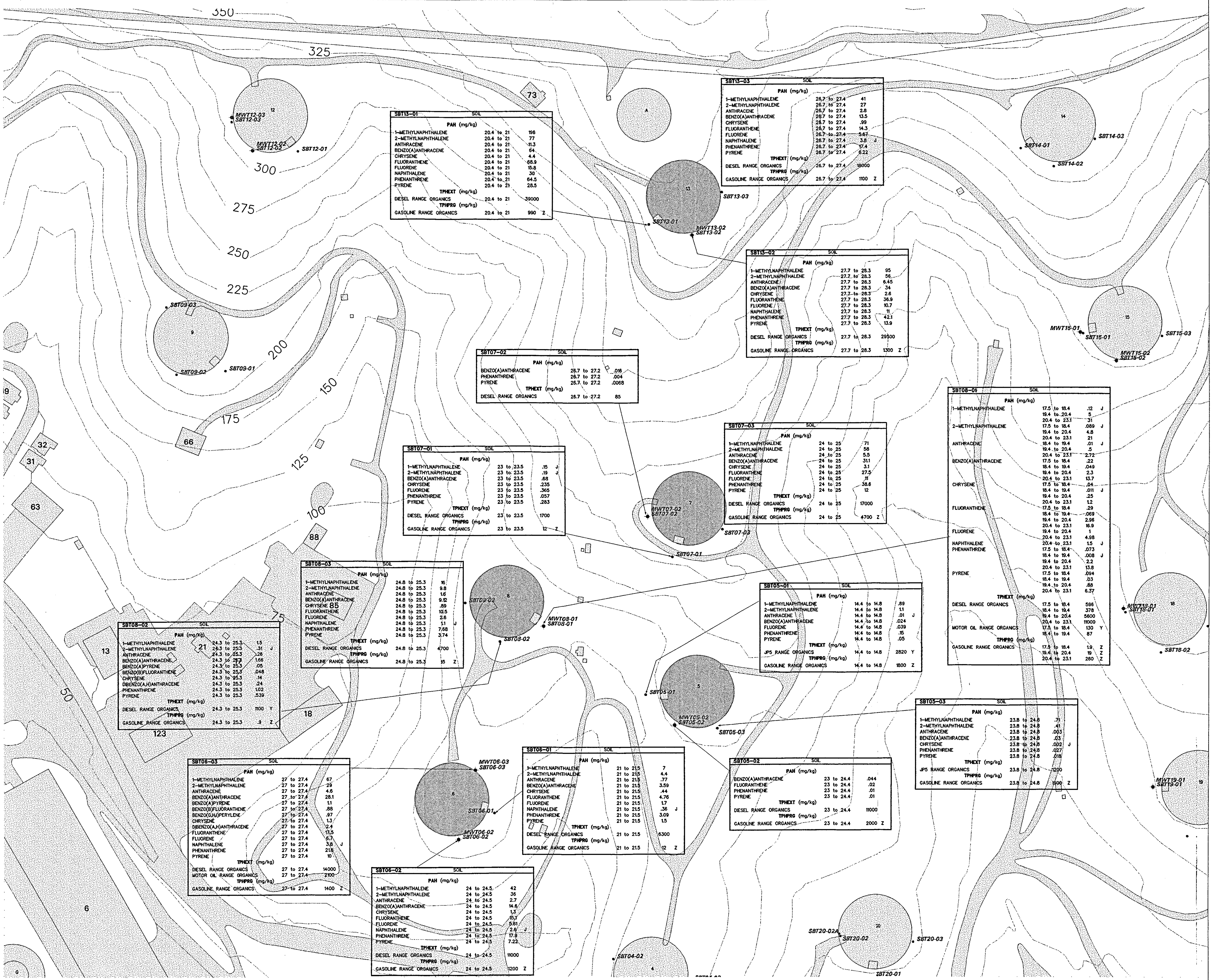
B – A POSITIVE VALUE WAS FOUND IN THE METHOD BLANK

NOTES:

THE ANALYTES DISPLAYED ONLY REPRESENT DETECTABLE CONCENTRATIONS. IN OTHER WORDS, IF AN ANALYTE CONCENTRATION IS NOT DETECTED OR IS LESS THAN THE METHOD DETECTION LIMIT, THE ANALYTE IS NOT LISTED.

40 0 40 80
SCALE: 1" = 80'

PLATE A1
NFD POINT MOLATE
CHARACTERIZATION OF USTs AND FUEL PIPELINES
SUBSURFACE SOIL ANALYTICAL RESULTS FROM UST SOIL BORINGS
TANKS 1 THROUGH 4, B, C



SBT13-01 — SOIL

Analyte	Sample Depth	Concentration	Qualifier
PAH (mg/kg)			
1-METHYLNAPHTHALENE	20.4 to 21	196	
2-METHYLNAPHTHALENE	20.4 to 21	77	
ANTHRACENE	20.4 to 21	11.3	
BENZO(A)ANTHRACENE	20.4 to 21	64	
CHRYSENE	20.4 to 21	4.4	
FLUORANTHENE	20.4 to 21	68.9	
FLUORENE	20.4 to 21	15.8	
NAPHTHALENE	20.4 to 21	30	
PHENANTHRENE	20.4 to 21	64.5	
PYRENE	20.4 to 21	28.5	
TPHEXT (mg/kg)			
DIESEL RANGE ORGANICS	20.4 to 21	39000	
TPHPRG (mg/kg)			
GASOLINE RANGE ORGANICS	20.4 to 21	990	Z

SBT13-03 — SOIL

Analyte	Sample Depth	Concentration	Qualifier
PAH (mg/kg)			
1-METHYLNAPHTHALENE	26.7 to 27.4	41	
2-METHYLNAPHTHALENE	26.7 to 27.4	27	
ANTHRACENE	26.7 to 27.4	2.8	
BENZO(A)ANTHRACENE	26.7 to 27.4	13.5	
CHRYSENE	26.7 to 27.4	.99	
FLUORANTHENE	26.7 to 27.4	14.3	
FLUORENE	26.7 to 27.4	5.67	
NAPHTHALENE	26.7 to 27.4	3.8	J
PHENANTHRENE	26.7 to 27.4	17.4	
PYRENE	26.7 to 27.4	6.22	
TPHEXT (mg/kg)			
DIESEL RANGE ORGANICS	26.7 to 27.4	18000	
TPHPRG (mg/kg)			
GASOLINE RANGE ORGANICS	26.7 to 27.4	1100	Z

SBT13-02 — SOIL

Analyte	Sample Depth	Concentration	Qualifier
PAH (mg/kg)			
1-METHYLNAPHTHALENE	27.7 to 28.3	95	
2-METHYLNAPHTHALENE	27.7 to 28.3	56	
ANTHRACENE	27.7 to 28.3	6.45	
BENZO(A)ANTHRACENE	27.7 to 28.3	34	
CHRYSENE	27.7 to 28.3	2.6	
FLUORANTHENE	27.7 to 28.3	36.9	
FLUORENE	27.7 to 28.3	10.7	
NAPHTHALENE	27.7 to 28.3	11	
PHENANTHRENE	27.7 to 28.3	42.1	
PYRENE	27.7 to 28.3	13.9	
TPHEXT (mg/kg)			
DIESEL RANGE ORGANICS	27.7 to 28.3	29500	
TPHPRG (mg/kg)			
GASOLINE RANGE ORGANICS	27.7 to 28.3	1300	Z

SBT07-02 — SOIL

Analyte	Sample Depth	Concentration	Qualifier
PAH (mg/kg)			
BENZO(A)ANTHRACENE	26.7 to 27.2	.016	
PHENANTHRENE	26.7 to 27.2	.004	
PYRENE	26.7 to 27.2	.0068	
TPHEXT (mg/kg)			
DIESEL RANGE ORGANICS	26.7 to 27.2	85	

SBT07-01 — SOIL

Analyte	Sample Depth	Concentration	Qualifier
PAH (mg/kg)			
1-METHYLNAPHTHALENE	23 to 23.5	.15	J
2-METHYLNAPHTHALENE	23 to 23.5	.19	J
BENZO(A)ANTHRACENE	23 to 23.5	.68	
CHRYSENE	23 to 23.5	.235	
FLUORENE	23 to 23.5	.365	
PHENANTHRENE	23 to 23.5	.057	
PYRENE	23 to 23.5	.283	
TPHEXT (mg/kg)			
DIESEL RANGE ORGANICS	23 to 23.5	1700	
TPHPRG (mg/kg)			
GASOLINE RANGE ORGANICS	23 to 23.5	12	Z

SBT07-03 — SOIL

Analyte	Sample Depth	Concentration	Qualifier
PAH (mg/kg)			
1-METHYLNAPHTHALENE	24 to 25	71	
2-METHYLNAPHTHALENE	24 to 25	58	
ANTHRACENE	24 to 25	5.5	
BENZO(A)ANTHRACENE	24 to 25	31.1	
CHRYSENE	24 to 25	3.1	
FLUORANTHENE	24 to 25	27.5	
FLUORENE	24 to 25	11	
PHENANTHRENE	24 to 25	38.6	
PYRENE	24 to 25	12	
TPHEXT (mg/kg)			
DIESEL RANGE ORGANICS	24 to 25	17000	
TPHPRG (mg/kg)			
GASOLINE RANGE ORGANICS	24 to 25	4700	Z

SBT08-01 — SOIL

Analyte	Sample Depth	Concentration	Qualifier
PAH (mg/kg)			
1-METHYLNAPHTHALENE	17.5 to 18.4	.12	J
	19.4 to 20.4	5	
	20.4 to 23.1	31	
2-METHYLNAPHTHALENE	17.5 to 18.4	.089	J
	19.4 to 20.4	4.8	
	20.4 to 23.1	21	
ANTHRACENE	18.4 to 19.4	.01	J
	19.4 to 20.4	.5	
	20.4 to 23.1	2.72	
BENZO(A)ANTHRACENE	17.5 to 18.4	.22	
	18.4 to 19.4	.049	
	19.4 to 20.4	2.3	
	20.4 to 23.1	13.7	
CHRYSENE	17.5 to 18.4	.04	
	18.4 to 19.4	.011	J
	19.4 to 20.4	.25	
	20.4 to 23.1	1.2	
FLUORANTHENE	17.5 to 18.4	.29	
	18.4 to 19.4	.069	
	19.4 to 20.4	2.96	
	20.4 to 23.1	16.9	
FLUORENE	19.4 to 20.4	1	
	20.4 to 23.1	4.98	
NAPHTHALENE	20.4 to 23.1	1.5	J
PHENANTHRENE	17.5 to 18.4	.073	
	18.4 to 19.4	.008	J
	19.4 to 20.4	2.2	
	20.4 to 23.1	13.8	
PYRENE	17.5 to 18.4	.094	
	18.4 to 19.4	.03	
	19.4 to 20.4	.88	
	20.4 to 23.1	6.37	
TPHEXT (mg/kg)			
DIESEL RANGE ORGANICS	17.5 to 18.4	596	
	18.4 to 19.4	378	
	19.4 to 20.4	5600	
	20.4 to 23.1	11000	
MOTOR OIL RANGE ORGANICS	17.5 to 18.4	130	Y
	18.4 to 19.4	87	
TPHPRG (mg/kg)			
GASOLINE RANGE ORGANICS	17.5 to 18.4	1.9	Z
	19.4 to 20.4	19	Z
	20.4 to 23.1	260	Z

SBT08-03 — SOIL

Analyte	Sample Depth	Concentration	Qualifier
PAH (mg/kg)			
1-METHYLNAPHTHALENE	24.8 to 25.3	16	
2-METHYLNAPHTHALENE	24.8 to 25.3	9.8	
ANTHRACENE	24.8 to 25.3	1.6	
BENZO(A)ANTHRACENE	24.8 to 25.3	9.12	
CHRYSENE	24.8 to 25.3	.89	
FLUORANTHENE	24.8 to 25.3	10.5	
FLUORENE	24.8 to 25.3	2.6	
NAPHTHALENE	24.8 to 25.3	1.1	J
PHENANTHRENE	24.8 to 25.3	7.68	
PYRENE	24.8 to 25.3	3.74	
TPHEXT (mg/kg)			
DIESEL RANGE ORGANICS	24.8 to 25.3	4700	
TPHPRG (mg/kg)			
GASOLINE RANGE ORGANICS	24.8 to 25.3	15	Z

SBT08-02 — SOIL

Analyte	Sample Depth	Concentration	Qualifier
PAH (mg/kg)			
1-METHYLNAPHTHALENE	24.3 to 25.3	1.5	
2-METHYLNAPHTHALENE	24.3 to 25.3	.31	J
ANTHRACENE	24.3 to 25.3	.26	
BENZO(A)ANTHRACENE	24.3 to 25.3	1.66	
BENZO(A)PYRENE	24.3 to 25.3	.05	
BENZO(B)FLUORANTHENE	24.3 to 25.3	.048	
CHRYSENE	24.3 to 25.3	.14	
DIBENZO(A,H)ANTHRACENE	24.3 to 25.3	.24	
PHENANTHRENE	24.3 to 25.3	1.02	
PYRENE	24.3 to 25.3	.539	
TPHEXT (mg/kg)			
DIESEL RANGE ORGANICS	24.3 to 25.3	1100	Y
TPHPRG (mg/kg)			
GASOLINE RANGE ORGANICS	24.3 to 25.3	.9	Z

SBT05-01 — SOIL

Analyte	Sample Depth	Concentration	Qualifier
PAH (mg/kg)			
1-METHYLNAPHTHALENE	14.4 to 14.8	.89	
2-METHYLNAPHTHALENE	14.4 to 14.8	1.1	
ANTHRACENE	14.4 to 14.8	.01	J
BENZO(A)ANTHRACENE	14.4 to 14.8	.024	
FLUORENE	14.4 to 14.8	.039	
PHENANTHRENE	14.4 to 14.8	.15	
PYRENE	14.4 to 14.8	.05	
TPHEXT (mg/kg)			
JP5 RANGE ORGANICS	14.4 to 14.8	2820	Y
TPHPRG (mg/kg)			
GASOLINE RANGE ORGANICS	14.4 to 14.8	1800	Z

SBT05-03 — SOIL

Analyte	Sample Depth	Concentration	Qualifier
PAH (mg/kg)			
1-METHYLNAPHTHALENE	23.8 to 24.8	.71	
2-METHYLNAPHTHALENE	23.8 to 24.8	.41	
ANTHRACENE	23.8 to 24.8	.003	
BENZO(A)ANTHRACENE	23.8 to 24.8	.03	
CHRYSENE	23.8 to 24.8	.002	J
PHENANTHRENE	23.8 to 24.8	.027	
PYRENE	23.8 to 24.8	.018	
TPHEXT (mg/kg)			
JP5 RANGE ORGANICS	23.8 to 24.8	1200	
TPHPRG (mg/kg)			
GASOLINE RANGE ORGANICS	23.8 to 24.8	1900	Z

SBT05-02 — SOIL

Analyte	Sample Depth	Concentration	Qualifier
PAH (mg/kg)			
BENZO(A)ANTHRACENE	23 to 24.4	.044	
FLUORANTHENE	23 to 24.4	.02	
PHENANTHRENE	23 to 24.4	.01	
PYRENE	23 to 24.4	.01	
TPHEXT (mg/kg)			
DIESEL RANGE ORGANICS	23 to 24.4	11000	
TPHPRG (mg/kg)			
GASOLINE RANGE ORGANICS	23 to 24.4	2000	Z

SBT06-03 — SOIL

Analyte	Sample Depth	Concentration	Qualifier
PAH (mg/kg)			
1-METHYLNAPHTHALENE	27 to 27.4	67	
2-METHYLNAPHTHALENE	27 to 27.4	29	
ANTHRACENE	27 to 27.4	4.6	
BENZO(A)ANTHRACENE	27 to 27.4	28.1	
BENZO(A)PYRENE	27 to 27.4	1.1	
BENZO(B)FLUORANTHENE	27 to 27.4	.88	
BENZO(G,H,I)PERYLENE	27 to 27.4	.97	
CHRYSENE	27 to 27.4	1.3	
DIBENZO(A,H)ANTHRACENE	27 to 27.4	2.4	
FLUORANTHENE	27 to 27.4	17.5	
FLUORENE	27 to 27.4	6.7	
NAPHTHALENE	27 to 27.4	3.8	J
PHENANTHRENE	27 to 27.4	21.6	
PYRENE	27 to 27.4	10	
TPHEXT (mg/kg)			
DIESEL RANGE ORGANICS	27 to 27.4	14000	
MOTOR OIL RANGE ORGANICS	27 to 27.4	2100	
TPHPRG (mg/kg)			
GASOLINE RANGE ORGANICS	27 to 27.4	1400	Z

SBT06-01 — SOIL

Analyte	Sample Depth	Concentration	Qualifier
PAH (mg/kg)			
1-METHYLNAPHTHALENE	21 to 21.5	7	
2-METHYLNAPHTHALENE	21 to 21.5	4.4	
ANTHRACENE	21 to 21.5	.77	
BENZO(A)ANTHRACENE	21 to 21.5	3.59	
CHRYSENE	21 to 21.5	.44	
FLUORANTHENE	21 to 21.5	4.76	
FLUORENE	21 to 21.5	1.7	
NAPHTHALENE	21 to 21.5	.36	J
PHENANTHRENE	21 to 21.5	3.09	
PYRENE	21 to 21.5	1.5	
TPHEXT (mg/kg)			
DIESEL RANGE ORGANICS	21 to 21.5	6300	
TPHPRG (mg/kg)			
GASOLINE RANGE ORGANICS	21 to 21.5	12	Z

SBT06-02 — SOIL

Analyte	Sample Depth	Concentration	Qualifier
PAH (mg/kg)			
1-METHYLNAPHTHALENE	24 to 24.5	42	
2-METHYLNAPHTHALENE	24 to 24.5	36	
ANTHRACENE	24 to 24.5	2.7	
BENZO(A)ANTHRACENE	24 to 24.5	14.6	
CHRYSENE	24 to 24.5	1.3	
FLUORANTHENE	24 to 24.5	15.1	
FLUORENE	24 to 24.5	5.61	
NAPHTHALENE	24 to 24.5	2.6	J
PHENANTHRENE	24 to 24.5	17.9	
PYRENE	24 to 24.5	7.22	
TPHEXT (mg/kg)			
DIESEL RANGE ORGANICS	24 to 24.5	11000	
TPHPRG (mg/kg)			
GASOLINE RANGE ORGANICS	24 to 24.5	1200	Z

LEGEND

- ✦ MONITORING WELL LOCATION
- ● SOIL BORING LOCATION

LOCATION ID ←	SBT09-02	SOIL		→ SAMPLE MEDIUM
COMPOUND CLASS ←	**PAH** (mg/kg)			→ UNITS
ANALYTE ←	FLUORANTHENE	2.5 to 11	3.9	→ CONCENTRATION
ANALYTE ←	PYRENE	2.5 to 11	28 J	
SAMPLE DEPTH ←		↑	↑	→ QUALIFIER

QUALIFIERS:

U – NOT DETECTED OR LESS THAN METHOD DETECTION LIMIT (MDL)

J – LESS THAN REPORTING LIMIT (RL) BUT GREATER THAN MDL, OR ESTIMATED RESULT

Y – FUEL PATTERN DOES NOT MATCH STANDARD

Z – NO FUEL PATTERN (INDIVIDUAL PEAKS ONLY)

B – A POSITIVE VALUE WAS FOUND IN THE METHOD BLANK

NOTES:

THE ANALYTES DISPLAYED ONLY REPRESENT DETECTABLE CONCENTRATIONS. IN OTHER WORDS, IF AN ANALYTE CONCENTRATION IS NOT DETECTED OR IS LESS THAN THE METHOD DETECTION LIMIT, THE ANALYTE IS NOT LISTED.

