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NFD POINT MOLATE
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COMPREHENSIVE LONG-TERM ENVIRONMENTAL ACTION NAVY (CLEAN II)
Northern and Central California, Nevada, and Utah
Contract No. N62474-94-D-7609
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DEPARTMENT OF THE NAVY
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INTERIM FINAL FIELD WORK PLAN

SCREENING LEVEL HUMAN HEALTH AND ECOLOGICAL RISK EVALUATION INSTALLATION RESTORATION SITE 4

NAVAL FUEL DEPOT POINT MOLATE
RICHMOND, CALIFORNIA

TC. 0384.10897

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ACRONYMS AND ABBREVIATIONS

1,2-DCE	1,2-Dichloroethene
BCT	BRAC Cleanup Team
bgs	Below ground surface
BRAC	Base Realignment and Closure
BTEX	Benzene, toluene, ethylbenzene, and xylenes
CAP	Corrective Action Plan
CCR	California Code of Regulations
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act
CLEAN	Comprehensive Long-term Environmental Action Navy
cm/s	Centimeters per second
CoC	Chain of custody
COPC	Chemical of potential concern
COPEC	Contaminant of potential ecological concern
CTO	Contract task order
DQO	Data quality objective
EBS	Environmental Baseline Survey
EPA	U.S. Environmental Protection Agency
ERA	Ecological risk assessment
FID	Flame ionization detector
FPAL	Fuel product action level
FPALDR	Fuel Product Action Level Development Report
FSP	Field sampling plan
FWP	Field work plan
HHRA	Human health risk assessment
HI	Hazard index
HQ	Hazard quotient
HASP	Health and safety plan
IC	Installation Coordinator
IDW	Investigation-derived waste
IR	Installation Restoration
mg/L	Milligrams per liter
µg/L	Microgram per liter
mg/kg	Milligrams per kilogram
NFD	Naval fuel depot
OSHA	Occupational Safety and Health Administration
OHSO	On-site health and safety officer
PAH	Polyaromatic hydrocarbons
PID	Photoionization detector
PPE	Personal protective equipment

ACRONYMS AND ABBREVIATIONS (Continued)

PRC	PRC Environmental Management, Inc.
PRG	Preliminary remediation goals
QA	Quality assurance
QAPP	Quality assurance project plan
QC	Quality control
QMP	Quality management plan
RAB	Restoration Advisory Board
RI	Remedial investigation
RPM	Remedial project manager
RWQCB	Regional Water Quality Control Board
SAP	Sampling and analysis plan
SOP	Standard operating procedure
SVOC	Semivolatile organic compound
TCE	Trichloroethene
TPH	Total petroleum hydrocarbon
TPH-p	Total purgeable petroleum hydrocarbon
TPH-e	Total extractable petroleum hydrocarbon
TtEMI	Tetra Tech EM Inc.
UST	Underground storage tank
VOC	Volatile organic compound

1.0 INTRODUCTION

This Field Work Plan (FWP) describes work Tetra Tech EM Inc. (TtEMI) will conduct to further evaluate contamination in soil and groundwater at Installation Restoration (IR) Site 4 at Naval Fuel Depot (NFD) Point Molate in Richmond, California (Figures 1 and 2). Site 4 includes the entire shoreline and Drum Lot 1 at NFD Point Molate, with the exception of the strip of shoreline along Site 3. Sampling at Site 4 is necessary to collect additional data in support of a screening-level evaluation of human health and ecological risk. Two rounds of groundwater samples will be collected from three new and 14 existing monitoring wells to update the current groundwater data set, for a total of 34 groundwater samples. Twenty-four shallow (0 to 3 feet below ground surface [bgs]) and 24 subsurface (5 to 10 feet bgs) soil samples will be collected at 24 locations within Site 4. Results of the evaluation of human health and ecological risk will be used to identify the areas of Site 4 that should proceed with further evaluation under the IR program or the underground storage tank (UST) program, or that can be recommended for no further action. The tasks in this work plan are being conducted under the regulatory authority of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA).

This FWP outlines the proposed technical approach, including strategies and deliverables necessary to complete tasks in support of the risk evaluation at Site 4. A field sampling plan (FSP) for the tasks described in this FWP is included as Appendix A. A quality assurance project plan (QAPP) is included as Appendix B. The FSP and QAPP, which constitute the project sampling and analysis plan (SAP), describe in detail the field sampling and laboratory analytical requirements for the project. The QAPP describes the project data quality objectives (DQO) developed through the seven-step DQO process (U.S. Environmental Protection Agency [EPA] 2000) following EPA guidance for preparation of QAPPs (EPA 1998). This FWP also discusses the anticipated schedule, management, staffing, health and safety measures, sampling and analysis, and quality assurance (QA) and quality control (QC) measures necessary to complete the tasks presented in this FWP.

1.1 OBJECTIVES AND DATA GAPS

To date, risk to human health or ecological terrestrial pathways has not been evaluated across Site 4. A risk evaluation at the site was deferred until after the fuel pipelines were removed from the shoreline areas; this pipeline removal project has now been completed. Although several investigations have previously been conducted at Site 4 (TtEMI 2000a, 2000b, 2001), data gaps exist and must be addressed to support a risk evaluation. Data gaps exist at areas where there is not enough information to evaluate whether further action or no action is necessary. In contrast, enough information has been obtained for some areas within Site 4 to determine whether action or no action is necessary. Two areas already

identified as requiring further action are being included in either the UST Corrective Action Plan (CAP) or the Environmental Baseline Survey (EBS) program; these areas are briefly discussed in this FWP. This document also discusses areas where no further action is recommended.

The objective of the sampling task presented in this FWP is to collect data to support a screening-level human health and ecological risk evaluation of the three areas that make up Site 4: the North Shoreline Area, South Shoreline Area, and Drum Lot 1. To achieve this objective, additional soil and groundwater samples will be collected for field screening and laboratory analysis. Soil samples will be collected as composites from two depths at each soil sampling location for comparison with action levels for the appropriate potential receptor. Data from soil samples collected at 0 to 3 feet bgs will be used to evaluate risks to recreational users and ecological receptors; and data from soil samples collected from 0 to 3 feet and from 5 to 10 feet bgs will be used to evaluate risks to construction or utility workers. Additionally, two rounds of groundwater samples will be collected from selected monitoring wells to update the current groundwater data set. Analytical results from these groundwater samples will be used to evaluate risks to construction or utility workers and saltwater ecological receptors. Findingsof the human health and ecological risk evaluation will be the basis for the following recommended actions at each Site 4 area:

- Further evaluation under the IR program
- Further evaluation under the UST program
- No further action

1.2 TECHNICAL APPROACH

The technical approach for this investigation includes collection of analytical data for soil and groundwater to support a screening-level risk evaluation for Site 4. This overall approach requires several specific tasks, including FWP preparation, field sampling for soil and groundwater, and preparation of a screening-level risk evaluation report. A summary of the tasks covered by this FWP is presented below.

1.2.1 Prepare Field Work Plan

Internal Draft, Interim Final, and Final versions of this FWP were prepared. This FWP include a FSP and QAPP as appendices. The Regional Water Quality Control Board San Francisco Bay Region (RWQCB), City of Richmond, and Restoration Advisory Board (RAB) reviewed the Internal Draft/Draft of this FWP. In addition, a working meeting was held after comments were received to ensure that all interested parties agreed on the approach outlined in the FWP, the sampling strategy, and the overall scope of the risk evaluation.

1.2.2 Conduct Field Sampling

Field samples will be collected to further characterize contamination in soil and groundwater at Site 4. Soil and groundwater samples will be collected from the North Shoreline Area, South Shoreline Area, and Drum Lot 1. Soil samples will be collected as composites from two depths (0 to 3 and 5 to 10 feet bgs) at each sampling location for comparison to the action level for the appropriate potential receptor. Additionally, two rounds of groundwater samples will be collected from selected monitoring wells. Three groundwater monitoring wells are being installed to either replace wells destroyed previously or to provide for a new groundwater monitoring location.

Other tasks in the field sampling effort include the following:

- Equipment mobilization and demobilization
- Utilities clearance
- Development of new wells and wells that have not been sampled or developed within the past 3 years
- Surveying borehole and monitoring well locations
- Investigation-derived waste management
- Field QA/QC

1.2.3 Prepare Screening-Level Risk Evaluation Report

Data collected during the investigation at Site 4 will be used to evaluate potential human health and ecological risks associated with exposure to soil and groundwater at the three areas within Site 4. Results of the human health and ecological risk evaluation of Site 4 will be used to select the areas at Site 4 that should proceed with further evaluation under the IR program or the UST program or that can be recommended for no further action. TtEMI will prepare internal draft, draft, and final versions of the risk evaluation report. RWQCB, the City of Richmond, and the RAB will review the draft version.

1.3 ORGANIZATION OF WORK PLAN

Section 1.0 of this FWP is an introduction to the purpose, objectives, and technical approach to be used in the investigation of Site 4. Section 2.0 presents brief descriptions of the installation history, geology, hydrogeology, and topography. Section 3.0 describes Site 4, provides a brief review of previous investigations, and identifies additional sampling needs based on previously collected data. Section 4.0 details the tasks for this investigation. Section 5.0 describes the investigation design and DQOs. Section 6.0 discusses data management. Section 7.0 presents health and safety issues. Section 8.0 presents information on sampling and analysis. Section 9.0 addresses quality assurance. Section 10.0 details the

primary reporting requirements for the investigation of Site 4. Section 11.0 describes community relations associated with the investigation of Site 4. Section 12.0 includes details of project management for the duration of technical work. Section 13.0 lists the references cited. Tables, figures, and appendices follow Section 13.0. The plates are located at the end of the document after Appendix D.

2.0 FACILITY LOCATION AND BACKGROUND

NFD Point Molate covers about 413 acres in the Potrero Hills, located along the northeastern shore of San Francisco Bay on the San Pablo Peninsula. The facility is located in Richmond, California, about 1.5 miles north of the Richmond-San Rafael Bridge (Figure 1). NFD Point Molate is bordered to the north, south, and east by the Chevron Corporation and to the west by San Francisco Bay. The San Pablo Peninsula divides the San Francisco and San Pablo Bays. Chevron uses most of the land near NFD Point Molate for oil refining and storage; the land east of NFD Point Molate is used for storage, shipping, and pipeline distribution of petroleum products, whereas the land immediately north and south is unused open space.

NFD Point Molate was a fuel storage facility for jet turbine fuels (JP-5 and JP-8) and marine diesel fuel (F-76) and had a storage capacity of more than 40 million gallons. Other fuels have historically been stored at the facility, including bunker fuel, gasoline, and aviation gasoline. Fuel storage and supply 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. When environmental cleanup is complete, the property is scheduled to be transferred to the City of Richmond.

2.1 PHYSICAL SETTING OF FACILITY

This section briefly describes the physical setting at NFD Point Molate and presents background information on the geology, hydrogeology, and topography of the area. A more detailed description of the installation is presented in the Final Phase II Remedial Investigation (RI) Report (TtEMI 2000a).

2.1.1 Regional Geology

The geology at NFD Point Molate includes sedimentary and slightly metamorphosed bedrock of the Cretaceous Franciscan Formation and Quaternary, unconsolidated colluvial and alluvial deposits, Bay Mud, and emplaced fill material.

Regionally, the Franciscan Formation is a heterogeneous assemblage consisting of sequences of submarine sandstone, shale, and lesser amounts of volcanic rocks, thin-bedded chert, and rare limestone (Irwin 1990). The Franciscan bedrock that underlies San Pablo Ridge is part of a northwest-southeast

trending belt of rocks, bounded on the west by the San Andreas Fault and on the east by the Hayward Fault.

The regional geology of San Francisco Bay also includes a young, unconsolidated sedimentary sequence. The units (that is, continuous successions of geologic strata that have similar characteristics) in the San Pablo peninsula area that overlie the Franciscan Formation bedrock are the Older Bay Mud, sand deposits (correlating to the Merritt Sand of the East Bay Area), and the Younger Bay Mud (Goldman 1969). The Older Bay Mud is described as generally firm, dark greenish-gray, silty clay with varying amounts of sand and fine gravel. The unit locally contains lenses of clayey sand, pebbly sand, or sandy clay from 5 to 50 feet thick. The unit blankets and fills old stream channels cut in the bedrock surface. Either sand deposits or the Younger Bay Mud overlies this unit. These sand deposits are recognized as a distinctive unit that overlies and interfingers with the Older Bay Mud. The unit is described as a fine sand 50 to 60 feet thick. The unit is dissected by mud-filled channels and is overlain by 0 to 35 feet of Younger Bay Mud (Trask and Rolston 1951).

The Younger Bay Mud is the youngest sedimentary unit in San Francisco Bay. The unit covers most of the bottom of the bay. It is described as a soft, uniform, gray, silty clay that contains 45 to 95 percent clay-sized particles, silt, minor fine sand, and shell fragment. The unit tends to be firmer and contain less water with depth. The clay is soft and plastic when wet and tends to harden and shrink when it dries. The Younger Bay Mud was deposited on an erosional surface, cut to depths as much as 200 feet below present sea level into the Older Bay Mud. The Younger Bay Mud attains a thickness of as much as 130 feet. The thickness of the Younger Bay Mud along the southwestern shore of the San Pablo peninsula at NFD Point Molate is mapped as zero to about 40 feet thick offshore (Goldman 1969).

2.1.2 Geology of Site 4

An unconsolidated deposit known as "colluvium" and fill material overlie bedrock or weathered bedrock at the North and South Shoreline areas at Site 4. Colluvium is predominantly clayey and silty sand with weathered bedrock fragments. The thickness of colluvium varies from a veneer of weathered bedrock fragments on the slopes to accumulations up to 25 feet thick within ravines. Despite the poor sorting and numerous bedrock fragments within the colluvium, the clayey matrix makes it a dense, low-permeability deposit (TtEMI 2000a). The fill material is composed of highly variable materials generally consisting of poorly sorted gravel, silt, sandy silt, and sandy clay, and angular bedrock fragments. The fill typically contains areas of disturbed colluvium, but is generally unconsolidated and heterogeneous and creates unpredictable, preferential flow pathways for groundwater and contaminant migration.

Geology at Drum Lot 1 is primarily fill material that overlies Bay Mud. Bay Mud is a very dark brown to black clayey or sandy silt or silty sand. The formation is typically soft, plastic, and moist or saturated, but contains sufficient clay or silt to serve as an aquitard. In this area, Bay Mud overlies bedrock and may vary in thickness between 5 and 30 feet, depending on the distance from the shoreline.

2.1.3 Hydrogeology

The shoreline areas exhibit little or no relief, resulting in a highly variable water table that is, in some places, in hydraulic communication with San Francisco Bay. Well locations that have shown to contain water with low salinity and low yield are isolated from the bay; well locations that have shown higher salinity and yield are in communication with the bay (TtEMI 1998). The presence of groundwater is directly related to seasonal infiltration, runoff from the hillsides, and hydraulic communication with the bay. Certain ravines receive steady (but seasonally dependent) recharge and contain perched groundwater within unconsolidated material, and in some cases, within permeable horizons at the base of colluvium and within fissile or fractured bedrock.

Colluvium in the Shoreline Areas generally serves as a barrier to vertical or horizontal groundwater movement, despite its coarse fraction of weathered bedrock fragments. A clay matrix around the bedrock fragments is impermeable and inhibits movement of groundwater. Physical analysis of colluvium yielded hydraulic conductivity values ranging from 10^{-7} to 10^{-8} centimeters per second (cm/s) (PRC Environmental Management, Inc. [PRC] 1994a). Fill material, containing abundant reworked colluvium and bedrock fragments, is not uniform or cohesive and exhibits highly variable hydraulic conductivity. Physical samples of fill material yielded an average hydraulic conductivity of 1×10^{-6} cm/s (PRC 1994a), although examination of excavated fill during construction of the extraction trench indicates much greater permeability within fill.

The Bay Mud at the Drum Lot 1 Area is a fine-grained, plastic, low-permeability unit. It is typically described as moist, and sometimes wet, but does not allow extensive vertical movement of contaminants.

A major groundwater divide is present at the southern end of Drum Lot 1. This divide is formed by an outcropping bedrock ridge and associated subcropping bedrock.

2.1.4 Topography

Topography ranges from flat, filled areas (reclaimed tidal flats) near the bay to steep, dissected slopes of nearly 500-foot elevation in the San Pablo Hills. The ridge of the San Pablo Hills runs generally northwest to southeast. Steep, dissected slopes are generally perpendicular to the ridge axis (northeast or southwest). Within NFD Point Molate, the dissected slopes form six ravines oriented perpendicular to the

ridge, draining toward the bay. Drainage in each of these ravines is intercepted by catchment basins (numbered 1 through 6 from south to north).

3.0 BACKGROUND AND PREVIOUS INVESTIGATIONS AT SITE 4

The following sections present a summary of the background of and previous investigations at Site 4, along with recommendations for addressing data gaps.

3.1 BACKGROUND OF SITE 4

Site 4 includes the North Shoreline Area, South Shoreline Area, and Drum Lot 1, which make up the entire facility shoreline along San Francisco Bay, with the exception of a strip of land adjacent to Site 3 (Figure 2). This boundary is conceptual in that Site 4 is not defined by a single source; instead, it involves an area of potential contaminant migration toward the bay.

The North and South Shoreline Areas were included as part of the IR site based on concerns involving historical upgradient spills and leaks that may have migrated through the Shoreline Areas to San Francisco Bay (PRC and MK 1996). The primary activities within these areas include right-of-ways for underground pipelines; these pipelines have been removed (TtEMI 2001). Railroad tracks also extend for most of the length of the South Shoreline Area. The southern end of the South Shoreline Area was used for drum storage from the mid-1940s until the mid-1950s, and has been a beach park since the early 1970s (PRC and MK 1996). The boundary of the North Shoreline Area extends from the northern border of the installation in the north to the cut-off wall/extraction trench (Site 3) to the south (Figure 3). The boundary of the South Shoreline Area extends from Drum Lot 1 in the north to the southern border of the installation in the south (Plate 1).

Drum Lot 1 is a paved area near the fuel pier, just south of the cut-off wall/extraction trench (Plate 2). The lot was used as a storage area for fuel drums filled on site and for storage of drums for transport off site. An inactive, aboveground, primary fuel pumping station and a drum filling plant (Building 89) are also present within the drum lot. As part of the facility's fuel distribution system, underground pipelines formerly led from the fuel pier to the north and south sides of the facility; these pipelines have been removed (TtEMI 1999b). In addition to fuel distribution operations, there is anecdotal evidence that the area near the drum filling plant was temporarily used for storage of trichloroethene (TCE). The anecdotal evidence is from a former Navy employee who informed TtEMI field personnel that he heard the area near the drum filling plant was used for temporary storage of TCE because of a tank leak at another Bay Area Navy installation. This evidence is considered anecdotal because no written evidence has been made available; regardless, this potential source of TCE will be evaluated as discussed in Section 3.3.

Submerged portions of NFD Point Molate were evaluated during the Phase II RI and it was concluded that former releases had no adverse affect on the bay; therefore, no further evaluation of the submerged areas is necessary (TtEMI 2000a). These findings are described below in Section 3.2.

Site 4 is proposed for reuse as a shoreline park (City of Richmond 1997).

3.2 PREVIOUS INVESTIGATIONS AT SITE 4

The following paragraphs summarize previous investigations at Site 4. Information and analytical results from these investigations were used to evaluate additional data needs for the screening level risk assessment. Section 3.3 discusses these results and how they are used in selecting new sample locations, whereas this section briefly summarizes the previous investigations. A review of the data is included in Section 3.3 along with a description of the sampling planned for this investigation.

Sample locations from the previous investigations are shown on Figure 3 and on Plates 1 and 2. Analytical results for soil and groundwater samples are summarized in Tables 1 through 6. Analytical results for soil samples collected from deeper than 10 feet bgs are not summarized on these tables because this depth does not represent a complete exposure pathway; these data were therefore not used in selecting additional locations for soil sampling.

1994 Soil and Sediment Investigation and Quarterly Groundwater Sampling

This investigation encompassed both on- and offshore components, including quarterly groundwater sampling and collection of sediment and soil samples from borings (PRC 1994b). New soil borings were completed and monitoring wells were installed in both Drum Lot 1 and the South Shoreline Area. Existing and new groundwater monitoring wells were sampled within the three areas at Site 4 in March, June, September, and December 1994 (PRC 1995).

1996 Predesign Field Activities in Support of a Time-Critical Removal Action

Predesign field activities were conducted in October 1996 to support a time-critical removal action at Site 4, specifically within Drum Lot 1 (PRC 1996a). The purpose of the time-critical removal action was to contain and remove free product that was in the water table. The investigation defined the hydraulic effects from pumping groundwater in the Drum Lot 1 area, which included evaluation of changes in groundwater chemistry, manipulation of free product, and evaluation of hydraulic conductivity, saltwater intrusion, and changes in hydraulic gradient. New piezometers were installed to conduct this evaluation. No soil samples were collected from these borings. The investigation also included collection of groundwater samples and water level measurements from monitoring wells at Drum Lot 1 and from some

of the newly installed piezometers. The evaluation concluded that consistent pumping of groundwater from Drum Lot 1 results in saltwater intrusion.

1997 Time-Critical Removal Action

The Site 4 time-critical removal action consisted of extending an existing containment wall at Site 3 (PRC 1996a). This wall and its extension provides a barrier to floating product migrating to San Francisco Bay near monitoring well MW11-54, particularly during seasonal high rainfall periods, when several feet of product have typically accumulated in this location. Sheet piling was attached to the south end of the containment wall at Site 3 and extended southward, parallel to the shoreline, 140 feet before it turned inland along an 80-foot wing wall. A product removal system was also installed in monitoring well MW11-54. Construction of the containment wall and product removal systems was completed in June 1998. Currently, this sheet pile wall is used to define the boundary between Sites 3 and 4; the area north of the sheet pile wall is being evaluated as part of Site 3 (Figure 2).

1998 Pipeline Removal

The Drum Lot 1 pipeline removal was designed to remove all inactive underground pipelines adjacent to San Francisco Bay, from the existing Site 4 sheet pile wall to the fuel pier and pump station, and from the pump station to a location west of Building 69 (Plates 1 and 2), and to excavate visibly contaminated soil from beneath the pipelines. Soil samples were collected from beneath the pipelines to characterize areas of potential contamination. Fuel-contaminated soil was removed during the pipeline removals, and confirmation samples were collected at each of these areas (TtEMI 1999b). All of the removals were approximately 5 cubic yards, with the exception of a removal on the south end of the pump station that was approximately 15 cubic yards (locations are shown on Plate 2); results of confirmation samples indicated that the removals were successful in reducing localized concentrations of contaminants (TtEMI 1999b).

1998 – 2000 Phase II RI

The Phase II RI was conducted to update information on groundwater, to conduct a human health risk assessment (HHRA) focused on the Public Beach Area (TtEMI 2000a), and complete an offshore ecological risk assessment (ERA) (Entrix, Inc. and TtEMI 1999). Several new wells and soil borings were constructed and sampled in 1998 and 1999 during the Phase II RI, in particular within Drum Lot 1. The results of the Offshore ERA and Public Beach Area HHRA are important to consider when identifying future sampling needs at Site 4.

Offshore ERA

The overall objective of the offshore ERA was to evaluate the exposure of and effects to aquatic receptors and to characterize risk to aquatic receptors from exposure to historical petroleum-related releases at NFD Point Molate (Entrix and TtEMI 1999). Based on historical practices at the site, total petroleum hydrocarbons (TPH) and its constituents [for example, polyaromatic hydrocarbons (PAHs)] were identified as chemicals of potential ecological concern (COPECs) for this investigation, and sediments were considered the source of contamination. The following assessment endpoints served as the basis for this investigation:

- Protection of the benthic invertebrate community associated with offshore sediments at NFD Point Molate
- Protection of the larval fish community associated with the eelgrass beds off NFD Point Molate
- Protection of the shorebird community that uses the intertidal habitat at NFD Point Molate as a foraging area

The reliance on multiple lines of evidence required that a weight of evidence approach be developed so that potentially inconsistent findings could still result in definitive conclusions about risk. And in fact, the results of the offshore ERA were remarkably consistent for all assessment and measurement endpoints. The offshore ERA concluded that there were no risks to the benthic invertebrate community, larval fish community, or shorebird community from sediments at NFD Point Molate (Entrix and TtEMI 1999). The ERA also concluded that no further data are required to make risk management decisions for the offshore sediments at NFD Point Molate.

Public Beach Area HHRA

An HHRA was completed for the Public Beach area of Site 4 as a part of the Phase II RI (TtEMI 2000a). Chemicals of potential concern (COPCs) were volatile organic compounds (VOCs) and semivolatile organic compounds (SVOCs), including PAHs. Based on the current and future use of the Public Beach Area for recreational purposes, two receptors were evaluated: a child recreational visitor assumed to play in this area, and an adult who collects shellfish for personal consumption. The exposure pathways evaluated for these receptors were: incidental ingestion of soil and sediment, dermal contact with soil and sediment, inhalation of airborne particles and VOCs released from soil and sediment, and consumption of shellfish taken from the shoreline at NFD Point Molate.

The results of this HHRA indicate that exposure to soil and sediment in the Public Beach Area and ingestion of shellfish collected along the shoreline do not pose a significant health risk to children or adults (TtEMI 2000a). Based on the results of this HHRA, no remedial action is warranted for the Public

Beach Area, with the exception of the small area near Building 87 that is being evaluated under the EBS program.

1999 – 2000 Basewide Pipeline Removal

The basewide pipeline removal was designed to remove specified inactive underground pipelines in flat-lying and selected hillside locations. The basewide pipeline removal, in conjunction with the pipeline removal at Site 4, completes structural closure of the fuel system in most flat-lying areas of NFD Point Molate. Soil samples were systematically collected from beneath the pipelines after excavation to aid in characterizing potential areas of contamination. Areas of obvious (typically visible) contamination were excavated and confirmation samples were collected in these areas; over-excavated areas are shown on Figure 3 and Plates 1 and 2. The basewide pipeline removal, including excavation and sampling results, are summarized in the Basewide Pipeline Removal Summary Report (TtEMI 2001).

1996 – Present Environmental Baseline Survey (EBS)

Because NFD Point Molate was identified for closure under BRAC IV in 1995, the Navy prepared a Basewide EBS for the installation (PRC and MK 1996). This Basewide EBS evaluated potential releases of hazardous substances to the environment based on document reviews, visual site inspections, and interviews with current and former Navy personnel. Based on the findings of this EBS, the BRAC Cleanup Team (BCT) (Navy, EPA, RWQCB, City of Richmond, and California Department of Toxic Substances Control) identified areas where a release to the environment may have occurred and should be evaluated by sampling. These samples were collected as part of the Phase I EBS sampling in 1999; of a number of sites investigated, additional evaluation of Building 18 (a former storage shed), the Firing Range, and Building 87 was recommended. These areas are being evaluated under the ongoing Phase II EBS (TtEMI 2000e).

The Building 87 area overlaps Site 4 and is of interest in this FWP. The areas of overlap include a TCE plume that extends from the vicinity of Building 87 toward the shoreline; this plume is being evaluated in the Phase II EBS. Contamination in surface and subsurface soil from Building 87 is also being evaluated in areas that overlap Site 4. An initial risk assessment has been conducted for this area. COPCs in this risk assessment included pesticides in surface soil, pesticides and PAHs in subsurface soil, and dichloroethene (DCE), TCE and vinyl chloride in groundwater. Pesticides in surface soil were the only contaminants identified as COPECs because subsurface soil and groundwater were considered incomplete pathways for ecological receptors. The following exposure scenarios were evaluated for the Building 87 area:

- Current industrial worker exposure to surface soils
- Future recreational user exposure to surface soils
- Future construction worker exposure to subsurface soils and groundwater
- Ecological exposure to surface soils

For both the current industrial worker and future construction worker exposure scenarios, estimated cancer risks were within the EPA risk management range and the adverse noncancer hazard index (HI) was below 1.0, suggesting that adverse noncancer health effects are not expected to occur. The cancer risk estimate for the future recreational user was 1 E-04, at the upper end of the EPA risk management range, while the noncancer HI was 1.0, suggesting that adverse noncancer health effects are possible but not likely. For ecological receptors, estimated hazard quotients (HQs) were between 1 and 10. Given the conservative nature of this screening-level ERA, an HQ greater than 1 may not be of concern at Building 87. Dieldrin was identified as the primary risk driver in both surface and subsurface soil. Benzo(a)pyrene was identified as an additional human health risk driver in subsurface soil only. The risks associated with exposure to groundwater for the future construction worker were negligible when compared with the above risk drivers in soil.

The results of these screening-level assessments indicate that exposure to pesticides in surface soil may be of concern in the immediate vicinity of Building 87 (primarily outside of Site 4) (TtEMI 2000e). Therefore, removal of surfaces soils within the pesticide rinse area is planned for Spring 2001 to reduce risks. After this removal is complete, additional samples will be collected and risk will be evaluated and reported.

2001 UST and Pipelines Corrective Action Plan

The CAP presents a comprehensive approach to remediate the effects of fuel releases from the UST distribution system (both tanks and pipelines). The CAP is being prepared in accordance with UST requirements in the California Code of Regulations (CCR) Title 23 and regulatory guidance in the Interim Guidance on Required Cleanup at Low-Risk Fuel Sites (RWQCB 1996).

The CAP addresses areas of NFD Point Molate that are generally separated into two groups: the hillside areas, and the near-shore, flat-lying areas. The near-shore, flat-lying areas overlap with Site 4. Sources of data evaluated in the CAP include the Site 4 Pipeline Removal Final Summary Report (TtEMI 1999b) and the Basewide Pipeline Removal Final Summary Report (TtEMI 2001). For the near-shore areas, the CAP will be used to present:

- Areas of petroleum releases that either require no further action or that require corrective action
- Areas that will be evaluated further under the Site 4 Screening Level Human Health and Ecological Risk Evaluation

For the near-shore areas, the Draft CAP identifies one area along the south shoreline that requires corrective action (area from valve box VB-B [VB-B] to approximately 100 feet south of monitoring well MW10-03 and inland to MW11-81). Areas that are being further evaluated under the Site 4 investigation, but that may later be included in the CAP, are the Drum Lot 1 area and the area between valve boxes VB-1 and VB-2.

The Draft CAP is planned for completion in June 2001.

3.3 SUMMARY AND RECOMMENDATIONS FOR ADDITIONAL SAMPLING

The following sections summarize contaminant distribution and provide recommendations for additional data collection in the three areas that make up Site 4 (North Shoreline Area, South Shoreline Area, and Drum Lot 1).

Previous and planned sample locations are shown on Figure 3 for the North Shoreline Area, on Plate 1 for the South Shoreline Area, and on Plate 2 for Drum Lot 1. Analytical results for soil and groundwater samples are summarized on Tables 1 through 6. Analytical results for soil samples collected from below 10 feet bgs are not summarized on these tables because this depth does not present a complete exposure pathway, and these data therefore were not used in selecting additional soil sampling locations. Planned additional sampling locations are summarized on Table 7. Sampling procedures for soil and groundwater are detailed in the FSP (Appendix A).

Detailed descriptions and results of previous investigations are presented in the Phase II RI Report (TtEMI 2000a), the Basewide Pipeline Removal Summary Report (TtEMI 2001), and the UST Characterization Report (TtEMI 2000b).

The analytical results from previous investigations at Site 4 were compared with applicable action levels in the Draft Fuel Product Action Level Development Report (FPALDR) (TtEMI 2000d). The FPALDR includes action levels for total petroleum hydrocarbons as extractable (TPH-e) and purgeable (TPH-p) and associated PAHs. These action levels are summarized on Table 8. Action levels for soil at Site 4 were specified for receptors that include park maintenance (from 0 to 10 feet bgs), recreational (from 0 to 2 feet bgs), and terrestrial ecological (from 0 to 3 feet bgs). Groundwater action levels are designated for wells within 150 feet of the shoreline and for wells farther than 150 feet of the shoreline.

Locations where fuel product action levels (FPALs) were exceeded were considered for further sampling. These sampling locations are also shown on the figures and plates. Locations where chlorinated compounds have previously been detected in groundwater, the possible history of chlorinated solvent use, and a spatial lack of data were also considered in selecting locations for additional sampling. Areas that are being addressed in another program or that do not exceed the FPAL criteria were not considered for further sampling as part of the investigation at Site 4.

Contaminant levels have likely decreased since much of the data were collected and the installation ceased operations associated with handling petroleum products; this additional investigation is intended in part to demonstrate that contaminant concentrations are decreasing by natural attenuation. To demonstrate that natural attenuation is occurring, select samples will be analyzed for natural attenuation parameters that include heterotrophic plate counts, anions, and dissolved ferrous iron.

3.3.1 North Shoreline Area

The following is a summary of results for groundwater and soil samples from previous investigations and plans for further evaluation of the North Shoreline Area. Previous as well as planned sample locations for the North Shoreline Area are shown on Figure 3; analytical results for soil and groundwater are shown on Tables 1 and 2. Two additional groundwater sampling events are planned at one location. Additional soil sampling at one location is also planned. Two soil samples will be collected at the soil sampling location to represent risk exposure scenarios; one composite sample will be collected from 0 to 3 feet bgs and another from 5 to 10 feet bgs. Table 7 summarizes the sampling activities planned.

Groundwater

Samples from wells MW11-02 and MW11-05 within the North Shoreline Area have been analyzed for TPH, VOCs, and PAHs. The FPALDR action levels for TPH or PAHs in groundwater were not exceeded within 150 feet of the shoreline; in addition, there were few detections of TPH and no detections of PAHs (Table 1). Underground fuel pipelines and a valve box are the only source of petroleum hydrocarbons in the North Shoreline Area. These pipelines were removed as part of the basewide pipeline removal and were observed to be in good condition, and no obvious contamination was observed. Therefore, no further evaluation of TPH in groundwater in this area is recommended for this investigation. However, additional samples are being collected at well MW11-02 under the UST program, and not as part of the CAP, but for general site characterization.

The VOC 1,2-dichlorethene (1,2-DCE) was detected at 5 micrograms per liter (µg/L) and TCE was detected at 3 µg/L in samples from well MW10-05 before the Phase II RI was completed. Both 1,2-DCE

and TCE were again detected during the Phase II RI groundwater sampling events, at concentrations of 2 and 1 μg/L, respectively. Therefore, two rounds of groundwater samples will be collected from well MW11-05 to ascertain the presence of 1,2-DCE and TCE. Although the source of 1,2-DCE and TCE is unclear, a fire-training pit near well MW11-05 is suspected.

Soil

Soil samples that correspond to potentially complete exposure pathways (that is, soil samples between 0 and 10 feet bgs) were collected during the basewide pipeline removal. Although no FPALs were exceeded within the boundary of Site 4, one was exceeded nearby at sample location EX11-46. A detection of TPH as diesel of 1,200 milligrams per kilogram (mg/kg) in a soil sample from location EX11-46 exceeded the ecological action level. Because this was the only FPAL exceeded in the area, there was no obvious contamination; in surrounding sample locations, diesel was either not detected (location EX11-45) or was detected at low levels (110 mg/kg at location EX11-47). This detection is considered isolated. Underground fuel pipelines and a valve box are the only sources of petroleum hydrocarbons in the North Shoreline Area. These pipelines were removed as part of the basewide pipeline removal and were observed to be in good condition, and no obvious contamination was observed. Therefore, no further evaluation is recommended for TPH in soil for the North Shoreline Area; this recommendation will also be discussed in the CAP.

However, one location near monitoring well MW11-05 has been selected for soil sampling. This soil sampling location will be identified as SB11-99 and is shown on Figure 3. The purpose for collecting this sample is to assess the likelihood that contaminants in samples from well MW11-05 originated from the nearby fire-training pit.

3.3.2 South Shoreline Area

The following is a summary of results for groundwater and soil samples from previous investigations and plans for further evaluation of the South Shoreline Area. Previous as well as planned sample locations for the South Shoreline Area are shown on Plate 1; analytical results for soil and groundwater are shown on Tables 3 and 4. Two additional groundwater sampling events are planned at three locations. Additional soil sampling at four locations is also planned. Two samples will be collected at the soil sampling location to represent risk exposure scenarios; one composite sample will be collected from 0 to 3 feet bgs, and another will be collected from 5 to 10 feet bgs. Table 7 summarizes the planned sampling activities.

Groundwater

A network of groundwater monitoring wells extends along the South Shoreline and has been periodically monitored since 1994. The following discussion summarizes the condition of groundwater along the South Shoreline from the south side of Drum Lot 1 toward the Public Beach Park.

Visible petroleum contamination was observed during the basewide pipeline removal from former valve box VB-B to approximately 150 feet east toward the South Shoreline (near well MW10-02). Both wells MW10-02 and MW10-03 have contained free-floating fuel product. Although well MW10-02 has never collected enough groundwater to allow sampling, nearby wells MW10-03, MW10-17, and MW10-18 have been sampled. Results for groundwater samples from all of these wells have exceeded the FPALs. (All these wells were abandoned during the basewide pipeline removal.) Visible contamination was not observed in trenching 100 feet south of well MW10-03. The area from VB-B to approximately 100 feet south of well MW10-03 will be included in the CAP. Because corrective action is being planned for this area and there is no history or source of contamination other than petroleum, this area will not be further evaluated as part of the investigation of Site 4. This area is defined on Plate 1.

Well MW10-04 is approximately 400 feet south of well MW10-03. Detections of TPH-e identified as "other" (that is, a specific fuel type could not be identified by the laboratory) exceeded the FPAL in samples collected in March and June 1994 (2.8 milligrams per liter [mg/L] and 1.8 mg/L). However, TPH was not detected in samples from well MW10-04 in September and December 1994. Therefore, contamination associated with the area near well MW10-03 does not extend south to well MW10-04. In addition, no FPALs were exceeded in groundwater samples from well MW10-05, approximately 400 feet south of well MW10-04. Chlorinated VOCs (carbon tetrachloride) have been detected in samples from well MW10-05; however, carbon tetrachloride was detected in only two of six samples analyzed for VOCs from this well at a maximum detection of 0.8 μg/L. Because of the low level and infrequency of these detections and because carbon tetrachloride is not detected at any other location along the South Shoreline Area, this well is not recommended for further sampling in this investigation of Site 4. This area is also not recommended for further evaluation in the CAP, although additional samples are being collected at well MW10-04 under the UST program for general site characterization.

The only other FPALs that were exceeded were in samples from well ERM10-01, adjacent to valve box VB-1. This well was abandoned during the basewide pipeline removal. Free product was previously identified in this well. Based on the presence of free product and because the FPALs were exceeded, it is

recommended that this well be replaced and that two rounds of groundwater samples be collected. The replacement well is identified as MW10-21 on Plate 1.

Between valve boxes VB-1 and VB-2, significant visible contamination was observed during the basewide pipeline removal. Based on these observations and the lack of groundwater sampling between these wells, a new well will be completed approximately halfway between valve boxes VB-1 and VB-2 and two rounds of groundwater samples will be collected. This well will be closer to valve box VB-2 because of shallow bedrock and a lack of groundwater near valve box VB-1. This well is identified as MW10-23 on Plate 1.

Although no sample results for other wells exceed FPALs, chlorinated solvents were previously detected in samples from wells MW10-05, MW10-10, MW10-11, and MW10-12. As discussed above, because of the low level and infrequent detections of carbon tetrachloride, well MW10-05 is not recommended for further sampling. Wells MW10-11 and MW10-12 are being evaluated for detections of chlorinated solvents under the EBS program, as described in the following paragraph. Previous detections of chlorinated solvents in samples from well MW10-10 are not being evaluated in any other program, and this well will be sampled for VOCs in this investigation of Site 4.

A chlorinated solvent plume has been identified near Building 87. This plume is being sampled and evaluated as part of the EBS program. This sampling and evaluation program has included sampling wells MW10-11 and MW10-12. Low levels of chlorinated solvents have been detected in samples from these wells in the past (Table 3). Although these wells are within Site 4, the detections of chlorinated solvents are being evaluated in the EBS program and will not be sampled in this investigation.

Soil

Soil samples that correspond to potentially complete exposure pathways (that is, soil samples between 0 and 10 feet bgs) were primarily collected during the basewide pipeline removal and are included on Table 4. The only FPALs exceeded for soil samples along the South Shoreline Area are within areas being evaluated under the EBS program or were evaluated in the risk assessment for the Public Beach Area as part of the Phase II RI (TtEMI 2000a). These evaluations are further described below, and no sampling for these areas is recommended as part of this FWP.

Although no soil samples contained contaminants at levels that exceed the FPALs, some additional soil sampling is recommended based on observations during the basewide pipeline removal. Significant visible contamination was observed in the area between valve boxes VB-1 and VB-2 during the basewide

pipeline removal. One previous soil sample in this area from boring SB10-07 contained TPH and PAHs at levels that did not exceed FPALs. Based on observations during the pipeline removal, field personnel decided not to collect samples because the obvious staining would likely prompt an evaluation later. Therefore, four soil borings are recommended in the areas near valve boxes VB-1 and VB-2. Boring SB10-21 will be collocated with new well MW10-21 (immediately north of valve box VB-1), boring SB10-23 will be collocated with new well MW10-23 between valve boxes VB-1 and VB-2), and borings SB10-22 and SB10-24 will be placed between valve boxes VB-1 and VB-2 (Plate 1). These samples will be analyzed for TPH and PAHs (Table 8).

3.3.3 Drum Lot 1

The following is a summary of results for groundwater and soil samples from previous investigations and recommendations for further evaluation of Drum Lot 1. Previous as well as planned sample locations for Drum Lot 1 are shown on Plate 2; analytical results for soil and groundwater are shown on Tables 5 and 6. Two additional groundwater sampling events at 13 locations is planned. Additional soil sampling at 19 locations is also planned. Two soil samples will be collected at the soil sampling location to represent risk exposure scenarios; one composite sample will be collected from 0 to 3 feet bgs, and another will be collected from 5 to 10 feet bgs. Table 7 summarizes the sampling activities planned.

Groundwater

Previous analytical results from groundwater samples collected from wells at Drum Lot 1 have revealed the presence of TPH throughout the area (see Table 5 and Plate 2). Analytical results for groundwater also indicate benzene, toluene, ethylbenzene, and xylenes (BTEX) compounds, with the most consistent detections of BTEX in samples from well MW11-19. Wells will be sampled for this investigation if previous analytical results indicated contaminants at concentrations that exceeded FPALs. These wells include: MW11-88, MW11-22, MW11-19, PZ11-75, MW11-57, PZ11-76, and MW11-86.

In addition to TPH and related products, chlorinated VOCs (primarily TCE and associated breakdown products) have been detected in samples from some wells within the Drum Lot 1 area. Of the wells where more than one round of sampling was conducted (that is, wells installed prior to the Phase II RI), the chlorinated VOC vinyl chloride has been consistently detected only in samples from well MW11-57. However, TCE was detected in samples from three wells installed during the Phase II RI that have been sampled only once (wells MW11-80, MW11-85, and MW11-86). These four wells will be sampled to evaluate previous detections of chlorinated VOCs. Although there is no strong evidence to identify the source of chlorinated VOC contamination, anecdotal evidence indicates that TCE may have been handled

at the former drum filling plant (Building 89). Well MW11-100 will be installed and sampled, and wells MW11-82 and MW11-83 will also be sampled, to evaluate the vicinity of Building 89 as the potential source of TCE contamination.

Well MW11-20 will also be sampled during this investigation. This well is located in the northern portion of Drum Lot 1 near the sheet pile wall that makes up the boundary between Sites 3 and 4. Sample results from this well will be used to characterize conditions near the boundary of the site and to evaluate the effect of the sheet pile wall on groundwater contamination; data for samples from wells MW11-20 and MW11-88 (also near the sheet pile wall) will also be evaluated in the ongoing Site 3 investigation.

Although the wells selected for sampling were identified based on previous detections of either TPH or chlorinated VOCs, all wells will be sampled for TPH-e, TPH-p, PAHs, and VOCs to provide for complete site characterization.

Soil

Soil sample results that correspond to potentially complete exposure pathways (that is, soil samples obtained from between 0 and 10 feet bgs) were primarily collected during the basewide pipeline removal and are included in Table 6. FPALs that were exceeded in soil samples collected at Drum Lot 1 were a result of PAH detected along the section of pipeline that runs from the pier to the north (Plate 2). These samples were collected immediately below the pipelines. Therefore, sampling along the pipelines is planned to provide data for the risk screen. Sample borings will be drilled approximately every 100 feet along the section of former pipeline that ran from the pier to the north. Sample borings will be completed approximately every 200 feet along the former pipeline section that ran from the pier to the east. These sample locations are identified as SB11-106 through SB11-116 on Table 7 and Plate 2.

Samples will be collected in areas where FPALs have been exceeded in the past and near Building 89 to evaluate for chlorinated VOCs. Six sample borings will be completed to evaluate the vicinity of Building 89 as the potential source of TCE contamination; these sample locations are identified as SB11-100 through SB11-105 on Table 7 and Plate 2. Two of these borings will be completed within 20 feet of Building 89, approximately 100 feet apart. The next two borings will be located approximately 120 feet west of Building 89, and the last two borings will be drilled 220 feet west of Building 89 (see Plate 2).

Two borings will also be drilled near the center of the drum lot to assist in overall site characterization. These two sample locations are identified as SB11-117 and SB11-118 on Table 7 and Plate 2.

Although these sampling locations were selected to characterize specific sources of either TPH or chlorinated VOCs, all soil samples will be analyzed for TPH-e, TPH-p, PAHs, and VOCs to provide for complete site characterization.

4.0 INVESTIGATION TASKS

The focus of the investigation at Site 4 is to collect data with the overall goal of eliminating data gaps that remain from previous investigations and to update data on groundwater for select wells. These new and existing data for Site 4 will be used in the screening-level evaluation of human health and ecological risk. Results of the screening-level risk evaluation will be used to recommend areas within Site 4 for:

- Further evaluation under the IR program
- Further evaluation under the UST program
- No further action

Both historical and current data from the RI and pipeline removal were used to select the number and locations of monitoring wells and samples. A brief description of the work associated with accomplishing these tasks is provided below. Detailed descriptions of soil and groundwater sampling locations, number of samples, analytical methods, quality control requirements, and field proceduresare presented in the FSP (Appendix A) and in the QAPP (Appendix B).

4.1 FIELD INVESTIGATION

This section summarizes sampling for the three areas that make up Site 4. All analytical results will be used to conduct a screening-level risk evaluation for Site 4.

Groundwater

Two rounds of groundwater samples will be collected from the three new and 14 existing monitoring wells to update the current groundwater data set, for a total of 34 groundwater samples. One sampling round will take place during June 2001; the second round will take place during November 2001. Sampling during different times of year will address changes in contaminant concentrations caused by seasonal changes in the water table. Depending on the purpose of the sampling location, groundwater samples will be analyzed for the presence of TPH-p quantified as gasoline, TPH-e quantified as diesel, PAHs, and VOCs. Sample locations are shown on Figure 3 and on Plates 1 and 2; the sampling rationale and analysis are summarized on Table 7.

Soil

Twenty-four shallow (0 to 3 feet bgs) and 24 subsurface (5 to 10 feet bgs) soil samples will be collected at 24 locations within Site 4 for this investigation. This sampling is planned for June 2001. The samples will be composited across the appropriate depth interval (0 to 3 feet or 5 to 10 feet bgs), with the exception of the samples collected for VOC analysis. Samples for VOC analysis will be collected from a discrete interval at the approximate middle of the two sampling intervals with the EnCore sampling method; this method is used to prevent loss of VOCs. Borings will be completed using direct-push sampling techniques. Soil samples will be analyzed for the presence of TPH-p, TPH-e, PAHs, and VOCs, depending on the sample location. Sample locations are shown on Figure 3, and Plates 1 and 2; the sampling rationale and analysis are summarized on Table 7.

4.2 EVALUATION OF RISK

Data collected during the investigation of Site 4 will be used in conjunction with previous data to evaluate potential human health and ecological risks associated with exposure to soil and groundwater at Site 4.

No new human health or ecological screening levels will be developed for this risk evaluation report. Potential human health and ecological risks will be evaluated by screening existing contaminant concentrations against chemical-specific action levels presented in the NFD Point Molate FPALDR for TPH products and related compounds such as BTEX and PAHs (Table 8) (TtEMI 2000d). As a secondary screen, EPA Region 9 preliminary remediation goals (PRGs) (EPA 1999) for BTEX and PAHs may be used in the risk evaluation.

Human health risk-based action levels for chlorinated solvents were not developed in the FPALDR (Table 8). Therefore, EPA Region 9 PRGs will be used in the human health risk evaluation process for these COPCs. However, PRGs may be modified so that site-specific human health pathways, such as exposure to recreational users and construction workers, can be evaluated.

It is assumed that no complete exposure pathway exists for chlorinated solvents or other contaminants in groundwater for terrestrial ecological receptors. In contrast, it is assumed that a complete exposure pathway may exist for saltwater aquatic receptors near the shoreline. This potential pathway will be considered even though the offshore ecological risk assessment concluded that there are no risks to ecological resources from offshore sediments (Entrix and TtEMI 1999). These assumptions on ecological receptors will be discussed in detail in the risk evaluation report. If needed, generic ecological screening values for chlorinated solvents will be used in the risk screening process.

5.0 DESIGN OF INVESTIGATION AND DATA QUALITY OBJECTIVES

The design of this investigation relies on previous studies conducted at Site 4. Previous soil and groundwater investigations involved selection of sampling locations using a judgmental approach, with the primary objective of identifying and characterizing the nature and extent of chemical constituents in soil and groundwater. The investigation described in this work plan is also based primarily on judgmental sampling to address deficiencies in the current data set.

5.1 DATA QUALITY OBJECTIVES

The DQO process is a systematic planning tool for establishing criteria for defensible decision-making and for developing a data collection plan based on these criteria. The DQO process consists of the seven steps listed below and described in the Guidance for the Data Quality Objectives Process (EPA 2000). The seven steps include:

- Step 1: State the Problem
- Step 2: Identify the Decision
- Step 3: Identify Inputs to the Decision
- Step 4: Define the Study Boundaries
- Step 5: Develop a Decision Rule
- Step 6: Specify Limits on Decision Errors
- Step 7: Optimize the Design for Obtaining Data

The DQO process was the basis for creating the sampling design and establishing objectives for soil and groundwater sampling at Site 4. A detailed discussion of the seven DQO steps is presented in Section A1.2 of the QAPP (see Appendix B).

6.0 DATA MANAGEMENT

The project chemist will manage data generated as part of this investigation. Data management tasks for this project include tracking sample data as they are received from the laboratory and after an independent review by a data validation subcontractor. Data management also includes tracking all field data entry forms and ensuring they are accurate and complete. After review of validated laboratory soil and groundwater data reports, TtEMI will enter the data into the NFD Point Molate database. Data entry will require that the field team fill out extended chain-of-custody (CoC) forms. Extended CoC forms are used internally to ensure that the database manager is provided with all sampling information necessary to

meet the requirements of the database. Detailed descriptions of data pathways and data handling are presented in the QAPP (see Appendix B). An example of the extended CoC is presented in Appendix D.

7.0 HEALTH AND SAFETY PROJECT PLAN

This section supplements the NFD Point Molate Basewide Health and Safety Plan (HASP) (TtEMI 2000c) by providing a project-specific overview of health and safety requirements and procedures to be used in conjunction with the basewide HASP. Requirements and procedures that do not deviate from the basewide HASP are noted as such.

7.1 INTRODUCTION

General health and safety requirements for all field activities are provided in the revised basewide HASP for NFD Point Molate (TtEMI 2000c). This basewide HASP has been designed as a comprehensive document that governs the health and safety aspects of all field activities under CLEAN at NFD Point Molate. This section supplements and is to be used in conjunction with the basewide HASP. An on-site health and safety officer (OHSO) will be present during field activities to implement the HASP. TtEMI employees, team subcontractors, and other subcontractors are expected to follow the health and safety requirements set forth in this plan and in supporting documents, at a minimum, or the more stringent requirements of their employer. Each subcontractor shall submit a company health and safety program and job hazard analysis for its tasks.

7.2 SITE BACKGROUND

This section does not deviate from the corresponding section in the revised basewide HASP. The site background is also summarized in Section 2 of this field work plan.

7.3 ORGANIZATION, RESPONSIBILITIES, AND REQUIREMENTS

This section does not deviate from the corresponding section in the revised basewide HASP.

7.4 HAZARD IDENTIFICATION AND ANALYSIS

Project-specific hazards are consistent with the corresponding section in the revised basewide HASP. Physical hazards that may be encountered during field activities include noise, heat stress, and working around heavy equipment.

Chemical hazards include petroleum hydrocarbons, VOCs, and SVOCs, primarily PAHs, in soil, sediment, groundwater, and floating hydrocarbon plumes.

Industrial hazards include underground utilities and overhead electrical hazards. Before drilling, underground plan and utility checks will be performed. In addition, a utility search using specialized cable-detection equipment will be conducted and documented. When working in the area of overhead utilities, subcontractors shall prepare a detailed hazard analysis in accordance with CLEAN Standard Operating Procedure (SOP) H-008, "Job Hazard Analysis" (PRC 1996c) before heavy equipment (for example, a drill rig) is operated underneath or within 20 feet of the maximum reach of the equipment.

Biological hazards include bees, wasps, yellow jackets, ticks, black widow spiders, brown recluse spiders, wild (feral) dogs, and poison oak. In all cases, a person suspected of being bitten by a black widow spider, brown recluse spider, or wild dog shall receive medical attention.

7.5 FIELD SAFETY RULES

This section does not deviate from the corresponding section in the revised basewide HASP. Regular health and safety inspections will be conducted and documented by the OHSO and project managers at each work site.

7.6 SITE CONTROL AND DECONTAMINATION

This section does not deviate from the corresponding section in the revised basewide HASP. The OHSO will implement multiple zone site control and three-stage decontamination requirements, as necessary, with project activities.

7.7 HAZARD MONITORING PROGRAM

TtEMI will carry out all necessary air surveillance. The OHSO will initiate a monitoring program for heat stress whenever personnel are wearing semipermeable or impermeable protective clothing and the outside temperature reaches 75°F. For personnel in normal work clothing, a heat stress monitoring program will be initiated when the outside temperature exceeds 85°F. On-site personnel will have ready for use a full-face respirator with P-100 rated filters and organic vapor filters if an action level for total organic vapor is exceeded. Before field work begins, a respirator hazard assessment form will be completed; action levels will be established at that time. The OHSO shall perform or oversee the initial

and hourly air monitoring with a photoionization detector/flame ionization detector (PID/FID) at the designated field locations for health and safety purposes.

This section does not deviate from the corresponding section in the revised basewide HASP except for the following: since direct measurements of PAHs in the field are not possible, respirable dust will be monitored in real time. Total concentrations of dust will be measured with a Miniram7 instrument. All persons at Site 4 will don an air-purifying respirator if total concentrations of dust exceed the 0.5-milligram/cubic meter action level. In addition to PID/FID measurements, a Dräger tube will be used to monitor concentrations of vinyl chloride in areas where it has been detected historically.

7.8 PROTECTION AND HAZARD COMMUNICATION PROGRAMS

This section does not deviate from the corresponding section in the revised basewide HASP. All on-site personnel will don a minimum of Level D personal protective equipment (PPE), which includes safety glasses, leather work boots with steel toe and shank, long pants, short- or long-sleeved shirt, ear plugs (as required), rubber over-the-sock boot with steel toe and shank (optional in lieu of work boot), and hard hat, while conducting field work.

During drilling and groundwater sampling at Site 4, all on-site personnel will don Tyvek (for dry environments) or polyethylene-coated Tyvek (for wet environments) coveralls taped at the cuffs and ankles and chemical protective gloves in addition to the Level D PPE described previously.

Field personnel will have been respirator fit-tested within the previous 6 months and will be participating in a medical surveillance program. Hazard communications training will be provided as required by regulations.

7.9 EMERGENCY RESPONSE PLAN

This section does not deviate from the corresponding section in the revised basewide HASP. TtEMI and each subcontractor shall conduct and document safety meetings on a regular basis. The OHSO will check that first aid personnel, first aid supplies, standard pressurized eyewash station, and emergency deluge water are available on site.

Field personnel will be certified in 40-hour Occupational Safety and Health Administration (OSHA) training for hazardous-waste site operations, and will be trained in first aid and cardiopulmonary resuscitation.

A project-specific map to the emergency medical facility is provided as Figure 4. Information on, and directions to, the medical facility are provided on Table 9.

8.0 SAMPLING AND ANALYSIS

Environmental media will be sampled and analyzed in accordance with federal, state, and local regulations and guidance. Site-specific sampling and analysis will be carried out in accordance with the FSP and QAPP for this investigation. Analysis will follow state and federal standard methods, where applicable.

Soil samples will be analyzed for TPH-e, TPH-p, PAHs, and VOCs in some locations. Groundwater samples will be analyzed for TPH-e, TPH-p, PAHs, and VOCs. All sample collection activities are described in detail in the FSP (see Appendix A) and will be conducted according to SOPs (see Appendix C). Details of sample analysis, along with specific QA/QC requirements, are provided in Section B6 of the QAPP (see Appendix B). Examples of field forms used to document sampling are in Appendix D. Proposed groundwater monitoring well and soil sample locations are shown on Figure 3 and on Plate 1 and Plate 2.

Investigation-derived waste (IDW) soil will be sampled and characterized to identify the appropriate disposal method. All wastewater will be disposed of at the on-site water treatment plant. Soil sampling requirements for IDW characterization are discussed in Section 3.7 of the FSP.

9.0 QUALITY ASSURANCE

Work for this contract task order (CTO) will be conducted in accordance with TtEMI's CLEAN II Quality Management Plan (QMP) (PRC 1996b) and Quality Improvement Plan (TtEMI 1999a). Activities defined in this FWP may be subject to a systems audit by QA staff to document that work is conducted in accordance with the QMP. Audit results will be included in a summary report, as necessary. An example of the audit report is provided in Appendix D.

Field duplicates, two samples collected at the same time and from the same source that are submitted as separate samples to one laboratory for analysis, will be collected at a frequency of 10 percent of total water samples for this project. Matrix spike and matrix spike duplicate samples will be collected at a frequency of 5 percent of all samples from each medium with each analytical batch. Data validation will include 100 percent cursory (Level III) and 10 percent full (Level IV) validation for all analytical results.

A summary of the QC samples to be collected and a detailed description of their function are provided in Section B6 of the QAPP (see Appendix B).

The QAPP details QA/QC procedures for sampling and analytical work for the investigation at Site 4. The QAPP also describes procedures that will be followed during field audits and correction of any nonconformances. QC summary reports will also be prepared. An example of the QC summary report is in Appendix D.

10.0 REPORTING AND SCHEDULE

Following are the deliverables associated with the investigation at Site 4:

Internal draft FWP/FSP/QAPP	November 2000
Response to comments on the internal draft FWP	March 2001
Interim Final FWP	March 2001
Final FWP/FSP/QAPP	May 2001
Field work	
(soil and groundwater sampling, monitoring well installation)	May/June 2001
Internal draft risk evaluation	September 2001
Draft risk evaluation report	November 2001
Groundwater sampling round 2	November 2001
Response to comments on the draft risk evaluation report	January 2002
Final risk evaluation report	March 2002

Other documentation that will be produced during the investigation at Site 4 includes the following:

- IDW management and disposal records
- Field forms
- Health and safety records and reports
- Field logbooks
- QC summary reports
- Extended CoC forms

11.0 COMMUNITY RELATIONS

No community relations plan is required for this investigation. The TtEMI project manager or installation coordinator (IC) will attend several monthly RAB and remedial project manager (RPM) meetings when progress reports on the Site 4 investigation will be presented.

12.0 PROJECT MANAGEMENT AND STAFFING

Project management tasks include planning, technical, and administrative activities necessary to properly monitor and promote consistency throughout all facets of the project. Specific activities for project management include the following:

- Project startup and closeout
- Overall project coordination and scheduling involving TtEMI, the Navy, and project subcontractors
- Attendance at planning and comment resolution meetings involving TtEMI, the Navy, regulatory agencies, and the public
- Coordination with other Navy CLEAN projects at NFD Point Molate
- Document control and project recordkeeping
- Maintenance and updating of project schedules
- Quality control

The investigation at Site 4 will be staffed with a multidisciplinary team composed of technically qualified professionals. Project team members who will coordinate the Site 4 investigation activities are as follows:

Navy RPM	Michelle Gallice-Sondrup	(619) 532-0971
Navy QA Officer	Narciso A. Ancog	(619) 532-2540
TtEMI Program Manager	Daniel Chow	(415) 222-8222
NFD Point Molate Navy Site Contact	Gregg Harden	(510) 231-7902
TtEMI Program QA Manager	Greg Swanson	(619) 718-9676
TtEMI Lead Geologist	David West	(303) 312-8879
TtEMI IC	Brian Schuller	(303) 441-7912
TtEMI Project Manager	Jim Knight	(303) 441-7916
TtEMI Field Manager	Jason Kahlert	(303) 313-8281
TtEMI Project QA Manager	Ron Ohta	(916) 853-4506
TtEMI Health and Safety Manager	Conrad Sherman	(415) 222-8377
TtEMI On-Site Health and Safety Officer	Jason Kahlert	(303) 313-8281
TtEMI Community Relations Coordinator	Brian Schuller	(303) 441-7912
TtEMI Analytical Coordinator	Karin Kaiser	(303) 312-8846

The TtEMI offices in Boulder, Colorado; Denver, Colorado; Sacramento, California; and San Francisco, California, will staff the project. Jim Knight, the TtEMI project manager, has primary responsibility for quality, budget, and completion of all work according to schedule. Mr. Knight will be responsible for all investigation activities at Site 4. He will coordinate technical resources and report directly to Michelle Gallice-Sondrup, the Navy RPM, regarding overall program guidance and key technical and policy issues.

13.0 REFERENCES

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FIGURES

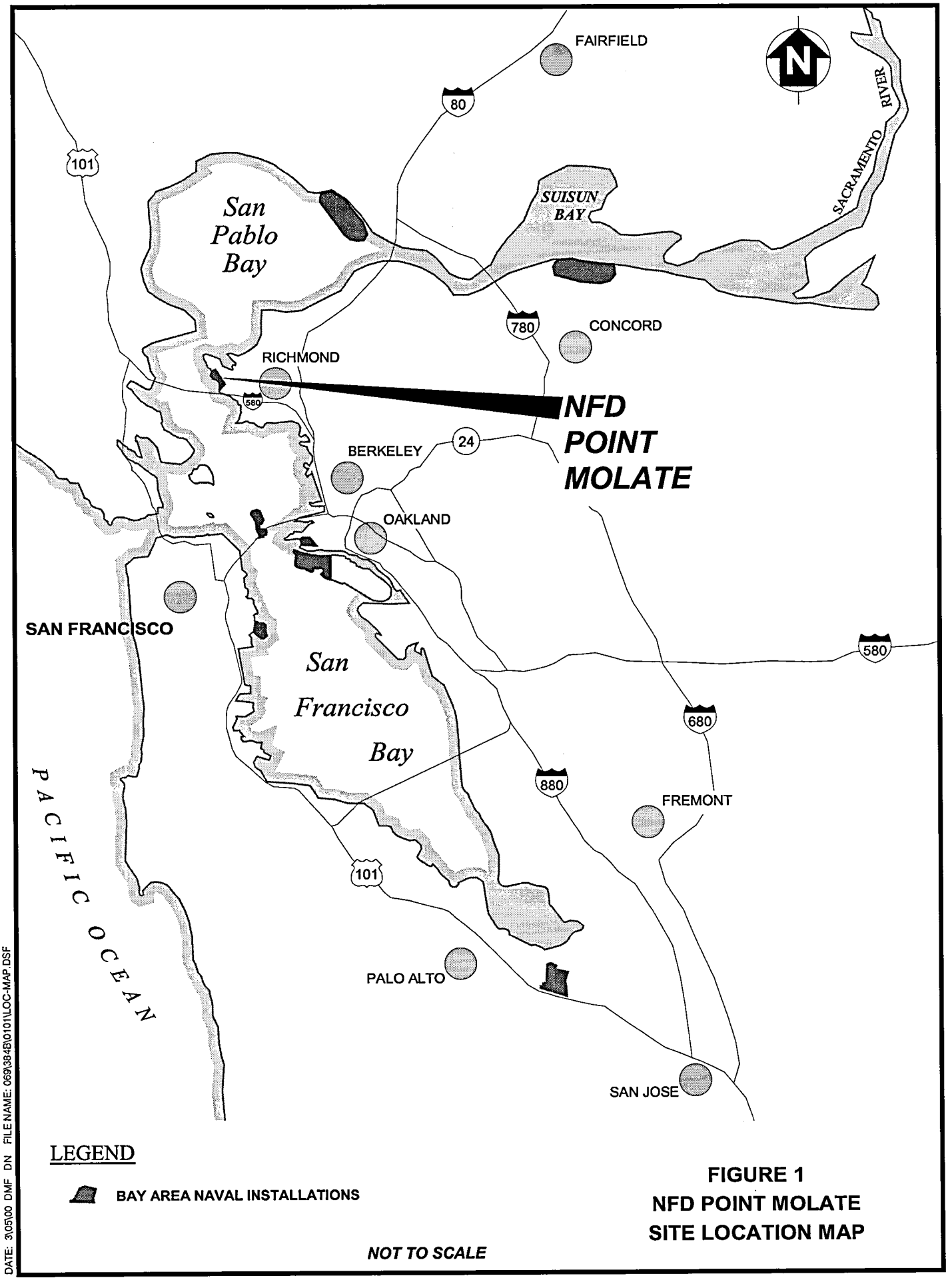
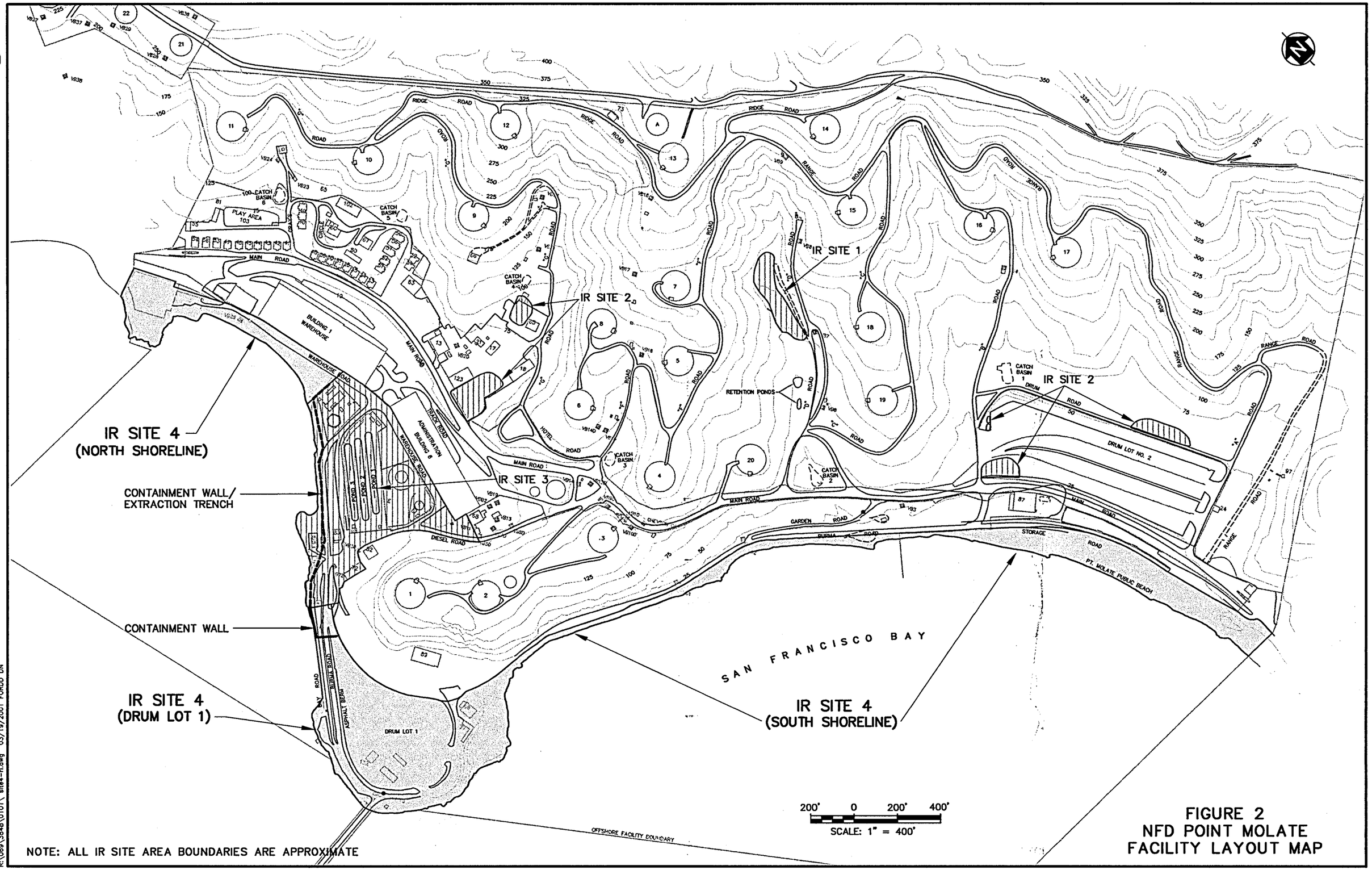


FIGURE 1
NFD POINT MOLATE
SITE LOCATION MAP

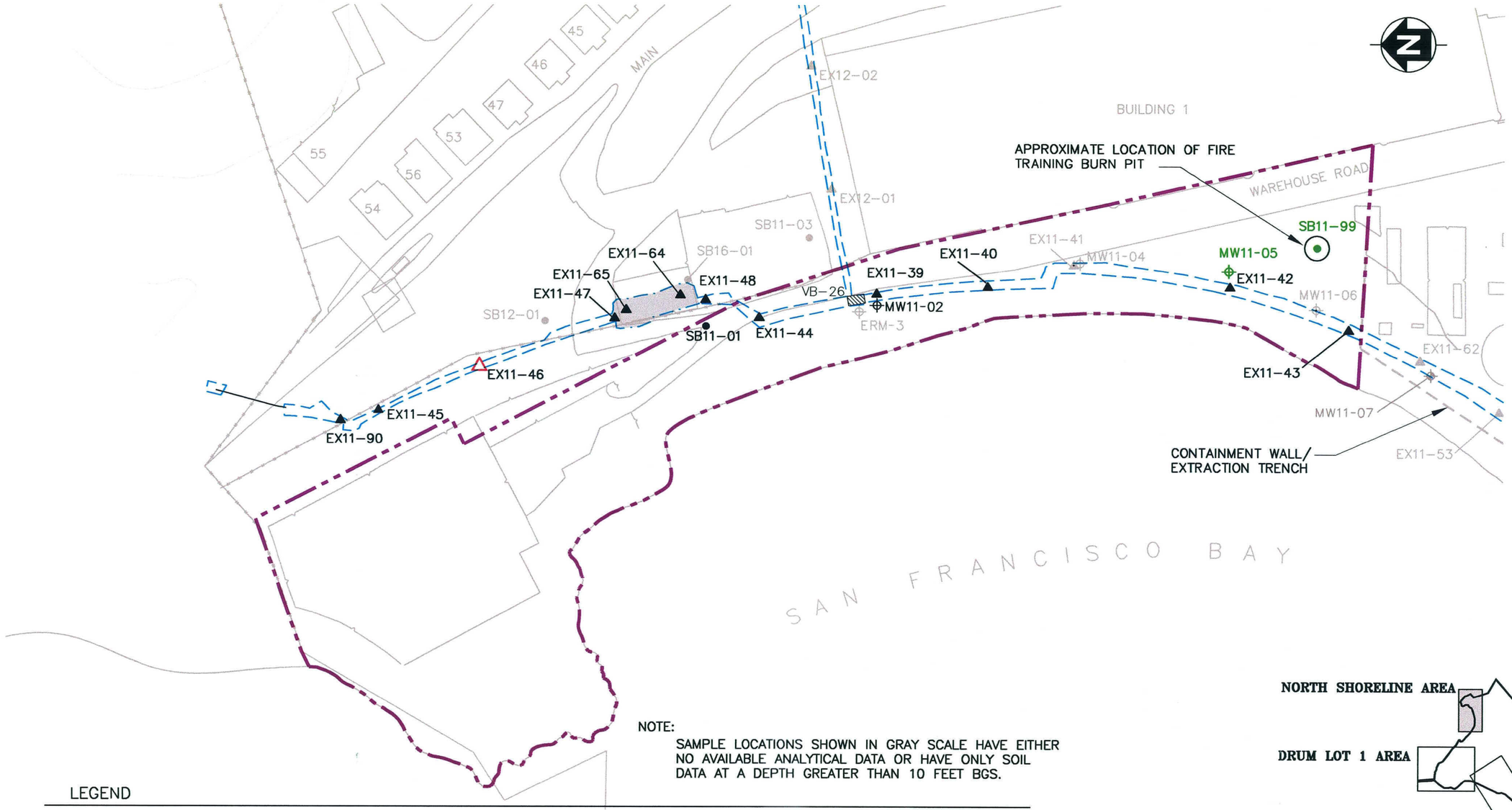
DATE: 3\05\00 DMF DN FILE NAME: 069\384B\0101\LOC-MAP.DSF



NOTE: ALL IR SITE AREA BOUNDARIES ARE APPROXIMATE

FIGURE 2
NFD POINT MOLATE
FACILITY LAYOUT MAP

R:\069\384B\01OT\ site4-ri.dwg 03/19/2001 FORDD DN



NOTE:
SAMPLE LOCATIONS SHOWN IN GRAY SCALE HAVE EITHER NO AVAILABLE ANALYTICAL DATA OR HAVE ONLY SOIL DATA AT A DEPTH GREATER THAN 10 FEET BGS.