40 0 40 80
SCALE: 1" = 80'

PLATE A2
NFD POINT MOLATE
CHARACTERIZATION OF USTs AND FUEL PIPELINES
SUBSURFACE SOIL ANALYTICAL RESULTS FROM UST SOIL BORINGS
TANKS 5 THROUGH 8, 13

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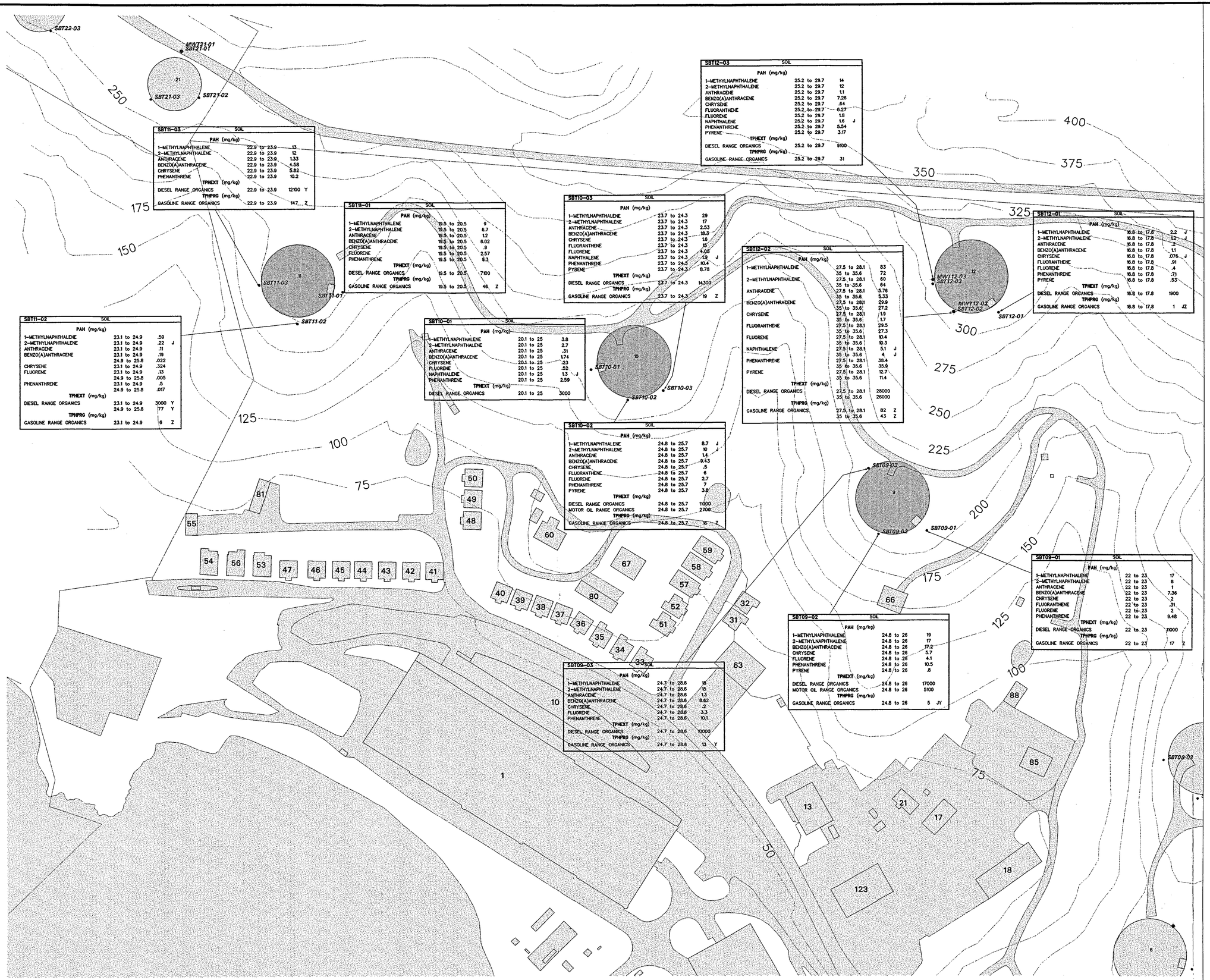


SBT11-03	SOIL		
PAH (mg/kg)			
1-METHYLNAPHTHALENE	22.9 to 23.9	13	
2-METHYLNAPHTHALENE	22.9 to 23.9	12	
ANTHRACENE	22.9 to 23.9	1.33	
BENZO(A)ANTHRACENE	22.9 to 23.9	4.58	
CHRYSENE	22.9 to 23.9	5.82	
PHENANTHRENE	22.9 to 23.9	10.2	
TPHEXT (mg/kg)			
DIESEL RANGE ORGANICS	22.9 to 23.9	12100	Y
TPHPRG (mg/kg)			
GASOLINE RANGE ORGANICS	22.9 to 23.9	147	Z

SBT11-01	SOIL		
PAH (mg/kg)			
1-METHYLNAPHTHALENE	19.5 to 20.5	9	
2-METHYLNAPHTHALENE	19.5 to 20.5	6.7	
ANTHRACENE	19.5 to 20.5	1.2	
BENZO(A)ANTHRACENE	19.5 to 20.5	6.02	
CHRYSENE	19.5 to 20.5	.9	
FLUORENE	19.5 to 20.5	2.57	
PHENANTHRENE	19.5 to 20.5	9.3	
TPHEXT (mg/kg)			
DIESEL RANGE ORGANICS	19.5 to 20.5	7100	
TPHPRG (mg/kg)			
GASOLINE RANGE ORGANICS	19.5 to 20.5	46	Z

SBT11-02	SOIL		
PAH (mg/kg)			
1-METHYLNAPHTHALENE	23.1 to 24.9	.59	
2-METHYLNAPHTHALENE	23.1 to 24.9	.22	J
ANTHRACENE	23.1 to 24.9	.11	
BENZO(A)ANTHRACENE	23.1 to 24.9	.19	
	24.9 to 25.8	.022	
CHRYSENE	23.1 to 24.9	.324	
FLUORENE	23.1 to 24.9	.13	
	24.9 to 25.8	.005	
PHENANTHRENE	23.1 to 24.9	.5	
	24.9 to 25.8	.017	
TPHEXT (mg/kg)			
DIESEL RANGE ORGANICS	23.1 to 24.9	3000	Y
	24.9 to 25.8	77	Y
TPHPRG (mg/kg)			
GASOLINE RANGE ORGANICS	23.1 to 24.9	6	Z

SBT10-03	SOIL		
PAH (mg/kg)			
1-METHYLNAPHTHALENE	23.7 to 24.3	29	
2-METHYLNAPHTHALENE	23.7 to 24.3	17	
ANTHRACENE	23.7 to 24.3	2.53	
BENZO(A)ANTHRACENE	23.7 to 24.3	18.3	
CHRYSENE	23.7 to 24.3	16	
FLUORANTHENE	23.7 to 24.3	15	
FLUORENE	23.7 to 24.3	4.08	
NAPHTHALENE	23.7 to 24.3	.9	J
PHENANTHRENE	23.7 to 24.3	10.4	
PYRENE	23.7 to 24.3	8.78	
TPHEXT (mg/kg)			
DIESEL RANGE ORGANICS	23.7 to 24.3	14300	
TPHPRG (mg/kg)			
GASOLINE RANGE ORGANICS	23.7 to 24.3	19	Z

SBT10-01	SOIL		
PAH (mg/kg)			
1-METHYLNAPHTHALENE	20.1 to 25	3.8	
2-METHYLNAPHTHALENE	20.1 to 25	2.7	
ANTHRACENE	20.1 to 25	.31	
BENZO(A)ANTHRACENE	20.1 to 25	1.74	
CHRYSENE	20.1 to 25	.23	
FLUORENE	20.1 to 25	.52	
NAPHTHALENE	20.1 to 25	1.3	J
PHENANTHRENE	20.1 to 25	2.59	
TPHEXT (mg/kg)			
DIESEL RANGE ORGANICS	20.1 to 25	3000	

SBT10-02	SOIL		
PAH (mg/kg)			
1-METHYLNAPHTHALENE	24.8 to 25.7	8.7	J
2-METHYLNAPHTHALENE	24.8 to 25.7	10	J
ANTHRACENE	24.8 to 25.7	1.4	
BENZO(A)ANTHRACENE	24.8 to 25.7	9.43	
CHRYSENE	24.8 to 25.7	.5	
FLUORANTHENE	24.8 to 25.7	6	
FLUORENE	24.8 to 25.7	2.7	
PHENANTHRENE	24.8 to 25.7	7	
PYRENE	24.8 to 25.7	3.8	
TPHEXT (mg/kg)			
DIESEL RANGE ORGANICS	24.8 to 25.7	11000	
MOTOR OIL RANGE ORGANICS	24.8 to 25.7	2700	
TPHPRG (mg/kg)			
GASOLINE RANGE ORGANICS	24.8 to 25.7	16	Z

SBT12-03	SOIL		
PAH (mg/kg)			
1-METHYLNAPHTHALENE	25.2 to 29.7	14	
2-METHYLNAPHTHALENE	25.2 to 29.7	12	
ANTHRACENE	25.2 to 29.7	1.1	
BENZO(A)ANTHRACENE	25.2 to 29.7	7.28	
CHRYSENE	25.2 to 29.7	.64	
FLUORANTHENE	25.2 to 29.7	6.27	
FLUORENE	25.2 to 29.7	1.8	
NAPHTHALENE	25.2 to 29.7	1.6	J
PHENANTHRENE	25.2 to 29.7	5.54	
PYRENE	25.2 to 29.7	3.17	
TPHEXT (mg/kg)			
DIESEL RANGE ORGANICS	25.2 to 29.7	9100	
TPHPRG (mg/kg)			
GASOLINE RANGE ORGANICS	25.2 to 29.7	31	

SBT12-02	SOIL		
PAH (mg/kg)			
1-METHYLNAPHTHALENE	27.5 to 28.1	83	
	35 to 35.6	72	
2-METHYLNAPHTHALENE	27.5 to 28.1	60	
	35 to 35.6	64	
ANTHRACENE	27.5 to 28.1	5.76	
	35 to 35.6	5.33	
BENZO(A)ANTHRACENE	27.5 to 28.1	29.9	
	35 to 35.6	27.2	
CHRYSENE	27.5 to 28.1	1.9	
	35 to 35.6	1.7	
FLUORANTHENE	27.5 to 28.1	29.5	
	35 to 35.6	27.3	
FLUORENE	27.5 to 28.1	10.4	
	35 to 35.6	10.3	
NAPHTHALENE	27.5 to 28.1	5.1	J
	35 to 35.6	4	J
PHENANTHRENE	27.5 to 28.1	38.4	
	35 to 35.6	35.9	
PYRENE	27.5 to 28.1	12.7	
	35 to 35.6	11.4	
TPHEXT (mg/kg)			
DIESEL RANGE ORGANICS	27.5 to 28.1	28000	
	35 to 35.6	26000	
TPHPRG (mg/kg)			
GASOLINE RANGE ORGANICS	27.5 to 28.1	82	Z
	35 to 35.6	43	Z

SBT12-01	SOIL		
PAH (mg/kg)			
1-METHYLNAPHTHALENE	16.8 to 17.8	2.2	J
2-METHYLNAPHTHALENE	16.8 to 17.8	1.2	J
ANTHRACENE	16.8 to 17.8	.2	
BENZO(A)ANTHRACENE	16.8 to 17.8	1.1	
CHRYSENE	16.8 to 17.8	.076	J
FLUORANTHENE	16.8 to 17.8	.91	
FLUORENE	16.8 to 17.8	.4	
PHENANTHRENE	16.8 to 17.8	.71	
PYRENE	16.8 to 17.8	.53	
TPHEXT (mg/kg)			
DIESEL RANGE ORGANICS	16.8 to 17.8	1900	
TPHPRG (mg/kg)			
GASOLINE RANGE ORGANICS	16.8 to 17.8	1	JZ

SBT09-03	SOIL		
PAH (mg/kg)			
1-METHYLNAPHTHALENE	24.7 to 28.6	18	
2-METHYLNAPHTHALENE	24.7 to 28.6	15	
ANTHRACENE	24.7 to 28.6	1.3	
BENZO(A)ANTHRACENE	24.7 to 28.6	8.62	
CHRYSENE	24.7 to 28.6	.2	
FLUORENE	24.7 to 28.6	3.3	
PHENANTHRENE	24.7 to 28.6	10.1	
TPHEXT (mg/kg)			
DIESEL RANGE ORGANICS	24.7 to 28.6	10000	
TPHPRG (mg/kg)			
GASOLINE RANGE ORGANICS	24.7 to 28.6	13	Y

SBT09-02	SOIL		
PAH (mg/kg)			
1-METHYLNAPHTHALENE	24.8 to 26	19	
2-METHYLNAPHTHALENE	24.8 to 26	17	
BENZO(A)ANTHRACENE	24.8 to 26	17.2	
CHRYSENE	24.8 to 26	5.7	
FLUORENE	24.8 to 26	4.1	
PHENANTHRENE	24.8 to 26	10.5	
PYRENE	24.8 to 26	.8	
TPHEXT (mg/kg)			
DIESEL RANGE ORGANICS	24.8 to 26	17000	
MOTOR OIL RANGE ORGANICS	24.8 to 26	5100	
TPHPRG (mg/kg)			
GASOLINE RANGE ORGANICS	24.8 to 26	5	JY

SBT09-01	SOIL		
PAH (mg/kg)			
1-METHYLNAPHTHALENE	22 to 23	17	
2-METHYLNAPHTHALENE	22 to 23	8	
ANTHRACENE	22 to 23	1	
BENZO(A)ANTHRACENE	22 to 23	7.36	
CHRYSENE	22 to 23	2	
FLUORANTHENE	22 to 23	.31	
FLUORENE	22 to 23	2	
PHENANTHRENE	22 to 23	9.46	
TPHEXT (mg/kg)			
DIESEL RANGE ORGANICS	22 to 23	11000	
TPHPRG (mg/kg)			
GASOLINE RANGE ORGANICS	22 to 23	17	Z

LEGEND

- MONITORING WELL LOCATION
- SOIL BORING LOCATION

LOCATION ID	SBT09-02	SOIL		SAMPLE MEDIUM
COMPOUND CLASS	PAH (mg/kg)			UNITS
ANALYTE	FLUORANTHENE	2.5 to 11	3.9	CONCENTRATION
	PYRENE	2.5 to 11	28 J	
SAMPLE DEPTH				QUALIFIER

QUALIFIERS:

U – NOT DETECTED OR LESS THAN METHOD DETECTION LIMIT (MDL)

J – LESS THAN REPORTING LIMIT (RL) BUT GREATER THAN MDL, OR ESTIMATED RESULT

Y – FUEL PATTERN DOES NOT MATCH STANDARD

Z – NO FUEL PATTERN (INDIVIDUAL PEAKS ONLY)

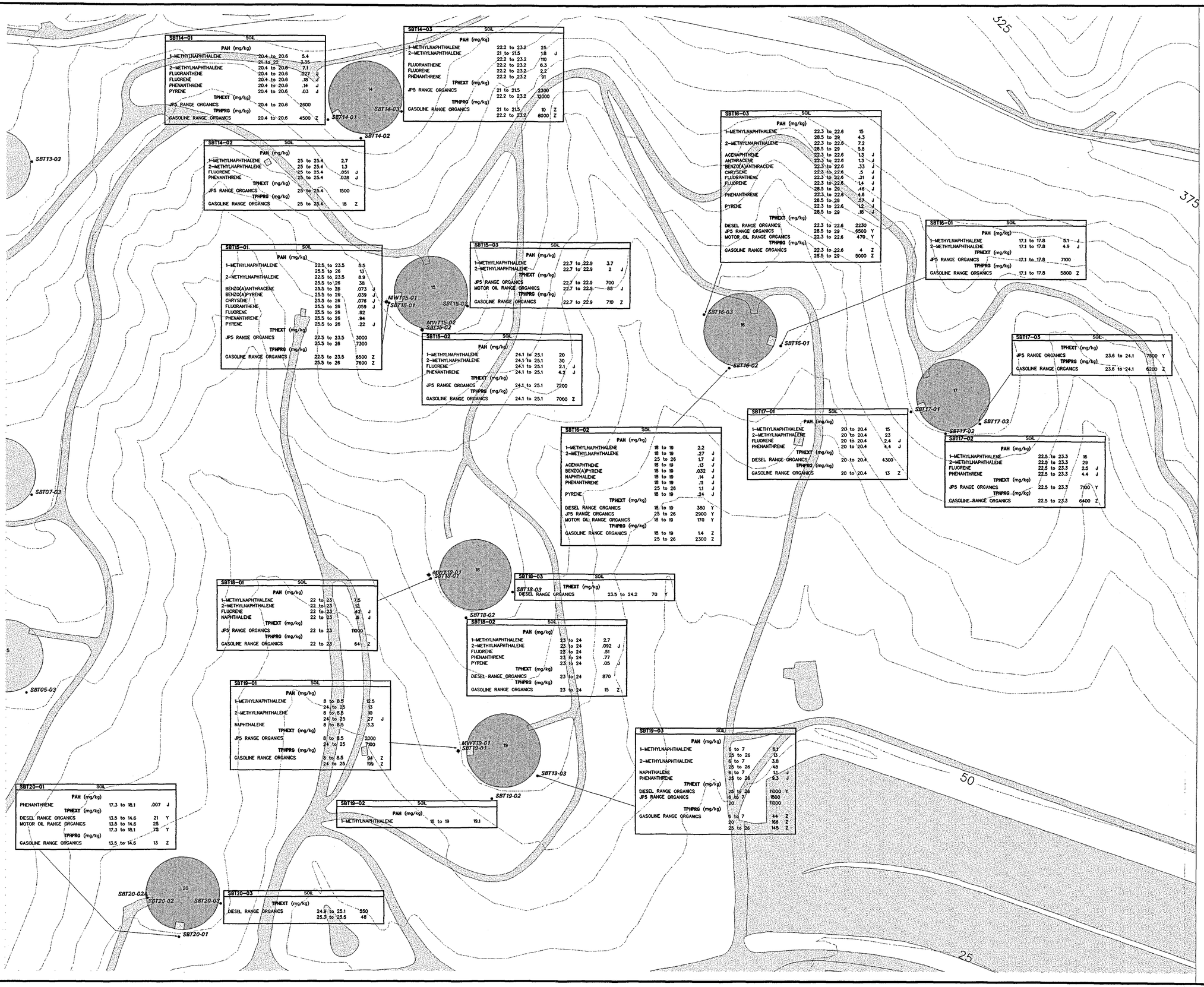
B – A POSITIVE VALUE WAS FOUND IN THE METHOD BLANK

NOTES:

THE ANALYTES DISPLAYED ONLY REPRESENT DETECTABLE CONCENTRATIONS. IN OTHER WORDS, IF AN ANALYTE CONCENTRATION IS NOT DETECTED OR IS LESS THAN THE METHOD DETECTION LIMIT, THE ANALYTE IS NOT LISTED.