LEGEND

- SITE 4 BOUNDARY
- PIPELINE REMOVAL EXCAVATION EXTENT
- OVEREXCAVATION AREA
- DEMOLISHED VALVE BOX
- EXISTING VALVE BOX
- FENCE
- MONITORING WELL
- DEMOLISHED MONITORING WELL
- SOIL SAMPLE LOCATION (PIPELINE REMOVAL)
- SOIL SAMPLE LOCATION WITH DETECTION EXCEEDING FUEL PRODUCT ACTION LEVELS
- SOIL BORING
- PROPOSED ADDITIONAL SOIL BORING SAMPLE LOCATION
- EXISTING MONITORING WELL (PROPOSED SAMPLE LOCATION)

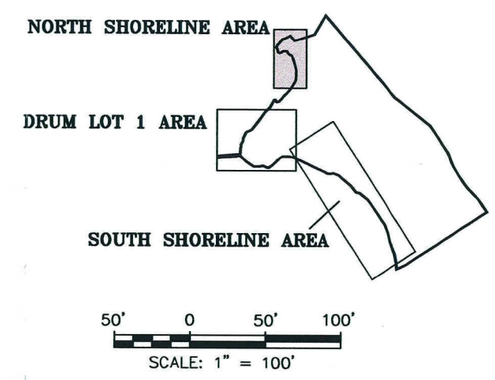


FIGURE 3
NFD POINT MOLATE
SITE 4 NORTH SHORELINE AREA

R:\069\384B\0101\ NORTHSHORE.dwg 03/19/2001 FORDD DN

FIGURE 4
Health and Safety
Emergency Hospital Route Map
Former Navy Fuel Depot
Pt. Molate, CA.

Doctor's Medical Center
2000 Vale Road
San Pablo, CA 94806
(510) 970-5140
CALL 911 IN EMERGENCY

TABLES

TABLE 1
GROUNDWATER DATA SUMMARY FOR NORTH SHORELINE AREA

POINT NAME	MW11-02										MW11-05									
SAMPLE DATE	23-Mar-94		21-Jun-94		20-Sep-94		8-Dec-94		28-Sep-00		22-Mar-94		21-Jun-94		20-Sep-94		8-Dec-94		9-Apr-98	
SAMPLE MEDIUM	Water		Water		Water		Water		Water		Water		Water		Water		Water		Water	
TPH Purgeable (µg/L)																				
Gasoline	50	U	50	U	50	UJc	50	Ujaj	50	U	50	U	50	U	50	UJc	50	UJj	NA	
Other Light TPH Components	50	U	50	U	50	U	50	UJa	NA		50	U	50	U	50	U	50	U	NA	
MTBE	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
Benzene	0.5	U	0.5	U	0.5	U	0.5	UJa	NA		0.5	U	0.5	U	0.5	U	0.5	U	NA	
Ethylbenzene	0.5	U	0.5	U	0.5	U	0.5	UJa	NA		0.5	U	0.5	U	0.5	U	0.5	U	NA	
Toluene	0.5	U	0.5	U	0.5	U	0.5	UJa	NA		0.5	U	0.5	U	0.5	U	0.5	U	NA	
Xylene (Total)	0.5	U	0.5	U	0.5	U	0.5	UJa	NA		0.5	U	0.5	U	0.5	U	0.5	U	NA	
TPH Extractable (µg/L)																				
JP-4 Range Organics	52	U	50	U	50	UJa	50	U	NA		56	U	50	U	50	UJ	50	U	NA	
JP-5 Range Organics	52	U	50	U	50	UJa	50	U	100	U	56	U	50	U	50	UJa,c	50	U	NA	
Diesel Range Organics	NA		NA		NA		NA		100	U	NA		NA		NA		NA		NA	
TPH - Weathered Diesel (C8-C26)	52	UJc	50	U	50	UJa	50	U	NA		56	UJc	50	U	50	UJa	50	U	NA	
TPH - Diesel F-76 (C8-C28)	52	U	50	UJc	50	UJa	50	U	100	U	56	U	50	UJc	50	UJa	50	U	NA	
Motor Oil Range Organics	NA		NA		NA		NA		500	U	NA		NA		NA		NA		NA	
Other Heavy TPH Components	52	U	180	Jj	50	UJa	50	U	NA		56	U	330	Jj	50	UJa	50	U	NA	
TPH - Bunker Fuel (C10-C28)	520	UJc	500	U	500	UJa	500	U	100	U	560	UJc	500	U	500	UJa,c	500	U	NA	
VOAs (µg/L)																				
1,1,1-Trichloroethane	2	U	2	U	2	U	2	U	NA		2	U	2	U	2	U	2	U	2	U
1,1,2,2-Tetrachloroethane	NA		2	U	2	U	2	U	NA		NA		2	U	2	U	2	U	2	U
1,1,2-Trichloroethane	2	U	2	U	2	U	2	U	NA		2	U	2	U	2	U	2	U	2	U
1,1-Dichloroethane	2	U	2	U	2	U	2	U	NA		2	U	2	U	2	U	2	U	2	U
1,1-Dichloroethene	2	U	2	U	2	U	2	U	NA		0.2	J	0.4	J	2	U	2	U	2	U
1,2-Dichlorobenzene	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
1,2-Dichloroethane	2	U	2	U	2	U	2	U	NA		2	U	2	U	2	U	2	U	0.5	U
1,2-Dichloroethene (total)	2	U	2	U	2	U	2	U	NA		4		5		5		3		3	
1,2-Dichloropropane	2	U	2	U	2	U	2	U	NA		2	U	2	U	2	U	2	U	2	U
1,3-Dichlorobenzene	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
1,4-Dichlorobenzene	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
2-Butanone	2	U	2	U	2	U	2	U	NA		2	U	2	U	2	U	2	U	2	U
2-Hexanone	2	U	2	U	2	U	2	U	NA		2	U	2	U	2	U	2	U	2	U
4-Methyl-2-Pentanone	2	U	2	U	2	U	2	U	NA		2	U	2	U	2	U	2	U	2	U
Acetone	2	U	5	UJb,c	2	U	2	UJb,c	NA		2	U	3	UJb,c	2	U	2	UJb,c	2	UJc
Benzene	2	U	2	U	2	U	2	U	NA		2	U	0.2	J	2	U	2	U	0.5	U
Bromodichloromethane	2	U	2	U	2	U	2	U	NA		2	U	2	U	2	U	2	U	2	U
Bromoform	NA		2	U	2	U	2	U	NA		NA		2	U	2	U	2	U	2	U
Bromomethane	2	U	2	U	2	U	2	U	NA		2	U	2	U	2	U	2	U	2	U
Carbon Disulfide	2	U	2	U	2	U	0.2	J	NA		2	U	0.2	J	0.1	J	0.2	J	2	U
Carbon Tetrachloride	2	U	2	U	2	U	2	U	NA		2	U	2	U	2	U	2	U	0.5	U
Chlorobenzene	2	U	2	U	2	U	2	U	NA		2	U	2	U	2	U	2	U	2	U
Chloroethane	2	U	2	U	2	U	2	U	NA		2	U	2	U	2	U	2	U	2	U
Chloroform	2	U	2	U	2	U	2	U	NA		2	U	2	U	2	U	2	U	2	U
Chloromethane	2	U	2	U	2	U	2	U	NA		2	U	2	U	2	U	2	U	2	U
Cis-1,2-Dichloroethene	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
Cis-1,3-Dichloropropene	2	U	2	U	2	U	2	U	NA		2	U	2	U	2	U	2	U	0.5	U
Dibromochloromethane	2	U	2	U	2	U	2	U	NA		2	U	2	U	2	U	2	U	2	U
Ethylbenzene	2	U	2	U	2	U	2	U	NA		2	U	2	U	2	U	2	U	2	U
Methyl-T-Butyl-Ether	NA		NA		NA		NA		NA		NA		NA		NA		NA			

Notes:

NA	Not analyzed
PAH	Polynuclear aromatic hydrocarbon
TPH	Total petroleum hydrocarbon
SVOA	Semivolatile Organic Analysis
VOAs	Volatile Organic Analysis
µg/L	Micrograms per liter

Data Validation Qualifiers

B	Analyte present in associated blank as well as in sample
D	Sample was diluted
J	Estimated detected result
U	Nondetected result
UJ	Estimated nondetected result

Data Validation Qualifier Codes

a	Surrogate recovery exceeded
b	Laboratory method blank and common blank contamination
c	Calibration exceeded
g	Results are above detection limit and below reporting limit
j	Other qualifications

TABLE 1
GROUNDWATER DATA SUMMARY FOR NORTH SHORELINE AREA

POINT NAME	MW11-02										MW11-05									
SAMPLE DATE	23-Mar-94		21-Jun-94		20-Sep-94		8-Dec-94		28-Sep-00		22-Mar-94		21-Jun-94		20-Sep-94		8-Dec-94		9-Apr-98	
SAMPLE MEDIUM	Water		Water		Water		Water		Water		Water		Water		Water		Water		Water	
Methylene Chloride	2	Ub	2	Ub	2	U	2	Ub	NA		2	U	2	Ub	2	U	2	Ub	0.5	UJb
O-Xylene	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
Styrene	2	U	2	U	2	U	2	U	NA		2	U	2	U	2	U	2	U	2	U
Tetrachloroethene	2	U	2	U	2	U	2	U	NA		2	U	2	U	2	U	2	U	2	U
Toluene	2	U	2	U	2	U	2	U	NA		2	U	2	U	2	U	2	U	2	U
Trans-1,2-Dichloroethene	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
Trans-1,3-Dichloropropene	2	U	2	U	2	U	2	U	NA		2	U	2	U	2	U	2	U	0.5	U
Trichloroethene	2	U	2	U	2	U	2	U	NA		2		2		3		2	UJb	2	Jg
Vinyl Chloride	2	U	2	U	2	U	2	U	NA		2	U	2	U	2	U	2	U	0.5	U
Xylene (total)	2	U	2	U	2	U	2	U	NA		2	U	0.3	J	2	U	2	U	2	U
SVOA (µg/L) (EPA 8270C)																				
1-Methylnapthalene	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
1,2,4-Trichlorobenzene	11	U	10	U	10	U	10	U	NA		10	U	NA		NA		NA		NA	
1,2-Dichlorobenzene	11	U	10	U	10	U	10	U	NA		10	U	NA		NA		NA		NA	
1,3-Dichlorobenzene	11	U	10	U	10	U	10	U	NA		10	U	NA		NA		NA		NA	
1,4-Dichlorobenzene	11	U	10	U	10	U	10	U	NA		10	U	NA		NA		NA		NA	
2,2'-Oxybis(1-Chloropropane)	11	U	10	U	10	U	10	U	NA		10	U	NA		NA		NA		NA	
2,4,5-Trichlorophenol	26	U	25	U	25	U	25	U	NA		25	U	NA		NA		NA		NA	
2,4,6-Trichlorophenol	11	U	10	U	10	U	10	U	NA		10	U	NA		NA		NA		NA	
2,4-Dichlorophenol	11	U	10	U	10	U	10	U	NA		10	U	NA		NA		NA		NA	
2,4-Dimethylphenol	11	U	10	U	10	U	10	U	NA		10	U	NA		NA		NA		NA	
2,4-Dinitrophenol	26	U	25	UJc	25	UJc	25	U	NA		25	U	NA		NA		NA		NA	
2,4-Dinitrotoluene	11	U	10	U	10	U	10	U	NA		10	U	NA		NA		NA		NA	
2,6-Dinitrotoluene	11	U	10	U	10	U	10	U	NA		10	U	NA		NA		NA		NA	
2-Chloronaphthalene	11	U	10	U	10	U	10	U	NA		10	U	NA		NA		NA		NA	
2-Chlorophenol	11	U	10	U	10	U	10	U	NA		10	U	NA		NA		NA		NA	
2-Methylnaphthalene	11	U	10	U	10	U	10	U	NA		10	U	NA		NA		NA		NA	
2-Methylphenol	11	U	10	U	10	U	10	U	NA		10	U	NA		NA		NA		NA	
2-Nitroanline	26	U	25	U	25	U	25	U	NA		25	U	NA		NA		NA		NA	
2-Nitrophenol	11	U	10	UJc	10	U	10	U	NA		10	U	NA		NA		NA		NA	
3,3'-Dichlorobenzidine	11	UJc	10	UJc	10	U	10	UJc	NA		10	UJc	NA		NA		NA		NA	
3-Nitroanline	26	U	25	UJc	25	UJc	25	UJc	NA		25	U	NA		NA		NA		NA	
4,6-Dinitro-2-Methylphenol	26	U	25	UJc	25	U	25	U	NA		25	U	NA		NA		NA		NA	
4-Bromophenyl-Phenylether	11	U	10	U	10	U	10	U	NA		10	U	NA		NA		NA		NA	
4-Chloro-3-Methylphenol	11	U	10	U	10	U	10	U	NA		10	U	NA		NA		NA		NA	
4-Chloroanline	11	UJc	10	UJc	10	U	10	U	NA		10	UJc	NA		NA		NA		NA	
4-Chlorophenyl-Phenylether	11	U	10	U	10	U	10	U	NA		10	U	NA		NA		NA		NA	
4-Methylphenol	11	U	10	U	10	U	10	U	NA		10	U	NA		NA		NA		NA	
4-Nitroanline	26	U	25	U	25	U	25	U	NA		25	U	NA		NA		NA		NA	
4-Nitrophenol	26	U	25	U	25	U	25	U	NA		25	U	NA		NA		NA		NA	
Acenaphthene	11	U	10	U	10	U	10	U	NA		10	U	NA		NA		NA		NA	
Acenaphthylene	11	U	10	U	10	U	10	U	NA		10	U	NA		NA		NA		NA	
Anthracene	11	U	10	U	10	U	10	U	NA		10	U	NA		NA		NA		NA	
Benzo(a)anthracene	11	U	10	U	10	U	10	U	NA		10	U	NA		NA		NA		NA	
Benzo(a)pyrene	11	U	10	U	10	U	10	U	NA		10	U	NA		NA		NA		NA	
Benzo(b)fluoranthene	11	U	10	U	10	U	10	U	NA		10	U	NA		NA		NA		NA	
Benzo(g,h,i)perylene	11	U	10	U	10	U	10	U	NA		10	U	NA		NA		NA		NA	
Benzo(k)fluoranthene	11	U	10	U	10	U	10	U	NA		10	U	NA		NA		NA		NA	

Notes:

NA	Not analyzed
PAH	Polynuclear aromatic hydrocarbon
TPH	Total petroleum hydrocarbon
SVOA	Semivolatile Organic Analysis
VOAs	Volatile Organic Analysis
µg/L	Micrograms per liter

Data Validation Qualifiers

B	Analyte present in associated blank as well as in sample
D	Sample was diluted
J	Estimated detected result
U	Nondetected result
UJ	Estimated nondetected result

Data Validation Qualifier Codes

a	Surrogate recovery exceeded
b	Laboratory method blank and common blank contamination
c	Calibration exceeded
g	Results are above detection limit and below reporting limit
j	Other qualifications

TABLE 1
GROUNDWATER DATA SUMMARY FOR NORTH SHORELINE AREA

POINT NAME	MW11-02										MW11-05									
SAMPLE DATE	23-Mar-94		21-Jun-94		20-Sep-94		8-Dec-94		28-Sep-00		22-Mar-94		21-Jun-94		20-Sep-94		8-Dec-94		9-Apr-98	
SAMPLE MEDIUM	Water		Water		Water		Water		Water		Water		Water		Water		Water		Water	
Bis(2-Chloroethoxy)Methane	11	U	10	U	10	U	10	U	NA		10	U	NA		NA		NA		NA	
Bis(2-Chloroethyl)Ether	11	U	10	U	10	U	10	U	NA		10	U	NA		NA		NA		NA	
Bis(2-Ethylhexyl)Phthalate	30	UJb	10	U	2	J	10	Ub	NA		10	U	NA		NA		NA		NA	
Butylbenaylphthalate	11	U	10	U	0.7	J	0.6	J	NA		10	U	NA		NA		NA		NA	
Carbazole	11	U	10	U	10	U	10	U	NA		10	U	NA		NA		NA		NA	
Chrysene	11	U	10	U	10	U	10	U	NA		10	U	NA		NA		NA		NA	
DI-N-Butylphthalate	11	Ub	10	U	10	U	0.8	J	NA		10	U	NA		NA		NA		NA	
Di-N-Octylphthalate	11	U	10	U	10	U	10	U	NA		10	U	NA		NA		NA		NA	
Dibenzo(a,h)anthracene	11	U	10	U	10	U	10	U	NA		10	U	NA		NA		NA		NA	
Dibenzofuran	11	U	10	U	10	U	10	U	NA		10	U	NA		NA		NA		NA	
Diethylphthalate	11	U	10	U	10	U	10	U	NA		10	U	NA		NA		NA		NA	
Dimethylphthalate	11	U	10	U	10	U	10	U	NA		10	U	NA		NA		NA		NA	
Fluoranthene	11	U	10	U	10	U	10	U	NA		10	U	NA		NA		NA		NA	
Fluorene	11	U	10	U	10	U	10	U	NA		10	U	NA		NA		NA		NA	
Hexachlorobenzene	11	U	10	U	10	U	10	U	NA		10	U	NA		NA		NA		NA	
Hexachlorobutadiene	11	U	10	U	10	U	10	U	NA		10	U	NA		NA		NA		NA	
Hexachlorocyclopentadiene	11	U	10	U	10	U	10	U	NA		10	U	NA		NA		NA		NA	
Hexachloroethane	11	U	10	U	10	U	10	U	NA		10	U	NA		NA		NA		NA	
Indeno(1,2,3-cd)pyrene	11	U	10	U	10	U	10	U	NA		10	U	NA		NA		NA		NA	
Isophorone	11	U	10	U	10	U	10	U	NA		10	U	NA		NA		NA		NA	
N-Nitroso-Di-N-Propylamne	11	U	10	U	10	U	10	U	NA		10	U	NA		NA		NA		NA	
N-Nitrosodiphenylamne (1)	11	U	10	UJc	10	U	10	U	NA		10	U	NA		NA		NA		NA	
Naphthalene	11	U	10	U	10	U	10	U	NA		10	U	NA		NA		NA		NA	
Nitrobenzene	11	U	10	U	10	U	10	U	NA		10	U	NA		NA		NA		NA	
Pentachlorophenol	26	U	25	U	25	U	25	U	NA		25	U	NA		NA		NA		NA	
Phenanthrene	11	U	10	U	10	U	10	U	NA		10	U	NA		NA		NA		NA	
Phenol	11	U	10	U	10	U	1	J	NA		10	U	NA		NA		NA		NA	
Pyrene	11	U	10	U	10	U	10	U	NA		10	U	NA		NA		NA		NA	
PAHs (µg/L) (EPA 8310)																				
1-Methylnaphthalene	NA		NA		NA		NA		5	U	NA		NA		NA		NA		NA	
2-Methylnaphthalene	NA		NA		NA		NA		5	U	NA		NA		NA		NA		NA	
Acenaphthene	NA		NA		NA		NA		5	U	NA		NA		NA		NA		NA	
Acenaphthylene	NA		NA		NA		NA		2	U	NA		NA		NA		NA		NA	
Anthracene	NA		NA		NA		NA		0.2	U	NA		NA		NA		NA		NA	
Benzo(A)Anthracene	NA		NA		NA		NA		0.2	U	NA		NA		NA		NA		NA	
Benzo(A)Pyrene	NA		NA		NA		NA		0.2	U	NA		NA		NA		NA		NA	
Benzo(B)Fluoranthene	NA		NA		NA		NA		0.2	U	NA		NA		NA		NA		NA	
Benzo(G,H,I)Perylene	NA		NA		NA		NA		0.2	U	NA		NA		NA		NA		NA	
Benzo(K)Fluoranthene	NA		NA		NA		NA		0.2	U	NA		NA		NA		NA		NA	
Chrysene	NA		NA		NA		NA		0.2	U	NA		NA		NA		NA		NA	
Dibenzo(A,H)Anthracene	NA		NA		NA		NA		0.5	U	NA		NA		NA		NA		NA	
Fluoranthene	NA		NA		NA		NA		0.2	U	NA		NA		NA		NA		NA	
Fluorene	NA		NA		NA		NA		1	U	NA		NA		NA		NA		NA	
Indeno(1,2,3-CD)Pyrene	NA		NA		NA		NA		0.2	U	NA		NA		NA		NA		NA	
Naphthalene	NA		NA		NA		NA		5	U	NA		NA		NA		NA		NA	
Phenanthrene	NA		NA		NA		NA		1	U	NA		NA		NA		NA		NA	
Pyrene	NA		NA		NA		NA		0.2	U	NA		NA		NA		NA		NA	

Notes:
Notes:

NA	Not analyzed
PAH	Polynuclear aromatic hydrocarbon
TPH	Total petroleum hydrocarbon
SVOA	Semivolatile Organic Analysis
VOAs	Volatile Organic Analysis
µg/L	Micrograms per liter

Data Validation Qualifiers

B	Analyte present in associated blank as well as in sample
D	Sample was diluted
J	Estimated detected result
U	Nondetected result
UJ	Estimated nondetected result

Data Validation Qualifier Codes

a	Surrogate recovery exceeded
b	Laboratory method blank and common blank contamination
c	Calibration exceeded
g	Results are above detection limit and below reporting limit
j	Other qualifications

TABLE 2

SOIL DATA SUMMARY FOR NORTH SHORELINE AREA

POINT NAME	EX11-39	EX11-40	EX11-41	EX11-42	EX11-44	EX11-45	EX11-46	EX11-47	EX11-48	EX11-62	EX11-90
SAMPLE DATE	30-Nov-99	30-Nov-99	30-Nov-99	2-Dec-99	7-Dec-99	7-Dec-99	7-Dec-99	7-Dec-99	7-Dec-99	20-Jan-00	5-Apr-00
SAMPLE DEPTH (ft.)	2.5	2.5	2.5	2.5	4	3	3	4.5	4	4.5	5
SAMPLE MEDIUM	soil	soil	soil	soil	soil	soil	soil	soil	soil	soil	soil
TPH Purgeable											
Gasoline (mg/kg for soil, µg/L for water)	0.31 Jg	0.15 Jg	0.023 U	0.022 U	0.1 U	0.099 U	0.11 U	0.11 U	0.099 U	0.022 U	0.55 Jg
Other Light TPH Components (mg/kg for soil, µg/L for water)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MTBE (µg/kg for soil, µg/L for water)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzene (µg/kg for soil, µg/L for water)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Ethylbenzene (µg/kg for soil, µg/L for water)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Toluene (µg/kg for soil, µg/L for water)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Xylene (Total) (µg/kg for soil, µg/L for water)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TPH Extractable (mg/kg for soil, µg/L for water)											
JP-4 Range Organics	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
JP-5 Range Organics	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Diesel Range Organics	130 Y	170 Z	13 Z	16 Y	4 U	3.8 U	1200 Y	110 Y	100 Y	3.8 U	1300 D
TPH - Weathered Diesel (C8-C26)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TPH - Diesel F-76 (C8-C28)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Motor Oil Range Organics	260 Y	160 Z	29 U	28 U	29 U	27 U	29 U	30 U	120 UJf	27 U	730 Z
Other Heavy TPH Components	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TPH - Bunker Fuel (C10-C28)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Notes:

NA Not analyzed
TPH Total petroleum hydrocarbon
VOAs Volatile Organic Analysis
µg/L Micrograms per liter
mg/kg Milligrams per kilogram
mg/L Milligrams per liter
MTBE Methyl Tertiary Butyl Ether

Data Validation Qualifiers

B Analyte present in associated blank as well as in sample
D Sample was diluted
J Estimated detected result
U Nondetected result
UJ Estimated nondetected result
Y Mixture in JP-5 and diesel ranges; Or mixture in JP-5 range. Chromatograph response did not resemble a typical fuel pattern or fuel pattern does not match standard
Z Not a typical gas pattern; most of the peaks in the chromatogram correspond to the heavier portion of the chain. Or no fuel pattern (individual peaks only)

Data Validation Qualifier Codes

a Surrogate recovery exceeded
b Laboratory method blank and common blank contamination
c Calibration exceeded
e Matrix spike/laboratory control sample (LCS) recovery exceeded
f Field blank contamination
g Results above the detection limit and below the reporting limit

TABLE 3
GROUNDWATER DATA SUMMARY FOR SOUTH SHORELINE AREA

POINT NAME	MW10-02		MW10-03						MW10-04										MW10-05									
SAMPLE DATE	29-Mar-94		27-Jun-94		28-Sep-94		21-Dec-94		24-Mar-94		24-Jun-94		28-Sep-94		9-Dec-94		26-Sep-00		24-Mar-94		27-Jun-94		30-Sep-94		10-Dec-94		3-Apr-98	
SAMPLE MEDIUM	Water		Water		Water		Water		Water		Water		Water		Water		Water		Water		Water		Water		Water		Water	
TPH Purgeable (µg/L)																												
Gasoline	50	U	5	U	50	UJc	50	UJcj	50	U	50	U	50	UJc	50	UJj	50	U	50	U	50	U	50	UJc	50	UJj	NA	
Other Light TPH Components	310	Y	5	U	1800	Y	460	Y	50	U	360	Jj	50	U	50	U	NA		370	Z	50	U	50	U	50	U	NA	
MTBE	NA		500	U	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
Benzene	0.5	U	7600	Y	4	Jc	0.7		0.5	U	0.5	U	0.5	UJc	0.5	U	NA		0.5	U	0.5	U	0.5	U	0.5	U	NA	
Ethylbenzene	0.5	U	5	U	9	Jc	1		0.5	U	0.5	U	0.5	UJc	0.5	U	NA		0.5	U	0.5	U	0.5	U	0.5	U	NA	
Toluene	0.5	U	23		0.7	Jc	0.5	U	0.5	U	0.5	U	0.5	UJc	0.5	U	NA		0.5	U	0.5	U	0.5	U	0.5	U	NA	
Xylene (Total)	0.5	U	NA		28	Jc	5		0.5	U	0.5	U	0.5	UJc	0.5	UJc	NA		0.5	U	0.5	U	0.5	U	0.5	UJc	NA	
TPH Extractable (µg/L)																												
JP-4 Range Organics	50	U	500	UJc	50	UJa	50	U	52	UJh	50	U	50	U	50	U	NA		50	UJh	50	U	50	U	50	U	NA	
JP-5 Range Organics	50	U	84000	Ja,c	50	UJa,c	50	U	52	UJh	50	U	50	UJc	50	U	100	U	50	UJh	50	U	50	U	50	U	100	U
Diesel Range Organics	NA		NA		NA		NA		NA		NA		NA		NA		100	U	NA		NA		NA		NA		100	U
TPH - Weathered Diesel (C8-C26)	50	U	500	UJc	50	UJa	50	U	52	UJh	50	U	50	U	50	U	NA		50	UJh	50	U	50	U	50	U	NA	
TPH - Diesel F-76 (C8-C28)	50	U	500	UJc	50	UJa	6000		52	UJh	50	U	50	U	50	U	50	U	50	UJh	50	U	50	U	50	U	100	U
Motor Oil Range Organics	NA		NA		NA		NA		NA		NA		NA		NA		500	U	NA		NA		NA		NA		100	U
Other Heavy TPH Components	50	U	9100	Jcj	4900	Ja	50	U	2800	Jh	1800	Jj	50	U	50	U	NA		50	UJh	500	Jj	50	U	50	U	NA	
TPH - Bunker Fuel (C10-C28)	500	U	5000	UJc	500	UJa,c	500	U	520	UJh	500	U	500	UJc	500	U	100	U	500	UJh	500	U	500	UJ	500	U	100	U
VOAs (µg/L)																												
1,1,1-Trichloroethane	NA		NA		NA		NA		2	U	NA		NA		2	U	NA		2	U	2	U	0.5	U	2	U	2	U
1,1,2,2-Tetrachloroethane	NA		NA		NA		NA		NA		NA		NA		2	U	NA		NA		2	U	0.5	U	2	U	2	U
1,1,2-Trichloroethane	NA		NA		NA		NA		2	U	NA		NA		2	U	NA		2	U	2	U	0.5	U	2	U	2	U
1,1-Dichloroethane	NA		NA		NA		NA		2	U	NA		NA		2	U	NA		2	U	2	U	0.5	U	2	U	2	U
1,1-Dichloroethene	NA		NA		NA		NA		2	U	NA		NA		2	U	NA		2	U	2	U	0.5	U	2	U	2	Ujc
1,2-Dichlorobenzene	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
1,2-Dichloroethane	NA		NA		NA		NA		2	U	NA		NA		2	U	NA		2	U	2	U	0.5	U	2	U	0.5	U
1,2-Dichloroethene (total)	NA		NA		NA		NA		2	U	NA		NA		2	U	NA		2	U	2	U	0.5	U	2	U	2	U
1,2-Dichloropropane	NA		NA		NA		NA		2	U	NA		NA		2	U	NA		2	U	2	U	0.5	U	2	U	2	U
1,3-Dichlorobenzene	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
1,4-Dichlorobenzene	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
2-Butanone	NA		NA		NA		NA		11	UJb	NA		NA		2	U	NA		2	U	2	UJc	4	UJc	2	U	2	U
2-Hexanone	NA		NA		NA		NA		2	U	NA		NA		2	U	NA		2	U	2	UJc	4	UJc	2	U	2	UJc
4-Methyl-2-Pentanone	NA		NA		NA		NA		2	U	NA		NA		2	U	NA		2	U	2	UJc	4	UJc	2	U	2	U
Acetone	NA		NA		NA		NA		4	UJb	NA		NA		3	UJb,c	NA		2	U	2	UJc	4	UJc	2	UJb,c	0.8	UJb,c
Benzene	NA		NA		NA		NA		2	U	NA		NA		2	U	NA		0.1	J	2	U	0.5	U	2	U	0.5	U
Bromodichloromethane	NA		NA		NA		NA		2	U	NA		NA		2	U	NA		2	U	2	U	0.5	U	0.9	J	0.6	Jg
Bromoform	NA		NA		NA		NA		NA		NA		NA		2	U	NA		NA		2	U	0.5	U	2	U	0.5	Jg
Bromomethane	NA		NA		NA		NA		2	U	NA		NA		2	U	NA		2	U	2	U	0.5	U	2	U	2	U
Carbon Disulfide	NA		NA		NA		NA		0.5	J	NA		NA		0.2	J	NA		2	U	2	U	0.5	U	2	U	2	U
Carbon Tetrachloride	NA		NA		NA		NA		2	U	NA		NA		2	U	NA		2	U	2	U	0.5	U	0.8	J	0.3	Jc,g
Chlorobenzene	NA		NA		NA		NA		2	U	NA		NA		2	U	NA		2	U	2	U	0.5	U	2	U	2	U
Chloroethane	NA		NA		NA		NA		2	U	NA		NA		2	U	NA		2	U	2	U	0.5	U	2	U	2	U
Chloroform	NA		NA		NA		NA		2	U	NA		NA		2	U	NA		2	U	2	U	0.5	U	3		7	
Chloromethane	NA		NA		NA		NA		2	UJc	NA		NA		2	U	NA		2	UJc	2	U	0.5	U	2	U	2	U
Cis-1,2-Dichloroethene	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
Cis-1,3-Dichloropropene	NA		NA		NA		NA		2	U	NA		NA		2	U	NA		2	U	2	U	0.5	U	2	U	0.5	U
Dibromochloromethane	NA		NA		NA		NA		2	U	NA		NA		2	U	NA		2	U	2	U	0.5	U	2	U	0.4	Jg
Ethylbenzene	NA		NA		NA		NA		2	U	NA		NA		2	U	NA		2	U	2	U	0.5	U	2	U	2	U
Methyl-T-Butyl-Ether	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	