40 0 40 80
SCALE: 1" = 80'

PLATE A3
NFD POINT MOLATE
CHARACTERIZATION OF USTs
AND FUEL PIPELINES
SUBSURFACE SOIL ANALYTICAL RESULTS
FROM UST SOIL BORINGS
TANKS 9 THROUGH 12



SBT14-01 SOIL

PAH (mg/kg)			
1-METHYLNAPHTHALENE	20.4 to 20.6	5.4	
	21 to 22	3.35	
2-METHYLNAPHTHALENE	20.4 to 20.6	7.1	
FLUORANTHENE	20.4 to 20.6	.027	J
FLUORENE	20.4 to 20.6	.18	J
PHENANTHRENE	20.4 to 20.6	.14	J
PYRENE	20.4 to 20.6	.03	J
TPHEXT (mg/kg)			
JP5 RANGE ORGANICS	20.4 to 20.6	2600	
TPHPRG (mg/kg)			
GASOLINE RANGE ORGANICS	20.4 to 20.6	4500	Z

SBT14-02 SOIL

PAH (mg/kg)			
1-METHYLNAPHTHALENE	25 to 25.4	2.7	
2-METHYLNAPHTHALENE	25 to 25.4	1.3	
FLUORENE	25 to 25.4	.051	J
PHENANTHRENE	25 to 25.4	.038	J
TPHEXT (mg/kg)			
JP5 RANGE ORGANICS	25 to 25.4	1500	
TPHPRG (mg/kg)			
GASOLINE RANGE ORGANICS	25 to 25.4	18	Z

SBT14-03 SOIL

PAH (mg/kg)			
1-METHYLNAPHTHALENE	22.2 to 23.2	25	
2-METHYLNAPHTHALENE	21 to 21.5	18	J
	22.2 to 23.2	110	
FLUORANTHENE	22.2 to 23.2	6.3	
FLUORENE	22.2 to 23.2	2.2	
PHENANTHRENE	22.2 to 23.2	91	
TPHEXT (mg/kg)			
JP5 RANGE ORGANICS	21 to 21.5	2300	
	22.2 to 23.2	12000	
TPHPRG (mg/kg)			
GASOLINE RANGE ORGANICS	21 to 21.5	10	Z
	22.2 to 23.2	6000	Z

SBT15-01 SOIL

PAH (mg/kg)			
1-METHYLNAPHTHALENE	22.5 to 23.5	5.5	
	25.5 to 26	13	
2-METHYLNAPHTHALENE	22.5 to 23.5	8.9	
	25.5 to 26	38	
BENZO(A)ANTHRACENE	25.5 to 26	.073	J
BENZO(A)PYRENE	25.5 to 26	.039	J
CHRYSENE	25.5 to 26	.078	J
FLUORANTHENE	25.5 to 26	.059	J
FLUORENE	25.5 to 26	.92	
PHENANTHRENE	25.5 to 26	.94	
PYRENE	25.5 to 26	.22	J
TPHEXT (mg/kg)			
JP5 RANGE ORGANICS	22.5 to 23.5	3000	
	25.5 to 26	7300	
TPHPRG (mg/kg)			
GASOLINE RANGE ORGANICS	22.5 to 23.5	6500	Z
	25.5 to 26	7600	Z

SBT15-03 SOIL

PAH (mg/kg)			
1-METHYLNAPHTHALENE	22.7 to 22.9	3.7	
2-METHYLNAPHTHALENE	22.7 to 22.9	2	J
TPHEXT (mg/kg)			
JP5 RANGE ORGANICS	22.7 to 22.9	700	
MOTOR OIL RANGE ORGANICS	22.7 to 22.9	85	J
TPHPRG (mg/kg)			
GASOLINE RANGE ORGANICS	22.7 to 22.9	710	Z

SBT15-02 SOIL

PAH (mg/kg)			
1-METHYLNAPHTHALENE	24.1 to 25.1	20	
2-METHYLNAPHTHALENE	24.1 to 25.1	30	
FLUORENE	24.1 to 25.1	2.1	J
PHENANTHRENE	24.1 to 25.1	4.2	J
TPHEXT (mg/kg)			
JP5 RANGE ORGANICS	24.1 to 25.1	7200	
TPHPRG (mg/kg)			
GASOLINE RANGE ORGANICS	24.1 to 25.1	7000	Z

SBT16-03 SOIL

PAH (mg/kg)			
1-METHYLNAPHTHALENE	22.3 to 22.6	15	
	28.5 to 29	4.3	
2-METHYLNAPHTHALENE	22.3 to 22.6	7.2	
	28.5 to 29	5.8	
ACENAPHTHENE	22.3 to 22.6	1.3	J
ANTHRACENE	22.3 to 22.6	1.3	J
BENZO(A)ANTHRACENE	22.3 to 22.6	.33	J
CHRYSENE	22.3 to 22.6	.5	J
FLUORANTHENE	22.3 to 22.6	.31	J
FLUORENE	22.3 to 22.6	1.4	J
	28.5 to 29	.46	J
PHENANTHRENE	22.3 to 22.6	4.6	
	28.5 to 29	.57	J
PYRENE	22.3 to 22.6	1.2	J
	28.5 to 29	.16	J
TPHEXT (mg/kg)			
DIESEL RANGE ORGANICS	22.3 to 22.6	2230	
JP5 RANGE ORGANICS	28.5 to 29	6500	Y
MOTOR OIL RANGE ORGANICS	22.3 to 22.6	470	Y
TPHPRG (mg/kg)			
GASOLINE RANGE ORGANICS	22.3 to 22.6	4	Z
	28.5 to 29	5000	Z

SBT16-01 SOIL

PAH (mg/kg)			
1-METHYLNAPHTHALENE	17.1 to 17.8	5.1	J
2-METHYLNAPHTHALENE	17.1 to 17.8	4.9	J
TPHEXT (mg/kg)			
JP5 RANGE ORGANICS	17.1 to 17.8	7100	
TPHPRG (mg/kg)			
GASOLINE RANGE ORGANICS	17.1 to 17.8	5800	Z

SBT16-02 SOIL

PAH (mg/kg)			
1-METHYLNAPHTHALENE	18 to 19	2.2	
2-METHYLNAPHTHALENE	18 to 19	.27	J
	25 to 26	1.7	J
ACENAPHTHENE	18 to 19	.13	J
BENZO(A)PYRENE	18 to 19	.032	J
NAPHTHALENE	18 to 19	.14	J
PHENANTHRENE	18 to 19	.11	J
	25 to 26	1.1	J
PYRENE	18 to 19	.24	J
TPHEXT (mg/kg)			
DIESEL RANGE ORGANICS	18 to 19	380	Y
JP5 RANGE ORGANICS	25 to 26	2900	Y
MOTOR OIL RANGE ORGANICS	18 to 19	170	Y
TPHPRG (mg/kg)			
GASOLINE RANGE ORGANICS	18 to 19	1.4	Z
	25 to 26	2300	Z

SBT17-01 SOIL

PAH (mg/kg)			
1-METHYLNAPHTHALENE	20 to 20.4	15	
2-METHYLNAPHTHALENE	20 to 20.4	23	
FLUORENE	20 to 20.4	2.4	J
PHENANTHRENE	20 to 20.4	4.4	J
TPHEXT (mg/kg)			
DIESEL RANGE ORGANICS	20 to 20.4	4300	
TPHPRG (mg/kg)			
GASOLINE RANGE ORGANICS	20 to 20.4	13	Z

SBT17-03 SOIL

TPHEXT (mg/kg)			
JP5 RANGE ORGANICS	23.6 to 24.1	7500	Y
TPHPRG (mg/kg)			
GASOLINE RANGE ORGANICS	23.6 to 24.1	6200	Z

SBT17-02 SOIL

PAH (mg/kg)			
1-METHYLNAPHTHALENE	22.5 to 23.3	16	
2-METHYLNAPHTHALENE	22.5 to 23.3	29	
FLUORENE	22.5 to 23.3	2.5	J
PHENANTHRENE	22.5 to 23.3	4.4	J
TPHEXT (mg/kg)			
JP5 RANGE ORGANICS	22.5 to 23.3	7100	Y
TPHPRG (mg/kg)			
GASOLINE RANGE ORGANICS	22.5 to 23.3	6400	Z

SBT18-01 SOIL

PAH (mg/kg)			
1-METHYLNAPHTHALENE	22 to 23	7.5	
2-METHYLNAPHTHALENE	22 to 23	12	
FLUORENE	22 to 23	1.2	J
NAPHTHALENE	22 to 23	.6	J
TPHEXT (mg/kg)			
JP5 RANGE ORGANICS	22 to 23	11000	
TPHPRG (mg/kg)			
GASOLINE RANGE ORGANICS	22 to 23	64	Z

SBT18-03 SOIL

TPHEXT (mg/kg)			
DIESEL RANGE ORGANICS	23.5 to 24.2	70	Y

SBT18-02 SOIL

PAH (mg/kg)			
1-METHYLNAPHTHALENE	23 to 24	2.7	
2-METHYLNAPHTHALENE	23 to 24	.092	J
FLUORENE	23 to 24	.51	
PHENANTHRENE	23 to 24	.77	
PYRENE	23 to 24	.05	J
TPHEXT (mg/kg)			
DIESEL RANGE ORGANICS	23 to 24	870	
TPHPRG (mg/kg)			
GASOLINE RANGE ORGANICS	23 to 24	15	Z

SBT19-01 SOIL

PAH (mg/kg)			
1-METHYLNAPHTHALENE	8 to 8.5	12.5	
	24 to 25	13	
2-METHYLNAPHTHALENE	8 to 8.5	10	
	24 to 25	27	J
NAPHTHALENE	8 to 8.5	3.3	
TPHEXT (mg/kg)			
JP5 RANGE ORGANICS	8 to 8.5	2000	
	24 to 25	7700	
TPHPRG (mg/kg)			
GASOLINE RANGE ORGANICS	8 to 8.5	94	Z
	24 to 25	199	Z

SBT19-03 SOIL

PAH (mg/kg)			
1-METHYLNAPHTHALENE	6 to 7	6.3	
	25 to 26	13	
2-METHYLNAPHTHALENE	6 to 7	3.8	
	25 to 26	4.8	
NAPHTHALENE	6 to 7	1.1	J
PHENANTHRENE	25 to 26	6.3	J
TPHEXT (mg/kg)			
DIESEL RANGE ORGANICS	25 to 26	11000	Y
JP5 RANGE ORGANICS	6 to 7	1500	
	20	11000	
TPHPRG (mg/kg)			
GASOLINE RANGE ORGANICS	6 to 7	44	Z
	20	168	Z
	25 to 26	145	Z

SBT19-02 SOIL

PAH (mg/kg)			
1-METHYLNAPHTHALENE	18 to 19	19.1	

SBT20-01 SOIL

PAH (mg/kg)			
PHENANTHRENE	17.3 to 18.1	.007	J
TPHEXT (mg/kg)			
DIESEL RANGE ORGANICS	13.5 to 14.6	21	Y
MOTOR OIL RANGE ORGANICS	13.5 to 14.6	25	
	17.3 to 18.1	75	Y
TPHPRG (mg/kg)			
GASOLINE RANGE ORGANICS	13.5 to 14.6	13	Z

SBT20-03 SOIL

TPHEXT (mg/kg)			
DIESEL RANGE ORGANICS	24.9 to 25.1	550	
	25.3 to 25.5	48	

LEGEND

- ✦ MONITORING WELL LOCATION
- ● SOIL BORING LOCATION

LOCATION ID → SBT09-02 | SOIL → SAMPLE MEDIUM
COMPOUND CLASS → PAH (mg/kg) → UNITS
ANALYTE → FLUORANTHENE 2.5 to 11 3.9 → CONCENTRATION
SAMPLE DEPTH → PYRENE 2.5 to 11 28 J → QUALIFIER

QUALIFIERS:

U ~ NOT DETECTED OR LESS THAN METHOD DETECTION LIMIT (MDL)

J ~ LESS THAN REPORTING LIMIT (RL) BUT GREATER THAN MDL, OR ESTIMATED RESULT

Y ~ FUEL PATTERN DOES NOT MATCH STANDARD

Z ~ NO FUEL PATTERN (INDIVIDUAL PEAKS ONLY)

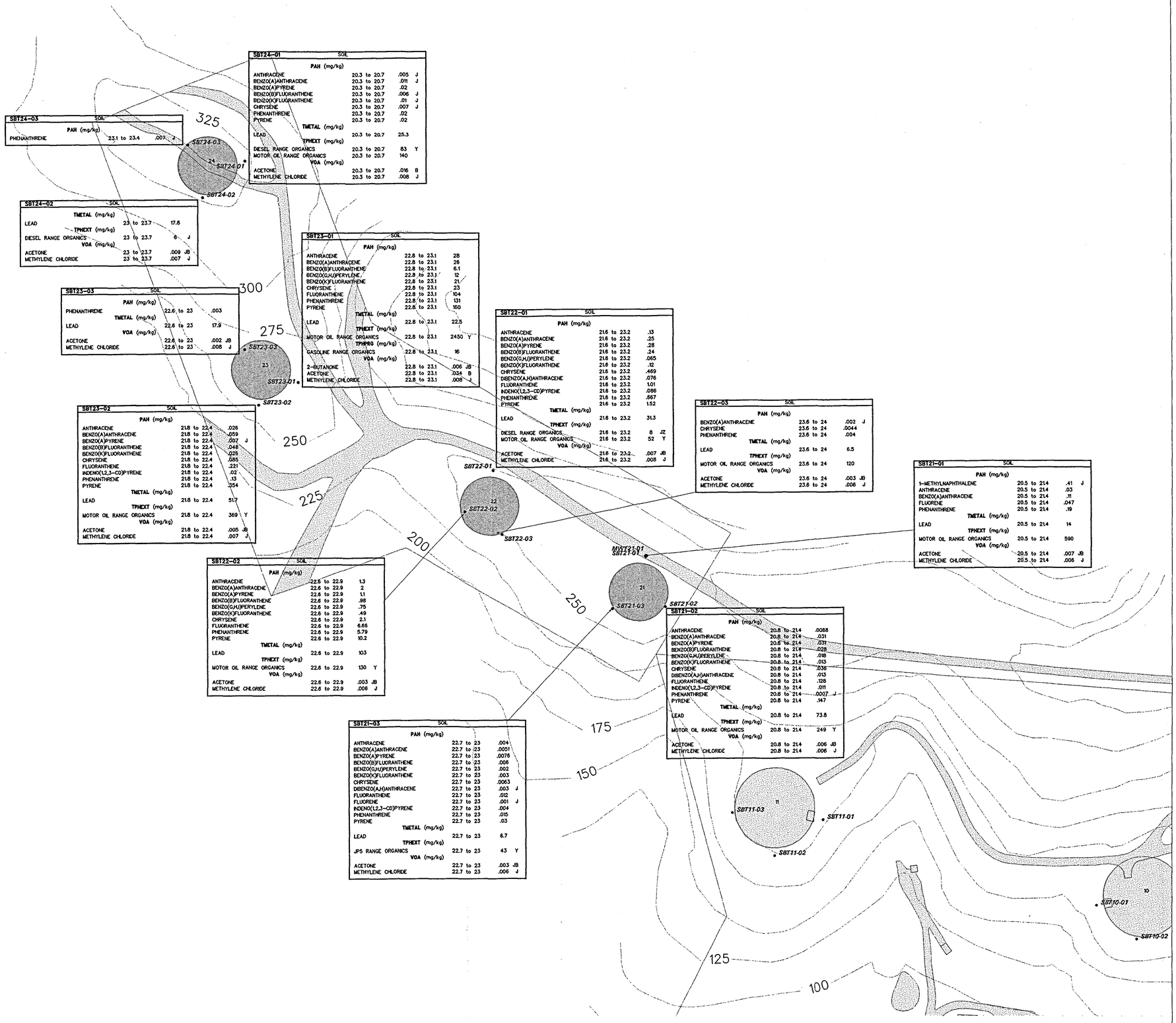
B ~ A POSITIVE VALUE WAS FOUND IN THE METHOD BLANK

NOTES:

THE ANALYTES DISPLAYED ONLY REPRESENT DETECTABLE CONCENTRATIONS. IN OTHER WORDS, IF AN ANALYTE CONCENTRATION IS NOT DETECTED OR IS LESS THAN THE METHOD DETECTION LIMIT, THE ANALYTE IS NOT LISTED.

40 0 40 80
SCALE: 1" = 80'

PLATE A4
NFD POINT MOLATE
CHARACTERIZATION OF USTs AND FUEL PIPELINES
SUBSURFACE SOIL ANALYTICAL RESULTS FROM UST SOIL BORINGS
TANKS 14 THROUGH 20



SBT24-01 SOIL

PAH (mg/kg)			
ANTHRACENE	20.3 to 20.7	.005	J
BENZO(A)ANTHRACENE	20.3 to 20.7	.011	J
BENZO(A)PYRENE	20.3 to 20.7	.02	
BENZO(B)FLUORANTHENE	20.3 to 20.7	.006	J
BENZO(K)FLUORANTHENE	20.3 to 20.7	.01	J
CHRYSENE	20.3 to 20.7	.007	J
PHENANTHRENE	20.3 to 20.7	.02	
PYRENE	20.3 to 20.7	.02	
TMETAL (mg/kg)			
LEAD	20.3 to 20.7	25.3	
TPHEXT (mg/kg)			
DIESEL RANGE ORGANICS	20.3 to 20.7	83	Y
MOTOR OIL RANGE ORGANICS	20.3 to 20.7	140	
VOA (mg/kg)			
ACETONE	20.3 to 20.7	.016	B
METHYLENE CHLORIDE	20.3 to 20.7	.008	J

SBT24-03 SOIL

PAH (mg/kg)			
PHENANTHRENE	23.1 to 23.4	.007	J

SBT24-02 SOIL

TMETAL (mg/kg)			
LEAD	23 to 23.7	17.8	
TPHEXT (mg/kg)			
DIESEL RANGE ORGANICS	23 to 23.7	6	J
VOA (mg/kg)			
ACETONE	23 to 23.7	.009	JB
METHYLENE CHLORIDE	23 to 23.7	.007	J

SBT23-01 SOIL

PAH (mg/kg)			
ANTHRACENE	22.8 to 23.1	28	
BENZO(A)ANTHRACENE	22.8 to 23.1	26	
BENZO(B)FLUORANTHENE	22.8 to 23.1	6.1	
BENZO(G,H,I)PERYLENE	22.8 to 23.1	12	
BENZO(K)FLUORANTHENE	22.8 to 23.1	21	
CHRYSENE	22.8 to 23.1	23	
FLUORANTHENE	22.8 to 23.1	104	
PHENANTHRENE	22.8 to 23.1	131	
PYRENE	22.8 to 23.1	160	
TMETAL (mg/kg)			
LEAD	22.8 to 23.1	22.5	
TPHEXT (mg/kg)			
MOTOR OIL RANGE ORGANICS	22.8 to 23.1	2450	Y
TPHPRG (mg/kg)			
GASOLINE RANGE ORGANICS	22.8 to 23.1	16	
VOA (mg/kg)			
2-BUTANONE	22.8 to 23.1	.006	JB
ACETONE	22.8 to 23.1	.034	B
METHYLENE CHLORIDE	22.8 to 23.1	.008	J

SBT23-03 SOIL

PAH (mg/kg)			
PHENANTHRENE	22.6 to 23	.003	
TMETAL (mg/kg)			
LEAD	22.6 to 23	17.9	
VOA (mg/kg)			
ACETONE	22.6 to 23	.002	JB
METHYLENE CHLORIDE	22.6 to 23	.008	J

SBT23-02 SOIL

PAH (mg/kg)			
ANTHRACENE	21.8 to 22.4	.026	
BENZO(A)ANTHRACENE	21.8 to 22.4	.059	
BENZO(A)PYRENE	21.8 to 22.4	.007	J
BENZO(B)FLUORANTHENE	21.8 to 22.4	.048	
BENZO(K)FLUORANTHENE	21.8 to 22.4	.026	
CHRYSENE	21.8 to 22.4	.085	
FLUORANTHENE	21.8 to 22.4	.221	
INDENO(1,2,3-CD)PYRENE	21.8 to 22.4	.02	
PHENANTHRENE	21.8 to 22.4	.13	
PYRENE	21.8 to 22.4	.354	
TMETAL (mg/kg)			
LEAD	21.8 to 22.4	51.7	
TPHEXT (mg/kg)			
MOTOR OIL RANGE ORGANICS	21.8 to 22.4	369	Y
VOA (mg/kg)			
ACETONE	21.8 to 22.4	.005	JB
METHYLENE CHLORIDE	21.8 to 22.4	.007	J

SBT22-01 SOIL

PAH (mg/kg)			
ANTHRACENE	21.6 to 23.2	.13	
BENZO(A)ANTHRACENE	21.6 to 23.2	.25	
BENZO(A)PYRENE	21.6 to 23.2	.28	
BENZO(B)FLUORANTHENE	21.6 to 23.2	.24	
BENZO(G,H,I)PERYLENE	21.6 to 23.2	.085	
BENZO(K)FLUORANTHENE	21.6 to 23.2	.12	
CHRYSENE	21.6 to 23.2	.469	
DIBENZO(A,H)ANTHRACENE	21.6 to 23.2	.076	
FLUORANTHENE	21.6 to 23.2	1.01	
INDENO(1,2,3-CD)PYRENE	21.6 to 23.2	.086	
PHENANTHRENE	21.6 to 23.2	.567	
PYRENE	21.6 to 23.2	1.52	
TMETAL (mg/kg)			
LEAD	21.6 to 23.2	31.3	
TPHEXT (mg/kg)			
DIESEL RANGE ORGANICS	21.6 to 23.2	8	JZ
MOTOR OIL RANGE ORGANICS	21.6 to 23.2	52	Y
VOA (mg/kg)			
ACETONE	21.6 to 23.2	.007	JB
METHYLENE CHLORIDE	21.6 to 23.2	.008	J

SBT22-03 SOIL

PAH (mg/kg)			
BENZO(A)ANTHRACENE	23.6 to 24	.002	J
CHRYSENE	23.6 to 24	.0044	
PHENANTHRENE	23.6 to 24	.004	
TMETAL (mg/kg)			
LEAD	23.6 to 24	6.5	
TPHEXT (mg/kg)			
MOTOR OIL RANGE ORGANICS	23.6 to 24	120	
VOA (mg/kg)			
ACETONE	23.6 to 24	.003	JB
METHYLENE CHLORIDE	23.6 to 24	.006	J

SBT21-01 SOIL

PAH (mg/kg)			
1-METHYLNAPHTHALENE	20.5 to 21.4	.41	J
ANTHRACENE	20.5 to 21.4	.03	
BENZO(A)ANTHRACENE	20.5 to 21.4	.11	
FLUORENE	20.5 to 21.4	.047	
PHENANTHRENE	20.5 to 21.4	.19	
TMETAL (mg/kg)			
LEAD	20.5 to 21.4	14	
TPHEXT (mg/kg)			
MOTOR OIL RANGE ORGANICS	20.5 to 21.4	590	
VOA (mg/kg)			
ACETONE	20.5 to 21.4	.007	JB
METHYLENE CHLORIDE	20.5 to 21.4	.006	J

SBT22-02 SOIL

PAH (mg/kg)			
ANTHRACENE	22.6 to 22.9	1.3	
BENZO(A)ANTHRACENE	22.6 to 22.9	2	
BENZO(A)PYRENE	22.6 to 22.9	1.1	
BENZO(B)FLUORANTHENE	22.6 to 22.9	.98	
BENZO(G,H,I)PERYLENE	22.6 to 22.9	.75	
BENZO(K)FLUORANTHENE	22.6 to 22.9	.49	
CHRYSENE	22.6 to 22.9	2.1	
FLUORANTHENE	22.6 to 22.9	6.66	
PHENANTHRENE	22.6 to 22.9	5.79	
PYRENE	22.6 to 22.9	10.2	
TMETAL (mg/kg)			
LEAD	22.6 to 22.9	103	
TPHEXT (mg/kg)			
MOTOR OIL RANGE ORGANICS	22.6 to 22.9	130	Y
VOA (mg/kg)			
ACETONE	22.6 to 22.9	.003	JB
METHYLENE CHLORIDE	22.6 to 22.9	.006	J

SBT21-02 SOIL

PAH (mg/kg)			
ANTHRACENE	20.8 to 21.4	.0088	
BENZO(A)ANTHRACENE	20.8 to 21.4	.031	
BENZO(A)PYRENE	20.8 to 21.4	.031	
BENZO(B)FLUORANTHENE	20.8 to 21.4	.028	
BENZO(G,H,I)PERYLENE	20.8 to 21.4	.018	
BENZO(K)FLUORANTHENE	20.8 to 21.4	.013	
CHRYSENE	20.8 to 21.4	.036	
DIBENZO(A,H)ANTHRACENE	20.8 to 21.4	.013	
FLUORANTHENE	20.8 to 21.4	.128	
INDENO(1,2,3-CD)PYRENE	20.8 to 21.4	.011	
PHENANTHRENE	20.8 to 21.4	.0007	J
PYRENE	20.8 to 21.4	.147	
TMETAL (mg/kg)			
LEAD	20.8 to 21.4	73.8	
TPHEXT (mg/kg)			
MOTOR OIL RANGE ORGANICS	20.8 to 21.4	249	Y
VOA (mg/kg)			
ACETONE	20.8 to 21.4	.006	JB
METHYLENE CHLORIDE	20.8 to 21.4	.006	J

SBT21-03 SOIL

PAH (mg/kg)			
ANTHRACENE	22.7 to 23	.004	
BENZO(A)ANTHRACENE	22.7 to 23	.0051	
BENZO(A)PYRENE	22.7 to 23	.0076	
BENZO(B)FLUORANTHENE	22.7 to 23	.006	
BENZO(G,H,I)PERYLENE	22.7 to 23	.002	
BENZO(K)FLUORANTHENE	22.7 to 23	.003	
CHRYSENE	22.7 to 23	.0063	
DIBENZO(A,H)ANTHRACENE	22.7 to 23	.003	J
FLUORANTHENE	22.7 to 23	.012	
FLUORENE	22.7 to 23	.001	J
INDENO(1,2,3-CD)PYRENE	22.7 to 23	.004	
PHENANTHRENE	22.7 to 23	.015	
PYRENE	22.7 to 23	.03	
TMETAL (mg/kg)			
LEAD	22.7 to 23	6.7	
TPHEXT (mg/kg)			
JP5 RANGE ORGANICS	22.7 to 23	43	Y
VOA (mg/kg)			
ACETONE	22.7 to 23	.003	JB
METHYLENE CHLORIDE	22.7 to 23	.006	J

LEGEND

- MONITORING WELL LOCATION
- SOIL BORING LOCATION

LOCATION ID → SBT09-02 | SOIL → SAMPLE MEDIUM
COMPOUND CLASS → PAH (mg/kg) → UNITS
ANALYTE → FLUORANTHENE 2.5 to 11 3.9 → CONCENTRATION
ANALYTE → PYRENE 2.5 to 11 28 J
SAMPLE DEPTH → QUALIFIER

QUALIFIERS:

U – NOT DETECTED OR LESS THAN METHOD DETECTION LIMIT (MDL)

J – LESS THAN REPORTING LIMIT (RL) BUT GREATER THAN MDL, OR ESTIMATED RESULT

Y – FUEL PATTERN DOES NOT MATCH STANDARD

Z – NO FUEL PATTERN (INDIVIDUAL PEAKS ONLY)

B – A POSITIVE VALUE WAS FOUND IN THE METHOD BLANK

NOTES:

THE ANALYTES DISPLAYED ONLY REPRESENT DETECTABLE CONCENTRATIONS. IN OTHER WORDS, IF AN ANALYTE CONCENTRATION IS NOT DETECTED OR IS LESS THAN THE METHOD DETECTION LIMIT, THE ANALYTE IS NOT LISTED.

40 0 40 80
SCALE: 1" = 80'

PLATE A5
NFD POINT MOLATE
CHARACTERIZATION OF USTs
AND FUEL PIPELINES
SUBSURFACE SOIL ANALYTICAL RESULTS
FROM UST SOIL BORINGS
TANKS 21 THROUGH 24

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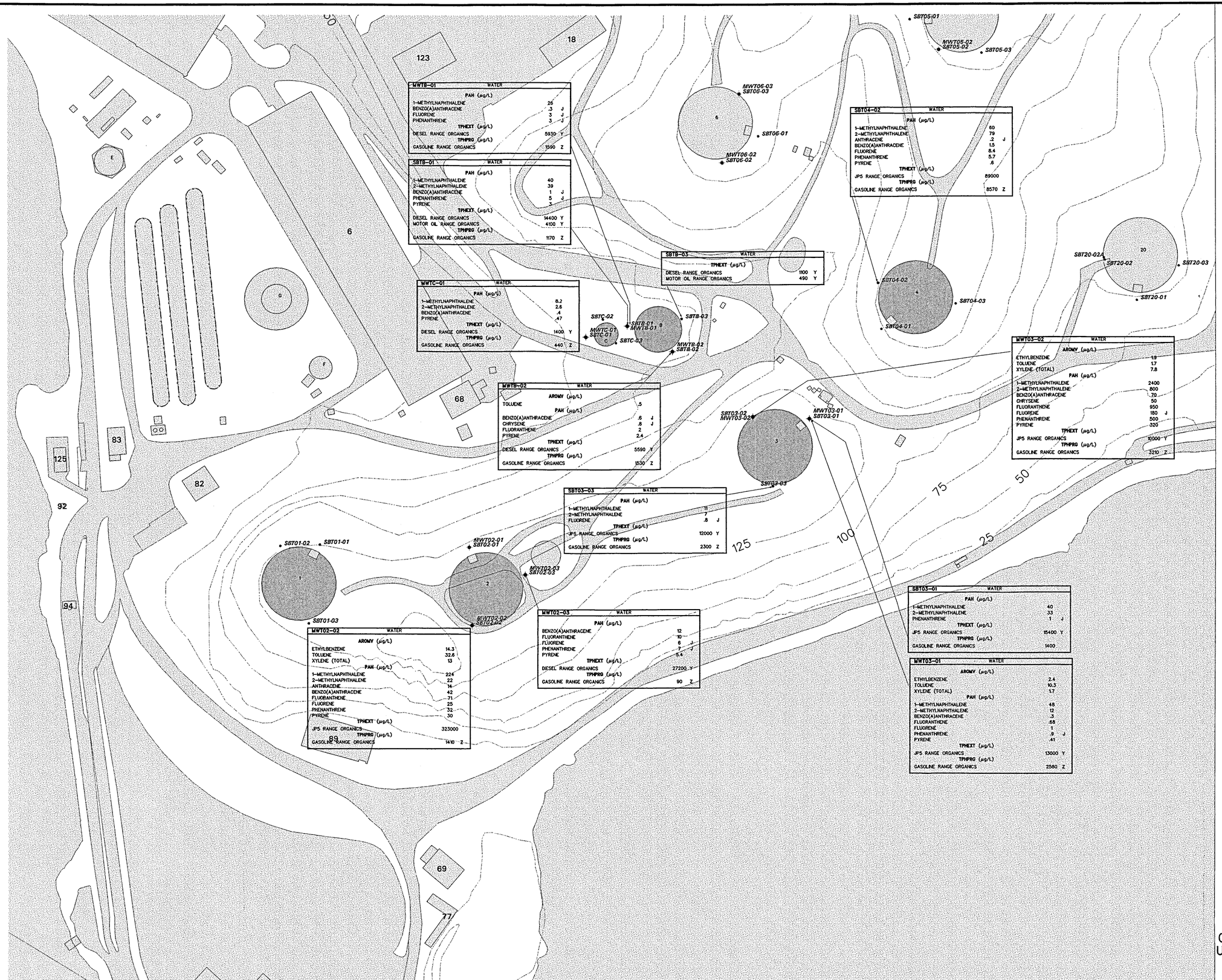

MWT8-01 WATER

PAH (µg/L)		
1-METHYLNAPHTHALENE	26	
BENZO(A)ANTHRACENE	.3	J
FLUORENE	.3	J
PHENANTHRENE	.3	J
TPHEXT (µg/L)		
DIESEL RANGE ORGANICS	5930	Y
TPHPRG (µg/L)		
GASOLINE RANGE ORGANICS	1590	Z

SBT8-01 WATER

PAH (µg/L)		
1-METHYLNAPHTHALENE	40	
2-METHYLNAPHTHALENE	39	
BENZO(A)ANTHRACENE	1	J
PHENANTHRENE	.5	J
PYRENE	.3	
TPHEXT (µg/L)		
DIESEL RANGE ORGANICS	14400	Y
MOTOR OIL RANGE ORGANICS	4100	Y
TPHPRG (µg/L)		
GASOLINE RANGE ORGANICS	1170	Z

MWTC-01 WATER

PAH (µg/L)		
1-METHYLNAPHTHALENE	8.2	
2-METHYLNAPHTHALENE	2.6	
BENZO(A)ANTHRACENE	.4	
PYRENE	.47	
TPHEXT (µg/L)		
DIESEL RANGE ORGANICS	1400	Y
TPHPRG (µg/L)		
GASOLINE RANGE ORGANICS	440	Z

SBT8-03 WATER

TPHEXT (µg/L)		
DIESEL RANGE ORGANICS	1100	Y
MOTOR OIL RANGE ORGANICS	490	Y

MWT8-02 WATER

AROMY (µg/L)		
TOLUENE	.5	
PAH (µg/L)		
BENZO(A)ANTHRACENE	.6	J
CHRYSENE	.8	J
FLUORANTHENE	2	
PYRENE	2.4	
TPHEXT (µg/L)		
DIESEL RANGE ORGANICS	5590	Y
TPHPRG (µg/L)		
GASOLINE RANGE ORGANICS	1530	Z

SBT03-03 WATER

PAH (µg/L)		
1-METHYLNAPHTHALENE	11	
2-METHYLNAPHTHALENE	7	
FLUORENE	.8	J
TPHEXT (µg/L)		
JP5 RANGE ORGANICS	12000	Y
TPHPRG (µg/L)		
GASOLINE RANGE ORGANICS	2300	Z

MWT02-02 WATER

AROMY (µg/L)		
ETHYLBENZENE	14.3	
TOLUENE	32.6	
XYLENE (TOTAL)	13	
PAH (µg/L)		
1-METHYLNAPHTHALENE	224	
2-METHYLNAPHTHALENE	22	
ANTHRACENE	14	
BENZO(A)ANTHRACENE	42	
FLUORANTHENE	71	
FLUORENE	25	
PHENANTHRENE	32	
PYRENE	30	
TPHEXT (µg/L)		
JP5 RANGE ORGANICS	323000	
TPHPRG (µg/L)		
GASOLINE RANGE ORGANICS	1410	Z

MWT02-03 WATER

PAH (µg/L)		
BENZO(A)ANTHRACENE	12	
FLUORANTHENE	10	
FLUORENE	6	J
PHENANTHRENE	7	J
PYRENE	9.4	
TPHEXT (µg/L)		
DIESEL RANGE ORGANICS	27200	Y
TPHPRG (µg/L)		
GASOLINE RANGE ORGANICS	90	Z

SBT04-02 WATER

PAH (µg/L)		
1-METHYLNAPHTHALENE	50	
2-METHYLNAPHTHALENE	79	
ANTHRACENE	2	J
BENZO(A)ANTHRACENE	1.5	
FLUORENE	8.4	
PHENANTHRENE	5.7	
PYRENE	.6	
TPHEXT (µg/L)		
JP5 RANGE ORGANICS	89000	
TPHPRG (µg/L)		
GASOLINE RANGE ORGANICS	8570	Z

MWT03-02 WATER

AROMY (µg/L)		
ETHYLBENZENE	1.9	
TOLUENE	1.7	
XYLENE (TOTAL)	7.8	
PAH (µg/L)		
1-METHYLNAPHTHALENE	2400	
2-METHYLNAPHTHALENE	800	
BENZO(A)ANTHRACENE	70	
CHRYSENE	50	
FLUORANTHENE	950	
FLUORENE	180	J
PHENANTHRENE	500	
PYRENE	320	
TPHEXT (µg/L)		
JP5 RANGE ORGANICS	10000	Y
TPHPRG (µg/L)		
GASOLINE RANGE ORGANICS	3210	Z

SBT03-01 WATER

PAH (µg/L)		
1-METHYLNAPHTHALENE	40	
2-METHYLNAPHTHALENE	33	
PHENANTHRENE	1	J
TPHEXT (µg/L)		
JP5 RANGE ORGANICS	15400	Y
TPHPRG (µg/L)		
GASOLINE RANGE ORGANICS	1400	

MWT03-01 WATER

AROMY (µg/L)		
ETHYLBENZENE	2.4	
TOLUENE	10.3	
XYLENE (TOTAL)	1.7	
PAH (µg/L)		
1-METHYLNAPHTHALENE	48	
2-METHYLNAPHTHALENE	12	
BENZO(A)ANTHRACENE	.3	
FLUORANTHENE	.68	
FLUORENE	1	
PHENANTHRENE	.9	J
PYRENE	.41	
TPHEXT (µg/L)		
JP5 RANGE ORGANICS	13000	Y
TPHPRG (µg/L)		
GASOLINE RANGE ORGANICS	2580	Z

LEGEND

- MONITORING WELL LOCATION
- SOIL BORING LOCATION

LOCATION ID → MWT05-02 WATER → SAMPLE MEDIUM
COMPOUND CLASS → PAH (µg/L) → UNITS
ANALYTE → FLUORANTHENE 3.9 → CONCENTRATION
ANALYTE → PYRENE 28 J → QUALIFIER

QUALIFIERS:

U – NOT DETECTED OR LESS THAN METHOD DETECTION LIMIT (MDL)

J – LESS THAN REPORTING LIMIT (RL) BUT GREATER THAN MDL, OR ESTIMATED RESULT

Y – FUEL PATTERN DOES NOT MATCH STANDARD

Z – NO FUEL PATTERN (INDIVIDUAL PEAKS ONLY)

B – A POSITIVE VALUE WAS FOUND IN THE METHOD BLANK

NOTES:

THE ANALYTES DISPLAYED ONLY REPRESENT DETECTABLE CONCENTRATIONS. IN OTHER WORDS, IF AN ANALYTE CONCENTRATION IS NOT DETECTED OR IS LESS THAN THE METHOD DETECTION LIMIT, THE ANALYTE IS NOT LISTED.