TABLE 3
GROUNDWATER DATA SUMMARY FOR SOUTH SHORELINE AREA

POINT NAME	MW10-02		MW10-03						MW10-04								MW10-05									
SAMPLE DATE	29-Mar-94		27-Jun-94		28-Sep-94		21-Dec-94		24-Mar-94		24-Jun-94		28-Sep-94		9-Dec-94		26-Sep-00		24-Mar-94		27-Jun-94		30-Sep-94		10-Dec-94		3-Apr-98	
SAMPLE MEDIUM	Water		Water		Water		Water		Water		Water		Water		Water		Water		Water		Water		Water		Water		Water	
Methylene Chloride	NA		NA		NA		NA		2	U	NA		NA		2	Ub	NA		2	U	2	U	0.5	U	2	Uc	2	U
O-Xylene	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
Styrene	NA		NA		NA		NA		2	U	NA		NA		2	U	NA		2	U	2	U	0.5	U	2	U	2	U
Tetrachloroethene	NA		NA		NA		NA		2	U	NA		NA		2	U	NA		2	U	2	U	0.5	U	2	U	2	U
Toluene	NA		NA		NA		NA		2	U	NA		NA		2	U	NA		2	U	2	U	0.5	U	2	U	2	U
Trans-1,2-Dichloroethene	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
Trans-1,3-Dichloropropene	NA		NA		NA		NA		2	U	NA		NA		2	U	NA		2	U	2	U	0.5	U	2	U	0.5	U
Trichloroethene	NA		NA		NA		NA		2	U	NA		NA		2	U	NA		2	U	2	U	0.5	U	2	U	2	U
Vinyl Chloride	NA		NA		NA		NA		2	U	NA		NA		2	U	NA		2	U	2	U	0.5	U	2	U	0.5	U
Xylene (total)	NA		NA		NA		NA		2	U	NA		NA		2	U	NA		2	U	2	U	0.5	U	2	U	2	U
SVOA (µg/L) (EPA 8270C)																												
1-Methylnaphthalene	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
1,2,4-Trichlorobenzene	NA		NA		NA		NA		10	U	NA		10	U	10	U	NA		10	U	10	U	NA		10	U	NA	
1,2-Dichlorobenzene	NA		NA		NA		NA		10	U	NA		10	U	10	U	NA		10	U	10	U	NA		10	U	NA	
1,3-Dichlorobenzene	NA		NA		NA		NA		10	U	NA		10	U	10	U	NA		10	U	10	U	NA		10	U	NA	
1,4-Dichlorobenzene	NA		NA		NA		NA		10	U	NA		10	U	10	U	NA		10	U	10	U	NA		10	U	NA	
2,2'-Oxybis(1-Chloropropane)	NA		NA		NA		NA		10	U	NA		10	U	10	U	NA		10	U	10	U	NA		10	U	NA	
2,4,5-Trichlorophenol	NA		NA		NA		NA		26	U	NA		25	U	25	U	NA		25	U	25	U	NA		25	U	NA	
2,4,6-Trichlorophenol	NA		NA		NA		NA		10	U	NA		10	U	10	U	NA		10	U	10	U	NA		10	U	NA	
2,4-Dichlorophenol	NA		NA		NA		NA		10	U	NA		10	U	10	U	NA		10	U	10	U	NA		10	U	NA	
2,4-Dimethylphenol	NA		NA		NA		NA		10	U	NA		10	U	10	U	NA		10	U	10	U	NA		10	U	NA	
2,4-Dinitrophenol	NA		NA		NA		NA		26	U	NA		25	U	25	U	NA		25	U	25	UJc	NA		25	U	NA	
2,4-Dinitrotoluene	NA		NA		NA		NA		10	U	NA		10	U	10	U	NA		10	U	10	U	NA		10	U	NA	
2,6-Dinitrotoluene	NA		NA		NA		NA		10	U	NA		10	U	10	U	NA		10	U	10	U	NA		10	U	NA	
2-Chloronaphthalene	NA		NA		NA		NA		10	U	NA		10	U	10	U	NA		10	U	10	U	NA		10	U	NA	
2-Chlorophenol	NA		NA		NA		NA		10	U	NA		10	U	10	U	NA		10	U	10	U	NA		10	U	NA	
2-Methylnaphthalene	NA		NA		NA		NA		10	U	NA		10	U	10	U	NA		10	U	10	U	NA		10	U	NA	
2-Methylphenol	NA		NA		NA		NA		10	U	NA		10	U	10	U	NA		10	U	10	U	NA		10	U	NA	
2-Nitroaniline	NA		NA		NA		NA		26	U	NA		25	U	25	U	NA		25	U	25	U	NA		25	U	NA	
2-Nitrophenol	NA		NA		NA		NA		10	U	NA		10	U	10	U	NA		10	U	10	UJc	NA		10	U	NA	
3,3'-Dichlorobenzidine	NA		NA		NA		NA		10	U	NA		10	U	10	UJc	NA		10	U	10	UJc	NA		10	UJc	NA	
3-Nitroaniline	NA		NA		NA		NA		26	U	NA		25	UJc	25	UJc	NA		25	U	25	UJc	NA		25	UJc	NA	
4,6-Dinitro-2-Methylphenol	NA		NA		NA		NA		26	U	NA		25	U	25	U	NA		25	U	25	UJc	NA		25	U	NA	
4-Bromophenyl-Phenylether	NA		NA		NA		NA		10	U	NA		10	U	10	U	NA		10	U	10	U	NA		10	U	NA	
4-Chloro-3-Methylphenol	NA		NA		NA		NA		10	U	NA		10	U	10	U	NA		10	U	10	U	NA		10	U	NA	
4-Chloroaniline	NA		NA		NA		NA		10	UJc	NA		10	U	10	U	NA		10	UJc	10	UJc	NA		10	U	NA	
4-Chlorophenyl-Phenylether	NA		NA		NA		NA		10	U	NA		10	U	10	U	NA		10	U	10	U	NA		10	U	NA	
4-Methylphenol	NA		NA		NA		NA		4	J	NA		10	U	10	U	NA		10	U	10	U	NA		10	U	NA	
4-Nitroaniline	NA		NA		NA		NA		26	UJc	NA		25	U	25	U	NA		25	UJc	25	UJc	NA		25	U	NA	
4-Nitrophenol	NA		NA		NA		NA		26	U	NA		25	U	25	U	NA		25	U	25	U	NA		25	U	NA	
Acenaphthene	NA		NA		NA		NA		10	U	NA		10	U	10	U	NA		10	U	10	U	NA		10	U	NA	
Acenaphthylene	NA		NA		NA		NA		10	U	NA		10	U	10	U	NA		10	U	10	U	NA		10	U	NA	
Anthracene	NA		NA		NA		NA		10	U	NA		10	U	10	U	NA		10	U	10	U	NA		10	U	NA	
Benzo(a)anthracene	NA		NA		NA		NA		10	U	NA		10	U	10	U	NA		10	U	10	U	NA		10	U	NA	
Benzo(a)pyrene	NA		NA		NA		NA		10	U	NA		10	U	10	U	NA		10	U	10	U	NA		10	U	NA	
Benzo(b)fluoranthene	NA		NA		NA		NA		10	U	NA		10	U	10	U	NA		10	U	10	U	NA		10	U	NA	
Benzo(g,h,i)perylene	NA		NA		NA		NA		10	U	NA		10	U	10	U	NA		10	U	10	U	NA		10	U	NA	
Benzo(k)fluoranthene	NA		NA		NA		NA		10	U	NA		10	U	10	U	NA		10	U	10	U	NA		10	U	NA	

TABLE 3
GROUNDWATER DATA SUMMARY FOR SOUTH SHORELINE AREA

POINT NAME	MW10-02		MW10-03						MW10-04										MW10-05									
SAMPLE DATE	29-Mar-94		27-Jun-94		28-Sep-94		21-Dec-94		24-Mar-94		24-Jun-94		28-Sep-94		9-Dec-94		26-Sep-00		24-Mar-94		27-Jun-94		30-Sep-94		10-Dec-94		3-Apr-98	
SAMPLE MEDIUM	Water		Water		Water		Water		Water		Water		Water		Water		Water		Water		Water		Water		Water		Water	
Bis(2-Chloroethoxy)methane	NA		NA		NA		NA		10	U	NA		10	U	10	U	NA		10	U	10	U	NA		10	U	NA	
Bis(2-Chloroethyl)ether	NA		NA		NA		NA		10	U	NA		10	U	10	U	NA		10	U	10	U	NA		10	U	NA	
Bis(2-Ethylhexyl)phthalate	NA		NA		NA		NA		10	Ub	NA		10	Jjb	10	Ub	NA		10	Ub	10	UJc	NA		10	Ub	NA	
Butylbenylphthalate	NA		NA		NA		NA		10	U	NA		10	U	1	J	NA		10	UJb,c	10	UJc	NA		0.6	J	NA	
Carbazole	NA		NA		NA		NA		10	UJc	NA		10	U	10	U	NA		10	UJc	10	UJc	NA		10	U	NA	
Chrysene	NA		NA		NA		NA		10	U	NA		10	U	10	U	NA		10	U	10	U	NA		10	U	NA	
DI-N-Butylphthalate	NA		NA		NA		NA		10	Ub	NA		0.9	J	10	U	NA		10	U	10	U	NA		10	U	NA	
Di-N-Octylphthalate	NA		NA		NA		NA		10	U	NA		10	U	10	UJc	NA		10	U	10	U	NA		10	UJc	NA	
Dibenzo(a,h)anthracene	NA		NA		NA		NA		10	U	NA		10	U	10	U	NA		10	U	10	U	NA		10	U	NA	
Dibenzofuran	NA		NA		NA		NA		10	U	NA		10	U	10	U	NA		10	U	10	U	NA		10	U	NA	
Diethylphthalate	NA		NA		NA		NA		10	U	NA		10	U	10	U	NA		10	U	10	U	NA		10	U	NA	
Dimethylphthalate	NA		NA		NA		NA		10	U	NA		10	U	10	U	NA		10	U	10	U	NA		10	U	NA	
Fluoranthene	NA		NA		NA		NA		10	U	NA		10	U	10	U	NA		10	U	10	U	NA		10	U	NA	
Fluorene	NA		NA		NA		NA		10	U	NA		10	U	10	U	NA		10	U	10	U	NA		10	U	NA	
Hexachlorobenzene	NA		NA		NA		NA		10	U	NA		10	U	10	U	NA		10	U	10	U	NA		10	U	NA	
Hexachlorobutadiene	NA		NA		NA		NA		10	U	NA		10	U	10	U	NA		10	U	10	U	NA		10	U	NA	
Hexachlorocyclopentadiene	NA		NA		NA		NA		10	U	NA		10	U	10	U	NA		10	U	10	U	NA		10	U	NA	
Hexachloroethane	NA		NA		NA		NA		10	U	NA		10	U	10	U	NA		10	U	10	U	NA		10	U	NA	
Indeno(1,2,3-cd)pyrene	NA		NA		NA		NA		10	U	NA		10	U	10	U	NA		10	U	10	U	NA		10	U	NA	
Isophorone	NA		NA		NA		NA		10	U	NA		10	U	10	U	NA		10	U	10	U	NA		10	U	NA	
N-Nitroso-Di-N-Propylamine	NA		NA		NA		NA		10	U	NA		10	U	10	U	NA		10	U	10	U	NA		10	U	NA	
N-Nitrosodiphenylamine (1)	NA		NA		NA		NA		3	Jc	NA		10	U	10	U	NA		10	UJc	10	UJc	NA		10	U	NA	
Naphthalene	NA		NA		NA		NA		10	U	NA		10	U	10	U	NA		10	U	10	U	NA		10	U	NA	
Nitrobenzene	NA		NA		NA		NA		10	U	NA		10	U	10	U	NA		10	U	10	U	NA		10	U	NA	
Pentachlorophenol	NA		NA		NA		NA		26	U	NA		25	UJc	25	U	NA		25	U	25	U	NA		25	U	NA	
Phenanthrene	NA		NA		NA		NA		10	U	NA		10	U	10	U	NA		10	U	10	U	NA		10	U	NA	
Phenol	NA		NA		NA		NA		10	U	NA		10	U	10	U	NA		10	U	10	U	NA		10	U	NA	
Pyrene	NA		NA		NA		NA		10	U	NA		10	U	10	U	NA		10	U	10	UJc	NA		10	U	NA	
PAHs (µg/L) (EPA 8310)																												
1-Methylnaphthalene	NA		NA		NA		NA		NA		NA		NA		NA		5	U	NA		NA		NA		NA		NA	
2-Methylnaphthalene	NA		NA		NA		NA		NA		NA		NA		NA		5	U	NA		NA		NA		NA		NA	
Acenaphthene	NA		NA		NA		NA		NA		NA		NA		NA		5	U	NA		NA		NA		NA		NA	
Acenaphthylene	NA		NA		NA		NA		NA		NA		NA		NA		2	U	NA		NA		NA		NA		NA	
Anthracene	NA		NA		NA		NA		NA		NA		NA		NA		0.2	U	NA		NA		NA		NA		NA	
Benzo(a)anthracene	NA		NA		NA		NA		NA		NA		NA		NA		0.2	U	NA		NA		NA		NA		NA	
Benzo(a)pyrene	NA		NA		NA		NA		NA		NA		NA		NA		0.2	U	NA		NA		NA		NA		NA	
Benzo(b)fluoranthene	NA		NA		NA		NA		NA		NA		NA		NA		0.2	U	NA		NA		NA		NA		NA	
Benzo(g,h,i)perylene	NA		NA		NA		NA		NA		NA		NA		NA		0.2	U	NA		NA		NA		NA		NA	
Benzo(k)fluoranthene	NA		NA		NA		NA		NA		NA		NA		NA		0.2	U	NA		NA		NA		NA		NA	
Chrysene	NA		NA		NA		NA		NA		NA		NA		NA		0.2	U	NA		NA		NA		NA		NA	
Dibenzo(A,H)anthracene	NA		NA		NA		NA		NA		NA		NA		NA		0.5	U	NA		NA		NA		NA		NA	
Fluoranthene	NA		NA		NA		NA		NA		NA		NA		NA		0.2	U	NA		NA		NA		NA		NA	
Fluorene	NA		NA		NA		NA		NA		NA		NA		NA		1	U	NA		NA		NA		NA		NA	
Indeno(1,2,3-cd)pyrene	NA		NA		NA		NA		NA		NA		NA		NA		0.2	U	NA		NA		NA		NA		NA	
Naphthalene	NA		NA		NA		NA		NA		NA		NA		NA		5	U	NA		NA		NA		NA		NA	
Phenanthrene	NA		NA		NA		NA		NA		NA		NA		NA		1	U	NA		NA		NA		NA		NA	
Pyrene	NA		NA		NA		NA		NA		NA		NA		NA		0.2	U	NA		NA		NA		NA		NA	

TABLE 3
GROUNDWATER DATA SUMMARY FOR SOUTH SHORELINE AREA

POINT NAME	MW10-08												MW10-09															
SAMPLE DATE	25-Mar-94		26-Sep-94		6-Nov-97		6-Apr-98		21-Jan-99		27-Sep-00		25-Mar-94		29-Jun-94		22-Sep-94		14-Dec-94		5-Nov-97		6-Apr-98		19-Jan-99		27-Sep-00	
SAMPLE MEDIUM	Water		Water		Water		Water		Water		Water		Water		Water		Water		Water		Water		Water		Water		Water	
TPH Purgeable (µg/L)																												
Gasoline	0.5	U	50	UJc	50	U	50	U	50	U	200	Z	50	U	50	U	50	UJc	50	UJj	50	U	50	U	50	U	50	U
Other Light TPH Components	0.5	U	50	U	NA		NA		NA		NA		50	U	50	U	50	U	50	U	NA		NA		NA		NA	
MTBE	50	U	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
Benzene	81	Y	0.5	UJc	NA		NA		NA		NA		0.5	U	0.5	U	0.5	UJc	0.5	U	0.5	U	NA		NA		NA	
Ethylbenzene	0.5	U	0.5	UJc	NA		NA		NA		NA		0.5	U	0.5	U	0.5	UJc	0.5	U	0.5	U	NA		NA		NA	
Toluene	0.5	U	0.5	UJc	NA		NA		NA		NA		0.5	U	0.5	U	0.5	UJc	0.5	U	0.5	U	NA		NA		NA	
Xylene (Total)	NA		0.5	UJc	NA		NA		NA		NA		0.5	U	0.5	U	0.5	UJc	0.5	U	NA		NA		NA		NA	
TPH Extractable (µg/L)																												
JP-4 Range Organics	52	UJh	50	UJa	NA		NA		NA		NA		51	UJh	50	U	50	U	50	U	NA		NA		NA		NA	
JP-5 Range Organics	52	UJh	50	UJa,c	100	U	100	U	100	U	100	U	51	UJh	50	U	50	UJc	50	U	100	U	100	U	NA		100	U
Diesel Range Organics	NA		NA		100	U	90	Y	100	U	100	U	NA		NA		NA		NA		100	Y	200	Y	380	Ja	100	U
TPH - Weathered Diesel (C8-C26)	52	UJh	50	UJa	NA		NA		NA		NA		51	UJh	50	UJc	50	U	50	U	NA		NA		NA		NA	
TPH - Diesel F-76 (C8-C28)	52	UJh	50	UJa	100	U	100	U	NA		100	U	51	UJh	50	U	50	U	50	U	100	U	100	U	NA		100	U
Motor Oil Range Organics	NA		NA		100	U	100	U	100	U	500	U	NA		NA		NA		NA		200	Z	100	U	100	U	500	U
Other Heavy TPH Components	250	Jh	640	Ja	NA		NA		NA		NA		51	UJh	640	Z	50	U	54	Z	NA		NA		NA		NA	
TPH - Bunker Fuel (C10-C28)	520	UJh	500	UJa,c	300	Y	100	U	NA		100	U	510	UJh	500	UJc	500	UJc	500	U	100	U	100	U	NA		100	U
VOAs (µg/L)																												
1,1,1-Trichloroethane	2	U	2	U	2	U	2	U	10	U	NA		2	U	2	U	2	U	2	U	2	U	2	U	10	U	NA	
1,1,2,2-Tetrachloroethane	NA		2	U	2	U	2	U	10	U	NA		NA		2	U	2	U	2	U	2	U	2	U	10	U	NA	
1,1,2-Trichloroethane	2	U	2	U	2	U	2	U	10	U	NA		2	U	2	U	2	U	2	U	2	U	2	U	10	U	NA	
1,1-Dichloroethane	2	U	2	U	2	U	2	U	10	U	NA		2	U	2	U	2	U	2	U	2	U	2	U	10	U	NA	
1,1-Dichloroethene	2	U	2	U	2	U	2	U	10	U	NA		2	U	2	U	2	U	2	U	2	U	2	U	10	U	NA	
1,2-Dichlorobenzene	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
1,2-Dichloroethane	2	U	2	U	0.5	U	0.5	U	10	U	NA		2	U	2	U	2	U	2	U	0.5	U	0.5	U	10	U	NA	
1,2-Dichloroethene (total)	2	U	2	U	2	U	2	U	10	U	NA		2	U	2	U	2	U	2	U	2	U	2	U	10	U	NA	
1,2-Dichloropropane	2	U	2	U	2	U	2	U	10	U	NA		2	U	2	U	2	U	2	U	2	U	2	U	10	U	NA	
1,3-Dichlorobenzene	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
1,4-Dichlorobenzene	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
2-Butanone	2	U	2	U	2	U	2	U	10	UJc	NA		2	U	2	U	2	U	2	U	2	U	2	U	10	UJc	NA	
2-Hexanone	2	U	2	UJc	2	U	2	U	10	UJc	NA		2	U	2	U	2	UJc	2	U	2	U	2	U	10	UJc	NA	
4-Methyl-2-Pentanone	2	U	2	U	2	U	2	U	10	U	NA		2	U	2	U	2	U	2	U	2	U	2	U	10	U	NA	
Acetone	2	U	2	UJc	2	Jc	2	UJc	10	UJc	NA		2	U	2	U	2	UJc	2	UJb,c	2	Jc	2	UJc	10	UJc	NA	
Benzene	2	U	2	U	0.5	U	0.5	U	10	U	NA		2	U	2	U	2	U	2	U	0.5	U	0.5	U	10	U	NA	
Bromodichloromethane	2	U	2	U	2	U	2	U	10	U	NA		2	U	2	U	2	U	2	U	2	U	2	U	10	U	NA	
Bromoform	NA		2	U	2	U	2	U	10	U	NA		NA		2	U	2	U	2	U	2	U	2	U	10	U	NA	
Bromomethane	2	U	2	U	2	U	2	U	10	U	NA		2	U	2	U	2	U	2	U	2	U	2	U	10	U	NA	
Carbon Disulfide	2	U	2	U	2	U	2	U	10	U	NA		2	U	2	U	2	U	2	U	2	U	2	U	10	U	NA	
Carbon Tetrachloride	2	U	2	U	0.5	U	0.5	U	10	U	NA		2	U	2	U	2	U	2	U	0.5	U	0.5	U	10	U	NA	
Chlorobenzene	2	U	2	U	2	U	2	U	10	U	NA		2	U	2	U	2	U	2	U	2	U	2	U	10	U	NA	
Chloroethane	2	U	2	U	2	U	2	U	10	U	NA		2	U	2	U	2	U	2	U	2	U	2	U	10	U	NA	
Chloroform	2	U	2	U	2	U	2	U	10	U	NA		2	U	2	U	2	U	2	U	2	U	2	U	10	U	NA	
Chloromethane	2	UJc	2	U	2	U	2	U	10	U	NA		2	U	2	U	2	U	2	U	2	U	2	U	10	U	NA	
Cis-1,2-Dichloroethene	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
Cis-1,3-Dichloropropene	2	U	2	U	0.5	U	0.5	U	10	U	NA		2	U	2	U	2	U	2	U	0.5	U	0.5	U	10	U	NA	
Dibromochloromethane	2	U	2	U	2	U	2	U	10	U	NA		2	U	2	U	2	U	2	U	2	U	2	U	10	U	NA	
Ethylbenzene	2	U	2	U	2	U	2	U	10	U	NA		2	U	2	U	0.1	J	2	U	2	U	2	U	10	U	NA	
Methyl-T-Butyl-Ether	NA		NA		NA		NA		10	U	NA		NA		NA		NA		NA		NA		NA		NA		NA	

TABLE 3
GROUNDWATER DATA SUMMARY FOR SOUTH SHORELINE AREA

POINT NAME	MW10-08											
SAMPLE DATE	25-Mar-94		26-Sep-94		6-Nov-97		6-Apr-98		21-Jan-99		27-Sep-00	
SAMPLE MEDIUM	Water		Water		Water		Water		Water		Water	
Methylene Chloride	2	U	2	Ub	2	U	2	U	10	UJb	NA	
O-Xylene	NA		NA		NA		NA		NA		NA	
Styrene	2	U	2	U	2	U	2	U	10	U	NA	
Tetrachloroethene	2	U	2	U	2	U	2	U	10	U	NA	
Toluene	2	U	2	U	2	U	2	U	10	U	NA	
Trans-1,2-Dichloroethene	NA		NA		NA		NA		NA		NA	
Trans-1,3-Dichloropropene	2	U	2	U	0.5	U	0.5	U	10	U	NA	
Trichloroethene	2	U	2	U	2	U	2	U	10	U	NA	
Vinyl Chloride	2	U	2	U	0.5	U	0.5	U	10	U	NA	
Xylene (total)	2	U	2	U	2	U	2	U	10	U	NA	
SVOA (µg/L) (EPA 8270C)												
1-Methylnaphthalene	NA		NA		NA		NA		NA		NA	
1,2,4-Trichlorobenzene	10	U	NA		1	U	1	UJa	10	U	NA	
1,2-Dichlorobenzene	10	U	NA		1	U	1	UJa	5	U	NA	
1,3-Dichlorobenzene	10	U	NA		1	U	1	UJa	5	U	NA	
1,4-Dichlorobenzene	10	U	NA		1	U	1	UJa	5	U	NA	
2,2'-Oxybis(1-Chloropropane)	10	U	NA		1	U	1	UJa	10	U	NA	
2,4,5-Trichlorophenol	26	U	NA		3	U	3	UJa	25	U	NA	
2,4,6-Trichlorophenol	10	U	NA		1	U	1	UJa	10	U	NA	
2,4-Dichlorophenol	10	U	NA		1	U	1	UJa	10	U	NA	
2,4-Dimethylphenol	10	U	NA		1	U	1	UJa	10	U	NA	
2,4-Dinitrophenol	26	U	NA		NA		3	UJa,c	25	U	NA	
2,4-Dinitrotoluene	10	U	NA		1	U	1	UJa	10	U	NA	
2,6-Dinitrotoluene	10	U	NA		1	U	1	UJa	10	U	NA	
2-Chloronaphthalene	10	U	NA		1	U	1	UJa	10	U	NA	
2-Chlorophenol	10	U	NA		1	U	1	UJa	10	U	NA	
2-Methylnaphthalene	10	U	NA		1	U	1	UJa	10	U	NA	
2-Methylphenol	10	U	NA		1	U	1	UJa	10	U	NA	
2-Nitroaniline	26	U	NA		3	U	3	UJa	25	U	NA	
2-Nitrophenol	10	U	NA		1	U	1	UJa	10	U	NA	
3,3'-Dichlorobenzidine	10	UJc	NA		1	U	1	UJa,c	10	U	NA	
3-Nitroaniline	26	U	NA		3	U	3	UJa	25	U	NA	
4,6-Dinitro-2-Methylphenol	26	U	NA		3	Jc	3	UJa	25	U	NA	
4-Bromophenyl-Phenylether	10	U	NA		1	U	1	UJa	10	U	NA	
4-Chloro-3-Methylphenol	10	U	NA		1	U	1	UJa	10	U	NA	
4-Chloroaniline	10	UJc	NA		1	U	1	UJa	10	U	NA	
4-Chlorophenyl-Phenylether	10	U	NA		1	U	1	UJa	10	U	NA	
4-Methylphenol	10	U	NA		1	U	1	UJa	10	U	NA	
4-Nitroaniline	26	U	NA		3	U	3	UJa	25	U	NA	
4-Nitrophenol	26	U	NA		3	Jc	3	UJa	25	U	NA	
Acenaphthene	10	U	NA		1	U	1	UJa	10	U	NA	
Acenaphthylene	10	U	NA		1	U	1	UJa	10	U	NA	
Anthracene	10	U	NA		1	U	1	UJa	10	U	NA	
Benzo(a)anthracene	10	U	NA		1	U	1	UJa	10	U	NA	
Benzo(a)pyrene	10	U	NA		1	U	1	UJa	NA		NA	
Benzo(b)fluoranthene	10	U	NA		1	U	1	UJa	NA		NA	
Benzo(g,h,i)perylene	10	U	NA		1	U	1	UJa	NA		NA	
Benzo(k)fluoranthene	10	U	NA		1	U	1	UJa	NA		NA	

POINT NAME	MW10-09															
SAMPLE DATE	25-Mar-94		29-Jun-94		22-Sep-94		14-Dec-94		5-Nov-97		6-Apr-98		19-Jan-99		27-Sep-00	
SAMPLE MEDIUM	Water		Water		Water		Water		Water		Water		Water		Water	
Methylene Chloride	2	U	2	U	2	Ub	2	Ub	2	U	2	U	10	UJb	NA	
O-Xylene	NA		NA		NA		NA		NA		NA		NA		NA	
Styrene	2	U	2	U	2	U	2	U	2	U	2	U	10	U	NA	
Tetrachloroethene	2	U	2	U	2	U	2	U	2	U	2	U	10	U	NA	
Toluene	2	U	2	U	2	U	2	U	2	U	2	U	10	U	NA	
Trans-1,2-Dichloroethene	NA		NA		NA		NA		NA		NA		NA		NA	
Trans-1,3-Dichloropropene	2	U	2	U	2	U	2	U	0.5	U	0.5	U	10	U	NA	
Trichloroethene	2	U	2	U	2	U	2	U	2	U	2	U	10	U	NA	
Vinyl Chloride	2	U	2	U	2	U	2	U	0.5	U	0.5	U	10	UJc	NA	
Xylene (total)	2	U	2	U	0.3	J	2	U	2	U	2	U	10	U	NA	
SVOA (µg/L) (EPA 8270C)																
1-Methylnaphthalene	NA		NA		NA		NA		NA		NA		NA		NA	
1,2,4-Trichlorobenzene	10	U	10	U	10	U	10	U	1	J	1	U	10	U	NA	
1,2-Dichlorobenzene	10	U	NA		10	U	10	U	1	J	1	U	5	U	NA	
1,3-Dichlorobenzene	10	U	NA		10	U	10	U	1	J	1	U	5	U	NA	
1,4-Dichlorobenzene	10	U	NA		10	U	10	U	1	J	1	U	5	U	NA	
2,2'-Oxybis(1-Chloropropane)	10	U	10	U	10	U	10	U	1	Ja	1	U	10	U	NA	
2,4,5-Trichlorophenol	26	U	25	U	25	U	25	U	3	Ja	3	U	25	U	NA	
2,4,6-Trichlorophenol	10	U	10	U	10	U	10	U	1	Ja	1	U	10	U	NA	
2,4-Dichlorophenol	10	U	10	U	10	U	10	U	1	Ja	1	U	10	U	NA	
2,4-Dimethylphenol	10	U	10	U	10	U	10	U	1	Ja	1	U	10	U	NA	
2,4-Dinitrophenol	26	U	25	U	25	U	25	U	NA		3	UJc	25	U	NA	
2,4-Dinitrotoluene	10	U	10	U	10	U	10	U	1	Ja	1	U	10	U	NA	
2,6-Dinitrotoluene	10	U	10	U	10	U	10	U	1	Ja	1	U	10	U	NA	
2-Chloronaphthalene	10	U	10	U	10	U	10	U	1	Ja	1	U	10	U	NA	
2-Chlorophenol	10	U	10	U	10	U	10	U	1	U	1	U	10	U	NA	
2-Methylnaphthalene	10	U	10	U	10	U	10	U	1	Ja	1	U	10	U	NA	
2-Methylphenol	10	U	10	U	10	U	10	U	1	Ja	1	U	10	U	NA	
2-Nitroaniline	26	U	25	U	25	U	25	U	3	Ja	3	U	25	U	NA	
2-Nitrophenol	10	U	10	U	10	U	10	U	1	Ja	1	U	10	U	NA	
3,3'-Dichlorobenzidine	10	UJc	10	U	10	Uc	10	UJc	1	Ja	1	UJc	10	UJc	NA	
3-Nitroaniline	26	U	25	UJc	25	UJc	25	UJc	3	Ja	3	U	25	U	NA	
4,6-Dinitro-2-Methylphenol	26	U	25	U	25	U	25	U	3	Ja,c	3	U	25	U	NA	
4-Bromophenyl-Phenylether	10	U	10	U	10	U	10	U	1	Ja	1	U	10	U	NA	
4-Chloro-3-Methylphenol	10	U	10	U	10	U	10	U	1	Ja	1	U	10	U	NA	
4-Chloroaniline	10	UJc	10	U	10	U	10	U	1	Ja	1	U	10	U	NA	
4-Chlorophenyl-Phenylether	10	U	10	U	10	U	10	U	1	Ja	1	U	10	U	NA	
4-Methylphenol	10	U	5	J	10	U	10	U	1	Ja	1	U	10	U	NA	
4-Nitroaniline	26	U	25	U	25	U	25	U	3	Ja	3	U	25	U	NA	
4-Nitrophenol	26	U	25	UJc	25	U	25	U	3	Ja,c	3	U	25	U	NA	
Acenaphthene	10	U	10	U	10	U	10	U	1	Ja	1	U	10	U	NA	
Acenaphthylene	10	U	10	U	10	U	10	U	1	Ja	1	U	10	U	NA	
Anthracene	10	U	10	U	10	U	10	U	1	Ja	1	U	10	U	NA	
Benzo(a)anthracene	10	U	10	U	10	U	10	U	1	Ja	1	U	10	U	NA	
Benzo(a)pyrene	10	U	10	U	10	U	10	U	NA		1	U	10	U	NA	
Benzo(b)fluoranthene	10	U	10	U	10	U	10	U	NA		1	U	10	U	NA	
Benzo(g,h,i)perylene	10	U	10	U	10	U	10	U	NA		1	U	10	U	NA	
Benzo(k)fluoranthene	10	U	10	U	10	U	10	U	NA		1	U	10	U	NA	

TABLE 3
GROUNDWATER DATA SUMMARY FOR SOUTH SHORELINE AREA

POINT NAME	MW10-08											
SAMPLE DATE	25-Mar-94		26-Sep-94		6-Nov-97		6-Apr-98		21-Jan-99		27-Sep-00	
SAMPLE MEDIUM	Water		Water		Water		Water		Water		Water	
Bis(2-Chloroethoxy)methane	10	U	NA		1	U	1	UJa	10	U	NA	
Bis(2-Chloroethyl)ether	10	U	NA		1	U	1	UJa	10	U	NA	
Bis(2-Ethylhexyl)phthalate	10	U	NA		1	U	0.9	UJa,b	5	UJb	NA	
Butylbenylphthalate	10	U	NA		1	U	0.09	UJa,b	10	U	NA	
Carbazole	10	U	NA		1	U	1	UJa	10	U	NA	
Chrysene	10	U	NA		1	U	1	UJa	10	U	NA	
DI-N-Butylphthalate	10	U	NA		0.6	J	0.3	UJa,b	10	U	NA	
Di-N-Octylphthalate	10	U	NA		1	U	1	UJa	NA		NA	
Dibenzo(a,h)anthracene	10	U	NA		1	U	1	UJa	NA		NA	
Dibenzofuran	10	U	NA		1	U	1	UJa	10	U	NA	
Diethylphthalate	10	U	NA		1	U	0.07	UJa,b	10	UJb	NA	
Dimethylphthalate	10	U	NA		1	U	1	UJa	10	UJb	NA	
Fluoranthene	10	U	NA		1	U	1	UJa	10	U	NA	
Fluorene	10	U	NA		1	U	1	UJa	10	U	NA	
Hexachlorobenzene	10	U	NA		1	U	1	UJa	10	U	NA	
Hexachlorobutadiene	10	U	NA		1	U	1	UJa	10	U	NA	
Hexachlorocyclopentadiene	10	U	NA		1	Jc	1	UJa	10	U	NA	
Hexachloroethane	10	U	NA		1	U	1	UJa	10	U	NA	
Indeno(1,2,3-cd)pyrene	10	U	NA		1	U	1	UJa	NA		NA	
Isophorone	10	U	NA		1	U	1	UJa	10	U	NA	
N-Nitroso-Di-N-Propylamine	10	U	NA		1	U	1	UJa	10	U	NA	
N-Nitrosodiphenylamine (1)	10	UJc	NA		1	U	1	UJa	10	U	NA	
Naphthalene	10	U	NA		1	U	1	UJa	10	U	NA	
Nitrobenzene	10	U	NA		1	U	1	UJa	10	U	NA	
Pentachlorophenol	26	U	NA		3	Jc	3	UJa,c	25	U	NA	
Phenanthrene	10	U	NA		1	U	1	UJa	10	U	NA	
Phenol	10	U	NA		1	U	1	UJa	10	U	NA	
Pyrene	10	U	NA		1	U	1	UJa	10	U	NA	
PAHs (µg/L) (EPA 8310)												
1-Methylnaphthalene	NA		NA		NA		NA		NA		5	U
2-Methylnaphthalene	NA		NA		NA		NA		NA		5	U
Acenaphthene	NA		NA		NA		NA		NA		5	U
Acenaphthylene	NA		NA		NA		NA		NA		2	U
Anthracene	NA		NA		NA		NA		NA		0.2	U
Benzo(a)anthracene	NA		NA		NA		NA		NA		0.2	U
Benzo(a)pyrene	NA		NA		NA		NA		NA		0.2	U
Benzo(b)fluoranthene	NA		NA		NA		NA		NA		0.2	U
Benzo(g,h,i)perylene	NA		NA		NA		NA		NA		0.2	U
Benzo(k)fluoranthene	NA		NA		NA		NA		NA		0.2	U
Chrysene	NA		NA		NA		NA		NA		0.2	U
Dibenzo(A,H)anthracene	NA		NA		NA		NA		NA		0.5	U
Fluoranthene	NA		NA		NA		NA		NA		0.2	U
Fluorene	NA		NA		NA		NA		NA		1	U
Indeno(1,2,3-cd)pyrene	NA		NA		NA		NA		NA		0.2	U
Naphthalene	NA		NA		NA		NA		NA		5	U
Phenanthrene	NA		NA		NA		NA		NA		1	U
Pyrene	NA		NA		NA		NA		NA		0.2	U