40 0 40 80
SCALE: 1" = 80'

PLATE A6
NFD POINT MOLATE
CHARACTERIZATION OF USTs
AND FUEL PIPELINES
GROUNDWATER ANALYTICAL RESULTS FROM
UST SOIL BORINGS AND MONITORING WELLS
TANKS 1 THROUGH 4, B, C

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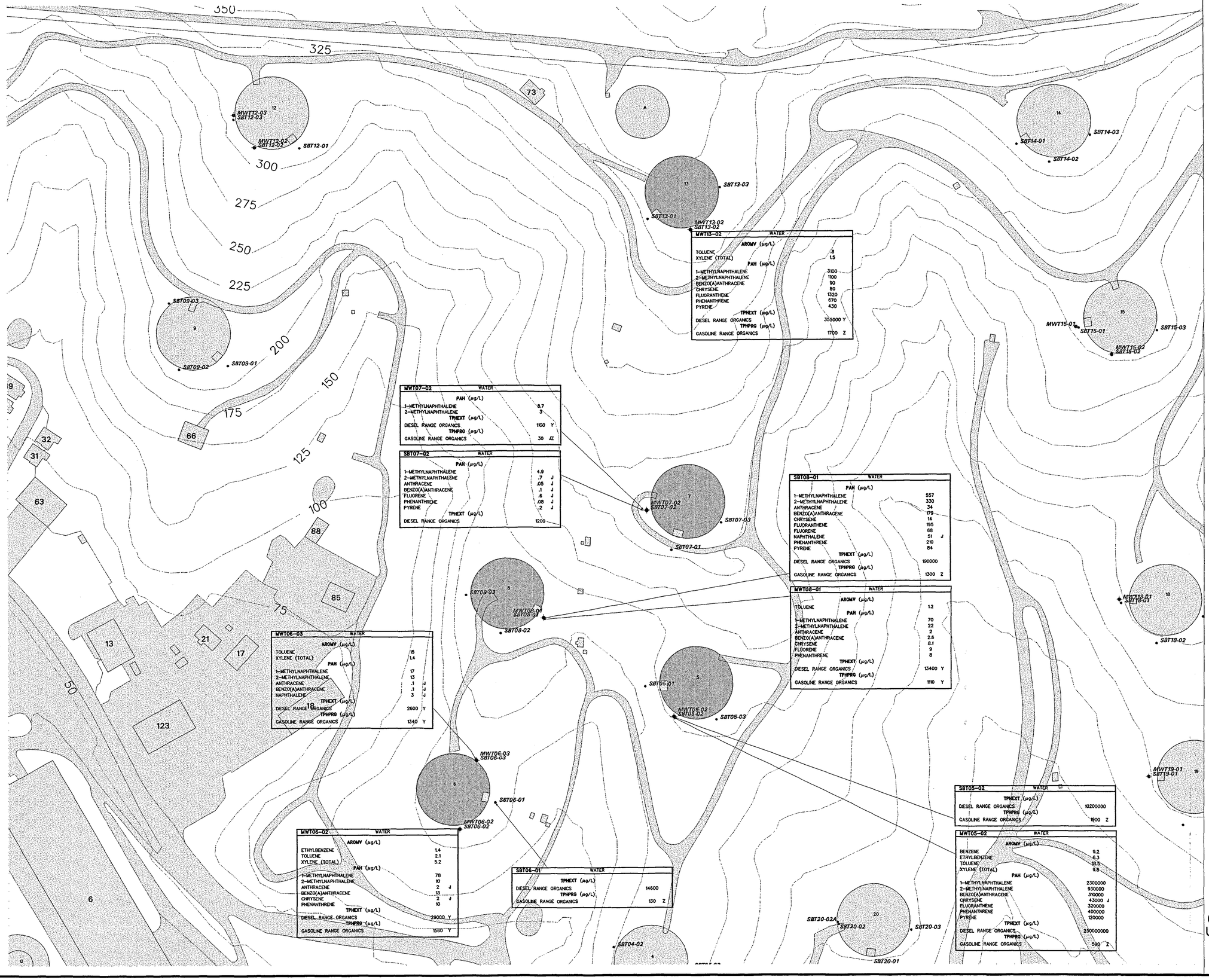

MWT13-02 — WATER

AROMY (µg/L)		
TOLUENE	.8	
XYLENE (TOTAL)	1.5	
PAH (µg/L)		
1-METHYLNAPHTHALENE	3100	
2-METHYLNAPHTHALENE	1100	
BENZO(A)ANTHRACENE	90	
CHRYSENE	80	
FLUORANTHENE	1320	
PHENANTHRENE	670	
PYRENE	430	
TPHEXT (µg/L)		
DIESEL RANGE ORGANICS	355000	Y
TPHPRG (µg/L)		
GASOLINE RANGE ORGANICS	1700	Z

MWT07-02 — WATER

PAH (µg/L)		
1-METHYLNAPHTHALENE	8.7	
2-METHYLNAPHTHALENE	3	
TPHEXT (µg/L)		
DIESEL RANGE ORGANICS	1100	Y
TPHPRG (µg/L)		
GASOLINE RANGE ORGANICS	30	JZ

SBT07-02 — WATER

PAH (µg/L)		
1-METHYLNAPHTHALENE	4.9	
2-METHYLNAPHTHALENE	.7	J
ANTHRACENE	.05	J
BENZO(A)ANTHRACENE	.1	J
FLUORENE	.6	J
PHENANTHRENE	.08	J
PYRENE	.2	J
TPHEXT (µg/L)		
DIESEL RANGE ORGANICS	1200	

SBT08-01 — WATER

PAH (µg/L)		
1-METHYLNAPHTHALENE	557	
2-METHYLNAPHTHALENE	330	
ANTHRACENE	34	
BENZO(A)ANTHRACENE	179	
CHRYSENE	14	
FLUORANTHENE	195	
FLUORENE	68	
NAPHTHALENE	51	J
PHENANTHRENE	210	
PYRENE	84	
TPHEXT (µg/L)		
DIESEL RANGE ORGANICS	190000	
TPHPRG (µg/L)		
GASOLINE RANGE ORGANICS	1300	Z

MWT08-01 — WATER

AROMY (µg/L)		
TOLUENE	1.2	
PAH (µg/L)		
1-METHYLNAPHTHALENE	70	
2-METHYLNAPHTHALENE	22	
ANTHRACENE	2	
BENZO(A)ANTHRACENE	2.6	
CHRYSENE	8.1	
FLUORENE	9	
PHENANTHRENE	8	
TPHEXT (µg/L)		
DIESEL RANGE ORGANICS	13400	Y
TPHPRG (µg/L)		
GASOLINE RANGE ORGANICS	1110	Y

MWT06-03 — WATER

AROMY (µg/L)		
TOLUENE	.15	
XYLENE (TOTAL)	1.4	
PAH (µg/L)		
1-METHYLNAPHTHALENE	17	
2-METHYLNAPHTHALENE	13	
ANTHRACENE	.1	J
BENZO(A)ANTHRACENE	.1	J
NAPHTHALENE	3	J
TPHEXT (µg/L)		
DIESEL RANGE ORGANICS	2600	Y
TPHPRG (µg/L)		
GASOLINE RANGE ORGANICS	1340	Y

MWT06-02 — WATER

AROMY (µg/L)		
ETHYLBENZENE	1.4	
TOLUENE	2.1	
XYLENE (TOTAL)	5.2	
PAH (µg/L)		
1-METHYLNAPHTHALENE	78	
2-METHYLNAPHTHALENE	10	
ANTHRACENE	2	J
BENZO(A)ANTHRACENE	.13	
CHRYSENE	2	J
PHENANTHRENE	10	
TPHEXT (µg/L)		
DIESEL RANGE ORGANICS	29000	Y
TPHPRG (µg/L)		
GASOLINE RANGE ORGANICS	1560	Y

SBT06-01 — WATER

TPHEXT (µg/L)		
DIESEL RANGE ORGANICS	14600	
TPHPRG (µg/L)		
GASOLINE RANGE ORGANICS	130	Z

SBT05-02 — WATER

TPHEXT (µg/L)		
DIESEL RANGE ORGANICS	10200000	
TPHPRG (µg/L)		
GASOLINE RANGE ORGANICS	1900	Z

MWT05-02 — WATER

AROMY (µg/L)		
BENZENE	9.2	
ETHYLBENZENE	6.3	
TOLUENE	13.5	
XYLENE (TOTAL)	9.8	
PAH (µg/L)		
1-METHYLNAPHTHALENE	2300000	
2-METHYLNAPHTHALENE	930000	
BENZO(A)ANTHRACENE	310000	
CHRYSENE	43000	J
FLUORANTHENE	320000	
PHENANTHRENE	400000	
PYRENE	120000	
TPHEXT (µg/L)		
DIESEL RANGE ORGANICS	250000000	
TPHPRG (µg/L)		
GASOLINE RANGE ORGANICS	590	Z

LEGEND

- ✦ MONITORING WELL LOCATION
- ● SOIL BORING LOCATION

LOCATION ID	MWT05-02	WATER	SAMPLE MEDIUM
COMPOUND CLASS	PAH (µg/L)		UNITS
ANALYTE	FLUORANTHENE	3.9	CONCENTRATION
	PYRENE	28 J	QUALIFIER

QUALIFIERS:

U – NOT DETECTED OR LESS THAN METHOD DETECTION LIMIT (MDL)

J – LESS THAN REPORTING LIMIT (RL) BUT GREATER THAN MDL, OR ESTIMATED RESULT

Y – FUEL PATTERN DOES NOT MATCH STANDARD

Z – NO FUEL PATTERN (INDIVIDUAL PEAKS ONLY)

B – A POSITIVE VALUE WAS FOUND IN THE METHOD BLANK

NOTES:

THE ANALYTES DISPLAYED ONLY REPRESENT DETECTABLE CONCENTRATIONS. IN OTHER WORDS, IF AN ANALYTE CONCENTRATION IS NOT DETECTED OR IS LESS THAN THE METHOD DETECTION LIMIT, THE ANALYTE IS NOT LISTED.

40 0 40 80
SCALE: 1" = 80'

PLATE A7
NFD POINT MOLATE
CHARACTERIZATION OF USTs AND FUEL PIPELINES
GROUNDWATER ANALYTICAL RESULTS FROM UST SOIL BORINGS AND MONITORING WELLS
TANKS 5 THROUGH 8, 13

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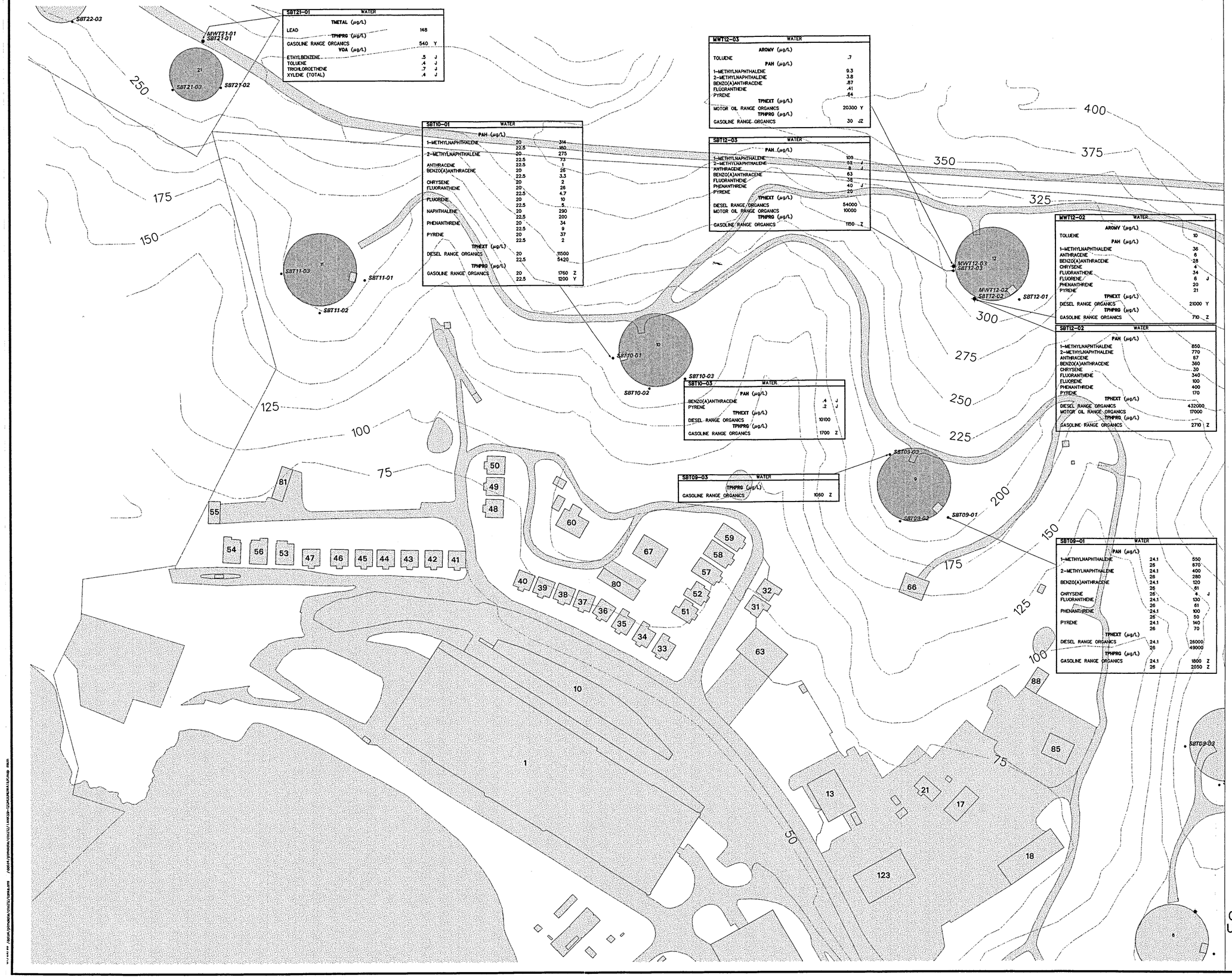

SBT21-01	WATER	
TMETAL (µg/L)		
LEAD	148	
TPHPRG (µg/L)		
GASOLINE RANGE ORGANICS	540	Y
VOA (µg/L)		
ETHYLBENZENE	.5	J
TOLUENE	.4	J
TRICHLOROETHENE	.7	J
XYLENE (TOTAL)	.4	J

MWT12-03	WATER	
AROMV (µg/L)		
TOLUENE	.7	
PAH (µg/L)		
1-METHYLNAPHTHALENE	9.3	
2-METHYLNAPHTHALENE	3.8	
BENZO(A)ANTHRACENE	.87	
FLUORANTHENE	.41	
PYRENE	.64	
TPHEXT (µg/L)		
MOTOR OIL RANGE ORGANICS	20300	Y
TPHPRG (µg/L)		
GASOLINE RANGE ORGANICS	30	JZ

SBT10-01	WATER		
PAH (µg/L)			
1-METHYLNAPHTHALENE	20	314	
	22.5	380	
2-METHYLNAPHTHALENE	20	275	
	22.5	73	
ANTHRACENE	22.5	1	
BENZO(A)ANTHRACENE	20	26	
	22.5	3.3	
CHRYSENE	20	2	
FLUORANTHENE	20	26	
	22.5	4.7	
FLUORENE	20	10	
	22.5	5	
NAPHTHALENE	20	290	
	22.5	200	
PHENANTHRENE	20	34	
	22.5	9	
PYRENE	20	37	
	22.5	2	
TPHEXT (µg/L)			
DIESEL RANGE ORGANICS	20	11500	
	22.5	5420	
TPHPRG (µg/L)			
GASOLINE RANGE ORGANICS	20	1760	Z
	22.5	1200	Y

SBT12-03	WATER	
PAH (µg/L)		
1-METHYLNAPHTHALENE	100	
2-METHYLNAPHTHALENE	52	
ANTHRACENE	8	
BENZO(A)ANTHRACENE	63	
FLUORANTHENE	38	
PHENANTHRENE	40	J
PYRENE	20	
TPHEXT (µg/L)		
DIESEL RANGE ORGANICS	54000	
MOTOR OIL RANGE ORGANICS	10000	
TPHPRG (µg/L)		
GASOLINE RANGE ORGANICS	1150	Z

MWT12-02	WATER	
AROMV (µg/L)		
TOLUENE	10	
PAH (µg/L)		
1-METHYLNAPHTHALENE	36	
ANTHRACENE	6	
BENZO(A)ANTHRACENE	28	
CHRYSENE	4	
FLUORANTHENE	34	
FLUORENE	6	J
PHENANTHRENE	20	
PYRENE	21	
TPHEXT (µg/L)		
DIESEL RANGE ORGANICS	21000	Y
TPHPRG (µg/L)		
GASOLINE RANGE ORGANICS	710	Z

SBT12-02	WATER	
PAH (µg/L)		
1-METHYLNAPHTHALENE	850	
2-METHYLNAPHTHALENE	770	
ANTHRACENE	57	
BENZO(A)ANTHRACENE	360	
CHRYSENE	30	
FLUORANTHENE	340	
FLUORENE	100	
PHENANTHRENE	400	
PYRENE	170	
TPHEXT (µg/L)		
DIESEL RANGE ORGANICS	432000	
MOTOR OIL RANGE ORGANICS	17000	
TPHPRG (µg/L)		
GASOLINE RANGE ORGANICS	2710	Z

SBT10-03	WATER	
PAH (µg/L)		
BENZO(A)ANTHRACENE	.4	J
PYRENE	.2	J
TPHEXT (µg/L)		
DIESEL RANGE ORGANICS	10100	
TPHPRG (µg/L)		
GASOLINE RANGE ORGANICS	1700	Z

SBT09-03	WATER	
TPHPRG (µg/L)		
GASOLINE RANGE ORGANICS	1060	Z

SBT09-01	WATER		
PAH (µg/L)			
1-METHYLNAPHTHALENE	24.1	550	
	26	670	
2-METHYLNAPHTHALENE	24.1	400	
	26	280	
BENZO(A)ANTHRACENE	24.1	120	
	26	81	
CHRYSENE	26	4	J
FLUORANTHENE	24.1	130	
	26	61	
PHENANTHRENE	24.1	100	
	26	50	
PYRENE	24.1	140	
	26	70	
TPHEXT (µg/L)			
DIESEL RANGE ORGANICS	24.1	26000	
	26	49000	
TPHPRG (µg/L)			
GASOLINE RANGE ORGANICS	24.1	1800	Z
	26	2050	Z

LEGEND

✦ MONITORING WELL LOCATION

● SOIL BORING LOCATION

LOCATION ID → MWT05-02 WATER → SAMPLE MEDIUM
COMPOUND CLASS → PAH (µg/L) → UNITS
ANALYTE → FLUORANTHENE 3.9 → CONCENTRATION
SAMPLE DEPTH WHERE APPLICABLE → PYRENE 24.1 28 J → QUALIFIER

QUALIFIERS:

U – NOT DETECTED OR LESS THAN METHOD DETECTION LIMIT (MDL)

J – LESS THAN REPORTING LIMIT (RL) BUT GREATER THAN MDL, OR ESTIMATED RESULT

Y – FUEL PATTERN DOES NOT MATCH STANDARD

Z – NO FUEL PATTERN (INDIVIDUAL PEAKS ONLY)

B – A POSITIVE VALUE WAS FOUND IN THE METHOD BLANK

NOTES:

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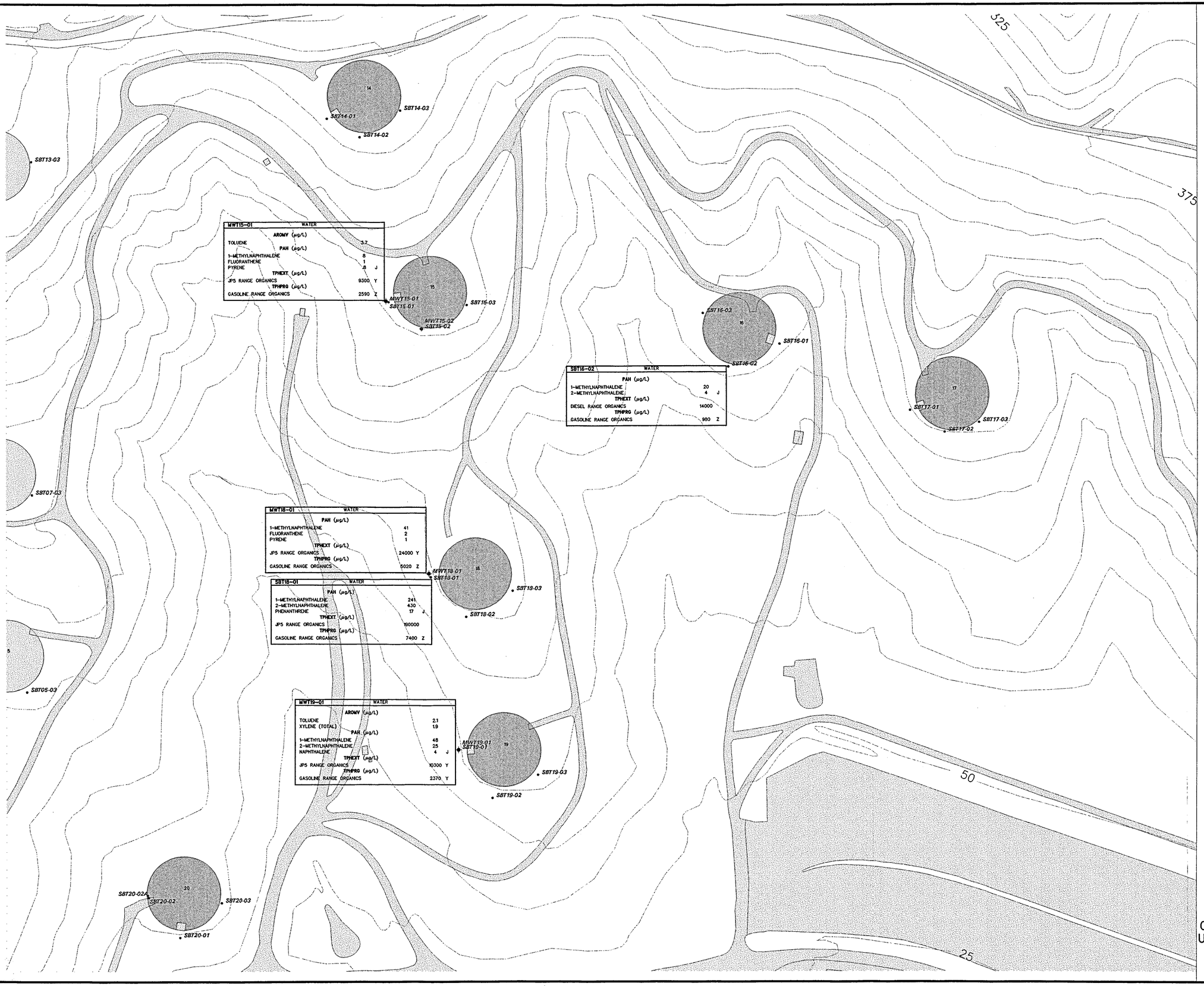
40 0 40 80
SCALE: 1" = 80'

PLATE A8
NFD POINT MOLATE
CHARACTERIZATION OF USTs
AND FUEL PIPELINES
GROUNDWATER ANALYTICAL RESULTS FROM
UST SOIL BORINGS AND MONITORING WELLS
TANKS 9 THROUGH 12, 21



MWT15-01	WATER
AROMV (µg/L)	
TOLUENE	3.7
PAH (µg/L)	
1-METHYLNAPHTHALENE	8
FLUORANTHENE	1
PYRENE	8 J
TPHEXT (µg/L)	
JP5 RANGE ORGANICS	9300 Y
TPHPRG (µg/L)	
GASOLINE RANGE ORGANICS	2590 Z

SBT16-02	WATER
PAH (µg/L)	
1-METHYLNAPHTHALENE	20
2-METHYLNAPHTHALENE	4 J
TPHEXT (µg/L)	
DIESEL RANGE ORGANICS	14000
TPHPRG (µg/L)	
GASOLINE RANGE ORGANICS	980 Z

MWT18-01	WATER
PAH (µg/L)	
1-METHYLNAPHTHALENE	41
FLUORANTHENE	2
PYRENE	1
TPHEXT (µg/L)	
JP5 RANGE ORGANICS	24000 Y
TPHPRG (µg/L)	
GASOLINE RANGE ORGANICS	5020 Z

SBT18-01	WATER
PAH (µg/L)	
1-METHYLNAPHTHALENE	241
2-METHYLNAPHTHALENE	430
PHENANTHRENE	17 J
TPHEXT (µg/L)	
JP5 RANGE ORGANICS	190000
TPHPRG (µg/L)	
GASOLINE RANGE ORGANICS	7400 Z

MWT19-01	WATER
AROMV (µg/L)	
TOLUENE	2.1
XYLENE (TOTAL)	1.9
PAH (µg/L)	
1-METHYLNAPHTHALENE	48
2-METHYLNAPHTHALENE	25
NAPHTHALENE	4 J
TPHEXT (µg/L)	
JP5 RANGE ORGANICS	10300 Y
TPHPRG (µg/L)	
GASOLINE RANGE ORGANICS	2370 Y

LEGEND

- MONITORING WELL LOCATION
- SOIL BORING LOCATION

LOCATION ID	MWT05-02	WATER	SAMPLE MEDIUM
COMPOUND CLASS	PAH (µg/L)		UNITS
ANALYTE	FLUORANTHENE	3.9	CONCENTRATION
	PYRENE	28 J	QUALIFIER

QUALIFIERS:

U – NOT DETECTED OR LESS THAN METHOD DETECTION LIMIT (MDL)

J – LESS THAN REPORTING LIMIT (RL) BUT GREATER THAN MDL, OR ESTIMATED RESULT

Y – FUEL PATTERN DOES NOT MATCH STANDARD

Z – NO FUEL PATTERN (INDIVIDUAL PEAKS ONLY)

B – A POSITIVE VALUE WAS FOUND IN THE METHOD BLANK

NOTES:

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40 0 40 80
SCALE: 1" = 80'

PLATE A9
NFD POINT MOLATE
CHARACTERIZATION OF USTs
AND FUEL PIPELINES
GROUNDWATER ANALYTICAL RESULTS FROM
UST SOIL BORINGS AND MONITORING WELLS
TANKS 14 THROUGH 20

LEGEND

- ✦ MONITORING WELL LOCATION
- ● SOIL BORING LOCATION

LOCATION ID	MW03-03	SOIL			SAMPLE MEDIUM
COMPOUND CLASS	PAH (mg/kg)				UNITS
ANALYTE	FLUORANTHENE	2.5 to 11	3.9		CONCENTRATION
	PYRENE	2.5 to 11	28	J	QUALIFIER
					SAMPLE DEPTH

QUALIFIERS:

U – NOT DETECTED OR LESS THAN METHOD DETECTION LIMIT (MDL)

J – LESS THAN REPORTING LIMIT (RL) BUT GREATER THAN MDL, OR ESTIMATED RESULT

Y – FUEL PATTERN DOES NOT MATCH STANDARD

Z – NO FUEL PATTERN (INDIVIDUAL PEAKS ONLY)

B – A POSITIVE VALUE WAS FOUND IN THE METHOD BLANK

NOTES:

THE ANALYTES DISPLAYED ONLY REPRESENT DETECTABLE CONCENTRATIONS. IN OTHER WORDS, IF AN ANALYTE CONCENTRATION IS NOT DETECTED OR IS LESS THAN THE METHOD DETECTION LIMIT, THE ANALYTE IS NOT LISTED.

125 0 125 250
SCALE: 1" = 250'

PLATE A10
NFD POINT MOLATE
CHARACTERIZATION OF USTs AND FUEL PIPELINES
ANALYTICAL RESULTS (SOIL AND GROUNDWATER)
FROM DRAINAGE AREA MONITORING POINTS

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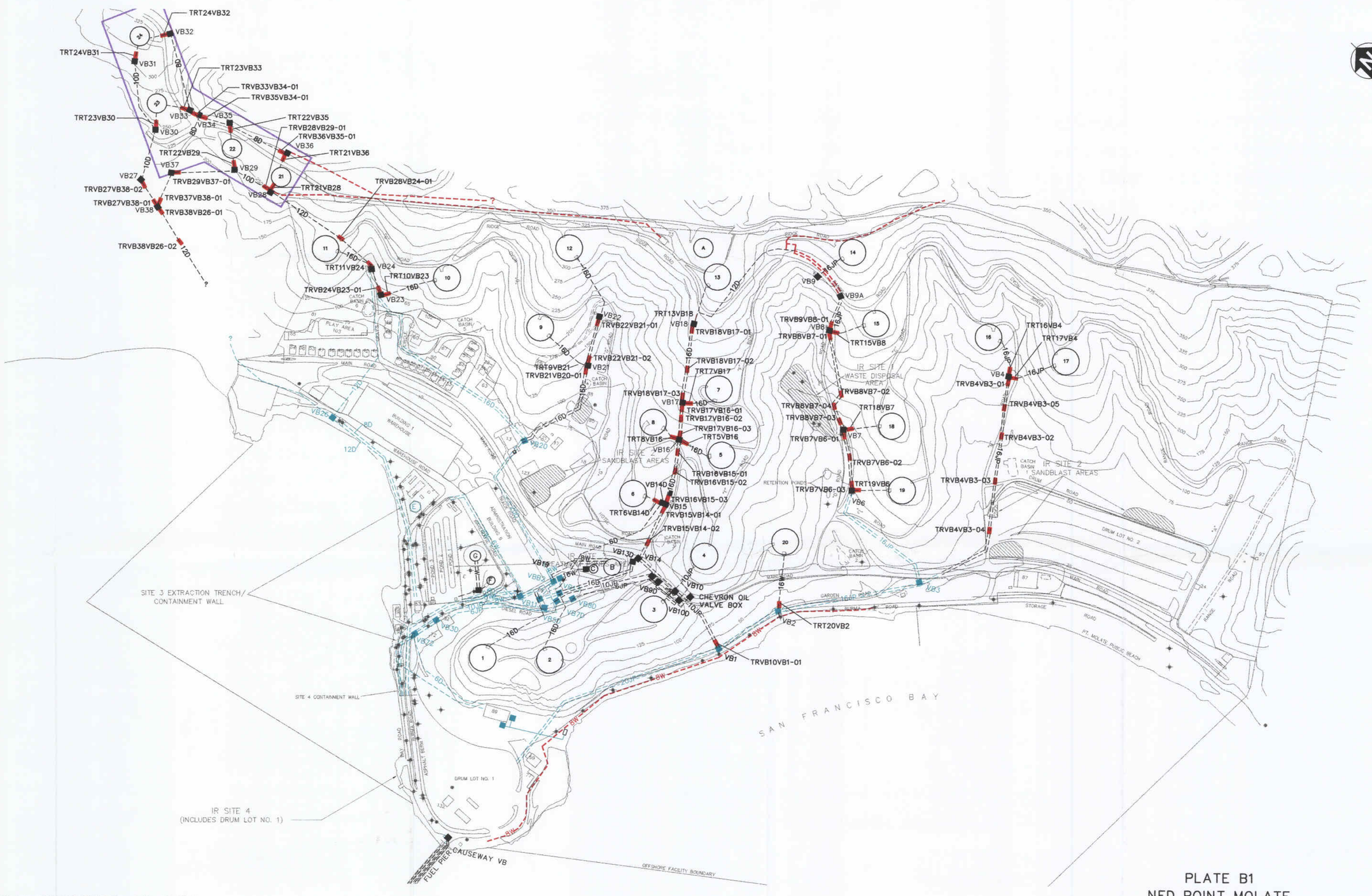


LEGEND

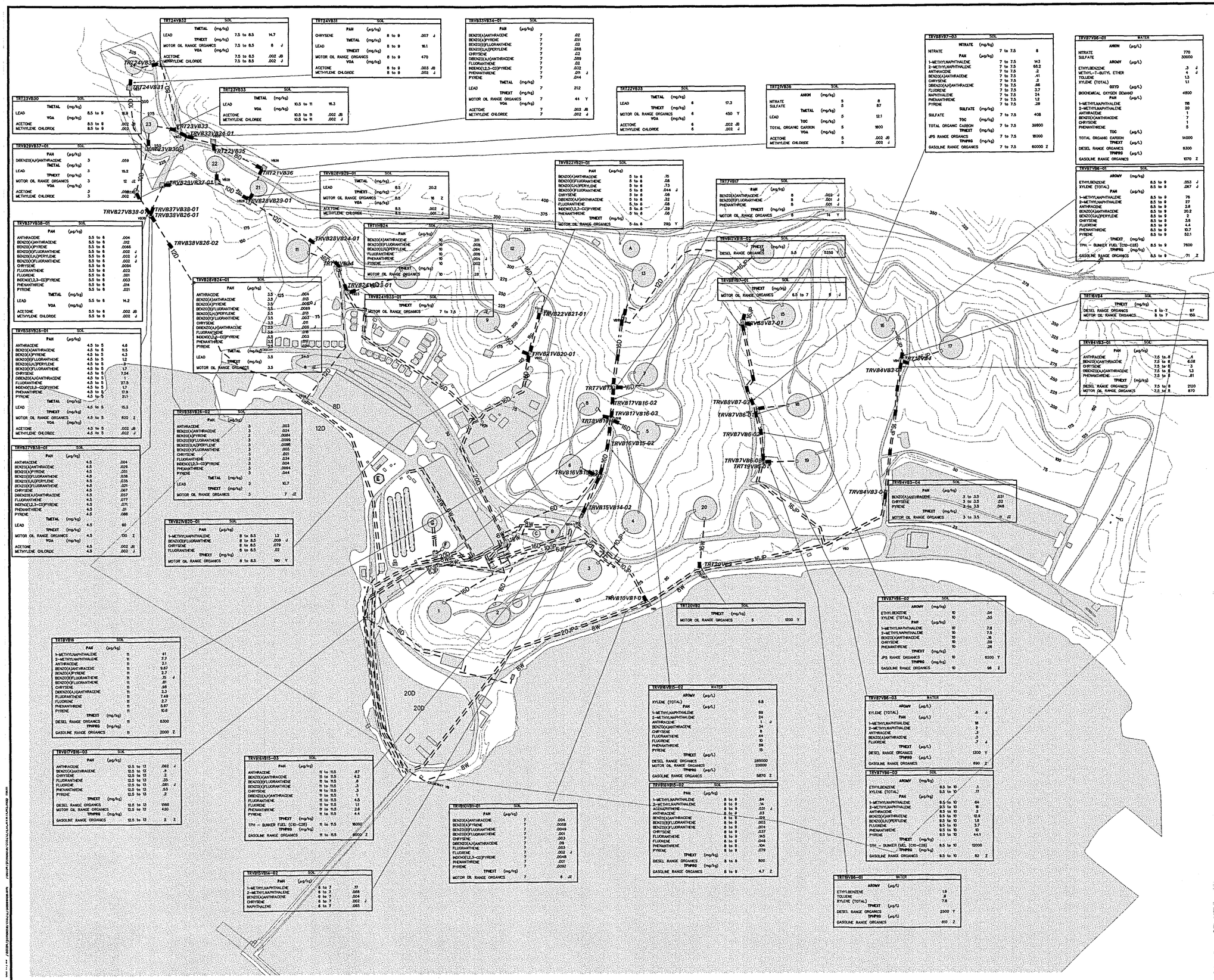
==16D== PHASE I FUEL PIPELINE AND VALVE BOX EXCAVATION LOCATIONS

- - - - - PIPELINES BEING REMOVED UNDER BASEWIDE PIPELINE REMOVALS

250' 0 250' 500'

SCALE: 1" = 250'

PLATE B1
NFD POINT MOLATE
PHASE I CHARACTERIZATION OF USTs AND FUEL PIPELINES
INTERIM SUMMARY MEMORANDUM
FUEL PIPELINES AND VALVE BOX
EXCAVATION LOCATIONS



LEGEND

EXCAVATION LOCATION

LOCATION ID	TRT8VB16	SOIL		SAMPLE MEDIUM
COMPOUND CLASS		PAH (mg/kg)		UNITS
ANALYTE	FLUORANTHENE	2.5 to 11	3.9	CONCENTRATION
	PYRENE	2.5 to 11	28 J	QUALIFIER
				SAMPLE DEPTH

QUALIFIERS:

U – NOT DETECTED OR LESS THAN METHOD DETECTION LIMIT (MDL)

J – LESS THAN REPORTING LIMIT (RL) BUT GREATER THAN MDL, OR ESTIMATED RESULT

Y – FUEL PATTERN DOES NOT MATCH STANDARD

Z – NO FUEL PATTERN (INDIVIDUAL PEAKS ONLY)

B – A POSITIVE VALUE WAS FOUND IN THE METHOD BLANK

NOTES:

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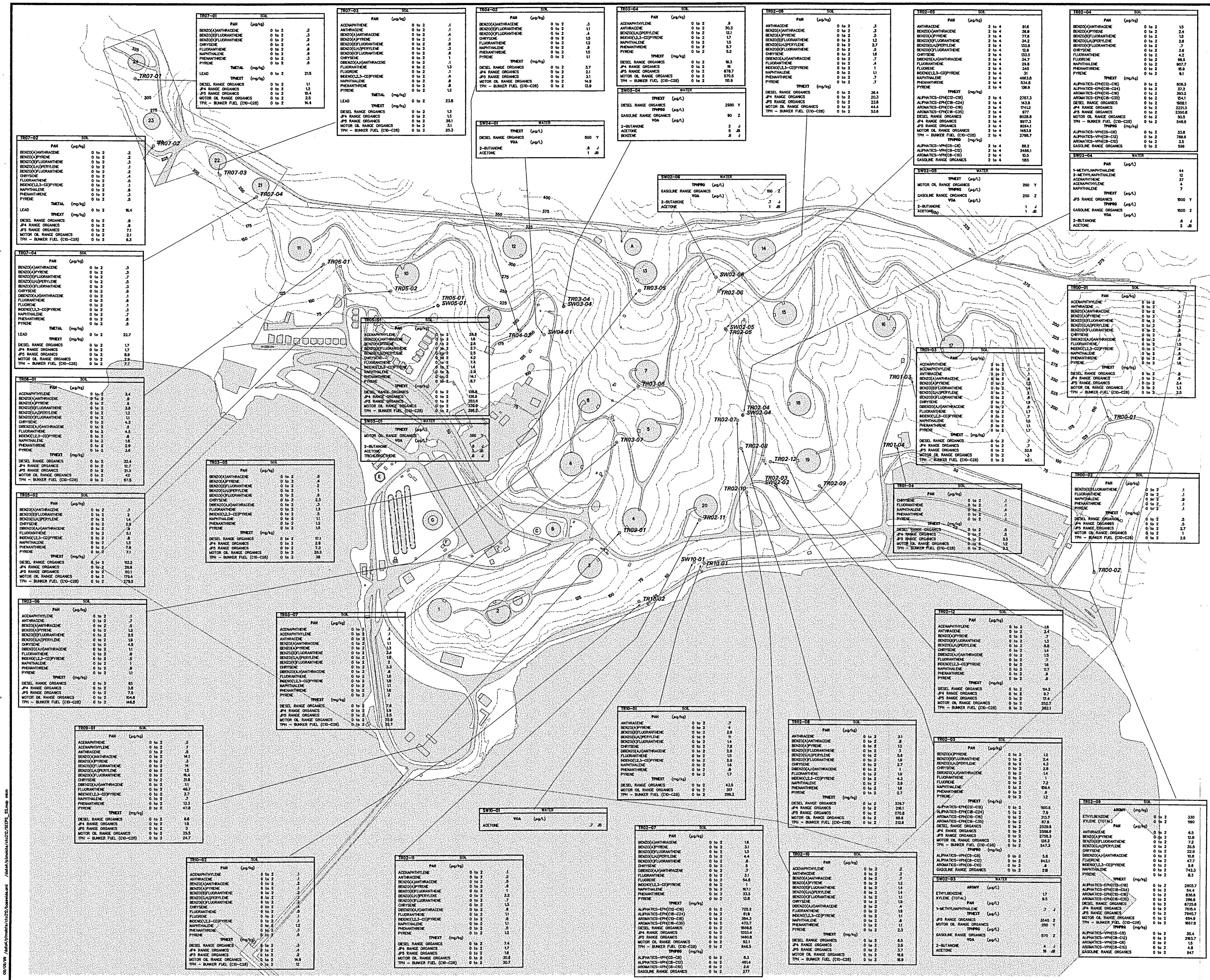
125 0 125 250
SCALE: 1" = 250'