POINT NAME	MW10-09															
SAMPLE DATE	25-Mar-94		29-Jun-94		22-Sep-94		14-Dec-94		5-Nov-97		6-Apr-98		19-Jan-99		27-Sep-00	
SAMPLE MEDIUM	Water		Water		Water		Water		Water		Water		Water		Water	
Bis(2-Chloroethoxy)methane	10	U	10	U	10	U	10	U	1	Ja	1	U	10	U	NA	
Bis(2-Chloroethyl)ether	10	U	10	U	10	U	10	U	1	Ja	1	U	10	U	NA	
Bis(2-Ethylhexyl)phthalate	10	U	10	U	10	Jb	10	UJb	1	Ja	0.2	UJb	28		NA	
Butylbenylphthalate	10	U	10	U	10	J	10	U	1	Ja	1	U	10	U	NA	
Carbazole	10	U	10	U	10	U	10	U	1	Ja	1	U	10	U	NA	
Chrysene	10	U	10	U	10	U	10	U	1	Ja	1	U	10	U	NA	
DI-N-Butylphthalate	10	U	10	U	10	U	10	U	0.7	Ja	0.3	UJb	10	UJb	NA	
Di-N-Octylphthalate	10	U	10	U	10	U	10	U	NA		1	U	10	U	NA	
Dibenzo(a,h)anthracene	10	U	10	U	10	U	10	U	NA		1	U	10	U	NA	
Dibenzofuran	10	U	10	U	10	U	10	U	1	Ja	1	U	10	U	NA	
Diethylphthalate	10	U	10	U	10	U	10	U	1	Ja	0.07	UJb	10	UJb	NA	
Dimethylphthalate	10	U	10	U	10	U	10	U	1	Ja	1	U	10	U	NA	
Fluoranthene	10	U	10	U	10	U	10	U	1	Ja	1	U	10	U	NA	
Fluorene	10	U	10	U	10	U	10	U	1	Ja	1	U	10	U	NA	
Hexachlorobenzene	10	U	10	U	10	U	10	U	1	Ja	1	U	10	U	NA	
Hexachlorobutadiene	10	U	10	U	10	U	10	U	1	Ja	1	U	10	U	NA	
Hexachlorocyclopentadiene	10	U	10	U	10	U	10	U	1	Ja,c	1	U	10	U	NA	
Hexachloroethane	10	U	10	U	10	U	10	U	1	Ja	1	U	10	U	NA	
Indeno(1,2,3-cd)pyrene	10	U	10	U	10	U	10	U	NA		1	U	10	U	NA	
Isophorone	10	U	10	U	10	U	10	U	1	Ja	1	U	10	U	NA	
N-Nitroso-Di-N-Propylamine	10	U	10	U	10	U	10	U	1	Ja	1	U	10	U	NA	
N-Nitrosodiphenylamine (1)	10	UJc	10	U	10	U	10	U	1	Ja	1	U	10	U	NA	
Naphthalene	10	U	10	U	0.8	U	0.8	J	1	Ja	0.05	Jg	10	U	NA	
Nitrobenzene	10	U	10	U	10	U	10	U	1	Ja	1	U	10	U	NA	
Pentachlorophenol	26	U	25	UJc	25	U	25	U	3	Ja	3	UJc	25	U	NA	
Phenanthrene	10	U	10	U	10	U	10	U	1	Ja	1	U	10	U	NA	
Phenol	10	U	10	U	10	U	10	U	1	Ja	1	U	10	U	NA	
Pyrene	10	U	10	U	10	U	10	U	1	Ja	1	U	10	U	NA	
PAHs (µg/L) (EPA 8310)																
1-Methylnaphthalene	NA		NA		NA		NA		NA		NA		NA		5	U
2-Methylnaphthalene	NA		NA		NA		NA		NA		NA		NA		5	U
Acenaphthene	NA		NA		NA		NA		NA		NA		NA		5	U
Acenaphthylene	NA		NA		NA		NA		NA		NA		NA		2	U
Anthracene	NA		NA		NA		NA		NA		NA		NA		0.2	U
Benzo(a)anthracene	NA		NA		NA		NA		NA		NA		NA		0.2	U
Benzo(a)pyrene	NA		NA		NA		NA		NA		NA		NA		0.2	U
Benzo(b)fluoranthene	NA		NA		NA		NA		NA		NA		NA		0.2	U
Benzo(g,h,i)perylene	NA		NA		NA		NA		NA		NA		NA		0.2	U
Benzo(k)fluoranthene	NA		NA		NA		NA		NA		NA		NA		0.2	U
Chrysene	NA		NA		NA		NA		NA		NA		NA		0.2	U
Dibenzo(A,H)anthracene	NA		NA		NA		NA		NA		NA		NA		0.5	U
Fluoranthene	NA		NA		NA		NA		NA		NA		NA		0.2	U
Fluorene	NA		NA		NA		NA		NA		NA		NA		1	U
Indeno(1,2,3-cd)pyrene	NA		NA		NA		NA		NA		NA		NA		0.2	U
Naphthalene	NA		NA		NA		NA		NA		NA		NA		5	U
Phenanthrene	NA		NA		NA		NA		NA		NA		NA		1	U
Pyrene	NA		NA		NA		NA		NA		NA		NA		0.2	U

TABLE 3
GROUNDWATER DATA SUMMARY FOR SOUTH SHORELINE AREA

POINT NAME	MW10-10													
SAMPLE DATE	24-Mar-94		30-Jun-94		27-Sep-94		13-Dec-94		5-Nov-97		3-Apr-98		21-Jan-99	
SAMPLE MEDIUM	Water		Water		Water		Water		Water		Water		Water	
TPH Purgeable (µg/L)														
Gasoline	50	U	50	U	50	UJc	50	UJj	50	U	NA		50	U
Other Light TPH Components	50	U	50	U	50	U	50	U	NA		NA		NA	
MTBE	NA		NA		NA		NA		NA		NA		NA	
Benzene	0.5	U	0.5	U	0.5	UJc	0.5	U	0.5	U	NA		NA	
Ethylbenzene	0.5	U	0.5	U	0.5	UJc	0.5	U	0.5	U	NA		NA	
Toluene	0.5	U	0.5	U	0.5	UJc	0.5	U	0.5	U	NA		NA	
Xylene (Total)	0.5	U	0.5	U	0.5	UJc	0.5	U	NA		NA		NA	
TPH Extractable (µg/L)														
JP-4 Range Organics	51	UJh	50	U	50	U	50	U	NA		NA		NA	
JP-5 Range Organics	51	UJh	50	U	50	UJc	50	U	100	U	0.1	U	100	U
Diesel Range Organics	NA		NA		NA		NA		100	U	100	U	100	U
TPH - Weathered Diesel (C8-C26)	51	UJh	50	U	50	U	50	U	NA		NA		NA	
TPH - Diesel F-76 (C8-C28)	51	UJh	50	U	50	U	50	U	100	U	0.1	U	NA	
Motor Oil Range Organics	NA		NA		NA		NA		100	U	550	Y	470	UJf
Other Heavy TPH Components	51	UJh	500	Y	50	U	840	Y	NA		NA		NA	
TPH - Bunker Fuel (C10-C28)	510	UJh	500	U	500	UJc	500	U	1500	Y	0.1	U	NA	
VOAs (µg/L)														
1,1,1-Trichloroethane	7		2	J	0.8	Jh	4		2	U	2	U	10	U
1,1,2,2-Tetrachloroethane	NA		2	U	2	UJh	2	U	2	U	2	U	10	U
1,1,2-Trichloroethane	2	U	2	U	2	UJh	2	U	2	U	2	U	10	U
1,1-Dichloroethane	38		39		28	Jh	12		8		0.4	Jg	2	Jg
1,1-Dichloroethene	3		3		2	UJh	2	Ub	0.5	J	2	UJc	10	U
1,2-Dichlorobenzene	NA		NA		NA		NA		NA		NA		NA	
1,2-Dichloroethane	2	U	2	U	2	UJh	2	U	0.5	U	0.5	U	10	U
1,2-Dichloroethene (total)	2	U	2	U	2	UJh	2	U	2	U	2	U	10	U
1,2-Dichloropropane	2	U	2	U	2	UJh	2	U	2	U	2	U	10	U
1,3-Dichlorobenzene	NA		NA		NA		NA		NA		NA		NA	
1,4-Dichlorobenzene	NA		NA		NA		NA		NA		NA		NA	
2-Butanone	2	U	2	U	2	UJh,c	2	U	2	U	2	U	10	UJc
2-Hexanone	2	U	2	U	2	UJh,c	2	U	2	U	2	U	10	UJc
4-Methyl-2-Pentanone	2	U	2	U	2	UJh	2	U	2	U	2	U	10	U
Acetone	2	U	2	UJ	2	UJh,c	3	UJb,c	2	Jc	2	UJc	10	UJc
Benzene	2	Ub	0.1	J	2	UJh	2	Ub	0.5	U	0.5	U	10	U
Bromodichloromethane	2	U	2	U	2	UJh	2	U	2	U	2	U	10	U
Bromoform	NA		2	U	2	UJh	2	U	2	U	2	U	10	U
Bromomethane	2	U	2	U	2	UJh	2	U	2	U	2	U	10	U
Carbon Disulfide	2	U	2	U	2	UJh	2	U	2	U	2	UJc	10	U
Carbon Tetrachloride	2	U	2	U	2	UJh	2	U	0.5	U	0.5	UJc	10	U
Chlorobenzene	2	U	2	U	2	UJh	2	U	2	U	2	U	10	U
Chloroethane	7		2	U	2	UJh	3		2	U	2	U	10	U
Chloroform	2	U	2	U	2	UJh	2	U	2	U	2	U	10	UJf
Chloromethane	2	U	2	U	2	UJh	2	U	2	U	2	U	10	U
Cis-1,2-Dichloroethene	NA		NA		NA		NA		NA		NA		NA	
Cis-1,3-Dichloropropene	2	U	2	U	2	UJh	2	U	0.5	U	0.5	U	10	U
Dibromochloromethane	2	U	2	U	2	UJh	2	U	2	U	2	U	10	U
Ethylbenzene	2	U	2	U	NA		2	U	2	U	2	U	10	U
Methyl-T-Butyl-Ether	NA		NA		2	UJh	NA		NA		NA		10	U

POINT NAME	MW10-11									
SAMPLE DATE	29-Mar-94		29-Jun-94		26-Sep-94		19-Dec-94		2-Jun-98	
SAMPLE MEDIUM	Water		Water		Water		Water		Water	
TPH Purgeable (µg/L)										
Gasoline	50	U	NA		NA		NA		50	U
Other Light TPH Components	50	U	NA		NA		NA		NA	
MTBE	NA		NA		NA		NA		NA	
Benzene	0.5	U	NA		NA		NA		NA	
Ethylbenzene	0.5	U	NA		NA		NA		NA	
Toluene	0.5	U	NA		NA		NA		NA	
Xylene (Total)	0.5	U	NA		NA		NA		NA	
TPH Extractable (µg/L)										
JP-4 Range Organics	50	U	NA		NA		NA		NA	
JP-5 Range Organics	50	U	NA		NA		NA		100	U
Diesel Range Organics	NA		NA		NA		NA		100	U
TPH - Weathered Diesel (C8-C26)	50	U	NA		NA		NA		NA	
TPH - Diesel F-76 (C8-C28)	50	U	NA		NA		NA		100	U
Motor Oil Range Organics	NA		NA		NA		NA		100	U
Other Heavy TPH Components	50	U	NA		NA		NA		NA	
TPH - Bunker Fuel (C10-C28)	500	U	NA		NA		NA		100	U
VOAs (µg/L)										
1,1,1-Trichloroethane	2	U	2	U	2	U	2	U	2	U
1,1,2,2-Tetrachloroethane	NA		2	U	2	U	2	U	2	U
1,1,2-Trichloroethane	2	U	2	U	2	U	2	U	2	U
1,1-Dichloroethane	2	U	2	U	2	U	2	U	2	U
1,1-Dichloroethene	2	U	2	U	2	U	2	U	2	U
1,2-Dichlorobenzene	NA		NA		NA		NA		NA	
1,2-Dichloroethane	2	U	2	U	2	U	2	U	0.5	U
1,2-Dichloroethene (total)	2	U	2	U	2	U	2	U	2	U
1,2-Dichloropropane	2	U	2	U	2	U	2	U	2	U
1,3-Dichlorobenzene	NA		NA		NA		NA		NA	
1,4-Dichlorobenzene	NA		NA		NA		NA		NA	
2-Butanone	2	U	2	U	2	U	2	U	2	UJc
2-Hexanone	2	U	2	U	2	UJc	2	U	2	UJc
4-Methyl-2-Pentanone	2	U	2	U	2	U	2	U	2	U
Acetone	2	U	2	UJc	2	UJc	3	UJb,c	2	UJc
Benzene	2	U	2	U	2	U	2	U	0.5	U
Bromodichloromethane	2	U	2	U	2	U	2	U	2	U
Bromoform	NA		2	U	2	U	2	U	2	U
Bromomethane	2	U	2	U	2	U	2	U	2	U
Carbon Disulfide	0.05	J	2	U	0.1	J	2	U	2	U
Carbon Tetrachloride	2	U	2	U	2	U	2	U	0.5	U
Chlorobenzene	2	U	2	U	2	U	2	U	2	U
Chloroethane	2	U	2	U	2	U	2	U	2	U
Chloroform	2	U	2	U	2	U	2	U	2	U
Chloromethane	2	U	2	U	2	U	2	U	2	U
Cis-1,2-Dichloroethene	NA		NA		NA		NA		NA	
Cis-1,3-Dichloropropene	2	U	2	U	2	U	2	U	0.5	U
Dibromochloromethane	2	U	2	U	2	U	2	U	2	U
Ethylbenzene	2	U	2	U	2	U	2	U	2	U
Methyl-T-Butyl-Ether	NA		NA		NA		NA		NA	

POINT NAME	MW10-12							
SAMPLE DATE	21-Mar-94		24-Sep-94		14-Dec-94		2-Jun-98	
SAMPLE MEDIUM	Water		Water		Water		Water	
TPH Purgeable (µg/L)								
Gasoline	50	U	NA		NA		50	U
Other Light TPH Components	50	U	NA		NA		NA	
MTBE	NA		NA		NA		NA	
Benzene	0.5	U	NA		NA		NA	
Ethylbenzene	0.5	U	NA		NA		NA	
Toluene	0.5	U	NA		NA		NA	
Xylene (Total)	0.5	U	NA		NA		NA	
TPH Extractable (µg/L)								
JP-4 Range Organics	50	U	NA		NA		NA	
JP-5 Range Organics	50	U	NA		NA		100	U
Diesel Range Organics	NA		NA		NA		80	Jg
TPH - Weathered Diesel (C8-C26)	50	UJc	NA		NA		NA	
TPH - Diesel F-76 (C8-C28)	50	U	NA		NA		100	U
Motor Oil Range Organics	NA		NA		NA		100	U
Other Heavy TPH Components	50	U	NA		NA		NA	
TPH - Bunker Fuel (C10-C28)	500	UJc	NA		NA		100	U
VOAs (µg/L)								
1,1,1-Trichloroethane	2	U	2	U	5	U	2	U
1,1,2,2-Tetrachloroethane	NA		2	U	5	U	2	U
1,1,2-Trichloroethane	2	U	2	U	5	U	2	U
1,1-Dichloroethane	2	U	2	U	5	U	2	U
1,1-Dichloroethene	2	U	2	U	0.5	J	2	U
1,2-Dichlorobenzene	NA		NA		NA		NA	
1,2-Dichloroethane	2	U	2	U	5	U	0.5	U
1,2-Dichloroethene (total)	2	U	2	U	5	U	2	U
1,2-Dichloropropane	2	U	2	U	5	U	2	U
1,3-Dichlorobenzene	NA		NA		NA		NA	
1,4-Dichlorobenzene	NA		NA		NA		NA	
2-Butanone	2	U	2	U	5	U	2	UJc
2-Hexanone	2	U	2	UJc	5	U	2	UJc
4-Methyl-2-Pentanone	2	U	2	U	5	U	2	U
Acetone	2	U	2	UJc	8	Jb,c	2	UJc
Benzene	2	U	2	U	0.5	J	0.5	U
Bromodichloromethane	2	U	2	U	5	U	2	U
Bromoform	NA		2	U	5	U	2	U
Bromomethane	2	U	2	U	5	U	2	U
Carbon Disulfide	2	U	2	U	5	U	2	U
Carbon Tetrachloride	2	U	2	U	5	U	0.5	U
Chlorobenzene	2	U	2	U	5	U	2	U
Chloroethane	2	U	2	U	5	U	2	U
Chloroform	2	U	2	U	5	U	2	U
Chloromethane	2	U	2	U	5	U	2	U
Cis-1,2-Dichloroethene	NA		NA		NA		NA	
Cis-1,3-Dichloropropene	2	U	2	U	5	U	0.5	U
Dibromochloromethane	2	U	2	U	5	U	2	U
Ethylbenzene	2	U	2	U	5	U	2	U
Methyl-T-Butyl-Ether	NA		NA		NA		NA	

TABLE 3
GROUNDWATER DATA SUMMARY FOR SOUTH SHORELINE AREA

POINT NAME	MW10-10													
SAMPLE DATE	24-Mar-94		30-Jun-94		27-Sep-94		13-Dec-94		5-Nov-97		3-Apr-98		21-Jan-99	
SAMPLE MEDIUM	Water		Water		Water		Water		Water		Water		Water	
Methylene Chloride	2	Ub	2	Ub	2	UJh	2	Ub	2	U	2	U	10	UJb
O-Xylene	NA		NA		NA		NA		NA		NA		NA	
Styrene	2	U	2	U	2	UJh	2	U	2	U	2	U	10	U
Tetrachloroethene	2	U	2	U	2	UJh	2	U	2	U	2	U	10	U
Toluene	2	U	2	U	2	UJh	2	U	2	U	2	U	10	U
Trans-1,2-Dichloroethene	NA		NA		NA		NA		NA		NA		NA	
Trans-1,3-Dichloropropene	2	U	2	U	2	UJh	2	U	0.5	U	0.5	U	10	U
Trichloroethene	2	U	2	U	2	UJh	2	U	2	U	2	U	10	U
Vinyl Chloride	2		2	U	2	UJh	1	J	0.5	U	0.5	U	10	U
Xylene (total)	2	U	2	U	2	UJh	2	U	2	U	2	U	10	U
SVOA (µg/L) (EPA 8270C)														
1-Methylnaphthalene	NA		NA		NA		NA		NA		NA		NA	
1,2,4-Trichlorobenzene	10	U	10	U	10	U	10	U	1	U	1	U	10	U
1,2-Dichlorobenzene	10	U	10	U	10	U	10	U	1	U	1	U	5	U
1,3-Dichlorobenzene	10	U	10	U	10	U	10	U	1	U	1	U	5	U
1,4-Dichlorobenzene	10	U	10	U	10	U	10	U	1	U	1	U	5	U
2,2'-Oxybis(1-Chloropropane)	10	U	10	U	10	U	10	U	1	U	1	U	10	U
2,4,5-Trichlorophenol	26	U	25	U	25	U	25	U	3	U	3	U	25	U
2,4,6-Trichlorophenol	10	U	10	U	10	U	10	U	1	U	1	U	10	U
2,4-Dichlorophenol	10	U	10	U	10	U	10	U	1	U	1	U	10	U
2,4-Dimethylphenol	10	U	10	U	10	U	10	U	1	U	1	U	10	U
2,4-Dinitrophenol	26	U	25	U	25	U	25	U	1	U	3	UJc	25	U
2,4-Dinitrotoluene	10	U	10	U	10	U	10	U	1	U	1	U	10	U
2,6-Dinitrotoluene	10	U	10	U	10	U	10	U	NA		1	U	10	U
2-Chloronaphthalene	10	U	10	U	10	U	10	U	1	U	1	U	10	U
2-Chlorophenol	10	U	10	U	10	U	10	U	1	U	1	U	10	U
2-Methylnaphthalene	10	U	10	U	10	U	10	U	1	U	0.06	Jg	10	U
2-Methylphenol	10	U	10	U	10	U	10	U	1	U	1	U	10	UJc
2-Nitroaniline	26	U	25	U	25	U	25	U	3	U	3	U	25	U
2-Nitrophenol	10	U	10	U	10	U	10	U	1	U	1	U	10	U
3,3'-Dichlorobenzidine	10	UJc	10	U	10	U	10	UJc	1	U	1	UJc	10	UJc
3-Nitroaniline	26	U	25	UJc	25	UJc	25	UJc	3	U	3	U	25	U
4,6-Dinitro-2-Methylphenol	26	U	25	U	25	U	25	U	3	Jc	3	U	25	U
4-Bromophenyl-Phenylether	10	U	10	U	10	U	10	U	1	U	1	U	10	U
4-Chloro-3-Methylphenol	10	U	10	U	10	U	10	U	1	U	1	U	10	U
4-Chloroaniline	10	UJc	10	U	10	U	10	U	1	U	1	U	10	UJc
4-Chlorophenyl-Phenylether	10	U	10	U	10	U	10	U	1	U	1	U	10	U
4-Methylphenol	10	U	10	U	10	U	10	U	1	U	1	U	10	U
4-Nitroaniline	26	U	25	U	25	U	25	U	3	U	3	U	25	U
4-Nitrophenol	26	U	25	U	25	U	25	U	3	Jc	3	U	25	U
Acenaphthene	10	U	10	U	10	U	10	U	1	U	1	U	10	U
Acenaphthylene	10	U	10	U	10	U	10	U	1	U	1	U	10	U
Anthracene	10	U	10	U	10	U	10	U	1	U	1	U	10	U
Benzo(a)anthracene	10	U	10	U	10	U	10	U	1	U	1	U	10	U
Benzo(a)pyrene	10	U	10	U	10	U	10	U	1	U	1	U	10	U
Benzo(b)fluoranthene	10	U	10	U	10	U	10	U	1	U	1	U	10	U
Benzo(g,h,i)perylene	10	U	10	U	10	U	10	U	1	U	1	U	10	U
Benzo(k)fluoranthene	10	U	10	U	10	U	10	U	1	U	1	U	10	U

POINT NAME	MW10-11													
SAMPLE DATE	29-Mar-94		29-Jun-94		26-Sep-94		19-Dec-94		2-Jun-98					
SAMPLE MEDIUM	Water		Water		Water		Water		Water					
Methylene Chloride	2	U	2	U	2	U	2	U	4	UJc,b				
O-Xylene	NA		NA		NA		NA		NA					
Styrene	2	U	2	U	2	U	2	U	2	U				
Tetrachloroethene	2	U	2	U	2	U	2	U	2	U				
Toluene	2	U	2	U	2	U	2	U	2	U				
Trans-1,2-Dichloroethene	NA		NA		NA		NA		NA					
Trans-1,3-Dichloropropene	2	U	2	U	2	U	2	U	0.5	U				
Trichloroethene	2	U	0.4	J	2	U	0.3	J	2	U				
Vinyl Chloride	2	U	2	U	2	U	2	U	0.5	U				
Xylene (total)	2	Ub	2	U	2	U	2	Ub	2	U				
SVOA (µg/L) (EPA 8270C)														
1-Methylnaphthalene	NA		NA		NA		NA		NA					
1,2,4-Trichlorobenzene	10	U	NA		NA		NA		10	U				
1,2-Dichlorobenzene	10	U	NA		NA		NA		5	U				
1,3-Dichlorobenzene	10	U	NA		NA		NA		5	U				
1,4-Dichlorobenzene	10	U	NA		NA		NA		5	U				
2,2'-Oxybis(1-Chloropropane)	10	U	NA		NA		NA		10	U				
2,4,5-Trichlorophenol	25	U	NA		NA		NA		25	U				
2,4,6-Trichlorophenol	10	U	NA		NA		NA		10	U				
2,4-Dichlorophenol	10	U	NA		NA		NA		10	U				
2,4-Dimethylphenol	10	U	NA		NA		NA		10	U				
2,4-Dinitrophenol	25	U	NA		NA		NA		25	UJc				
2,4-Dinitrotoluene	10	U	NA		NA		NA		10	U				
2,6-Dinitrotoluene	10	U	NA		NA		NA		10	U				
2-Chloronaphthalene	10	U	NA		NA		NA		10	U				
2-Chlorophenol	10	U	NA		NA		NA		10	U				
2-Methylnaphthalene	10	U	NA		NA		NA		10	U				
2-Methylphenol	10	U	NA		NA		NA		10	U				
2-Nitroaniline	25	U	NA		NA		NA		25	U				
2-Nitrophenol	10	U	NA		NA		NA		10	U				
3,3'-Dichlorobenzidine	10	U	NA		NA		NA		10	UJc				
3-Nitroaniline	25	U	NA		NA		NA		25	U				
4,6-Dinitro-2-Methylphenol	25	U	NA		NA		NA		25	U				
4-Bromophenyl-Phenylether	10	U	NA		NA		NA		10	U				
4-Chloro-3-Methylphenol	10	U	NA		NA		NA		10	U				
4-Chloroaniline	10	UJc	NA		NA		NA		10	U				
4-Chlorophenyl-Phenylether	10	U	NA		NA		NA		10	U				
4-Methylphenol	10	U	NA		NA		NA		10	U				
4-Nitroaniline	25	U	NA		NA		NA		25	U				
4-Nitrophenol	25	U	NA		NA		NA		25	U				
Acenaphthene	10	U	NA		NA		NA		10	U				
Acenaphthylene	10	U	NA		NA		NA		10	U				
Anthracene	10	U	NA		NA		NA		10	U				
Benzo(a)anthracene	10	U	NA		NA		NA		10	U				
Benzo(a)pyrene	10	U	NA		NA		NA		10	U				
Benzo(b)fluoranthene	10	U	NA		NA		NA		10	U				
Benzo(g,h,i)perylene	10	U	NA		NA		NA		10	U				
Benzo(k)fluoranthene	10	U	NA		NA		NA		10	U				

POINT NAME	MW10-12							
SAMPLE DATE	21-Mar-94		24-Sep-94		14-Dec-94		2-Jun-98	
SAMPLE MEDIUM	Water		Water		Water		Water	
Methylene Chloride	2	Ub	2	U	5	U	2	UJb
O-Xylene	2	U	NA		NA		NA	
Styrene	2	U	2	U	5	U	2	U
Tetrachloroethene	2	U	2	U	5	U	2	U
Toluene	2	U	2	U	5	Ub	2	U
Trans-1,2-Dichloroethene	NA		NA		NA		NA	
Trans-1,3-Dichloropropene	NA		2	U	5	U	0.5	U
Trichloroethene	2	U	2	U	4	J	2	U
Vinyl Chloride	2	U	2	U	5	U	0.5	U
Xylene (total)	2	U	2	U	5	Ub	2	U
SVOA (µg/L) (EPA 8270C)								
1-Methylnaphthalene	NA		NA		NA		NA	
1,2,4-Trichlorobenzene	10	U	NA		NA		1	U
1,2-Dichlorobenzene	10	U	NA		NA		1	U
1,3-Dichlorobenzene	10	U	NA		NA		1	U
1,4-Dichlorobenzene	10	U	NA		NA		1	U
2,2'-Oxybis(1-Chloropropane)	10	U	NA		NA		1	U
2,4,5-Trichlorophenol	26	U	NA		NA		3	U
2,4,6-Trichlorophenol	10	U	NA		NA		1	U
2,4-Dichlorophenol	10	U	NA		NA		1	U
2,4-Dimethylphenol	10	U	NA		NA		1	U
2,4-Dinitrophenol	26	U	NA		NA		3	UJc
2,4-Dinitrotoluene	10	U	NA		NA		1	U
2,6-Dinitrotoluene	10	U	NA		NA		1	U
2-Chloronaphthalene	10	U	NA		NA		1	U
2-Chlorophenol	10	U	NA		NA		1	U
2-Methylnaphthalene	10	U	NA		NA		1	U
2-Methylphenol	10	U	NA		NA		1	U
2-Nitroaniline	26	U	NA		NA		3	U
2-Nitrophenol	10	U	NA		NA		1	U
3,3'-Dichlorobenzidine	10	UJc	NA		NA		1	U
3-Nitroaniline	26	U	NA		NA		3	U
4,6-Dinitro-2-Methylphenol	26	U	NA		NA		3	U
4-Bromophenyl-Phenylether	10	U	NA		NA		1	U
4-Chloro-3-Methylphenol	10	U	NA		NA		1	U
4-Chloroaniline	10	UJc	NA		NA		1	U
4-Chlorophenyl-Phenylether	10	U	NA		NA		1	U
4-Methylphenol	10	U	NA		NA		1	U
4-Nitroaniline	26	U	NA		NA		3	UJc
4-Nitrophenol	26	U	NA		NA		3	U
Acenaphthene	10	U	NA		NA		1	U
Acenaphthylene	10	U	NA		NA		1	U
Anthracene	10	U	NA		NA		1	U
Benzo(a)anthracene	10	U	NA		NA		1	U
Benzo(a)pyrene	10	U	NA		NA		1	U
Benzo(b)fluoranthene	10	U	NA		NA		1	U
Benzo(g,h,i)perylene	10	U	NA		NA		1	U
Benzo(k)fluoranthene	10	U	NA		NA		1	U

TABLE 3
GROUNDWATER DATA SUMMARY FOR SOUTH SHORELINE AREA

POINT NAME	MW10-10													
SAMPLE DATE	24-Mar-94		30-Jun-94		27-Sep-94		13-Dec-94		5-Nov-97		3-Apr-98		21-Jan-99	
SAMPLE MEDIUM	Water		Water		Water		Water		Water		Water		Water	
Bis(2-Chloroethoxy)methane	10	U	10	U	10	U	10	U	1	U	1	U	10	U
Bis(2-Chloroethyl)ether	10	U	10	U	10	U	10	U	1	U	1	U	10	U
Bis(2-Ethylhexyl)phthalate	10	U	10	U	10	U	63		1	U	1	UJb	4	UJb
Butylbenylphthalate	10	U	10	Ub	10	U	10	U	1	U	0.08	UJb	10	U
Carbazole	10	U	10	U	10	U	10	U	1	U	1	U	10	UJc
Chrysene	10	U	10	U	10	U	10	U	1	U	1	U	10	U
DI-N-Butylphthalate	10	U	10	U	0.3	J	10	U	0.3	J	0.3	UJb	10	U
Di-N-Octylphthalate	10	U	10	U	10	U	10	U	1	U	1	U	10	U
Dibenzo(a,h)anthracene	10	U	10	U	10	U	10	U	1	U	1	U	10	U
Dibenzofuran	10	U	10	U	10	U	10	U	1	U	1	U	10	U
Diethylphthalate	10	U	10	U	10	U	10	U	0.5	J	0.1	UJb	10	U
Dimethylphthalate	10	U	10	U	10	U	10	U	1	U	1	U	10	U
Fluoranthene	10	U	10	U	10	U	10	U	1	U	1	U	10	U
Fluorene	10	U	10	U	10	U	10	U	1	U	1	U	10	U
Hexachlorobenzene	10	U	10	U	10	U	10	U	1	U	1	U	10	U
Hexachlorobutadiene	10	U	10	U	10	U	10	U	1	U	1	U	10	U
Hexachlorocyclopentadiene	10	U	10	U	10	U	10	U	1	Jc	1	UJc	10	U
Hexachloroethane	10	U	10	U	10	U	10	U	1	U	1	U	10	U
Indeno(1,2,3-cd)pyrene	10	U	10	U	10	U	10	U	1	U	1	U	10	U
Isophorone	10	U	10	U	10	U	10	U	1	U	1	U	10	U
N-Nitroso-Di-N-Propylamine	10	U	10	U	10	U	10	U	1	U	1	U	10	U
N-Nitrosodiphenylamine (1)	10	UJc	10	U	10	U	10	U	1	U	1	U	10	U
Naphthalene	10	U	10	U	10	U	10	U	1	U	0.3	Jg	10	U
Nitrobenzene	10	U	10	U	10	U	10	U	1	U	1	U	10	U
Pentachlorophenol	26	U	25	U	25	UJc	25	U	3	Jc	3	U	25	U
Phenanthrene	10	U	10	U	10	U	10	U	1	U	1	U	10	U
Phenol	10	U	10	U	10	U	2	J	1	U	1	U	10	U
Pyrene	10	U	10	U	10	U	10	U	1	U	1	U	10	U
PAHs (µg/L) (EPA 8310)														
1-Methylnaphthalene	NA		NA		NA		NA		NA		NA		NA	
2-Methylnaphthalene	NA		NA		NA		NA		NA		NA		NA	
Acenaphthene	NA		NA		NA		NA		NA		NA		NA	
Acenaphthylene	NA		NA		NA		NA		NA		NA		NA	
Anthracene	NA		NA		NA		NA		NA		NA		NA	
Benzo(a)anthracene	NA		NA		NA		NA		NA		NA		NA	
Benzo(a)pyrene	NA		NA		NA		NA		NA		NA		NA	
Benzo(b)fluoranthene	NA		NA		NA		NA		NA		NA		NA	
Benzo(g,h,i)perylene	NA		NA		NA		NA		NA		NA		NA	
Benzo(k)fluoranthene	NA		NA		NA		NA		NA		NA		NA	
Chrysene	NA		NA		NA		NA		NA		NA		NA	
Dibenzo(A,H)anthracene	NA		NA		NA		NA		NA		NA		NA	
Fluoranthene	NA		NA		NA		NA		NA		NA		NA	
Fluorene	NA		NA		NA		NA		NA		NA		NA	
Indeno(1,2,3-cd)pyrene	NA		NA		NA		NA		NA		NA		NA	
Naphthalene	NA		NA		NA		NA		NA		NA		NA	
Phenanthrene	NA		NA		NA		NA		NA		NA		NA	
Pyrene	NA		NA		NA		NA		NA		NA		NA	

POINT NAME	MW10-11									
SAMPLE DATE	29-Mar-94		29-Jun-94		26-Sep-94		19-Dec-94		2-Jun-98	
SAMPLE MEDIUM	Water		Water		Water		Water		Water	
Bis(2-Chloroethoxy)methane	10	U	NA		NA		NA		10	U
Bis(2-Chloroethyl)ether	10	U	NA		NA		NA		10	U
Bis(2-Ethylhexyl)phthalate	10	UJc	NA		NA		NA		4	U
Butylbenylphthalate	10	UJc	NA		NA		NA		10	U
Carbazole	10	UJc	NA		NA		NA		10	UJc
Chrysene	10	U	NA		NA		NA		10	U
DI-N-Butylphthalate	10	UJc	NA		NA		NA		10	U
Di-N-Octylphthalate	10	U	NA		NA		NA		10	U
Dibenzo(a,h)anthracene	10	U	NA		NA		NA		10	U
Dibenzofuran	10	U	NA		NA		NA		10	U
Diethylphthalate	10	U	NA		NA		NA		10	U
Dimethylphthalate	10	U	NA		NA		NA		10	U
Fluoranthene	10	U	NA		NA		NA		10	U
Fluorene	10	U	NA		NA		NA		10	U
Hexachlorobenzene	10	U	NA		NA		NA		10	U
Hexachlorobutadiene	10	U	NA		NA		NA		10	U
Hexachlorocyclopentadiene	10	U	NA		NA		NA		10	U
Hexachloroethane	10	U	NA		NA		NA		10	U
Indeno(1,2,3-cd)pyrene	10	U	NA		NA		NA		10	U
Isophorone	10	U	NA		NA		NA		10	U
N-Nitroso-Di-N-Propylamine	10	U	NA		NA		NA		10	U
N-Nitrosodiphenylamine (1)	10	UJc	NA		NA		NA		10	U
Naphthalene	10	U	NA		NA		NA		10	U
Nitrobenzene	10	U	NA		NA		NA		10	U
Pentachlorophenol	25	U	NA		NA		NA		25	U
Phenanthrene	10	U	NA		NA		NA		10	U
Phenol	10	U	NA		NA		NA		10	U
Pyrene	10	UJc	NA		NA		NA		10	U
PAHs (µg/L) (EPA 8310)										
1-Methylnaphthalene	NA		NA		NA		NA		NA	
2-Methylnaphthalene	NA		NA		NA		NA		NA	
Acenaphthene	NA		NA		NA		NA		NA	
Acenaphthylene	NA		NA		NA		NA		NA	
Anthracene	NA		NA		NA		NA		NA	
Benzo(a)anthracene	NA		NA		NA		NA		NA	
Benzo(a)pyrene	NA		NA		NA		NA		NA	
Benzo(b)fluoranthene	NA		NA		NA		NA		NA	
Benzo(g,h,i)perylene	NA		NA		NA		NA		NA	
Benzo(k)fluoranthene	NA		NA		NA		NA		NA	
Chrysene	NA		NA		NA		NA		NA	
Dibenzo(A,H)anthracene	NA		NA		NA		NA		NA	
Fluoranthene	NA		NA		NA		NA		NA	
Fluorene	NA		NA		NA		NA		NA	
Indeno(1,2,3-cd)pyrene	NA		NA		NA		NA		NA	
Naphthalene	NA		NA		NA		NA		NA	
Phenanthrene	NA		NA		NA		NA		NA	
Pyrene	NA		NA		NA		NA		NA	