PLATE B2
NFD POINT MOLATE CHARACTERIZATION OF USTs AND FUEL PIPELINES ANALYTICAL RESULTS (SOIL AND GROUNDWATER) FROM EXCAVATIONS ADJACENT TO FUEL PIPELINES AND VALVE BOXES

PLATE C1
NFD POINT MOLATE
PHASE I CHARACTERIZATION OF USTs AND FUEL PIPELINES
INTERIM SUMMARY MEMORANDUM
SURFACE SOIL AND SEEP SAMPLING LOCATIONS



TR07-01		SOIL
PAH (µg/kg)		
BENZO(A)ANTHRACENE	0 to 2	.2
BENZO(B)FLUORANTHENE	0 to 2	.3
BENZO(K)FLUORANTHENE	0 to 2	.2
CHRYSENE	0 to 2	.4
FLUORANTHENE	0 to 2	.6
NAPHTHALENE	0 to 2	.6
PHENANTHRENE	0 to 2	.3
PYRENE	0 to 2	.6
TMETAL (mg/kg)		
LEAD	0 to 2	21.5
TPHEXT (mg/kg)		
DIESEL RANGE ORGANICS	0 to 2	1.1
JP4 RANGE ORGANICS	0 to 2	1.2
JP5 RANGE ORGANICS	0 to 2	15.4
MOTOR OIL RANGE ORGANICS	0 to 2	2.5
TPH – BUNKER FUEL (C10–C28)	0 to 2	14.4

TR07-03		SOIL
PAH (µg/kg)		
ACENAPHTHENE	0 to 2	.1
ANTHRACENE	0 to 2	.1
BENZO(A)ANTHRACENE	0 to 2	.4
BENZO(A)PYRENE	0 to 2	.1
BENZO(B)FLUORANTHENE	0 to 2	.8
BENZO(G,H,I)PERYLENE	0 to 2	.3
BENZO(K)FLUORANTHENE	0 to 2	.6
CHRYSENE	0 to 2	1
DIBENZO(A,H)ANTHRACENE	0 to 2	.1
FLUORANTHENE	0 to 2	1.3
FLUORENE	0 to 2	.1
INDENO(1,2,3-CD)PYRENE	0 to 2	.4
NAPHTHALENE	0 to 2	.6
PHENANTHRENE	0 to 2	.8
PYRENE	0 to 2	1.2
TMETAL (mg/kg)		
LEAD	0 to 2	23.8
TPHEXT (mg/kg)		
DIESEL RANGE ORGANICS	0 to 2	1.3
JP4 RANGE ORGANICS	0 to 2	1.3
JP5 RANGE ORGANICS	0 to 2	28.1
MOTOR OIL RANGE ORGANICS	0 to 2	3.1
TPH – BUNKER FUEL (C10–C28)	0 to 2	25.3

TR04-02		SOIL
PAH (µg/kg)		
BENZO(A)ANTHRACENE	0 to 2	.3
BENZO(B)FLUORANTHENE	0 to 2	1.1
BENZO(K)FLUORANTHENE	0 to 2	.4
CHRYSENE	0 to 2	1.5
FLUORANTHENE	0 to 2	1.2
NAPHTHALENE	0 to 2	.9
PHENANTHRENE	0 to 2	1.5
PYRENE	0 to 2	1.1
TPHEXT (mg/kg)		
DIESEL RANGE ORGANICS	0 to 2	3.7
JP4 RANGE ORGANICS	0 to 2	2.1
JP5 RANGE ORGANICS	0 to 2	3.1
MOTOR OIL RANGE ORGANICS	0 to 2	14.9
TPH – BUNKER FUEL (C10–C28)	0 to 2	13.9

SW04-01		WATER
TPHEXT (µg/L)		
DIESEL RANGE ORGANICS		500 Y
VOA (µg/L)		
2-BUTANONE		.8 J
ACETONE		1 JB

TR03-04		SOIL
PAH (µg/kg)		
ACENAPHTHYLENE	0 to 2	.9
ANTHRACENE	0 to 2	30.3
BENZO(G,H,I)PERYLENE	0 to 2	12.1
INDENO(1,2,3-CD)PYRENE	0 to 2	1.7
NAPHTHALENE	0 to 2	1.5
PHENANTHRENE	0 to 2	5.7
PYRENE	0 to 2	5.2
TPHEXT (mg/kg)		
DIESEL RANGE ORGANICS	0 to 2	19.3
JP4 RANGE ORGANICS	0 to 2	18
JP5 RANGE ORGANICS	0 to 2	678.7
MOTOR OIL RANGE ORGANICS	0 to 2	570.5
TPH – BUNKER FUEL (C10–C28)	0 to 2	115.9

SW03-04		WATER
TPHEXT (µg/L)		
DIESEL RANGE ORGANICS		2980 Y
TPHPRG (µg/L)		
GASOLINE RANGE ORGANICS		90 Z
VOA (µg/L)		
2-BUTANONE		2 J
ACETONE		5 JB
BENZENE		.9 J

TR02-06		SOIL
PAH (µg/kg)		
ANTHRACENE	0 to 2	.3
BENZO(A)ANTHRACENE	0 to 2	.3
BENZO(A)PYRENE	0 to 2	.5
BENZO(B)FLUORANTHENE	0 to 2	1.2
BENZO(G,H,I)PERYLENE	0 to 2	2.7
BENZO(K)FLUORANTHENE	0 to 2	.5
CHRYSENE	0 to 2	1.6
DIBENZO(A,H)ANTHRACENE	0 to 2	.7
FLUORANTHENE	0 to 2	.4
INDENO(1,2,3-CD)PYRENE	0 to 2	1
NAPHTHALENE	0 to 2	1.1
PHENANTHRENE	0 to 2	.7
PYRENE	0 to 2	.7
TPHEXT (mg/kg)		
DIESEL RANGE ORGANICS	0 to 2	36.4
JP4 RANGE ORGANICS	0 to 2	20.3
JP5 RANGE ORGANICS	0 to 2	23.6
MOTOR OIL RANGE ORGANICS	0 to 2	44.4
TPH – BUNKER FUEL (C10–C28)	0 to 2	53.6

SW02-06		WATER
TPHPRG (µg/L)		
GASOLINE RANGE ORGANICS		100 Z
VOA (µg/L)		
2-BUTANONE		.7 J
ACETONE		1 JB

TR02-05		SOIL
PAH (µg/kg)		
ANTHRACENE	2 to 4	81.6
BENZO(A)ANTHRACENE	2 to 4	36.9
BENZO(A)PYRENE	2 to 4	77.8
BENZO(B)FLUORANTHENE	2 to 4	34.2
BENZO(G,H,I)PERYLENE	2 to 4	130.8
BENZO(K)FLUORANTHENE	2 to 4	12.9
CHRYSENE	2 to 4	133.5
DIBENZO(A,H)ANTHRACENE	2 to 4	34.7
FLUORANTHENE	2 to 4	29.8
FLUORENE	2 to 4	345
INDENO(1,2,3-CD)PYRENE	2 to 4	31
NAPHTHALENE	2 to 4	4663.8
PHENANTHRENE	2 to 4	534.5
PYRENE	2 to 4	136.6
TPHEXT (mg/kg)		
ALIPHATICS-EPH(C12–C18)	2 to 4	2767.3
ALIPHATICS-EPH(C18–C24)	2 to 4	143.8
AROMATICS-EPH(C10–C16)	2 to 4	1741.2
AROMATICS-EPH(C16–C35)	2 to 4	977
DIESEL RANGE ORGANICS	2 to 4	8028.8
JP4 RANGE ORGANICS	2 to 4	8917.3
JP5 RANGE ORGANICS	2 to 4	9264.1
MOTOR OIL RANGE ORGANICS	2 to 4	1483.9
TPH – BUNKER FUEL (C10–C28)	2 to 4	2798.7
TPHPRG (mg/kg)		
ALIPHATICS-VPH(C5–C8)	2 to 4	86.2
ALIPHATICS-VPH(C8–C12)	2 to 4	3488.1
AROMATICS-VPH(C8–C10)	2 to 4	10.5
GASOLINE RANGE ORGANICS	2 to 4	1185

SW02-05		WATER
TPHEXT (µg/L)		
MOTOR OIL RANGE ORGANICS		290 Y
TPHPRG (µg/L)		
GASOLINE RANGE ORGANICS		250 Z
VOA (µg/L)		
2-BUTANONE		1 J
ACETONE		1 JB

TR02-04		SOIL
PAH (µg/kg)		
BENZO(A)ANTHRACENE	0 to 2	1.5
BENZO(A)PYRENE	0 to 2	2.4
BENZO(B)FLUORANTHENE	0 to 2	1.5
BENZO(G,H,I)PERYLENE	0 to 2	2.6
BENZO(K)FLUORANTHENE	0 to 2	.7
CHRYSENE	0 to 2	3.9
FLUORANTHENE	0 to 2	4.2
FLUORENE	0 to 2	96.5
NAPHTHALENE	0 to 2	907.7
PHENANTHRENE	0 to 2	15.9
PYRENE	0 to 2	9.1
TPHEXT (mg/kg)		
ALIPHATICS-EPH(C12–C18)	0 to 2	606.3
ALIPHATICS-EPH(C18–C24)	0 to 2	37.2
AROMATICS-EPH(C10–C16)	0 to 2	393.2
AROMATICS-EPH(C16–C35)	0 to 2	154.1
DIESEL RANGE ORGANICS	0 to 2	1988.1
JP4 RANGE ORGANICS	0 to 2	2221.3
JP5 RANGE ORGANICS	0 to 2	2350.8
MOTOR OIL RANGE ORGANICS	0 to 2	50.5
TPH – BUNKER FUEL (C10–C28)	0 to 2	546.9
TPHPRG (mg/kg)		
ALIPHATICS-VPH(C5–C8)	0 to 2	33.8
ALIPHATICS-VPH(C8–C12)	0 to 2	786.6
AROMATICS-VPH(C8–C10)	0 to 2	3.5
GASOLINE RANGE ORGANICS	0 to 2	599

SW02-04		WATER
PAH (µg/L)		
1-METHYLNAPHTHALENE		44
2-METHYLNAPHTHALENE		12
ACENAPHTHENE		37
ACENAPHTHYLENE		4
NAPHTHALENE		7
TPHEXT (µg/L)		
JP5 RANGE ORGANICS		1500 Y
TPHPRG (µg/L)		
GASOLINE RANGE ORGANICS		1500 Z
VOA (µg/L)		
2-BUTANONE		.6 J
ACETONE		2 JB

TR07-02		SOIL
PAH (µg/kg)		
BENZO(A)ANTHRACENE	0 to 2	.2
BENZO(A)PYRENE	0 to 2	.2
BENZO(B)FLUORANTHENE	0 to 2	.3
BENZO(G,H,I)PERYLENE	0 to 2	.1
BENZO(K)FLUORANTHENE	0 to 2	.2
CHRYSENE	0 to 2	.4
FLUORANTHENE	0 to 2	.5
INDENO(1,2,3-CD)PYRENE	0 to 2	.1
NAPHTHALENE	0 to 2	.6
PHENANTHRENE	0 to 2	.3
PYRENE	0 to 2	.5
TMETAL (mg/kg)		
LEAD	0 to 2	16.4
TPHEXT (mg/kg)		
DIESEL RANGE ORGANICS	0 to 2	.9
JP4 RANGE ORGANICS	0 to 2	.9
JP5 RANGE ORGANICS	0 to 2	7.1
MOTOR OIL RANGE ORGANICS	0 to 2	2.1
TPH – BUNKER FUEL (C10–C28)	0 to 2	6.3

TR07-04		SOIL
PAH (µg/kg)		
BENZO(A)ANTHRACENE	0 to 2	.3
BENZO(A)PYRENE	0 to 2	.3
BENZO(B)FLUORANTHENE	0 to 2	.7
BENZO(G,H,I)PERYLENE	0 to 2	.5
BENZO(K)FLUORANTHENE	0 to 2	.3
CHRYSENE	0 to 2	.9
DIBENZO(A,H)ANTHRACENE	0 to 2	.1
FLUORANTHENE	0 to 2	.6
FLUORENE	0 to 2	.1
INDENO(1,2,3-CD)PYRENE	0 to 2	.3
NAPHTHALENE	0 to 2	.7
PHENANTHRENE	0 to 2	.6
PYRENE	0 to 2	.6
TMETAL (mg/kg)		
LEAD	0 to 2	22.7
TPHEXT (mg/kg)		
DIESEL RANGE ORGANICS	0 to 2	1.7
JP4 RANGE ORGANICS	0 to 2	1.7
JP5 RANGE ORGANICS	0 to 2	8.9
MOTOR OIL RANGE ORGANICS	0 to 2	2.9
TPH – BUNKER FUEL (C10–C28)	0 to 2	7.7

TR06-01		SOIL
PAH (µg/kg)		
ACENAPHTHYLENE	0 to 2	3.4
BENZO(A)ANTHRACENE	0 to 2	.9
BENZO(A)PYRENE	0 to 2	.6
BENZO(B)FLUORANTHENE	0 to 2	3.8
BENZO(G,H,I)PERYLENE	0 to 2	1.2
BENZO(K)FLUORANTHENE	0 to 2	1.1
CHRYSENE	0 to 2	4.3
DIBENZO(A,H)ANTHRACENE	0 to 2	.5
FLUORANTHENE	0 to 2	4.5
INDENO(1,2,3-CD)PYRENE	0 to 2	.8
NAPHTHALENE	0 to 2	1.8
PHENANTHRENE	0 to 2	2.9
PYRENE	0 to 2	3.6
TPHEXT (mg/kg)		
DIESEL RANGE ORGANICS	0 to 2	32.4
JP4 RANGE ORGANICS	0 to 2	12.7
JP5 RANGE ORGANICS	0 to 2	21.3
MOTOR OIL RANGE ORGANICS	0 to 2	42
TPH – BUNKER FUEL (C10–C28)	0 to 2	67.5

TR05-02		SOIL
PAH (µg/kg)		
BENZO(A)ANTHRACENE	0 to 2	.7
BENZO(B)FLUORANTHENE	0 to 2	2
BENZO(G,H,I)PERYLENE	0 to 2	1.4
CHRYSENE	0 to 2	2.9
DIBENZO(A,H)ANTHRACENE	0 to 2	.9
FLUORANTHENE	0 to 2	5.1
INDENO(1,2,3-CD)PYRENE	0 to 2	.8
NAPHTHALENE	0 to 2	1.3
PHENANTHRENE	0 to 2	7.6
PYRENE	0 to 2	7.1
TPHEXT (mg/kg)		
DIESEL RANGE ORGANICS	0 to 2	113.2
JP4 RANGE ORGANICS	0 to 2	29.9
JP5 RANGE ORGANICS	0 to 2	60.1
MOTOR OIL RANGE ORGANICS	0 to 2	179.4
TPH – BUNKER FUEL (C10–C28)	0 to 2	279.5

TR05-01		SOIL
PAH (µg/kg)		
ACENAPHTHYLENE	0 to 2	28.8
BENZO(A)ANTHRACENE	0 to 2	1.8
BENZO(A)PYRENE	0 to 2	2.6
BENZO(B)FLUORANTHENE	0 to 2	2.7
BENZO(G,H,I)PERYLENE	0 to 2	2.5
CHRYSENE	0 to 2	4.2
FLUORANTHENE	0 to 2	7.4
INDENO(1,2,3-CD)PYRENE	0 to 2	1.4
NAPHTHALENE	0 to 2	2.9
PHENANTHRENE	0 to 2	14.1
PYRENE	0 to 2	8.7
TPHEXT (mg/kg)		
DIESEL RANGE ORGANICS	0 to 2	138.8
JP4 RANGE ORGANICS	0 to 2	136.6
JP5 RANGE ORGANICS	0 to 2	703.8
MOTOR OIL RANGE ORGANICS	0 to 2	339.9
TPH – BUNKER FUEL (C10–C28)	0 to 2	396.2

SW05-01		WATER
TPHEXT (µg/L)		
MOTOR OIL RANGE ORGANICS		380 Y
VOA (µg/L)		
2-BUTANONE		.8 J
ACETONE		3 JB
TRICHLOROETHENE		.6 J

TR03-05		SOIL
PAH (µg/kg)		
BENZO(A)ANTHRACENE	0 to 2	.5
BENZO(A)PYRENE	0 to 2	.4
BENZO(B)FLUORANTHENE	0 to 2	2
BENZO(G,H,I)PERYLENE	0 to 2	1
BENZO(K)FLUORANTHENE	0 to 2	.8
CHRYSENE	0 to 2	2.3
DIBENZO(A,H)ANTHRACENE	0 to 2	.3
FLUORANTHENE	0 to 2	1.3
INDENO(1,2,3-CD)PYRENE	0 to 2	.5
NAPHTHALENE	0 to 2	1.1
PHENANTHRENE	0 to 2	1.2
PYRENE	0 to 2	1.5
TPHEXT (mg/kg)		
DIESEL RANGE ORGANICS	0 to 2	17.1
JP4 RANGE ORGANICS	0 to 2	2.8
JP5 RANGE ORGANICS	0 to 2	7.3
MOTOR OIL RANGE ORGANICS	0 to 2	26.2
TPH – BUNKER FUEL (C10–C28)	0 to 2	38

TR03-06		SOIL
PAH (µg/kg)		
ACENAPHTHYLENE	0 to 2	.1
ANTHRACENE	0 to 2	.7
BENZO(A)ANTHRACENE	0 to 2	.5
BENZO(A)PYRENE	0 to 2	1.3
BENZO(B)FLUORANTHENE	0 to 2	2.5
BENZO(G,H,I)PERYLENE	0 to 2	1.9
CHRYSENE	0 to 2	4.9
DIBENZO(A,H)ANTHRACENE	0 to 2	1.1
FLUORANTHENE	0 to 2	.6
INDENO(1,2,3-CD)PYRENE	0 to 2	.5
NAPHTHALENE	0 to 2	1
PHENANTHRENE	0 to 2	.9
PYRENE	0 to 2	1.1
TPHEXT (mg/kg)		
DIESEL RANGE ORGANICS	0 to 2	65
JP4 RANGE ORGANICS	0 to 2	3.8
JP5 RANGE ORGANICS	0 to 2	7.9
MOTOR OIL RANGE ORGANICS	0 to 2	104.6
TPH – BUNKER FUEL (C10–C28)	0 to 2	146.8

TR03-07		SOIL
PAH (µg/kg)		
ACENAPHTHENE	0 to 2	.1
ACENAPHTHYLENE	0 to 2	.1
ANTHRACENE	0 to 2	.4
BENZO(A)ANTHRACENE	0 to 2	1.1
BENZO(A)PYRENE	0 to 2	1.3
BENZO(B)FLUORANTHENE	0 to 2	3.4
BENZO(G,H,I)PERYLENE	0 to 2	1.6
BENZO(K)FLUORANTHENE	0 to 2	2
CHRYSENE	0 to 2	3.3
DIBENZO(A,H)ANTHRACENE	0 to 2	.6
FLUORANTHENE	0 to 2	1.6
INDENO(1,2,3-CD)PYRENE	0 to 2	1.8
NAPHTHALENE	0 to 2	1.1
PHENANTHRENE	0 to 2	1.6
PYRENE	0 to 2	2
TPHEXT (mg/kg)		
DIESEL RANGE ORGANICS	0 to 2	7.6
JP4 RANGE ORGANICS	0 to 2	1.9
JP5 RANGE ORGANICS	0 to 2	2.5
MOTOR OIL RANGE ORGANICS	0 to 2	35.9
TPH – BUNKER FUEL (C10–C28)	0 to 2	32.7