POINT NAME	MW10-12							
SAMPLE DATE	21-Mar-94		24-Sep-94		14-Dec-94		2-Jun-98	
SAMPLE MEDIUM	Water		Water		Water		Water	
Bis(2-Chloroethoxy)methane	10	U	NA		NA		1	U
Bis(2-Chloroethyl)ether	10	U	NA		NA		1	U
Bis(2-Ethylhexyl)phthalate	10	Ub	NA		NA		1	UJb
Butylbenylphthalate	10	U	NA		NA		1	U
Carbazole	10	U	NA		NA		1	U
Chrysene	10	U	NA		NA		1	U
DI-N-Butylphthalate	10	U	NA		NA		1	UJb
Di-N-Octylphthalate	10	U	NA		NA		1	U
Dibenzo(a,h)anthracene	10	U	NA		NA		1	U
Dibenzofuran	10	U	NA		NA		1	U
Diethylphthalate	10	U	NA		NA		1	U
Dimethylphthalate	10	U	NA		NA		1	U
Fluoranthene	10	U	NA		NA		1	U
Fluorene	10	U	NA		NA		1	U
Hexachlorobenzene	10	U	NA		NA		1	U
Hexachlorobutadiene	10	U	NA		NA		1	U
Hexachlorocyclopentadiene	10	U	NA		NA		1	UJc
Hexachloroethane	10	U	NA		NA		1	U
Indeno(1,2,3-cd)pyrene	10	U	NA		NA		1	U
Isophorone	10	U	NA		NA		1	U
N-Nitroso-Di-N-Propylamine	10	U	NA		NA		1	U
N-Nitrosodiphenylamine (1)	10	U	NA		NA		1	U
Naphthalene	10	U	NA		NA		1	U
Nitrobenzene	10	U	NA		NA		1	U
Pentachlorophenol	26	U	NA		NA		3	U
Phenanthrene	10	U	NA		NA		1	U
Phenol	10	U	NA		NA		1	U
Pyrene	10	U	NA		NA		1	U
PAHs (µg/L) (EPA 8310)								
1-Methylnaphthalene	NA		NA		NA		NA	
2-Methylnaphthalene	NA		NA		NA		NA	
Acenaphthene	NA		NA		NA		NA	
Acenaphthylene	NA		NA		NA		NA	
Anthracene	NA		NA		NA		NA	
Benzo(a)anthracene	NA		NA		NA		NA	
Benzo(a)pyrene	NA		NA		NA		NA	
Benzo(b)fluoranthene	NA		NA		NA		NA	
Benzo(g,h,i)perylene	NA		NA		NA		NA	
Benzo(k)fluoranthene	NA		NA		NA		NA	
Chrysene	NA		NA		NA		NA	
Dibenzo(A,H)anthracene	NA		NA		NA		NA	
Fluoranthene	NA		NA		NA		NA	
Fluorene	NA		NA		NA		NA	
Indeno(1,2,3-cd)pyrene	NA		NA		NA		NA	
Naphthalene	NA		NA		NA		NA	
Phenanthrene	NA		NA		NA		NA	
Pyrene	NA		NA		NA		NA	

TABLE 3
GROUNDWATER DATA SUMMARY FOR SOUTH SHORELINE AREA

POINT NAME	MW10-14										MW10-16								MW10-18		ERM10-01											
SAMPLE DATE	21-Mar-94		30-Jun-94		30-Sep-94		15-Dec-94		3-Jun-98		3-Aug-94		30-Sep-94		15-Dec-94		23-Feb-99		23-Feb-99		28-Mar-94		25-Jun-94		27-Sep-94		14-Dec-94		6-Nov-97		6-Apr-98		19-Jan-99	
SAMPLE MEDIUM	Water		Water		Water		Water		Water		Water		Water		Water		Water		Water		Water		Water		Water		Water		Water		Water		Water	
TPH Purgeable (µg/L)																																		
Gasoline	50	U	NA		50	UJc	50	UJj	50	U	50	UJc	50	UJc	50	UJj	510	Z	2480	Z	50	U	50	U	50	UJ	50	UJj	50	U	NA		260	
Other Light TPH Components	50	U	50	U	50	U	50	J	NA		50	U	50	U	50	U	NA		NA		1000	Y	660	Jj	550	Y	300	Y	NA		NA		NA	
MTBE	NA		50	U	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		Na		NA		NA		NA		NA	
Benzene	0.5	U	0.5	U	0.5	U	0.5	U	NA		0.5	U	0.5	U	0.5	U	NA		NA		0.5	U	0.5	U	0.5	UJc	0.5	U	NA		NA		NA	
Ethylbenzene	0.5	U	0.5	U	0.5	U	0.5	U	NA		0.5	U	0.5	U	0.5	U	NA		NA		0.5	U	0.5	U	0.5	UJc	0.5	U	NA		NA		NA	
Toluene	0.5	U	0.5	U	0.5	U	0.5	U	NA		0.5	U	0.5	U	0.5	U	NA		NA		0.5	U	0.5	U	0.5	UJc	0.5	U	NA		NA		NA	
Xylene (Total)	0.5	U	0.5	U	0.5	U	0.5	U	NA		0.5	U	0.5	U	0.5	U	NA		NA		0.5	U	0.5	U	0.5	UJc	0.8		NA		NA		NA	
TPH Extractable (µg/L)																																		
JP-4 Range Organics	52	U	50	U	50	U	50	U	NA		50	U	50	U	50	U	NA		NA		52	U	50	U	NA		50	U	NA		NA		NA	
JP-5 Range Organics	52	U	50	U	50	U	50	U	100	U	50	U	50	U	50	U	100	U	4230	Y	52	U	50	U	NA		50	U	100	U	100	U	NA	
Diesel Range Organics	NA		NA		NA		NA		100	U	NA		NA		NA		3570	Y	100	U	NA		NA		NA		NA		100	U	100	U	5620	Y
TPH - Weathered Diesel (C8-C26)	52	UJc	50	U	50	U	50	U	NA		50	U	50	U	50	U	NA		NA		1300		50	U	NA		50	U	NA		NA		NA	
TPH - Diesel F-76 (C8-C28)	52	U	50	U	50	U	50	U	100	U	50	UJc	50	U	50	U	100	U	100	U	52	U	50	U	NA		1600		100	U	100	U	NA	
Motor Oil Range Organics	NA		NA		NA		NA		100	UJa	NA		NA		NA		120	U	120	U	NA		NA		NA		NA		350	Z	100	U	100	U
Other Heavy TPH Components	52	U	430	Jj	50	U	50	U	NA		50	U	50	U	50	U	NA		NA		52	U	1800	Jj	1900	Ja	50	U	NA		NA		NA	
TPH - Bunker Fuel (C10-C28)	520	UJc	500	U	500	UJc	500	U	100	U	500	U	500	UJc	500	U	100	U	100	U	520	U	500	U	NA		500	U	3620	Y	1400	Y	NA	
VOAs (µg/L)																																		
1,1,1-Trichloroethane	2	U	2	U	0.5	U	2	U	2	U	2	U	0.5	U	2	U	NA		50	U	3	U	2	U	2	UJh	2	U	2	U	2	U	NA	
1,1,2,2-Tetrachloroethane	NA		2	U	0.5	U	2	U	2	U	2	U	0.5	U	2	U	NA		50	U	3	U	2	U	2	UJh	2	U	2	U	2	U	NA	
1,1,2-Trichloroethane	2	U	2	U	0.5	U	2	U	2	U	2	U	0.5	U	2	U	NA		50	U	3	U	2	U	2	UJh	2	U	2	U	2	U	NA	
1,1-Dichloroethane	2	U	0.3	J	0.5	U	2	U	2	U	2	U	0.5	U	2	U	NA		50	U	3	U	2	U	2	UJh	2	U	2	U	2	U	NA	
1,1-Dichloroethene	2	U	2	U	0.5	U	2	U	2	U	2	U	0.5	U	2	U	NA		50	U	3	U	2	U	2	UJh	2	U	2	U	2	U	NA	
1,2-Dichlorobenzene	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
1,2-Dichloroethane	2	U	2	U	0.5	U	2	U	0.5	U	2	U	0.5	U	2	U	NA		50	U	3	U	2	U	2	UJh	2	U	0.5	U	0.5	U	NA	
1,2-Dichloroethene (total)	2	U	2	U	0.5	U	2	U	2	U	2	U	0.5	U	2	U	NA		50	U	3	U	2	U	2	UJh	2	U	2	U	2	U	NA	
1,2-Dichloropropane	2	U	2	U	0.5	U	2	U	2	U	2	U	0.5	U	2	U	NA		50	U	3	U	2	U	2	UJh	2	U	2	U	2	U	NA	
1,3-Dichlorobenzene	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
1,4-Dichlorobenzene	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
2-Butanone	2	U	2	U	4	UJc	2	U	2	UJc	2	U	4	UJc	2	U	NA		50	U	39		2	UJc	2	UJh	2	U	2	U	2	U	NA	
2-Hexanone	2	U	2	U	4	UJc	2	U	2	UJc	2	U	4	UJc	2	U	NA		50	U	3	U	2	UJc	2	UJh,c	2	U	1	J	2	U	NA	
4-Methyl-2-Pentanone	2	U	2	U	4	UJc	2	U	2	U	2	U	4	UJc	2	U	NA		50	U	3	U	2	UJc	2	UJh,c	2	U	2	U	2	U	NA	
Acetone	2	U	2	UJb,c	4	UJc	2	UJb,c	2	UJc	2	UJb,c	4	UJc	2	UJb,c	NA		50	Jb,c	3	U	2	UJc	5	UJh,b,c	2	UJb,c	2	UJb,c	2	UJc	NA	
Benzene	2	U	2	U	0.5	U	2	U	0.5	U	2	U	0.5	U	2	U	NA		50	U	3	U	0.2	J	2	UJh	2	U	0.5	U	0.5	U	NA	
Bromodichloromethane	2	U	2	U	0.5	U	2	U	2	U	2	U	0.5	U	2	U	NA		50	U	3	U	2	U	2	UJh	2	U	2	U	2	U	NA	
Bromoform	NA		2	U	0.5	U	2	U	2	U	2	U	0.5	U	2	U	NA		50	U	3	U	2	U	2	UJh	2	U	2	U	2	U	NA	
Bromomethane	2	U	2	U	0.5	U	2	U	2	U	2	U	0.5	U	2	U	NA		50	U	3	U	2	U	2	UJh	2	U	2	U	2	U	NA	
Carbon Disulfide	2	U	2	U	0.5	U	2	U	2	U	2	U	0.5	U	2	U	NA		50	U	3	U	2	U	2	UJh,c	2	U	2	U	2	U	NA	
Carbon Tetrachloride	2	U	2	U	0.5	U	2	U	0.5	U	2	U	0.5	U	2	U	NA		50	U	3	U	2	U	2	UJh	2	U	0.5	U	0.5	U	NA	
Chlorobenzene	2	U	2	U	0.5	U	2	U	2	U	2	U	0.5	U	2	U	NA		50	U	3	U	2	U	2	UJh	2	U	2	U	2	U	NA	
Chloroethane	2	U	2	U	0.5	U	2	U	2	U	2	U	0.5	U	2	U	NA		50	U	3	U	2	U	2	UJh	2	U	2	U	2	U	NA	
Chloroform	2	U	2	U	0.5	U	0.3	J	2	U	2	U	0.5	U	2	U	NA		50	U	3	U	2	U	2	UJh	2	U	2	U	2	U	NA	
Chloromethane	2	U	2	U	0.5	U	2	U	2	U	2	U	0.5	U	2	U	NA		50	U	3	U	2	U	2	UJh	2	U	2	U	2	U	NA	
Cis-1,2-Dichloroethene	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
Cis-1,3-Dichloropropene	2	U	2	U	0.5	U	2	U	0.5	U	2	U	0.5	U	2	U	NA		50	U	3	U	2	U	2	UJh	2	U	0.5	U	0.5	U	NA	
Dibromochloromethane	2	U	2	U	0.5	U	2	U	2	U	2	U	0.5	U	2	U	NA		50	U	3	U	2	U	2	UJh	2	U	2	U	2	U	NA	
Ethylbenzene	2	U	2	U	0.5	U	2	U	2	U	2	U	0.5	U	2	U	NA		4	Jg	3	U	0.2	J	2	UJh	2	U	2	U	2	U	NA	
Methyl-T-Butyl-Ether	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	

TABLE 3
GROUNDWATER DATA SUMMARY FOR SOUTH SHORELINE AREA

POINT NAME	MW10-14									
SAMPLE DATE	21-Mar-94		30-Jun-94		30-Sep-94		15-Dec-94		3-Jun-98	
SAMPLE MEDIUM	Water		Water		Water		Water		Water	
Methylene Chloride	2	Ub	2	Ub	0.5	U	2	Ub	2	UJb
O-Xylene	NA		NA		NA		NA		NA	
Styrene	2	U	2	U	0.5	U	2	U	2	U
Tetrachloroethene	2	U	2	U	0.5	U	2	U	2	U
Toluene	2	U	2	U	0.5	U	2	U	2	U
Trans-1,2-Dichloroethene	NA		NA		NA		NA		NA	
Trans-1,3-Dichloropropene	2	U	2	U	0.5	U	2	U	0.5	U
Trichloroethene	2	U	2	U	0.5	U	2	Ub	2	U
Vinyl Chloride	2	U	2	U	0.5	U	2	U	0.5	U
Xylene (total)	2	U	2	U	0.5	U	2	U	2	U
SVOA (µg/L) (EPA 8270C)										
1-Methylnaphthalene	NA		NA		NA		NA		NA	
1,2,4-Trichlorobenzene	11	U	10	U	10	U	10	U	1	U
1,2-Dichlorobenzene	11	U	10	U	10	U	10	U	1	U
1,3-Dichlorobenzene	11	U	10	U	10	U	10	U	1	U
1,4-Dichlorobenzene	11	U	10	U	10	U	10	U	1	U
2,2'-Oxybis(1-Chloropropane)	11	U	10	U	10	U	10	U	1	U
2,4,5-Trichlorophenol	26	U	25	U	25	U	25	U	3	U
2,4,6-Trichlorophenol	11	U	10	U	10	U	10	U	1	U
2,4-Dichlorophenol	11	U	10	U	10	U	10	U	1	U
2,4-Dimethylphenol	11	U	10	U	10	U	10	U	1	U
2,4-Dinitrophenol	26	U	25	U	25	U	25	U	3	UJc
2,4-Dinitrotoluene	11	U	10	U	10	U	10	U	1	U
2,6-Dinitrotoluene	11	U	10	U	10	U	10	U	1	U
2-Chloronaphthalene	11	U	10	U	10	U	10	U	1	U
2-Chlorophenol	11	U	10	U	10	U	10	U	1	U
2-Methylnaphthalene	11	U	10	U	10	U	10	U	1	U
2-Methylphenol	11	U	10	U	10	U	10	U	1	U
2-Nitroaniline	26	U	25	U	25	U	25	U	3	U
2-Nitrophenol	11	U	10	U	10	UJc	10	U	1	U
3,3'-Dichlorobenzidine	11	UJc	10	U	10	U	10	UJc	1	U
3-Nitroaniline	26	U	25	UJc	25	UJc	25	UJc	3	U
4,6-Dinitro-2-Methylphenol	26	U	25	U	25	U	25	U	3	U
4-Bromophenyl-Phenylether	11	U	10	U	10	U	10	U	1	U
4-Chloro-3-Methylphenol	11	U	10	U	10	U	10	U	1	U
4-Chloroaniline	11	UJc	10	U	10	U	10	U	1	U
4-Chlorophenyl-Phenylether	11	U	10	U	10	U	10	U	1	U
4-Methylphenol	11	U	230	D	2	J	10	U	1	U
4-Nitroaniline	26	U	25	U	25	U	25	U	3	U
4-Nitrophenol	26	U	25	U	25	U	25	U	3	UJc
Acenaphthene	11	U	10	U	10	U	10	U	1	U
Acenaphthylene	11	U	10	U	10	U	10	U	1	U
Anthracene	11	U	10	U	10	U	10	U	1	U
Benzo(a)anthracene	11	U	10	U	10	U	10	U	1	U
Benzo(a)pyrene	11	U	10	U	10	U	10	U	1	U
Benzo(b)fluoranthene	11	U	10	U	10	U	10	U	1	U
Benzo(g,h,i)perylene	11	U	10	U	10	U	10	U	1	U
Benzo(k)fluoranthene	11	U	10	U	10	U	10	U	1	U

POINT NAME	MW10-16								MW10-18	
SAMPLE DATE	3-Aug-94		30-Sep-94		15-Dec-94		23-Feb-99		23-Feb-99	
SAMPLE MEDIUM	Water		Water		Water		Water		Water	
Methylene Chloride	0.5	Ub	0.5	U	0.7	J	NA		50	U
O-Xylene	NA		NA		NA		NA		NA	
Styrene	2	U	0.5	U	2	U	NA		50	U
Tetrachloroethene	2	U	0.5	U	2	U	NA		50	U
Toluene	2	U	0.5	U	2	U	NA		50	U
Trans-1,2-Dichloroethene	NA		NA		NA		NA		NA	
Trans-1,3-Dichloropropene	2	U	0.5	U	2	U	NA		50	U
Trichloroethene	2	U	0.5	U	2	U	NA		50	U
Vinyl Chloride	2	U	0.5	U	2	U	NA		50	U
Xylene (total)	2	U	0.5	U	2	U	NA		10	Jg
SVOA (µg/L) (EPA 8270C)										
1-Methylnaphthalene	NA		NA		NA		NA		NA	
1,2,4-Trichlorobenzene	10	UJc	10	U	10	U	NA		NA	
1,2-Dichlorobenzene	10	U	10	U	10	U	NA		NA	
1,3-Dichlorobenzene	10	U	10	U	10	U	NA		NA	
1,4-Dichlorobenzene	10	U	10	U	10	U	NA		NA	
2,2'-Oxybis(1-Chloropropane)	10	U	10	U	10	U	NA		NA	
2,4,5-Trichlorophenol	25	U	25	U	25	U	NA		NA	
2,4,6-Trichlorophenol	10	U	10	U	10	U	NA		NA	
2,4-Dichlorophenol	10	U	10	U	10	U	NA		NA	
2,4-Dimethylphenol	10	U	10	U	10	U	NA		NA	
2,4-Dinitrophenol	25	UJc	25	U	25	U	NA		NA	
2,4-Dinitrotoluene	10	U	10	U	10	U	NA		NA	
2,6-Dinitrotoluene	10	U	10	U	10	U	NA		NA	
2-Chloronaphthalene	10	U	10	U	10	U	NA		NA	
2-Chlorophenol	10	U	10	U	10	U	NA		NA	
2-Methylnaphthalene	10	U	10	U	10	U	NA		NA	
2-Methylphenol	10	U	10	U	10	U	NA		NA	
2-Nitroaniline	25	U	25	U	25	U	NA		NA	
2-Nitrophenol	10	U	10	UJc	10	U	NA		NA	
3,3'-Dichlorobenzidine	10	U	10	U	10	UJc	NA		NA	
3-Nitroaniline	25	UJc	25	UJc	25	UJc	NA		NA	
4,6-Dinitro-2-Methylphenol	25	U	25	U	25	U	NA		NA	
4-Bromophenyl-Phenylether	10	U	10	U	10	U	NA		NA	
4-Chloro-3-Methylphenol	10	U	10	U	10	U	NA		NA	
4-Chloroaniline	10	U	10	U	10	U	NA		NA	
4-Chlorophenyl-Phenylether	10	U	10	U	10	U	NA		NA	
4-Methylphenol	10	U	10	U	10	U	NA		NA	
4-Nitroaniline	25	U	25	U	25	U	NA		NA	
4-Nitrophenol	25	U	25	U	25	U	NA		NA	
Acenaphthene	10	U	10	U	10	U	NA		NA	
Acenaphthylene	10	U	10	U	10	U	NA		NA	
Anthracene	10	U	10	U	10	U	NA		NA	
Benzo(a)anthracene	10	U	10	U	10	U	NA		NA	
Benzo(a)pyrene	10	U	10	U	10	U	NA		NA	
Benzo(b)fluoranthene	10	U	10	U	10	U	NA		NA	
Benzo(g,h,i)perylene	10	U	10	U	10	U	NA		NA	
Benzo(k)fluoranthene	10	U	10	U	10	U	NA		NA	

POINT NAME	ERM10-01													
SAMPLE DATE	28-Mar-94		25-Jun-94		27-Sep-94		14-Dec-94		6-Nov-97		6-Apr-98		19-Jan-99	
SAMPLE MEDIUM	Water		Water		Water		Water		Water		Water		Water	
Methylene Chloride	0.4	J	2	U	2	UJh	2	Ub	2	U	2	U	NA	
O-Xylene	NA		NA		NA		NA		NA		NA		NA	
Styrene	3	U	2	U	2	UJh	2	U	2	U	2	U	NA	
Tetrachloroethene	3	U	2	U	2	UJh	2	U	2	U	2	U	NA	
Toluene	3	U	0.2	J	2	UJh	2	U	2	U	2	U	NA	
Trans-1,2-Dichloroethene	NA		NA		NA		NA		NA		NA		NA	
Trans-1,3-Dichloropropene	3	U	2	U	2	UJh	2	U	0.5	U	0.5	U	NA	
Trichloroethene	3	U	2	U	2	UJh	2	U	2	U	2	U	NA	
Vinyl Chloride	3	U	2	U	2	UJh	2	U	0.5	U	0.5	U	NA	
Xylene (total)	3	U	0.7	J	2	UJh	2	Ub	0.8	J	2	U	NA	
SVOA (µg/L) (EPA 8270C)														
1-Methylnaphthalene	NA		NA		NA		NA		NA		NA		NA	
1,2,4-Trichlorobenzene	11	U	10	U	10	U	10	U	1	U	1	UJa	80	U
1,2-Dichlorobenzene	11	U	10	U	10	U	10	U	1	U	1	UJa	40	U
1,3-Dichlorobenzene	11	U	10	U	10	U	10	U	1	U	1	UJa	40	U
1,4-Dichlorobenzene	11	U	10	U	10	U	10	U	1	U	1	UJa	40	U
2,2'-Oxybis(1-Chloropropane)	11	U	10	U	10	U	10	U	1	U	1	UJa	80	U
2,4,5-Trichlorophenol	27	U	25	U	25	U	25	U	3	U	3	UJa	200	U
2,4,6-Trichlorophenol	11	U	10	U	10	U	10	U	1	U	1	UJa	80	U
2,4-Dichlorophenol	11	U	10	U	10	U	10	U	1	U	1	UJa	80	U
2,4-Dimethylphenol	11	U	10	U	10	U	10	U	1	U	1	UJa	80	U
2,4-Dinitrophenol	27	U	25	UJc	25	U	25	U	NA		3	UJa,c	200	U
2,4-Dinitrotoluene	11	U	10	U	10	U	10	U	1	U	1	UJa	80	U
2,6-Dinitrotoluene	11	U	10	U	10	U	10	U	1	U	1	UJa	80	U
2-Chloronaphthalene	11	U	10	U	10	U	10	U	1	U	1	UJa	80	U
2-Chlorophenol	11	U	10	U	10	U	10	U	1	U	1	UJa	80	U
2-Methylnaphthalene	0.9	J	3	J	5	J	2	J	1	U	1	UJa	80	U
2-Methylphenol	11	U	10	U	10	U	10	U	1	U	1	UJa	80	U
2-Nitroaniline	27	U	25	U	25	U	25	U	3	U	3	UJa	200	U
2-Nitrophenol	11	U	10	UJc	10	U	10	U	1	U	1	UJa	80	U
3,3'-Dichlorobenzidine	11	UJc	10	UJc	10	U	10	UJc	1	U	1	UJa,c	80	UJc
3-Nitroaniline	27	UJc	25	UJc	25	UJc	25	UJc	3	U	3	UJa	200	U
4,6-Dinitro-2-Methylphenol	27	U	25	UJc	25	U	25	U	3	Jc	3	UJa	200	U
4-Bromophenyl-Phenylether	11	U	10	U	10	U	10	U	1	U	1	UJa	80	U
4-Chloro-3-Methylphenol	11	U	10	U	10	U	10	U	1	U	1	UJa	80	U
4-Chloroaniline	11	UJc	10	UJc	10	U	10	U	1	U	1	UJa	80	U
4-Chlorophenyl-Phenylether	11	U	10	U	10	U	10	U	1	U	1	UJa	80	U
4-Methylphenol	11	U	10	U	10	U	10	U	1	U	1	UJa	80	U
4-Nitroaniline	27	U	25	UJc	25	U	25	U	3	U	3	UJa	210	U
4-Nitrophenol	27	U	25	U	25	U	25	U	3	U	3	UJa	200	U
Acenaphthene	11	U	2	J	3	J	10	U	0.4	J	0.1	Ja,g	80	U
Acenaphthylene	11	U	10	U	10	U	10	U	1	U	1	UJa	80	U
Anthracene	11	U	10	U	10	U	10	U	1	U	1	UJa	80	U
Benzo(a)anthracene	11	U	10	U	10	U	10	U	1	U	1	UJa	80	U
Benzo(a)pyrene	11	U	10	U	10	U	10	U	1	U	1	UJa	80	U
Benzo(b)fluoranthene	11	U	10	U	10	U	10	U	1	U	1	UJa	80	U
Benzo(g,h,i)perylene	11	U	10	U	10	U	10	U	1	U	1	UJa	80	U
Benzo(k)fluoranthene	11	U	10	U	10	U	10	U	1	U	1	UJa	80	U

TABLE 3
GROUNDWATER DATA SUMMARY FOR SOUTH SHORELINE AREA

POINT NAME	MW10-14										MW10-16								MW10-18		ERM10-01											
SAMPLE DATE	21-Mar-94		30-Jun-94		30-Sep-94		15-Dec-94		3-Jun-98		3-Aug-94		30-Sep-94		15-Dec-94		23-Feb-99		23-Feb-99		28-Mar-94		25-Jun-94		27-Sep-94		14-Dec-94		6-Nov-97		6-Apr-98		19-Jan-99	
SAMPLE MEDIUM	Water		Water		Water		Water		Water		Water		Water		Water		Water		Water		Water		Water		Water		Water		Water		Water		Water	
Bis(2-Chloroethoxy)methane	11	U	10	U	10	U	10	U	1	U	10	U	10	U	10	U	NA		NA		11	U	10	U	10	U	10	U	1	U	1	UJa	80	U
Bis(2-Chloroethyl)ether	11	U	10	U	10	U	10	U	1	U	10	U	10	U	10	U	NA		NA		11	U	10	U	10	U	10	U	1	U	1	UJa	80	U
Bis(2-Ethylhexyl)phthalate	11	U	18	UJb	2	J	10	UJb	1	UJb	10	U	10	U	10	UJb	NA		NA		11	U	10	UJc	10	U	23	UJb	1	U	0.5	UJa,b	32	U
Butylbenylphthalate	11	U	10	Ub	10	U	10	U	1	U	10	U	10	U	10	U	NA		NA		11	U	10	UJc	10	U	10	U	1	U	0.1	UJa,b	80	U
Carbazole	11	U	10	U	10	U	10	U	1	U	10	U	10	U	10	U	NA		NA		11	UJc	10	UJc	10	U	10	U	1	U	1	UJa	80	UJc
Chrysene	11	U	10	U	10	U	10	U	1	U	10	U	10	U	10	U	NA		NA		11	U	10	U	10	U	10	U	1	U	1	UJa	80	U
DI-N-Butylphthalate	11	U	10	U	10	U	10	U	1	UJb	10	U	10	U	10	U	NA		NA		11	U	10	U	0.2	J	10	U	0.6	J	0.2	UJa,b	80	U
Di-N-Octylphthalate	11	U	10	U	10	U	10	U	1	U	10	U	10	U	10	U	NA		NA		11	U	10	U	10	U	10	U	0.3	J	1	UJa	80	U
Dibenzo(a,h)anthracene	11	U	10	U	10	U	10	U	1	U	10	U	10	U	10	U	NA		NA		11	U	10	U	10	U	10	U	1	U	1	UJa	80	U
Dibenzofuran	11	U	10	U	10	U	10	U	1	U	10	U	10	U	10	U	NA		NA		11	U	0.7	J	10	U	10	U	1	U	1	UJa	80	U
Diethylphthalate	11	U	10	U	10	U	10	U	1	U	10	U	10	U	10	U	NA		NA		11	U	10	U	10	U	10	U	0.4	J	1	UJa	80	U
Dimethylphthalate	11	U	10	U	10	U	10	U	1	U	10	U	10	U	10	U	NA		NA		11	U	10	U	10	U	10	U	1	U	1	UJa	80	U
Fluoranthene	11	U	10	U	10	U	10	U	1	U	10	U	10	U	10	U	NA		NA		11	U	10	U	10	U	10	U	1	U	1	UJa	80	U
Fluorene	11	U	10	U	10	U	10	U	1	U	10	U	10	U	10	U	NA		NA		11	U	2	J	2	J	10	U	0.2	J	0.2	Ja,g	80	U
Hexachlorobenzene	11	U	10	U	10	U	10	U	1	U	10	U	10	U	10	U	NA		NA		11	UJc	10	U	10	U	10	U	1	U	1	UJa	80	U
Hexachlorobutadiene	11	U	10	U	10	U	10	U	1	U	10	UJc	10	U	10	U	NA		NA		11	U	10	U	10	U	10	U	1	U	1	UJa	80	U
Hexachlorocyclopentadiene	11	U	10	U	10	U	10	U	1	UJc	10	UJc	10	U	10	U	NA		NA		11	U	10	U	10	U	10	U	1	Jc	1	UJa	80	U
Hexachloroethane	11	U	10	U	10	U	10	U	1	U	10	U	10	U	10	U	NA		NA		11	U	10	U	10	U	10	U	1	U	1	UJa	80	U
Indeno(1,2,3-cd)pyrene	11	U	10	U	10	U	10	U	1	U	10	U	10	U	10	U	NA		NA		11	U	10	U	10	U	10	U	1	U	1	UJa	80	U
Isophorone	11	U	10	U	10	U	10	U	1	U	10	U	10	U	10	U	NA		NA		11	U	10	U	10	U	10	U	1	U	1	UJa	80	U
N-Nitroso-Di-N-Propylamine	11	U	10	U	10	U	10	U	1	U	10	U	10	U	10	U	NA		NA		11	U	10	U	10	U	10	U	1	Jc	1	UJa	80	U
N-Nitrosodiphenylamine (1)	11	U	10	U	10	U	10	U	1	U	10	U	10	U	10	U	NA		NA		11	UJc	10	UJc	10	U	10	U	1	U	1	UJa	80	U
Naphthalene	11	U	10	U	10	U	10	U	1	U	10	U	10	U	10	U	NA		NA		11	U	10	U	10	U	10	U	1	U	1	UJa	80	U
Nitrobenzene	11	U	10	U	10	U	10	U	1	U	10	U	10	U	10	U	NA		NA		11	U	10	U	10	U	10	U	1	U	1	UJa	80	U
Pentachlorophenol	26	U	25	U	25	U	25	U	3	U	25	U	25	U	25	U	NA		NA		27	U	25	U	25	UJc	25	U	3	Jc	3	UJa	200	U
Phenanthrene	11	U	10	U	10	U	10	U	1	U	10	U	10	U	10	U	NA		NA		11	U	2	J	10	U	10	U	1	U	1	UJa	80	U
Phenol	11	U	10	Ub	10	U	10	U	1	U	10	U	10	U	10	U	NA		NA		11	U	10	U	10	U	10	U	1	U	1	UJa	80	U
Pyrene	11	U	10	U	10	U	10	U	1	U	10	UJc	10	U	10	U	NA		NA		11	U	10	UJc	10	U	10	U	1	U	0.1	Ja,g	80	U
PAHs (µg/L) (EPA 8310)																																		
1-Methylnaphthalene	NA		NA		NA		NA		NA		NA		NA		NA		1	U	8		NA		NA		NA		NA		NA		NA		NA	
2-Methylnaphthalene	NA		NA		NA		NA		NA		NA		NA		NA		1	U	1	U	NA		NA		NA		NA		NA		NA		NA	
Acenaphthene	NA		NA		NA		NA		NA		NA		NA		NA		5	U	5	U	NA		NA		NA		NA		NA		NA		NA	
Acenaphthylene	NA		NA		NA		NA		NA		NA		NA		NA		2	U	2	U	NA		NA		NA		NA		NA		NA		NA	
Anthracene	NA		NA		NA		NA		NA		NA		NA		NA		0.2	U	0.2	U	NA		NA		NA		NA		NA		NA		NA	
Benzo(a)anthracene	NA		NA		NA		NA		NA		NA		NA		NA		0.2	U	0.2	U	NA		NA		NA		NA		NA		NA		NA	
Benzo(a)pyrene	NA		NA		NA		NA		NA		NA		NA		NA		0.2	U	0.2	U	NA		NA		NA		NA		NA		NA		NA	
Benzo(b)fluoranthene	NA		NA		NA		NA		NA		NA		NA		NA		0.2	U	0.2	U	NA		NA		NA		NA		NA		NA		NA	
Benzo(g,h,i)perylene	NA		NA		NA		NA		NA		NA		NA		NA		0.2	U	0.2	U	NA		NA		NA		NA		NA		NA		NA	
Benzo(k)fluoranthene	NA		NA		NA		NA		NA		NA		NA		NA		0.2	U	0.2	U	NA		NA		NA		NA		NA		NA		NA	
Chrysene	NA		NA		NA		NA		NA		NA		NA		NA		0.2	U	0.2	U	NA		NA		NA		NA		NA		NA		NA	
Dibenzo(A,H)anthracene	NA		NA		NA		NA		NA		NA		NA		NA		0.5	U	0.5	U	NA		NA		NA		NA		NA		NA		NA	
Fluoranthene	NA		NA		NA		NA		NA		NA		NA		NA		0.2	U	0.2		NA		NA		NA		NA		NA		NA		NA	
Fluorene	NA		NA		NA		NA		NA		NA		NA		NA		1	U	0.5	Jg	NA		NA		NA		NA		NA		NA		NA	
Indeno(1,2,3-cd)pyrene	NA		NA		NA		NA		NA		NA		NA		NA		0.2	U	0.2	U	NA		NA		NA		NA		NA		NA		NA	
Naphthalene	NA		NA		NA		NA		NA		NA		NA		NA		5	U	5	U	NA		NA		NA		NA		NA		NA		NA	
Phenanthrene	NA		NA		NA		NA		NA		NA		NA		NA		1	U	1	U	NA		NA		NA		NA		NA		NA		NA	
Pyrene	NA		NA		NA		NA		NA		NA		NA		NA		0.3		0.61		NA		NA		NA		NA		NA		NA		NA	

TABLE 3
GROUNDWATER DATA SUMMARY FOR SOUTH SHORELINE AREA

POINT NAME	ERM10-02							
SAMPLE DATE	28-Mar-94		30-Jun-94		26-Sep-94		13-Dec-94	
SAMPLE MEDIUM	Water		Water		Water		Water	
TPH Purgeable (µg/L)								
Gasoline	50	U	50	U	50	UJc	50	UJj
Other Light TPH Components	50	U	50	U	50	U	50	U
MTBE	NA		NA		NA		NA	
Benzene	0.5	U	0.5	U	0.5	UJc	0.5	U
Ethylbenzene	0.5	U	0.5	U	0.5	UJc	0.5	U
Toluene	0.5	U	0.5	U	0.5	UJc	0.5	U
Xylene (Total)	0.5	U	0.5	U	0.5	UJc	0.5	U
TPH Extractable (µg/L)								
JP-4 Range Organics	51	U	50	U	50	U	50	U
JP-5 Range Organics	51	U	50	U	50	UJc	50	U
Diesel Range Organics	NA		NA		NA		NA	
TPH - Weathered Diesel (C8-C26)	51	U	50	U	50	U	50	U
TPH - Diesel F-76 (C8-C28)	51	U	50	U	50	U	50	U
Motor Oil Range Organics	NA		NA		NA		NA	
Other Heavy TPH Components	51	U	110	Jj	50	U	50	U
TPH - Bunker Fuel (C10-C28)	510	U	500	U	500	UJc	500	U
VOAs (µg/L)								
1,1,1-Trichloroethane	2	U	2	U	1	J	2	U
1,1,2,2-Tetrachloroethane	2	U	2	U	2	U	2	U
1,1,2-Trichloroethane	2	U	2	U	2	U	2	U
1,1-Dichloroethane	2	U	2	U	2	U	2	U
1,1-Dichloroethene	2	U	2	U	9		2	U
1,2-Dichlorobenzene	NA		NA		NA		NA	
1,2-Dichloroethane	2	U	2	U	2	U	2	U
1,2-Dichloroethene (total)	2	U	2	U	2	U	2	U
1,2-Dichloropropane	2	U	2	U	2	U	2	U
1,3-Dichlorobenzene	NA		NA		NA		NA	
1,4-Dichlorobenzene	NA		NA		NA		NA	
2-Butanone	2	U	2	U	2	U	2	U
2-Hexanone	2	U	2	U	2	U	2	U
4-Methyl-2-Pentanone	2	U	2	U	2	U	2	U
Acetone	2	U	2	UJb,c	2	U	2	UJb,c
Benzene	2	U	0.05	J	0.2	J	2	U
Bromodichloromethane	2	U	2	U	2	U	2	U
Bromoform	2	U	2	U	2	U	2	U
Bromomethane	2	U	2	U	2	U	2	U
Carbon Disulfide	2	U	2	U	2	UJc	2	U
Carbon Tetrachloride	2	U	2	U	2	U	2	U
Chlorobenzene	2	U	2	U	2	U	2	U
Chloroethane	2	U	2	U	2	UJc	2	U
Chloroform	2	U	2	U	2	U	2	U
Chloromethane	2	U	2	U	2	U	2	U
Cis-1,2-Dichloroethene	NA		NA		NA		NA	
Cis-1,3-Dichloropropene	2	U	2	U	2	U	2	U
Dibromochloromethane	2	U	2	U	2	U	2	U
Ethylbenzene	2	U	2	U	2	U	2	U
Methyl-T-Butyl-Ether	NA		NA		NA		NA	

Notes:

NA	Not analyzed
PAH	Polynuclear aromatic hydrocarbon
TPH	Total petroleum hydrocarbon
SVOA	Semivolatile Organic Analysis
VOAs	Volatile Organic Analyses
µg/L	Micrograms per liter

Data Validation Qualifiers

B	Analyte present in associated blank as well as in sample
D	Sample was diluted
J	Estimated detected result
U	Nondetected result
UJ	Estimated nondetected result
Y	Mixture in JP-5 and diesel ranges; Or mixture in JP-5 range Chromatograph response did not resemble a typical fuel pattern Or fuel pattern does not match standard
Z	Not a typical gas pattern; most of the peaks in the chromatogram correspond to the heavier portion of the chain. Or no fuel pattern (individual peaks only)

Data Validation Qualifier Codes

a	Surrogate recovery exceeded
b	Laboratory method blank and common blank contamination
c	Calibration exceeded
e	Matrix spike/laboratory control sample (LCS) recovery was exceeded
f	Field blank contamination
g	Results above the detection limit and below the reporting limit
h	Holding time exceeded
j	Other qualifications

TABLE 3
GROUNDWATER DATA SUMMARY FOR SOUTH SHORELINE AREA

POINT NAME	ERM10-02							
SAMPLE DATE	28-Mar-94		30-Jun-94		26-Sep-94		13-Dec-94	
SAMPLE MEDIUM	Water		Water		Water		Water	
Methylene Chloride	2	U	2	U	2	U	2	Ub
O-Xylene	NA		NA		NA		NA	
Styrene	2	U	2	U	2	U	2	U
Tetrachloroethene	2	U	2	U	2	U	2	U
Toluene	2	U	2	U	2	U	2	U
Trans-1,2-Dichloroethene	NA		NA		NA		NA	
Trans-1,3-Dichloropropene	2	U	2	U	2	U	2	U
Trichloroethene	2	U	2	U	1	J	2	U
Vinyl Chloride	2	U	2	U	2	U	2	U
Xylene (total)	2	U	2	U	2	U	2	U
SVOA (µg/L) (EPA 8270C)								
1-Methylnaphthalene	NA		NA		NA		NA	
1,2,4-Trichlorobenzene	10	U	NA		10	U	10	U
1,2-Dichlorobenzene	10	U	NA		10	U	10	U
1,3-Dichlorobenzene	10	U	NA		10	U	10	U
1,4-Dichlorobenzene	10	U	NA		10	U	10	U
2,2'-Oxybis(1-Chloropropane)	10	U	NA		10	U	10	U
2,4,5-Trichlorophenol	26	U	NA		25	U	25	U
2,4,6-Trichlorophenol	10	U	NA		10	U	10	U
2,4-Dichlorophenol	10	U	NA		10	U	10	U
2,4-Dimethylphenol	10	U	NA		10	U	10	U
2,4-Dinitrophenol	26	U	NA		25	U	25	U
2,4-Dinitrotoluene	10	U	NA		10	U	10	U
2,6-Dinitrotoluene	10	U	NA		10	U	10	U
2-Chloronaphthalene	10	U	NA		10	U	10	U
2-Chlorophenol	10	U	NA		10	U	10	U
2-Methylnaphthalene	10	U	NA		10	U	10	U
2-Methylphenol	10	U	NA		10	U	10	U
2-Nitroaniline	26	U	NA		25	U	25	U
2-Nitrophenol	10	U	NA		10	U	10	U
3,3'-Dichlorobenzidine	10	UJc	NA		10	U	10	UJc
3-Nitroaniline	26	UJc	NA		25	UJc	25	UJc
4,6-Dinitro-2-Methylphenol	26	U	NA		25	U	25	U
4-Bromophenyl-Phenylether	10	U	NA		10	U	10	U
4-Chloro-3-Methylphenol	10	U	NA		10	U	10	U
4-Chloroaniline	10	UJc	NA		10	U	10	U
4-Chlorophenyl-Phenylether	10	U	NA		10	U	10	U
4-Methylphenol	10	U	NA		10	U	10	U
4-Nitroaniline	26	U	NA		25	U	25	U
4-Nitrophenol	26	U	NA		25	U	25	U
Acenaphthene	10	U	NA		10	U	10	U
Acenaphthylene	10	U	NA		10	U	10	U
Anthracene	10	U	NA		10	U	10	U
Benzo(a)anthracene	10	U	NA		10	U	10	U
Benzo(a)pyrene	10	U	NA		10	U	10	U
Benzo(b)fluoranthene	10	U	NA		10	U	10	U
Benzo(g,h,i)perylene	10	U	NA		10	U	10	U
Benzo(k)fluoranthene	10	U	NA		10	U	10	U

Notes:

NA	Not analyzed
PAH	Polynuclear aromatic hydrocarbon
TPH	Total petroleum hydrocarbon
SVOA	Semivolatile Organic Analysis
VOAs	Volatile Organic Analyses
µg/L	Micrograms per liter

Data Validation Qualifiers

B	Analyte present in associated blank as well as in sample
D	Sample was diluted
J	Estimated detected result
U	Nondetected result
UJ	Estimated nondetected result
Y	Mixture in JP-5 and diesel ranges; Or mixture in JP-5 range Chromatograph response did not resemble a typical fuel pattern Or fuel pattern does not match standard
Z	Not a typical gas pattern; most of the peaks in the chromatogram correspond to the heavier portion of the chain. Or no fuel pattern (individual peaks only)

Data Validation Qualifier Codes

a	Surrogate recovery exceeded
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TABLE 3
GROUNDWATER DATA SUMMARY FOR SOUTH SHORELINE AREA

POINT NAME	ERM10-02							
SAMPLE DATE	28-Mar-94		30-Jun-94		26-Sep-94		13-Dec-94	
SAMPLE MEDIUM	Water		Water		Water		Water	
Bis(2-Chloroethoxy)methane	10	U	NA		10	U	10	U
Bis(2-Chloroethyl)ether	10	U	NA		10	U	10	U
Bis(2-Ethylhexyl)phthalate	10	U	NA		10	U	10	U
Butylbenylphthalate	10	U	NA		10	U	10	U
Carbazole	10	UJc	NA		10	U	10	U
Chrysene	10	U	NA		10	U	10	U
DI-N-Butylphthalate	10	U	NA		0.6	J	10	U
Di-N-Octylphthalate	10	U	NA		10	U	10	U
Dibenzo(a,h)anthracene	10	U	NA		10	U	10	U
Dibenzofuran	10	U	NA		10	U	10	U
Diethylphthalate	10	U	NA		10	U	10	U
Dimethylphthalate	10	U	NA		10	U	10	U
Fluoranthene	10	U	NA		10	U	10	U
Fluorene	10	U	NA		10	U	10	U
Hexachlorobenzene	10	UJc	NA		10	U	10	U
Hexachlorobutadiene	10	U	NA		10	U	10	U
Hexachlorocyclopentadiene	10	U	NA		10	U	10	U
Hexachloroethane	10	U	NA		10	U	10	U
Indeno(1,2,3-cd)pyrene	10	U	NA		10	U	10	U
Isophorone	10	U	NA		10	U	10	U
N-Nitroso-Di-N-Propylamine	10	U	NA		10	U	10	U
N-Nitrosodiphenylamine (1)	10	UJc	NA		10	U	10	U
Naphthalene	10	U	NA		10	U	10	U
Nitrobenzene	10	U	NA		10	U	10	U
Pentachlorophenol	26	U	NA		25	UJc	25	U
Phenanthrene	10	U	NA		10	U	10	U
Phenol	10	U	NA		10	U	10	U
Pyrene	10	U	NA		10	U	10	U
PAHs (µg/L) (EPA 8310)								
1-Methylnaphthalene	NA		NA		NA		NA	
2-Methylnaphthalene	NA		NA		NA		NA	
Acenaphthene	NA		NA		NA		NA	
Acenaphthylene	NA		NA		NA		NA	
Anthracene	NA		NA		NA		NA	
Benzo(a)anthracene	NA		NA		NA		NA	
Benzo(a)pyrene	NA		NA		NA		NA	
Benzo(b)fluoranthene	NA		NA		NA		NA	
Benzo(g,h,i)perylene	NA		NA		NA		NA	
Benzo(k)fluoranthene	NA		NA		NA		NA	
Chrysene	NA		NA		NA		NA	
Dibenzo(A,H)anthracene	NA		NA		NA		NA	
Fluoranthene	NA		NA		NA		NA	
Fluorene	NA		NA		NA		NA	
Indeno(1,2,3-cd)pyrene	NA		NA		NA		NA	
Naphthalene	NA		NA		NA		NA	
Phenanthrene	NA		NA		NA		NA	
Pyrene	NA		NA		NA		NA	

Notes:

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PAH	Polynuclear aromatic hydrocarbon
TPH	Total petroleum hydrocarbon
SVOA	Semivolatile Organic Analysis
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TABLE 4
SOIL DATA SUMMARY FOR SOUTH SHORELINE AREA

POINT NAME	EX10-4		EX10-5		EX10-7		EX10-8		EX10-9		EX10-10		EX10-11		EX10-13		EX10-14		EX10-15		EX10-16/17		EX10-18		EX10-19		EX10-20	
SAMPLE DATE	28-Feb-00		1-Mar-00		15-Mar-00		15-Mar-00		16-Mar-00		16-Mar-00		17-Mar-00		21-Mar-00		21-Mar-00		21-Mar-00		21-Mar-00		22-Mar-00		23-Mar-00		23-Mar-00	
SAMPLE DEPTH (ft.)	0.5		0.5		7		8		7		6.5		6		8		8		8		8		8		7		7	
SAMPLE MEDIUM	soil		soil		soil		soil		soil		soil		soil		soil		soil		soil		soil		soil		soil		soil	
TPH Purgeable																												
Gasoline (mg/kg for soil, µg/L for water)	0.023	U	0.033	Jag	0.027	U	0.47	Jg	0.39	Jg	0.023	U	0.59	UJg	0.022	U	0.023	U	0.022	U	0.029		0.023	U	0.023	UJg	0.022	U
Other Light TPH Components (mg/kg for soil, µg/L for water)	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
MTBE (µg/kg for soil, µg/L for water)	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
Benzene (µg/kg for soil, µg/L for water)	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
Ethylbenzene (µg/kg for soil, µg/L for water)	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
Toluene (µg/kg for soil, µg/L for water)	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
Xylene (Total) (µg/kg for soil, µg/L for water)	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
TPH Extractable (mg/kg for soil, µg/L for water)																												
JP-4 Range Organics	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
JP-5 Range Organics	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
Diesel Range Organics	10	UJb	190	D	4.8	U	44	UJb	94	H	12	UJb	15	UJb	3.9	U	94	H	11	UJf	440	H	4.1	U	68	H	12	UJf
TPH - Weathered Diesel (C8-C26)	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
TPH - Diesel F-76 (C8-C28)	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
Motor Oil Range Organics	28	U	310	H	34	U	32	U	65	M	29	U	29	U	28	U	260	M	27	U	1400	M	29	U	170	M	28	U
Other Heavy TPH Components	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
I - Bunker Fuel (C10-C28)	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
OAs (mg/kg for soil, µg/L for water)																												
1,1,1-Trichloroethane	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
1,1,2,2-Tetrachloroethane	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
1,1,2-Trichloroethane	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
1,1-Dichloroethane	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
1,1-Dichloroethene	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
1,2-Dichlorobenzene	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
1,2-Dichloroethane	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
1,2-Dichloroethene (total)	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
1,2-Dichloropropane	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
1,3-Dichlorobenzene	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
1,4-Dichlorobenzene	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
2-Butanone	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
2-Hexanone	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
4-Methyl-2-Pentanone	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
Acetone	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
Benzene	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	

TABLE 4
SOIL DATA SUMMARY FOR SOUTH SHORELINE AREA

POINT NAME	EX10-4	EX10-5	EX10-7	EX10-8	EX10-9	EX10-10	EX10-11	EX10-13	EX10-14	EX10-15	EX10-16/17	EX10-18	EX10-19	EX10-20
SAMPLE DATE	28-Feb-00	1-Mar-00	15-Mar-00	15-Mar-00	16-Mar-00	16-Mar-00	17-Mar-00	21-Mar-00	21-Mar-00	21-Mar-00	21-Mar-00	22-Mar-00	23-Mar-00	23-Mar-00
SAMPLE DEPTH (ft.)	0.5	0.5	7	8	7	6.5	6	8	8	8	8	8	7	7
SAMPLE MEDIUM	soil	soil	soil	soil	soil	soil	soil	soil	soil	soil	soil	soil	soil	soil
Bromodichloromethane	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bromoform	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bromomethane	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Carbon Disulfide	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Carbon Tetrachloride	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chlorobenzene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloroethane	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloroform	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloromethane	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cis-1,2-Dichloroethene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cis-1,3-Dichloropropene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dibromochloromethane	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Ethylbenzene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methyl-T-Butyl-Ether	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methylene Chloride	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
O-Xylene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Styrene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Tetrachloroethene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Toluene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Trans-1,2-Dichloroethene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Trans-1,3-Dichloropropene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Trichloroethene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Vinyl Chloride	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Xylene (total)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOA (µg/kg for soil, µg/L for water)														
1-Methylnaphthalene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,4-Trichlorobenzene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dichlorobenzene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,3-Dichlorobenzene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,4-Dichlorobenzene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,2'-Oxybis(1-Chloropropane)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4,5-Trichlorophenol	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4,6-Trichlorophenol	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4-Dichlorophenol	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4-Dimethylphenol	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4-Dinitrophenol	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4-Dinitrotoluene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,6-Dinitrotoluene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

TABLE 4
SOIL DATA SUMMARY FOR SOUTH SHORELINE AREA

POINT NAME	EX10-4	EX10-5	EX10-7	EX10-8	EX10-9	EX10-10	EX10-11	EX10-13	EX10-14	EX10-15	EX10-16/17	EX10-18	EX10-19	EX10-20
SAMPLE DATE	28-Feb-00	1-Mar-00	15-Mar-00	15-Mar-00	16-Mar-00	16-Mar-00	17-Mar-00	21-Mar-00	21-Mar-00	21-Mar-00	21-Mar-00	22-Mar-00	23-Mar-00	23-Mar-00
SAMPLE DEPTH (ft.)	0.5	0.5	7	8	7	6.5	6	8	8	8	8	8	7	7
SAMPLE MEDIUM	soil	soil	soil	soil	soil	soil	soil	soil	soil	soil	soil	soil	soil	soil
2-Chloronaphthalene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Chlorophenol	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Methylnaphthalene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Methylphenol	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Nitroaniline	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Nitrophenol	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
3,3'-Dichlorobenzidine	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
3-Nitroaniline	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4,6-Dinitro-2-Methylphenol	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Bromophenyl-Phenylether	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Chloro-3-Methylphenol	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Chloroanoline	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Chlorophenyl-Phenylether	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Methylphenol	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Nitroanline	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Nitrophenol	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acenaphthene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acenaphthylene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Anthracene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(a)anthracene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(a)pyrene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(b)fluoranthene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(g,h,i)perylene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(k)fluoranthene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bis(2-Chloroethoxy)Methane	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bis(2-Chloroethyl)Ether	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bis(2-Ethylhexyl)Phthalate	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Butylbenzylphthalate	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Carbazole	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chrysene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
DI-N-Butylphthalate	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Di-N-Octylphthalate	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dibenzo(a,h)anthracene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dibenzofuran	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Diethylphthalate	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dimethylphthalate	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

TABLE 4
SOIL DATA SUMMARY FOR SOUTH SHORELINE AREA

POINT NAME	EX10-4	EX10-5	EX10-7	EX10-8	EX10-9	EX10-10	EX10-11	EX10-13	EX10-14	EX10-15	EX10-16/17	EX10-18	EX10-19	EX10-20
SAMPLE DATE	28-Feb-00	1-Mar-00	15-Mar-00	15-Mar-00	16-Mar-00	16-Mar-00	17-Mar-00	21-Mar-00	21-Mar-00	21-Mar-00	21-Mar-00	22-Mar-00	23-Mar-00	23-Mar-00
SAMPLE DEPTH (ft.)	0.5	0.5	7	8	7	6.5	6	8	8	8	8	8	7	7
SAMPLE MEDIUM	soil	soil	soil	soil	soil	soil	soil	soil	soil	soil	soil	soil	soil	soil
Fluoranthene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluorene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hexachlorobenzene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hexachlorobutadiene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hexachlorocyclopentadiene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hexachloroethane	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Indeno(1,2,3-cd)pyrene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Isophorone	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
N-Nitroso-Di-N-Propylamine	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
N-Nitrosodiphenylamine (1)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Naphthalene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nitrobenzene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pentachlorophenol	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Phenanthrene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Phenol	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pyrene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

TABLE 4
SOIL DATA SUMMARY FOR SOUTH SHORELINE AREA

POINT NAME	EX10-21		EX10-22		EX10-23		EX10-25		SB10-02				SB10-07		SB10-08		SB10-10		SB10-11	
SAMPLE DATE	23-Mar-00		28-Mar-00		28-Mar-00		28-Mar-00		1-Feb-94				3-Feb-94		3-Feb-94		4-Feb-94		7-Feb-94	
SAMPLE DEPTH (ft.)	7		6		5		4		6.5		9.5		8		5		7		5	
SAMPLE MEDIUM	soil		soil		soil		soil		soil				soil		soil		soil		soil	
TPH Purgeable																				
Gasoline (mg/kg for soil, µg/L for water)	0.073	UJg	0.023	U	0.53	UJg	0.022	U	45	U	43	U	21	U	1.1	U	1.2	U	1.3	U
Other Light TPH Components (mg/kg for soil, µg/L for water)	NA		NA		NA		NA		550	Y	830	Y	350	Y	1.1	U	1.2	U	1.3	U
MTBE (µg/kg for soil, µg/L for water)	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
Benzene (µg/kg for soil, µg/L for water)	NA		NA		NA		NA		220	U	220	U	110	U	6	U	6	U	6	U
Ethylbenzene (µg/kg for soil, µg/L for water)	NA		NA		NA		NA		220	U	220	U	110	U	6	U	6	U	6	U
Toluene (µg/kg for soil, µg/L for water)	NA		NA		NA		NA		220	U	220	U	110	U	6	U	14		6	U
Xylene (Total) (µg/kg for soil, µg/L for water)	NA		NA		NA		NA		220	U	220	U	110	U	6	U	6	U	6	U
TPH Extractable (mg/kg for soil, µg/L for water)																				
JP-4 Range Organics	NA		NA		NA		NA		11	UJc	22	U	21	U	1.1	U	1.2	U	1.3	U
JP-5 Range Organics	NA		NA		NA		NA		11	U	22	U	21	U	1.1	U	1.2	U	1.3	U
Diesel Range Organics	30	UJf	12	UJg	11	UJg	230	H	NA		NA		NA		NA		NA		NA	
TPH - Weathered Diesel (C8-C26)	NA		NA		NA		NA		2900		4700		21	U	1.1	U	1.2	U	1.3	U
TPH - Diesel F-76 (C8-C28)	NA		NA		NA		NA		11	U	22	U	21	U	1.1	UJc	1.2	U	1.3	U
Motor Oil Range Organics	37	M	29	U	26	U	550	M	NA		NA		NA		NA		NA		NA	
Other Heavy TPH Components	NA		NA		NA		NA		11	U	22	U	3300	X	1.1	U	240		1.3	U
TPH - Bunker Fuel (C10-C28)	NA		NA		NA		NA		110	U	220	U	210	U	11	U	12	U	13	U
VOAs (mg/kg for soil, µg/L for water)																				
1,1,1-Trichloroethane	NA		NA		NA		NA		NA		NA		0.011	U	NA		0.012	U	0.013	U
1,1,2,2-Tetrachloroethane	NA		NA		NA		NA		NA		NA		0.011	U	NA		0.012	U	NA	
1,1,2-Trichloroethane	NA		NA		NA		NA		NA		NA		0.011	U	NA		0.012	U	0.013	U
1,1-Dichloroethane	NA		NA		NA		NA		NA		NA		0.011	U	NA		0.012	U	0.013	U
1,1-Dichloroethene	NA		NA		NA		NA		NA		NA		0.011	U	NA		0.012	U	0.013	U
1,2-Dichlorobenzene	NA		NA		NA		NA		NA		NA		NA		NA		NA		0.013	U
1,2-Dichloroethane	NA		NA		NA		NA		NA		NA		0.011	U	NA		0.012	U	NA	
1,2-Dichloroethene (total)	NA		NA		NA		NA		NA		NA		0.011	U	NA		0.012	U	0.013	U
1,2-Dichloropropane	NA		NA		NA		NA		NA		NA		0.011	U	NA		0.012	U	0.013	U
1,3-Dichlorobenzene	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
1,4-Dichlorobenzene	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
2-Butanone	NA		NA		NA		NA		NA		NA		0.011	U	NA		0.012	U	0.013	UJb
2-Hexanone	NA		NA		NA		NA		NA		NA		0.011	U	NA		0.012	U	0.013	U
4-Methyl-2-Pentanone	NA		NA		NA		NA		NA		NA		0.011	U	NA		0.012	U	0.013	U
Acetone	NA		NA		NA		NA		NA		NA		0.018	UJb	NA		0.012	Ub	0.040	UJb
Benzene	NA		NA		NA		NA		NA		NA		0.011	U	NA		0.012	U	0.013	U

TABLE 4
SOIL DATA SUMMARY FOR SOUTH SHORELINE AREA

POINT NAME	EX10-21		EX10-22		EX10-23		EX10-25		SB10-02		SB10-02		SB10-07		SB10-08		SB10-10		SB10-11	
SAMPLE DATE	23-Mar-00		28-Mar-00		28-Mar-00		28-Mar-00		1-Feb-94		1-Feb-94		3-Feb-94		3-Feb-94		4-Feb-94		7-Feb-94	
SAMPLE DEPTH (ft.)	7		6		5		4		6.5		9.5		8		5		7		5	
SAMPLE MEDIUM	soil		soil		soil		soil		soil				soil		soil		soil		soil	
Bromodichloromethane	NA		NA		NA		NA		NA		NA		0.011	U	NA		0.012	U	0.013	U
Bromoform	NA		NA		NA		NA		NA		NA		0.011	U	NA		0.012	U	0.013	U
Bromomethane	NA		NA		NA		NA		NA		NA		0.011	U	NA		0.012	U	0.013	U
Carbon Disulfide	NA		NA		NA		NA		NA		NA		0.011	U	NA		0.012	U	0.013	U
Carbon Tetrachloride	NA		NA		NA		NA		NA		NA		0.011	U	NA		0.012	U	0.013	U
Chlorobenzene	NA		NA		NA		NA		NA		NA		0.011	U	NA		0.012	U	0.013	U
Chloroethane	NA		NA		NA		NA		NA		NA		0.011	U	NA		0.012	U	0.013	U
Chloroform	NA		NA		NA		NA		NA		NA		0.011	U	NA		0.012	U	0.013	U
Chloromethane	NA		NA		NA		NA		NA		NA		0.011	U	NA		0.012	U	0.013	U
Cis-1,2-Dichloroethene	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
Cis-1,3-Dichloropropene	NA		NA		NA		NA		NA		NA		0.011	U	NA		0.012	U	0.013	U
Dibromochloromethane	NA		NA		NA		NA		NA		NA		0.011	U	NA		0.012	U	0.013	U
Ethylbenzene	NA		NA		NA		NA		NA		NA		0.011	U	NA		0.012	U	0.013	U
Methyl-T-Butyl-Ether	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
Methylene Chloride	NA		NA		NA		NA		NA		NA		0.011	Ub	NA		0.012	U	0.013	Ub
O-Xylene	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
Styrene	NA		NA		NA		NA		NA		NA		0.011	U	NA		0.012	U	0.013	U
Tetrachloroethene	NA		NA		NA		NA		NA		NA		0.011	U	NA		0.012	U	0.013	U
Toluene	NA		NA		NA		NA		NA		NA		0.017		NA		0.007	J	0.013	U
Trans-1,2-Dichloroethene	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
Trans-1,3-Dichloropropene	NA		NA		NA		NA		NA		NA		0.011	U	NA		0.012	U	0.013	U
Trichloroethene	NA		NA		NA		NA		NA		NA		0.011	U	NA		0.012	U	0.013	U
Vinyl Chloride	NA		NA		NA		NA		NA		NA		0.011	U	NA		0.012	U	0.013	U
Xylene (total)	NA		NA		NA		NA		NA		NA		0.011	U	NA		0.012	U	0.013	U
SVOA (µg/kg for soil, µg/L for water)																				
1-Methylnaphthalene	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
1,2,4-Trichlorobenzene	NA		NA		NA		NA		NA		NA		350	U	NA		390	U	420	U
1,2-Dichlorobenzene	NA		NA		NA		NA		NA		NA		350	U	NA		390	U	420	U
1,3-Dichlorobenzene	NA		NA		NA		NA		NA		NA		350	U	NA		390	U	420	U
1,4-Dichlorobenzene	NA		NA		NA		NA		NA		NA		350	U	NA		390	U	420	U
2,2'-Oxybis(1-Chloropropane)	NA		NA		NA		NA		NA		NA		350	U	NA		390	UJc	420	U
2,4,5-Trichlorophenol	NA		NA		NA		NA		NA		NA		850	U	NA		940	U	1000	U
2,4,6-Trichlorophenol	NA		NA		NA		NA		NA		NA		350	U	NA		390	U	420	U
2,4-Dichlorophenol	NA		NA		NA		NA		NA		NA		350	U	NA		390	U	420	U
2,4-Dimethylphenol	NA		NA		NA		NA		NA		NA		350	U	NA		390	U	420	UJc
2,4-Dinitrophenol	NA		NA		NA		NA		NA		NA		850	U	NA		940	U	1000	U
2,4-Dinitrotoluene	NA		NA		NA		NA		NA		NA		350	U	NA		390	U	420	U
2,6-Dinitrotoluene	NA		NA		NA		NA		NA		NA		350	U	NA		390	U	420	U

TABLE 4
SOIL DATA SUMMARY FOR SOUTH SHORELINE AREA

POINT NAME	EX10-21		EX10-22		EX10-23		EX10-25		SB10-02				SB10-07		SB10-08		SB10-10		SB10-11	
SAMPLE DATE	23-Mar-00		28-Mar-00		28-Mar-00		28-Mar-00		1-Feb-94				3-Feb-94		3-Feb-94		4-Feb-94		7-Feb-94	
SAMPLE DEPTH (ft.)	7		6		5		4		6.5		9.5		8		5		7		5	
SAMPLE MEDIUM	soil		soil		soil		soil		soil				soil		soil		soil		soil	
2-Chloronaphthalene	NA		NA		NA		NA		NA		NA		350	U	NA		390	U	420	U
2-Chlorophenol	NA		NA		NA		NA		NA		NA		350	U	NA		390	U	420	U
2-Methylnaphthalene	NA		NA		NA		NA		NA		NA		5500	D	NA		390	U	420	U
2-Methylphenol	NA		NA		NA		NA		NA		NA		350	U	NA		390	U	420	UJc
2-Nitroaniline	NA		NA		NA		NA		NA		NA		850	U	NA		940	U	1000	U
2-Nitrophenol	NA		NA		NA		NA		NA		NA		350	U	NA		390	U	420	U
3,3'-Dichlorobenzidine	NA		NA		NA		NA		NA		NA		350	UJc	NA		390	U	420	U
3-Nitroaniline	NA		NA		NA		NA		NA		NA		850	UJc	NA		940	U	1000	U
4,6-Dinitro-2-Methylphenol	NA		NA		NA		NA		NA		NA		850	U	NA		940	U	1000	U
4-Bromophenyl-Phenylether	NA		NA		NA		NA		NA		NA		350	U	NA		390	U	420	U
4-Chloro-3-Methylphenol	NA		NA		NA		NA		NA		NA		350	U	NA		390	U	420	U
4-Chloroanoline	NA		NA		NA		NA		NA		NA		350	U	NA		390	U	420	U
4-Chlorophenyl-Phenylether	NA		NA		NA		NA		NA		NA		350	U	NA		390	U	420	U
4-Methylphenol	NA		NA		NA		NA		NA		NA		350	U	NA		390	U	420	U
4-Nitroanline	NA		NA		NA		NA		NA		NA		850	U	NA		940	U	1000	U
4-Nitrophenol	NA		NA		NA		NA		NA		NA		850	U	NA		940	U	1000	U
Acenaphthene	NA		NA		NA		NA		NA		NA		960		NA		390	U	420	U
Acenaphthylene	NA		NA		NA		NA		NA		NA		350	U	NA		390	U	420	U
Anthracene	NA		NA		NA		NA		NA		NA		350	U	NA		390	U	420	U
Benzo(a)anthracene	NA		NA		NA		NA		NA		NA		270	J	NA		390	U	420	U
Benzo(a)pyrene	NA		NA		NA		NA		NA		NA		86	J	NA		390	U	420	U
Benzo(b)fluoranthene	NA		NA		NA		NA		NA		NA		51	J	NA		390	U	420	U
Benzo(g,h,i)perylene	NA		NA		NA		NA		NA		NA		350	U	NA		390	U	420	U
Benzo(k)fluoranthene	NA		NA		NA		NA		NA		NA		350	U	NA		390	U	420	U
Bis(2-Chloroethoxy)Methane	NA		NA		NA		NA		NA		NA		350	U	NA		390	U	420	U
Bis(2-Chloroethyl)Ether	NA		NA		NA		NA		NA		NA		350	U	NA		390	U	420	U
Bis(2-Ethylhexyl)Phthalate	NA		NA		NA		NA		NA		NA		350	Ub	NA		390	UJb,c	420	Ub
Butylbenzylphthalate	NA		NA		NA		NA		NA		NA		350	UJc	NA		390	UJc	420	U
Carbazole	NA		NA		NA		NA		NA		NA		350	U	NA		390	U	420	U
Chrysene	NA		NA		NA		NA		NA		NA		370		NA		25	J	420	U
DI-N-Butylphthalate	NA		NA		NA		NA		NA		NA		350	U	NA		390	U	420	U
Di-N-Octylphthalate	NA		NA		NA		NA		NA		NA		350	UJc	NA		390	UJc	420	U
Dibenzo(a,h)anthracene	NA		NA		NA		NA		NA		NA		350	U	NA		390	U	420	U
Dibenzofuran	NA		NA		NA		NA		NA		NA		350	U	NA		390	U	420	U
Diethylphthalate	NA		NA		NA		NA		NA		NA		350	U	NA		390	U	420	U
Dimethylphthalate	NA		NA		NA		NA		NA		NA		350	U	NA		390	U	420	U

TABLE 4
SOIL DATA SUMMARY FOR SOUTH SHORELINE AREA

POINT NAME	EX10-21		EX10-22		EX10-23		EX10-25		SB10-02		SB10-02		SB10-07		SB10-08		SB10-10		SB10-11	
SAMPLE DATE	23-Mar-00		28-Mar-00		28-Mar-00		28-Mar-00		1-Feb-94		1-Feb-94		3-Feb-94		3-Feb-94		4-Feb-94		7-Feb-94	
SAMPLE DEPTH (ft.)	7		6		5		4		6.5		9.5		8		5		7		5	
SAMPLE MEDIUM	soil		soil		soil		soil		soil				soil		soil		soil		soil	
Fluoranthene	NA		NA		NA		NA		NA		NA		140	J	NA		390	U	420	U
Fluorene	NA		NA		NA		NA		NA		NA		1000		NA		390	U	420	U
Hexachlorobenzene	NA		NA		NA		NA		NA		NA		350	U	NA		390	U	420	U
Hexachlorobutadiene	NA		NA		NA		NA		NA		NA		350	U	NA		390	U	420	U
Hexachlorocyclopentadiene	NA		NA		NA		NA		NA		NA		350	U	NA		390	U	420	U
Hexachloroethane	NA		NA		NA		NA		NA		NA		350	U	NA		390	U	420	U
Indeno(1,2,3-cd)pyrene	NA		NA		NA		NA		NA		NA		350	U	NA		390	U	420	U
Isophorone	NA		NA		NA		NA		NA		NA		350	U	NA		390	U	420	U
N-Nitroso-Di-N-Propylamine	NA		NA		NA		NA		NA		NA		350	U	NA		390	U	420	U
N-Nitrosodiphenylamine (1)	NA		NA		NA		NA		NA		NA		350	U	NA		390	U	420	U
Naphthalene	NA		NA		NA		NA		NA		NA		350	U	NA		390	U	420	U
Nitrobenzene	NA		NA		NA		NA		NA		NA		350	U	NA		390	U	420	U
Pentachlorophenol	NA		NA		NA		NA		NA		NA		850	U	NA		940	U	1000	U
Phenanthrene	NA		NA		NA		NA		NA		NA		3500	D	NA		390	U	420	U
Phenol	NA		NA		NA		NA		NA		NA		350	U	NA		390	U	420	U
Pyrene	NA		NA		NA		NA		NA		NA		680		NA		16	Jc	420	U