TR09-01		SOIL
PAH (µg/kg)		
ACENAPHTHENE	0 to 2	.2
ACENAPHTHYLENE	0 to 2	.1
ANTHRACENE	0 to 2	.5
BENZO(A)ANTHRACENE	0 to 2	14.1
BENZO(A)PYRENE	0 to 2	.3
BENZO(B)FLUORANTHENE	0 to 2	14
BENZO(G,H,I)PERYLENE	0 to 2	1.2
BENZO(K)FLUORANTHENE	0 to 2	16.4
CHRYSENE	0 to 2	31.9
DIBENZO(A,H)ANTHRACENE	0 to 2	1.1
FLUORANTHENE	0 to 2	46.7
INDENO(1,2,3-CD)PYRENE	0 to 2	2.7
NAPHTHALENE	0 to 2	.7
PHENANTHRENE	0 to 2	13.3
PYRENE	0 to 2	47.8
TPHEXT (mg/kg)		
DIESEL RANGE ORGANICS	0 to 2	6.6
JP4 RANGE ORGANICS	0 to 2	1.9
JP5 RANGE ORGANICS	0 to 2	3
MOTOR OIL RANGE ORGANICS	0 to 2	25.5
TPH – BUNKER FUEL (C10–C28)	0 to 2	24.7

TR10-02		SOIL
PAH (µg/kg)		
ACENAPHTHYLENE	0 to 2	.1
ANTHRACENE	0 to 2	.1
BENZO(A)ANTHRACENE	0 to 2	.2
BENZO(A)PYRENE	0 to 2	.1
BENZO(B)FLUORANTHENE	0 to 2	.2
BENZO(G,H,I)PERYLENE	0 to 2	.1
BENZO(K)FLUORANTHENE	0 to 2	.2
CHRYSENE	0 to 2	.4
FLUORANTHENE	0 to 2	.5
FLUORENE	0 to 2	.1
INDENO(1,2,3-CD)PYRENE	0 to 2	.1
NAPHTHALENE	0 to 2	1.2
PHENANTHRENE	0 to 2	.3
PYRENE	0 to 2	.5
TPHEXT (mg/kg)		
DIESEL RANGE ORGANICS	0 to 2	.3
JP4 RANGE ORGANICS	0 to 2	.4
JP5 RANGE ORGANICS	0 to 2	.2
MOTOR OIL RANGE ORGANICS	0 to 2	14.9
TPH – BUNKER FUEL (C10–C28)	0 to 2	12

TR02-11		SOIL
PAH (µg/kg)		
ACENAPHTHYLENE	0 to 2	.1
ANTHRACENE	0 to 2	.2
BENZO(A)ANTHRACENE	0 to 2	.5
BENZO(A)PYRENE	0 to 2	.9
BENZO(B)FLUORANTHENE	0 to 2	1
BENZO(G,H,I)PERYLENE	0 to 2	2.2
BENZO(K)FLUORANTHENE	0 to 2	.7
CHRYSENE	0 to 2	1.3
DIBENZO(A,H)ANTHRACENE	0 to 2	.6
FLUORANTHENE	0 to 2	1.1
INDENO(1,2,3-CD)PYRENE	0 to 2	.8
NAPHTHALENE	0 to 2	1.1
PHENANTHRENE	0 to 2	.5
PYRENE	0 to 2	1.2
TPHEXT (mg/kg)		
DIESEL RANGE ORGANICS	0 to 2	7.4
JP4 RANGE ORGANICS	0 to 2	1.7
JP5 RANGE ORGANICS	0 to 2	1.6
MOTOR OIL RANGE ORGANICS	0 to 2	30.8
TPH – BUNKER FUEL (C10–C28)	0 to 2	30.7

SW10-01		WATER
VOA (µg/L)		
ACETONE		.7 JB

TR10-01		SOIL
PAH (µg/kg)		
ANTHRACENE	0 to 2	.7
BENZO(A)PYRENE	0 to 2	4
BENZO(B)FLUORANTHENE	0 to 2	2.6
BENZO(G,H,I)PERYLENE	0 to 2	11
BENZO(K)FLUORANTHENE	0 to 2	1.4
CHRYSENE	0 to 2	7.9
DIBENZO(A,H)ANTHRACENE	0 to 2	2.8
FLUORANTHENE	0 to 2	1.5
INDENO(1,2,3-CD)PYRENE	0 to 2	2.9
NAPHTHALENE	0 to 2	1.6
PHENANTHRENE	0 to 2	.9
PYRENE	0 to 2	1.7
TPHEXT (mg/kg)		
DIESEL RANGE ORGANICS	0 to 2	43.9
MOTOR OIL RANGE ORGANICS	0 to 2	317
TPH – BUNKER FUEL (C10–C28)	0 to 2	296.2

TR02-07		SOIL
PAH (µg/kg)		
BENZO(A)ANTHRACENE	0 to 2	1.6
BENZO(A)PYRENE	0 to 2	3.1
BENZO(B)FLUORANTHENE	0 to 2	1.3
BENZO(G,H,I)PERYLENE	0 to 2	4.4
BENZO(K)FLUORANTHENE	0 to 2	.5
CHRYSENE	0 to 2	5
DIBENZO(A,H)ANTHRACENE	0 to 2	.7
FLUORANTHENE	0 to 2	3.1
FLUORENE	0 to 2	54.5
INDENO(1,2,3-CD)PYRENE	0 to 2	1
NAPHTHALENE	0 to 2	167.1
PHENANTHRENE	0 to 2	33.5
PYRENE	0 to 2	13.6
TPHEXT (mg/kg)		
ALIPHATICS-EPH(C12–C18)	0 to 2	725.2
ALIPHATICS-EPH(C18–C24)	0 to 2	81.9
AROMATICS-EPH(C10–C16)	0 to 2	384.3
AROMATICS-EPH(C16–C35)	0 to 2	472.7
DIESEL RANGE ORGANICS	0 to 2	1689.8
JP4 RANGE ORGANICS	0 to 2	1203.4
JP5 RANGE ORGANICS	0 to 2	1480.8
MOTOR OIL RANGE ORGANICS	0 to 2	52.1
TPH – BUNKER FUEL (C10–C28)	0 to 2	846.5
TPHPRG (mg/kg)		
ALIPHATICS-VPH(C5–C8)	0 to 2	8.3
ALIPHATICS-VPH(C8–C12)	0 to 2	481.4
AROMATICS-VPH(C8–C10)	0 to 2	2.6
GASOLINE RANGE ORGANICS	0 to 2	277

TR02-08		SOIL
PAH (µg/kg)		
ANTHRACENE	0 to 2	3.1
BENZO(A)ANTHRACENE	0 to 2	.8
BENZO(A)PYRENE	0 to 2	1.2
BENZO(B)FLUORANTHENE	0 to 2	3
BENZO(G,H,I)PERYLENE	0 to 2	5.6
BENZO(K)FLUORANTHENE	0 to 2	1.6
CHRYSENE	0 to 2	2.7
DIBENZO(A,H)ANTHRACENE	0 to 2	1
FLUORANTHENE	0 to 2	1.9
INDENO(1,2,3-CD)PYRENE	0 to 2	4.3
NAPHTHALENE	0 to 2	3.9
PHENANTHRENE	0 to 2	1.8
PYRENE	0 to 2	2.7
TPHEXT (mg/kg)		
DIESEL RANGE ORGANICS	0 to 2	329.7
JP4 RANGE ORGANICS	0 to 2	216.1
JP5 RANGE ORGANICS	0 to 2	270.8
MOTOR OIL RANGE ORGANICS	0 to 2	68.8
TPH – BUNKER FUEL (C10–C28)	0 to 2	212.6

TR02-10		SOIL
PAH (µg/kg)		
ACENAPHTHYLENE	0 to 2	.2
ANTHRACENE	0 to 2	.3
BENZO(A)ANTHRACENE	0 to 2	.7
BENZO(A)PYRENE	0 to 2	1.2
BENZO(B)FLUORANTHENE	0 to 2	1.4
BENZO(G,H,I)PERYLENE	0 to 2	1.4
BENZO(K)FLUORANTHENE	0 to 2	1.1
CHRYSENE	0 to 2	1.5
DIBENZO(A,H)ANTHRACENE	0 to 2	.4
FLUORANTHENE	0 to 2	1.9
INDENO(1,2,3-CD)PYRENE	0 to 2	1.1
NAPHTHALENE	0 to 2	.6
PHENANTHRENE	0 to 2	1.1
PYRENE	0 to 2	2.3
TPHEXT (mg/kg)		
DIESEL RANGE ORGANICS	0 to 2	6.5
JP4 RANGE ORGANICS	0 to 2	3.5
JP5 RANGE ORGANICS	0 to 2	3.7
MOTOR OIL RANGE ORGANICS	0 to 2	16.6
TPH – BUNKER FUEL (C10–C28)	0 to 2	18.9

TR02-12		SOIL
PAH (µg/kg)		
ACENAPHTHYLENE	0 to 2	1.6
ANTHRACENE	0 to 2	3.4
BENZO(A)PYRENE	0 to 2	.7
BENZO(B)FLUORANTHENE	0 to 2	1.3
BENZO(G,H,I)PERYLENE	0 to 2	8.8
CHRYSENE	0 to 2	1.4
DIBENZO(A,H)ANTHRACENE	0 to 2	1.5
FLUORANTHENE	0 to 2	.7
INDENO(1,2,3-CD)PYRENE	0 to 2	1.6
NAPHTHALENE	0 to 2	11.7
PHENANTHRENE	0 to 2	.9
PYRENE	0 to 2	.8
TPHEXT (mg/kg)		
DIESEL RANGE ORGANICS	0 to 2	114.2
JP4 RANGE ORGANICS	0 to 2	8.7
JP5 RANGE ORGANICS	0 to 2	17.4
MOTOR OIL RANGE ORGANICS	0 to 2	252.7
TPH – BUNKER FUEL (C10–C28)	0 to 2	262.1

TR02-03		SOIL
PAH (µg/kg)		
BENZO(A)PYRENE	0 to 2	1.2
BENZO(B)FLUORANTHENE	0 to 2	2.4
BENZO(G,H,I)PERYLENE	0 to 2	4.3
CHRYSENE	0 to 2	2.8
DIBENZO(A,H)ANTHRACENE	0 to 2	1.4
FLUORANTHENE	0 to 2	1
FLUORENE	0 to 2	7.2
NAPHTHALENE	0 to 2	159.4
PHENANTHRENE	0 to 2	.9
PYRENE	0 to 2	1.2
TPHEXT (mg/kg)		
ALIPHATICS-EPH(C12–C18)	0 to 2	1100.8
ALIPHATICS-EPH(C18–C24)	0 to 2	7.9
AROMATICS-EPH(C10–C16)	0 to 2	313.7
AROMATICS-EPH(C16–C35)	0 to 2	87.8
DIESEL RANGE ORGANICS	0 to 2	2529.8
JP4 RANGE ORGANICS	0 to 2	2588.6
JP5 RANGE ORGANICS	0 to 2	2756.3
MOTOR OIL RANGE ORGANICS	0 to 2	126.2
TPH – BUNKER FUEL (C10–C28)	0 to 2	547.3
TPHPRG (mg/kg)		
ALIPHATICS-VPH(C5–C8)	0 to 2	5.8
ALIPHATICS-VPH(C8–C12)	0 to 2	943.1
AROMATICS-VPH(C8–C10)	0 to 2	.6
GASOLINE RANGE ORGANICS	0 to 2	218

SW02-03		WATER
AROMV (µg/L)		
ETHYLBENZENE		1.7
XYLENE (TOTAL)		9.5
PAH (µg/L)		
1-METHYLNAPHTHALENE		.7 J
TPHEXT (µg/L)		
JP5 RANGE ORGANICS		3540 Z
MOTOR OIL RANGE ORGANICS		280 Y
TPHPRG (µg/L)		
GASOLINE RANGE ORGANICS		570 Z
VOA (µg/L)		
2-BUTANONE		4 J
ACETONE		19 JB

TR02-09		SOIL
AROMV (mg/kg)		
ETHYLBENZENE	0 to 2	330
XYLENE (TOTAL)	0 to 2	1190
PAH (µg/kg)		
ANTHRACENE	0 to 2	6.5
BENZO(A)PYRENE	0 to 2	12.6
BENZO(B)FLUORANTHENE	0 to 2	7.2
BENZO(G,H,I)PERYLENE	0 to 2	35.5
CHRYSENE	0 to 2	22.9
DIBENZO(A,H)ANTHRACENE	0 to 2	10.8
FLUORENE	0 to 2	47.7
INDENO(1,2,3-CD)PYRENE	0 to 2	5.8
NAPHTHALENE	0 to 2	742.3
PYRENE	0 to 2	8.3
TPHEXT (mg/kg)		
ALIPHATICS-EPH(C12–C18)	0 to 2	2805.7
ALIPHATICS-EPH(C18–C24)	0 to 2	54.4
AROMATICS-EPH(C10–C16)	0 to 2	836.6
AROMATICS-EPH(C16–C35)	0 to 2	286.6
DIESEL RANGE ORGANICS	0 to 2	6725.6
JP4 RANGE ORGANICS	0 to 2	7615.4
JP5 RANGE ORGANICS	0 to 2	7940.7
MOTOR OIL RANGE ORGANICS	0 to 2	684.9
TPH – BUNKER FUEL (C10–C28)	0 to 2	1667.8
TPHPRG (mg/kg)		
ALIPHATICS-VPH(C5–C8)	0 to 2	35.4
ALIPHATICS-VPH(C8–C12)	0 to 2	3163.7
AROMATICS-VPH(C6–C8)	0 to 2	1.5
AROMATICS-VPH(C8–C10)	0 to 2	4.8
GASOLINE RANGE ORGANICS	0 to 2	947

TR01-03		SOIL
PAH (µg/kg)		
ACENAPHTHENE	0 to 2	.1
ACENAPHTHYLENE	0 to 2	.1
ANTHRACENE	0 to 2	.1
BENZO(A)ANTHRACENE	0 to 2	.6
BENZO(A)PYRENE	0 to 2	1.2
BENZO(B)FLUORANTHENE	0 to 2	1.4
BENZO(G,H,I)PERYLENE	0 to 2	2
BENZO(K)FLUORANTHENE	0 to 2	.6
CHRYSENE	0 to 2	1.9
DIBENZO(A,H)ANTHRACENE	0 to 2	.6
FLUORANTHENE	0 to 2	1.7
INDENO(1,2,3-CD)PYRENE	0 to 2	.7
NAPHTHALENE	0 to 2	1.5
PHENANTHRENE	0 to 2	1.1
PYRENE	0 to 2	1.7
TPHEXT (mg/kg)		
DIESEL RANGE ORGANICS	0 to 2	.7
JP4 RANGE ORGANICS	0 to 2	.7
JP5 RANGE ORGANICS	0 to 2	32.8
MOTOR OIL RANGE ORGANICS	0 to 2	3
TPH – BUNKER FUEL (C10–C28)	0 to 2	40.1

TR01-04		SOIL
PAH (µg/kg)		
CHRYSENE	0 to 2	.1
FLUORANTHENE	0 to 2	.1
NAPHTHALENE	0 to 2	.4
PHENANTHRENE	0 to 2	.1
PYRENE	0 to 2	.1
TPHEXT (mg/kg)		
DIESEL RANGE ORGANICS	0 to 2	.5
JP4 RANGE ORGANICS	0 to 2	.5
JP5 RANGE ORGANICS	0 to 2	3.5
MOTOR OIL RANGE ORGANICS	0 to 2	1.2
TPH – BUNKER FUEL (C10–C28)	0 to 2	3.3

TR00-01		SOIL
PAH (µg/kg)		
ACENAPHTHYLENE	0 to 2	.1
ANTHRACENE	0 to 2	.1
BENZO(A)ANTHRACENE	0 to 2	.5
BENZO(A)PYRENE	0 to 2	.5
BENZO(B)FLUORANTHENE	0 to 2	.7
BENZO(G,H,I)PERYLENE	0 to 2	.3
BENZO(K)FLUORANTHENE	0 to 2	.6
CHRYSENE	0 to 2	.9
DIBENZO(A,H)ANTHRACENE	0 to 2	.1
FLUORANTHENE	0 to 2	1.5
INDENO(1,2,3-CD)PYRENE	0 to 2	.4
NAPHTHALENE	0 to 2	.6
PHENANTHRENE	0 to 2	.8
PYRENE	0 to 2	1.6
TPHEXT (mg/kg)		
DIESEL RANGE ORGANICS	0 to 2	.8
JP4 RANGE ORGANICS	0 to 2	.8
JP5 RANGE ORGANICS	0 to 2	3.4
MOTOR OIL RANGE ORGANICS	0 to 2	1.3
TPH – BUNKER FUEL (C10–C28)	0 to 2	2.5

TR00-02		SOIL
PAH (µg/kg)		
BENZO(B)FLUORANTHENE	0 to 2	.1
FLUORANTHENE	0 to 2	.1
NAPHTHALENE	0 to 2	.9
PHENANTHRENE	0 to 2	.1
PYRENE	0 to 2	.1
TPHEXT (mg/kg)		
DIESEL RANGE ORGANICS	0 to 2	.5
JP4 RANGE ORGANICS	0 to 2	.5
JP5 RANGE ORGANICS	0 to 2	2.7
MOTOR OIL RANGE ORGANICS	0 to 2	1
TPH – BUNKER FUEL (C10–C28)	0 to 2	2.6

LEGEND

⊙ SAMPLE LOCATION

TR03-05		SOIL	
	PAH (mg/kg)		
FLUORANTHENE	2.5 to 11	3.9	
PYRENE	2.5 to 11	28	J

LOCATION ID — TR03-05; SAMPLE MEDIUM — SOIL; COMPOUND CLASS — PAH; UNITS — (mg/kg); ANALYTE — FLUORANTHENE, PYRENE; CONCENTRATION — 3.9; QUALIFIER — J; SAMPLE DEPTH — 2.5 to 11

QUALIFIERS:

U – NOT DETECTED OR LESS THAN METHOD DETECTION LIMIT (MDL)

J – LESS THAN REPORTING LIMIT (RL) BUT GREATER THAN MDL, OR ESTIMATED RESULT

Y – FUEL PATTERN DOES NOT MATCH STANDARD

Z – NO FUEL PATTERN (INDIVIDUAL PEAKS ONLY)

B – A POSITIVE VALUE WAS FOUND IN THE METHOD BLANK

NOTES:

THE ANALYTES DISPLAYED ONLY REPRESENT DETECTABLE CONCENTRATIONS. IN OTHER WORDS, IF AN ANALYTE CONCENTRATION IS NOT DETECTED OR IS LESS THAN THE METHOD DETECTION LIMIT, THE ANALYTE IS NOT LISTED.

125 0 125 250

SCALE: 1" = 250'

PLATE C2
NFD POINT MOLATE
CHARACTERIZATION OF USTs AND FUEL PIPELINES
ANALYTICAL RESULTS (SOIL AND GROUNDWATER) FROM SURFICIAL SOIL AND SEEP SAMPLES

09/09/99 /data4/ptmolate/cto212/basewide.aml /data4/ptmolate/cto212/SEEPS_SS.map mkm