TABLE 4
SOIL DATA SUMMARY FOR SOUTH SHORELINE AREA

POINT NAME	SB10-12				SB10-13		SB10-14		SSPB-01		SSPB02		SSPB03		SSPB04		SSPB05		SSPB06		SSPB07	
SAMPLE DATE	7-Feb-94				8-Feb-94		8-Feb-94		12-Nov-98		11-Nov-98		11-Nov-98		11-Nov-98		11-Nov-98		11-Nov-98		11-Nov-98	
SAMPLE DEPTH (ft.)	6.9		8.2		6		8.6		0		0		0		0		0		0		0	
SAMPLE MEDIUM	soil				soil		soil		soil		soil		soil		soil		soil		soil		soil	
TPH Purgeable																						
Gasoline (mg/kg for soil, µg/L for water)	1.3	U	1.1	U	1.2	U	1.2	U	0.78	U	0.56	U	0.56	U	0.57	U	0.56	U	0.55	U	0.55	U
Other Light TPH Components (mg/kg for soil, µg/L for water)	1.3	U	1.1	U	1.2	U	1.2	U	NA		NA		NA		NA		NA		NA		NA	
MTBE (µg/kg for soil, µg/L for water)	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
Benzene (µg/kg for soil, µg/L for water)	7	U	6	U	6	U	6	U	NA		NA		NA		NA		NA		NA		NA	
Ethylbenzene (µg/kg for soil, µg/L for water)	7	U	6	U	6	U	6	U	NA		NA		NA		NA		NA		NA		NA	
Toluene (µg/kg for soil, µg/L for water)	7	U	6	U	6	U	6	U	NA		NA		NA		NA		NA		NA		NA	
Xylene (Total) (µg/kg for soil, µg/L for water)	7	U	6	U	6	U	6	U	NA		NA		NA		NA		NA		NA		NA	
TPH Extractable (mg/kg for soil, µg/L for water)																						
JP-4 Range Organics	1.3	U	1.1	U	1.2	U	1.2	U	NA		NA		NA		NA		NA		NA		NA	
JP-5 Range Organics	1.3	U	1.1	U	1.2	U	1.2	U	NA		NA		NA		NA		NA		NA		NA	
Diesel Range Organics	NA		NA		NA		NA		16	UJ	11	U	11	U	11	U	11	U	5	J	98	Z
TPH - Weathered Diesel (C8-C26)	1.3	U	1.1	U	1.2	U	1.2	U	NA		NA		NA		NA		NA		NA		NA	
TPH - Diesel F-76 (C8-C28)	1.3	U	1.1	U	1.2	U	1.2	U	NA		NA		NA		NA		NA		NA		NA	
Motor Oil Range Organics	NA		NA		NA		NA		220	Y	427		10	J	304	Y	294	Y	13	Y	95	Y
Other Heavy TPH Components	1.3	U	1.1	U	1.2	U	1.2	U	NA		NA		NA		NA		NA		NA		NA	
TPH - Bunker Fuel (C10-C28)	13	U	11	U	12	U	12	U	NA		NA		NA		NA		NA		NA		NA	
VOAs (mg/kg for soil, µg/L for water)																						
1,1,1-Trichloroethane	NA		0.011	UJh	0.012	U	0.012	U	NA		NA		NA		NA		NA		NA		NA	
1,1,2,2-Tetrachloroethane	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
1,1,2-Trichloroethane	NA		0.011	UJh	0.012	U	0.012	U	NA		NA		NA		NA		NA		NA		NA	
1,1-Dichloroethane	NA		0.011	UJh	0.012	U	0.012	U	NA		NA		NA		NA		NA		NA		NA	
1,1-Dichloroethene	NA		0.011	UJh	0.012	U	0.012	U	NA		NA		NA		NA		NA		NA		NA	
1,2-Dichlorobenzene	NA		0.011	UJh	0.012	U	0.012	U	NA		NA		NA		NA		NA		NA		NA	
1,2-Dichloroethane	NA		NA		NA		NA		0.26	U	0.73	U	0.037	U	0.038	U	1.5	U	0.037	U	0.18	U
1,2-Dichloroethene (total)	NA		0.011	UJh	0.012	U	0.012	U	NA		NA		NA		NA		NA		NA		NA	
1,2-Dichloropropane	NA		0.011	UJh	0.012	U	0.012	U	NA		NA		NA		NA		NA		NA		NA	
1,3-Dichlorobenzene	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
1,4-Dichlorobenzene	NA		NA		NA		NA		0.26	U	0.73	U	0.037	U	0.038	U	1.5	U	0.037	U	0.18	U
2-Butanone	NA		0.015	UJb,h	0.012	U	0.012	U	0.26	U	0.73	U	0.037	U	0.038	U	1.5	U	0.037	U	0.18	U
2-Hexanone	NA		0.011	UJh	0.012	U	0.012	U	NA		NA		NA		NA		NA		NA		NA	
4-Methyl-2-Pentanone	NA		0.011	UJb,h	0.012	U	0.012	U	NA		NA		NA		NA		NA		NA		NA	
Acetone	NA		0.059	UJb,h	0.011	Ub	0.012	Ub	NA		NA		NA		NA		NA		NA		NA	
Benzene	NA		0.011	UJh	0.012	U	0.012	U	NA		NA		NA		NA		NA		NA		NA	

TABLE 4
SOIL DATA SUMMARY FOR SOUTH SHORELINE AREA

POINT NAME	SB10-12		SB10-13		SB10-14		SSPB-01		SSPB02		SSPB03		SSPB04		SSPB05		SSPB06		SSPB07	
SAMPLE DATE	7-Feb-94		8-Feb-94		8-Feb-94		12-Nov-98		11-Nov-98		11-Nov-98		11-Nov-98		11-Nov-98		11-Nov-98		11-Nov-98	
SAMPLE DEPTH (ft.)	6.9	8.2	6		8.6		0		0		0		0		0		0		0	
SAMPLE MEDIUM	soil		soil		soil		soil		soil		soil		soil		soil		soil		soil	
Bromodichloromethane	NA	0.011 UJh	0.012	U	0.012	U	NA		NA		NA		NA		NA		NA		NA	
Bromoform	NA	0.011 UJc,h	0.012	U	0.012	U	NA		NA		NA		NA		NA		NA		NA	
Bromomethane	NA	0.011 UJh	0.012	U	0.012	U	NA		NA		NA		NA		NA		NA		NA	
Carbon Disulfide	NA	0.011 UJh	0.012	U	0.012	U	NA		NA		NA		NA		NA		NA		NA	
Carbon Tetrachloride	NA	0.011 UJh	0.012	U	0.012	U	NA		NA		NA		NA		NA		NA		NA	
Chlorobenzene	NA	0.011 UJh	0.012	U	0.012	U	NA		NA		NA		NA		NA		NA		NA	
Chloroethane	NA	0.011 UJh	0.012	U	0.012	U	NA		NA		NA		NA		NA		NA		NA	
Chloroform	NA	0.011 UJh	0.012	U	0.012	U	NA		NA		NA		NA		NA		NA		NA	
Chloromethane	NA	0.011 UJh	0.012	U	0.012	U	NA		NA		NA		NA		NA		NA		NA	
Cis-1,2-Dichloroethene	NA	NA	NA		NA		NA		NA		NA		NA		NA		NA		NA	
Cis-1,3-Dichloropropene	NA	0.011 UJh	0.012	U	0.012	U	NA		NA		NA		NA		NA		NA		NA	
Dibromochloromethane	NA	0.011 UJh	0.012	U	0.012	U	NA		NA		NA		NA		NA		NA		NA	
Ethylbenzene	NA	0.011 UJh	0.012	U	0.012	U	NA		NA		NA		NA		NA		NA		NA	
Methyl-T-Butyl-Ether	NA	NA	NA		NA		NA		NA		NA		NA		NA		NA		NA	
Methylene Chloride	NA	0.011 UJh	0.012	Ub	0.012	Ub	NA		NA		NA		NA		NA		NA		NA	
O-Xylene	NA	NA	NA		NA		NA		NA		NA		NA		NA		NA		NA	
Styrene	NA	0.011 UJh	0.012	U	0.012	U	NA		NA		NA		NA		NA		NA		NA	
Tetrachloroethene	NA	0.011 UJh	0.012	U	0.012	U	NA		NA		NA		NA		NA		NA		NA	
Toluene	NA	0.011 UJh	0.012	U	0.012	U	NA		NA		NA		NA		NA		NA		NA	
Trans-1,2-Dichloroethene	NA	NA	NA		NA		NA		NA		NA		NA		NA		NA		NA	
Trans-1,3-Dichloropropene	NA	0.011 UJh	0.012	U	0.012	U	NA		NA		NA		NA		NA		NA		NA	
Trichloroethene	NA	0.011 UJh	0.012	U	0.012	U	NA		NA		NA		NA		NA		NA		NA	
Vinyl Chloride	NA	0.011 UJh	0.012	U	0.012	U	NA		NA		NA		NA		NA		NA		NA	
Xylene (total)	NA	0.011 UJh	0.012	U	0.012	U	NA		NA		NA		NA		NA		NA		NA	
SVOA (µg/kg for soil, µg/L for water)																				
1-Methylnaphthalene	NA	NA	NA		NA		NA		NA		NA		NA		NA		NA		NA	
1,2,4-Trichlorobenzene	NA	370 U	390	U	380	U	NA		NA		NA		NA		NA		NA		NA	
1,2-Dichlorobenzene	NA	370 U	390	U	380	U	NA		NA		NA		NA		NA		NA		NA	
1,3-Dichlorobenzene	NA	370 U	390	U	380	U	NA		NA		NA		NA		NA		NA		NA	
1,4-Dichlorobenzene	NA	370 U	390	U	380	U	NA		NA		NA		NA		NA		NA		NA	
2,2'-Oxybis(1-Chloropropane)	NA	370 U	390	U	380	U	NA		NA		NA		NA		NA		NA		NA	
2,4,5-Trichlorophenol	NA	890 U	950	U	930	U	NA		NA		NA		NA		NA		NA		NA	
2,4,6-Trichlorophenol	NA	370 U	390	U	380	U	NA		NA		NA		NA		NA		NA		NA	
2,4-Dichlorophenol	NA	370 U	390	U	380	U	NA		NA		NA		NA		NA		NA		NA	
2,4-Dimethylphenol	NA	370 UJc	390	U	380	UJc	NA		NA		NA		NA		NA		NA		NA	
2,4-Dinitrophenol	NA	890 U	950	U	930	U	NA		NA		NA		NA		NA		NA		NA	
2,4-Dinitrotoluene	NA	370 U	390	U	380	U	NA		NA		NA		NA		NA		NA		NA	
2,6-Dinitrotoluene	NA	370 U	390	U	380	U	NA		NA		NA		NA		NA		NA		NA	

TABLE 4
SOIL DATA SUMMARY FOR SOUTH SHORELINE AREA

POINT NAME	SB10-12			SB10-13		SB10-14		SSPB-01		SSPB02		SSPB03		SSPB04		SSPB05		SSPB06		SSPB07	
SAMPLE DATE	7-Feb-94			8-Feb-94		8-Feb-94		12-Nov-98		11-Nov-98		11-Nov-98		11-Nov-98		11-Nov-98		11-Nov-98		11-Nov-98	
SAMPLE DEPTH (ft.)	6.9	8.2		6		8.6		0		0		0		0		0		0		0	
SAMPLE MEDIUM	soil			soil		soil		soil		soil		soil		soil		soil		soil		soil	
2-Chloronaphthalene	NA	370	U	390	U	380	U	NA		NA		NA		NA		NA		NA		NA	
2-Chlorophenol	NA	370	U	390	U	380	U	NA		NA		NA		NA		NA		NA		NA	
2-Methylnaphthalene	NA	370	U	390	U	380	U	NA		NA		NA		NA		NA		NA		NA	
2-Methylphenol	NA	370	UJc	390	U	380	UJc	NA		NA		NA		NA		NA		NA		NA	
2-Nitroaniline	NA	890	U	950	U	930	U	NA		NA		NA		NA		NA		NA		NA	
2-Nitrophenol	NA	370	U	390	U	380	U	NA		NA		NA		NA		NA		NA		NA	
3,3'-Dichlorobenzidine	NA	370	U	390	U	380	U	NA		NA		NA		NA		NA		NA		NA	
3-Nitroaniline	NA	890	U	950	U	930	U	NA		NA		NA		NA		NA		NA		NA	
4,6-Dinitro-2-Methylphenol	NA	890	U	950	U	930	U	NA		NA		NA		NA		NA		NA		NA	
4-Bromophenyl-Phenylether	NA	370	U	390	U	380	U	NA		NA		NA		NA		NA		NA		NA	
4-Chloro-3-Methylphenol	NA	370	U	390	U	380	U	NA		NA		NA		NA		NA		NA		NA	
4-Chloroanoline	NA	370	U	390	U	380	U	NA		NA		NA		NA		NA		NA		NA	
4-Chlorophenyl-Phenylether	NA	370	U	390	U	380	U	NA		NA		NA		NA		NA		NA		NA	
4-Methylphenol	NA	370	U	390	U	380	U	NA		NA		NA		NA		NA		NA		NA	
4-Nitroanline	NA	890	U	950	U	930	U	NA		NA		NA		NA		NA		NA		NA	
4-Nitrophenol	NA	890	U	950	U	930	U	NA		NA		NA		NA		NA		NA		NA	
Acenaphthene	NA	370	U	390	U	380	U	NA		NA		NA		NA		NA		NA		NA	
Acenaphthylene	NA	370	U	390	U	380	U	NA		NA		NA		NA		NA		NA		NA	
Anthracene	NA	370	U	390	U	380	U	NA		NA		NA		NA		NA		NA		NA	
Benzo(a)anthracene	NA	370	U	390	U	380	U	NA		NA		NA		NA		NA		NA		NA	
Benzo(a)pyrene	NA	370	U	390	U	380	U	NA		NA		NA		NA		NA		NA		NA	
Benzo(b)fluoranthene	NA	370	U	390	U	380	U	NA		NA		NA		NA		NA		NA		NA	
Benzo(g,h,i)perylene	NA	370	U	390	U	380	U	NA		NA		NA		NA		NA		NA		NA	
Benzo(k)fluoranthene	NA	370	U	390	U	380	U	NA		NA		NA		NA		NA		NA		NA	
Bis(2-Chloroethoxy)Methane	NA	370	U	390	U	380	U	NA		NA		NA		NA		NA		NA		NA	
Bis(2-Chloroethyl)Ether	NA	370	U	390	U	380	U	NA		NA		NA		NA		NA		NA		NA	
Bis(2-Ethylhexyl)Phthalate	NA	370	Ub	390	Ub	380	Ub	NA		NA		NA		NA		NA		NA		NA	
Butylbenzylphthalate	NA	370	U	390	U	380	U	NA		NA		NA		NA		NA		NA		NA	
Carbazole	NA	370	U	390	U	380	U	NA		NA		NA		NA		NA		NA		NA	
Chrysene	NA	370	U	390	U	380	U	NA		NA		NA		NA		NA		NA		NA	
DI-N-Butylphthalate	NA	370	U	390	U	380	U	NA		NA		NA		NA		NA		NA		NA	
Di-N-Octylphthalate	NA	370	U	390	U	380	U	NA		NA		NA		NA		NA		NA		NA	
Dibenzo(a,h)anthracene	NA	370	U	390	U	380	U	NA		NA		NA		NA		NA		NA		NA	
Dibenzofuran	NA	370	U	390	U	380	U	NA		NA		NA		NA		NA		NA		NA	
Diethylphthalate	NA	370	U	390	U	380	U	NA		NA		NA		NA		NA		NA		NA	
Dimethylphthalate	NA	370	U	390	U	380	U	NA		NA		NA		NA		NA		NA		NA	

TABLE 4
SOIL DATA SUMMARY FOR SOUTH SHORELINE AREA

POINT NAME	SB10-12				SB10-13		SB10-14		SSPB-01		SSPB02		SSPB03		SSPB04		SSPB05		SSPB06		SSPB07	
SAMPLE DATE	7-Feb-94				8-Feb-94		8-Feb-94		12-Nov-98		11-Nov-98		11-Nov-98		11-Nov-98		11-Nov-98		11-Nov-98		11-Nov-98	
SAMPLE DEPTH (ft.)	6.9		8.2		6		8.6		0		0		0		0		0		0		0	
SAMPLE MEDIUM	soil				soil		soil		soil		soil		soil		soil		soil		soil		soil	
Fluoranthene	NA		370	U	390	U	380	U	NA		NA		NA		NA		NA		NA		NA	
Fluorene	NA		370	U	390	U	380	U	NA		NA		NA		NA		NA		NA		NA	
Hexachlorobenzene	NA		370	U	390	U	380	U	NA		NA		NA		NA		NA		NA		NA	
Hexachlorobutadiene	NA		370	U	390	U	380	U	NA		NA		NA		NA		NA		NA		NA	
Hexachlorocyclopentadiene	NA		370	U	390	U	380	U	NA		NA		NA		NA		NA		NA		NA	
Hexachloroethane	NA		370	U	390	U	380	U	NA		NA		NA		NA		NA		NA		NA	
Indeno(1,2,3-cd)pyrene	NA		370	U	390	U	380	U	NA		NA		NA		NA		NA		NA		NA	
Isophorone	NA		370	U	390	U	380	U	NA		NA		NA		NA		NA		NA		NA	
N-Nitroso-Di-N-Propylamine	NA		370	U	390	U	380	U	NA		NA		NA		NA		NA		NA		NA	
N-Nitrosodiphenylamine (1)	NA		370	U	390	U	34	J	NA		NA		NA		NA		NA		NA		NA	
Naphthalene	NA		370	U	390	U	380	U	NA		NA		NA		NA		NA		NA		NA	
Nitrobenzene	NA		370	U	390	U	380	U	NA		NA		NA		NA		NA		NA		NA	
Pentachlorophenol	NA		890	U	950	U	930	U	NA		NA		NA		NA		NA		NA		NA	
Phenanthrene	NA		370	U	390	U	380	U	NA		NA		NA		NA		NA		NA		NA	
Phenol	NA		370	U	390	U	380	U	NA		NA		NA		NA		NA		NA		NA	
Pyrene	NA		370	U	390	U	380	U	NA		NA		NA		NA		NA		NA		NA	

TABLE 4
SOIL DATA SUMMARY FOR SOUTH SHORELINE AREA

POINT NAME	SSPB08	
SAMPLE DATE	11-Nov-98	
SAMPLE DEPTH (ft.)	0	
SAMPLE MEDIUM	soil	
TPH Purgeable		
Gasoline (mg/kg for soil, µg/L for water)	0.59	U
Other Light TPH Components (mg/kg for soil, µg/L for water)	NA	
MTBE (µg/kg for soil, µg/L for water)	NA	
Benzene (µg/kg for soil, µg/L for water)	NA	
Ethylbenzene (µg/kg for soil, µg/L for water)	NA	
Toluene (µg/kg for soil, µg/L for water)	NA	
Xylene (Total) (µg/kg for soil, µg/L for water)	NA	
TPH Extractable (mg/kg for soil, µg/L for water)		
JP-4 Range Organics	NA	
JP-5 Range Organics	NA	
Diesel Range Organics	247	Z
TPH - Weathered Diesel (C8-C26)	NA	
TPH - Diesel F-76 (C8-C28)	NA	
Motor Oil Range Organics	277	Y
Other Heavy TPH Components	NA	
TPH - Bunker Fuel (C10-C28)	NA	
VOAs (mg/kg for soil, µg/L for water)		
1,1,1-Trichloroethane	NA	
1,1,2,2-Tetrachloroethane	NA	
1,1,2-Trichloroethane	NA	
1,1-Dichloroethane	NA	
1,1-Dichloroethene	NA	
1,2-Dichlorobenzene	NA	
1,2-Dichloroethane	2	U
1,2-Dichloroethene (total)	NA	
1,2-Dichloropropane	NA	
1,3-Dichlorobenzene	NA	
1,4-Dichlorobenzene	2	U
2-Butanone	2	U
2-Hexanone	NA	
4-Methyl-2-Pentanone	NA	
Acetone	NA	
Benzene	NA	

Notes:

NA	Not analyzed
PAH	Polynuclear aromatic hydrocarbon
TPH	Total petroleum hydrocarbon
SVOA	Semivolatile Organic Analysis
VOAs	Volatile Organic Analysis
mg/kg	Milligrams per kilogram
µg/kg	Micrograms per kilogram
µg/L	Micrograms per liter

Data Validation Qualifiers

B	Analyte present in associated blank as well as in sample
D	Sample was diluted
H	Pattern is in the heavier hycrocarbon range
M	Fuel pattern resembles motor oil
J	Estimated detected result
U	Nondetected result
UJ	Estimated nondetected result
Y	Mixture in JP-5 and diesel ranges; Or mixture in JP-5 range Chromatograph response did not resemble a typical fuel pattern Or fuel pattern does not match standard
Z	Not a typical gas pattern; most of the peaks in the chromatogram correspond to the heavier portion of the chain. Or no fuel pattern (individual peaks only)
X	Other specific flags may be required to properly qualify the results

Data Validation Qualifier Codes

a	Surrogate recovery exceeded
b	Laboratory method blank and common blank contamination
c	Calibration exceeded
e	Matrix spike/laboratory control sample (LCS) recovery was exceeded
f	Field blank contamination
g	Qualification below reporting limit
h	Holding time exceeded

TABLE 4
SOIL DATA SUMMARY FOR SOUTH SHORELINE AREA

POINT NAME	SSPB08	
SAMPLE DATE	11-Nov-98	
SAMPLE DEPTH (ft.)	0	
SAMPLE MEDIUM	soil	
Bromodichloromethane	NA	
Bromoform	NA	
Bromomethane	NA	
Carbon Disulfide	NA	
Carbon Tetrachloride	NA	
Chlorobenzene	NA	
Chloroethane	NA	
Chloroform	NA	
Chloromethane	NA	
Cis-1,2-Dichloroethene	NA	
Cis-1,3-Dichloropropene	NA	
Dibromochloromethane	NA	
Ethylbenzene	NA	
Methyl-T-Butyl-Ether	NA	
Methylene Chloride	NA	
O-Xylene	NA	
Styrene	NA	
Tetrachloroethene	NA	
Toluene	NA	
Trans-1,2-Dichloroethene	NA	
Trans-1,3-Dichloropropene	NA	
Trichloroethene	NA	
Vinyl Chloride	NA	
Xylene (total)	NA	
SVOA (µg/kg for soil, µg/L for water)		
1-Methylnaphthalene	NA	
1,2,4-Trichlorobenzene	NA	
1,2-Dichlorobenzene	NA	
1,3-Dichlorobenzene	NA	
1,4-Dichlorobenzene	NA	
2,2'-Oxybis(1-Chloropropane)	NA	
2,4,5-Trichlorophenol	NA	
2,4,6-Trichlorophenol	NA	
2,4-Dichlorophenol	NA	
2,4-Dimethylphenol	NA	
2,4-Dinitrophenol	NA	
2,4-Dinitrotoluene	NA	
2,6-Dinitrotoluene	NA	

Notes:

NA	Not analyzed
PAH	Polynuclear aromatic hydrocarbon
TPH	Total petroleum hydrocarbon
SVOA	Semivolatile Organic Analysis
VOAs	Volatile Organic Analysis
mg/kg	Milligrams per kilogram
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TABLE 4
SOIL DATA SUMMARY FOR SOUTH SHORELINE AREA

POINT NAME	SSPB08	
SAMPLE DATE	11-Nov-98	
SAMPLE DEPTH (ft.)	0	
SAMPLE MEDIUM	soil	
2-Chloronaphthalene	NA	
2-Chlorophenol	NA	
2-Methylnaphthalene	NA	
2-Methylphenol	NA	
2-Nitroaniline	NA	
2-Nitrophenol	NA	
3,3'-Dichlorobenzidine	NA	
3-Nitroaniline	NA	
4,6-Dinitro-2-Methylphenol	NA	
4-Bromophenyl-Phenylether	NA	
4-Chloro-3-Methylphenol	NA	
4-Chloroanoline	NA	
4-Chlorophenyl-Phenylether	NA	
4-Methylphenol	NA	
4-Nitroanline	NA	
4-Nitrophenol	NA	
Acenaphthene	NA	
Acenaphthylene	NA	
Anthracene	NA	
Benzo(a)anthracene	NA	
Benzo(a)pyrene	NA	
Benzo(b)fluoranthene	NA	
Benzo(g,h,i)perylene	NA	
Benzo(k)fluoranthene	NA	
Bis(2-Chloroethoxy)Methane	NA	
Bis(2-Chloroethyl)Ether	NA	
Bis(2-Ethylhexyl)Phthalate	NA	
Butylbenzylphthalate	NA	
Carbazole	NA	
Chrysene	NA	
DI-N-Butylphthalate	NA	
Di-N-Octylphthalate	NA	
Dibenzo(a,h)anthracene	NA	
Dibenzofuran	NA	
Diethylphthalate	NA	
Dimethylphthalate	NA	

Notes:

NA	Not analyzed
PAH	Polynuclear aromatic hydrocarbon
TPH	Total petroleum hydrocarbon
SVOA	Semivolatile Organic Analysis
VOAs	Volatile Organic Analysis
mg/kg	Milligrams per kilogram
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TABLE 4
SOIL DATA SUMMARY FOR SOUTH SHORELINE AREA

POINT NAME	SSPB08	
SAMPLE DATE	11-Nov-98	
SAMPLE DEPTH (ft.)	0	
SAMPLE MEDIUM	soil	
Fluoranthene	NA	
Fluorene	NA	
Hexachlorobenzene	NA	
Hexachlorobutadiene	NA	
Hexachlorocyclopentadiene	NA	
Hexachloroethane	NA	
Indeno(1,2,3-cd)pyrene	NA	
Isophorone	NA	
N-Nitroso-Di-N-Propylamine	NA	
N-Nitrosodiphenylamine (1)	NA	
Naphthalene	NA	
Nitrobenzene	NA	
Pentachlorophenol	NA	
Phenanthrene	NA	
Phenol	NA	
Pyrene	NA	

Notes:

NA	Not analyzed
PAH	Polynuclear aromatic hydrocarbon
TPH	Total petroleum hydrocarbon
SVOA	Semivolatile Organic Analysis
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TABLE 5
GROUNDWATER DATA SUMMARY FOR DRUM LOT 1

POINT NAME	BR11-90				MW11-19																MW11-20							
SAMPLE DATE	06-Feb-99		07-Mar-99		22-Mar-94		28-Jun-94		27-Sep-94		19-Dec-94		04-Oct-96		07-Nov-97		08-Apr-98		22-Jan-99		22-Sep-94		16-Dec-94		2-May-95		03-Oct-96	
SAMPLE MEDIUM	Water		Water		Water		Water		Water		Water		Water		Water		Water		Water		Water		Water		Water		Water	
TPH Purgeable (µg/L)																												
Gasoline	7000		130		250	U	250	U	50	UJc	100	UJj	1800	Ja	370	Z	1040	Y	670		50	UJc	50	UJj	50	UJc	50	U
Other Light TPH Components	NA		NA		7700	Y	2600	Y	730	Z	1300	Y	NA		NA		NA		NA		160	Z	210	Y	500	YX	NA	
MTBE	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
Benzene	NA		NA		73		9		3	Jc	10		NA		NA		NA		NA		0.5	UJc	2		8		NA	
Ethylbenzene	NA		NA		13		2	U	1	Jc	2		NA		NA		NA		NA		0.5	UJc	0.5	U	1		NA	
Toluene	NA		NA		14		6		0.5	UJc	1	U	NA		NA		NA		NA		0.5	UJc	0.5	U	0.5	U	NA	
Xylene (Total)	NA		NA		42		7		6	Jc	4		NA		NA		NA		NA		0.5	UJc	0.5	U	4	UJc	NA	
TPH Extractable (µg/L)																												
JP-4 Range Organics	NA		NA		270		2400	Ja	3000	Ja	50	UJa	2000	U	NA		NA		NA		50	UJa	50	U	50	UJa	2000	U
JP-5 Range Organics	100	U	100	U	52	U	50	UJa	NA		50	UJa	250	U	NA		100	U	100	U	50	UJa,c	50	U	50	UJa,c	250	U
Diesel Range Organics	100	U	220	Y	NA		NA		NA		NA		3700	Y	740	Z	100	U	960	Y	NA		NA		NA		1200	Y
TPH - Weathered Diesel (C8-C26)	NA		NA		52	UJc	50	UJa	NA		50	UJa	NA		NA		NA		NA		50	UJa	50	U	50	UJa,c	NA	
TPH - Diesel F-76 (C8-C28)	100	U	100	U	52	U	50	UJa	NA		50	UJa	250	U	100	U	100	U	NA		50	UJa	50	U	50	Uja	250	U
Motor Oil Range Organics	2960		100	U	NA		NA		NA		NA		1000	U	100	Z	100	U	100	U	NA		NA		NA		1000	U
Other Heavy TPH Components	NA		NA		52	U	50	UJa	2500	Ja	3900	Ja	250	U	NA		NA		NA		600	Ja	50	U	840	Ja	250	U
TPH - Bunker Fuel (C10-C28)	2530		100	U	2400	Jc	6900	Ja	NA		10000	Ja	2000	U	100	U	1200	Y	NA		500	UJa,c	500	U	500	UJa	2000	U
VOAs (µg/L)																												
1,1,1-Trichloroethane	500	U	2	U	3	U	10	U	5	UJh	2	U	25	U	10	U	2	U	10	U	2	U	2	U	NA		1	U
1,1,2,2-Tetrachloroethane	500	U	2	U	NA		10	U	5	UJh	2	U	25	U	10	U	2	U	10	U	2	U	2	U	NA		1	U
1,1,2-Trichloroethane	500	U	2	U	3	U	10	U	5	UJh	2	U	25	U	10	U	2	U	10	U	2	U	2	U	NA		1	U
1,1-Dichloroethane	500	U	2	U	3	U	10	U	5	UJh	2	U	25	U	10	U	2	U	10	U	2	U	2	U	NA		1	U
1,1-Dichloroethene	500	U	2	U	3	U	10	U	5	UJh	2	U	25	U	10	U	2	U	10	U	2	U	2	U	NA		1	U
1,2-Dichlorobenzene	NA		NA		NA				NA		NA		25	U	NA		NA		NA		NA		NA		NA		1	U
1,2-Dichloroethane	500	U	0.5	U	3	U	10	U	5	UJh	2	U	25	U	3	U	0.5	U	10	U	2	U	2	U	NA		1	U
1,2-Dichloroethene (total)	500	U	2	U	0.5	J	10	U	5	UJh	2	U	25	U	10	U	0.5	Jg	10	U	0.3	J	2	U	NA		1	U
1,2-Dichloropropane	500	U	2	U	3	U	10	U	5	UJh	2	U	25	U	10	U	2	U	10	U	2	U	2	U	NA		1	U
1,3-Dichlorobenzene	NA		NA		NA		NA		NA		NA		25	U	NA		NA		NA		NA		NA		NA		1	U
1,4-Dichlorobenzene	NA		NA		NA		NA		NA		NA		25	U	NA		NA		NA		NA		NA		NA		1	U
2-Butanone	500	U	2	UJc	3	U	10	U	5	UJh,c	3	Ja	120	UJc	10	U	2	U	10	U	2	U	2	U	NA		5	U
2-Hexanone	500	U	2	U	3	U	10	U	5	UJh,c	2	U	120	UJc	10	U	2	U	10	U	2	UJc	2	U	NA		5	UJc
4-Methyl-2-Pentanone	500	U	2	U	3	U	10	U	5	UJh	2	U	120	UJc	10	U	2	U	10	U	2	U	2	U	NA		5	UJc
Acetone	500	UJc	2	UJc	3	U	10	U	6	UJh,b,c	7	UJb,c	120	UJc	10	Jc	2	UJc	10	UJc	2	UJc	4	Jb,c	NA		5	UJc
Benzene	55	Jg	0.5	U	53		8	J	11	Jh	8	Ja	13	J	4		22		6	Jg	2	U	2	U	NA		1	U
Bromodichloromethane	500	U	2	U	3	U	10	U	5	UJh	2	U	25	U	10	U	2	U	10	U	2	U	2	U	NA		1	U
Bromoform	500	U	2	U	NA		10	U	5	UJh	2	U	25	U	10	U	2	U	10	U	2	U	2	U	NA		1	U
Bromomethane	500	U	2	U	3	U	10	U	5	UJh	2	U	25	UJc	10	U	2	U	10	U	2	U	2	U	NA		1	U
Carbon Disulfide	500	U	2	U	3	U	10	U	5	UJh,c	2	U	25	U	10	U	2	U	10	U	2	U	2	U	NA		1	U
Carbon Tetrachloride	500	U	0.5	U	3	U	10	U	5	UJh	2	U	25	U	3	U	0.5	U	10	U	2	U	2	U	NA		1	U
Chlorobenzene	500	U	2	U	3	U	10	U	5	UJh	2	U	25	U	10	U	2	U	10	U	2	U	2	U	NA		1	U
Chloroethane	500	U	2	U	3	U	10	U	5	UJh	2	U	25	U	10	U	2	U	10	U	2	U	2	U	NA		1	U
Chloroform	500	U	2	U	3	U	10	U	5	UJh	2	U	25	U	10	U	2	U	10	U	2	U	2	U	NA		1	U
Chloromethane	500	U	2	U	3	UJc	10	U	5	UJh	2	U	25	U	10	U	2	U	10	U	2	U	2	U	NA		1	U
Cis-1,2-Dichloroethene	NA		NA		NA		NA		NA		NA		25	U	NA		NA		NA		NA		NA		NA		1	U
Cis-1,3-Dichloropropene	500	U	0.5	U	3	U	10	U	5	UJh	2	U	25	U	3	U	0.5	U	10	U	2	U	2	U	NA		1	U
Dibromochloromethane	500	U	2	U	3	U	10	U	5	UJh	2	U	25	U	10	U	2	U	10	UJc	2	U	2	U	NA		1	U
Ethylbenzene	41	Jg	2	U	10		2	J	1	Jh	2	Ja	25	U	10	U	3		0.3	Jg	2	U	2	Ub	NA		1	U

TABLE 5
GROUNDWATER DATA SUMMARY FOR DRUM LOT 1

POINT NAME	BR11-90				MW11-19																MW11-20							
SAMPLE DATE	06-Feb-99		07-Mar-99		22-Mar-94		28-Jun-94		27-Sep-94		19-Dec-94		04-Oct-96		07-Nov-97		08-Apr-98		22-Jan-99		22-Sep-94		16-Dec-94		2-May-95		03-Oct-96	
SAMPLE MEDIUM	Water		Water		Water		Water		Water		Water		Water		Water		Water		Water		Water		Water		Water		Water	
Methyl-T-Butyl-Ether	NA		NA		NA		NA		NA		NA		NA		NA		NA		10	U	NA		NA		NA		NA	
Methylene Chloride	500	U	2	U	3	U	10	Ub	5	UJh	2	U	50	U	10	U	2	U	10	UJb	2	Ub	2	U	NA		2	U
O-Xylene	NA		NA		NA		NA		NA		NA		25	U	NA		NA		NA		NA		NA		NA		1	U
Styrene	500	U	2	U	3	U	10	U	5	UJh	2	U	25	U	10	U	2	U	10	U	2	U	2	U	NA		1	U
Tetrachloroethene	500	U	2	U	3	U	10	U	5	UJh	2	U	25	U	10	U	2	U	10	U	2	U	2	U	NA		1	U
Toluene	30	Jg	2	U	8		10	U	2	UJh	1	Ja	25	U	10	U	4		1	Jg	2	U	0.2	J	NA		1	U
Trans-1,2-Dichloroethene	NA		NA		NA		NA		NA		NA		25	U	NA		NA		NA		NA		NA		NA		1	U
Trans-1,3-Dichloropropene	500	U	0.5	U	3	U	10	U	5	UJh	2	U	25	U	3	U	0.5	U	10	U	2	U	2	U	NA		1	U
Trichloroethene	500	U	2	U	3	U	10	U	5	UJh	2	U	25	U	10	U	2	U	10	U	2	U	6	B	NA		1	U
Vinyl Chloride	500	U	0.5	U	3	U	10	U	5	UJh	2	U	25	U	3	U	0.5	U	10	U	2	U	2	U	NA		1	U
Xylene (total)	210	Jg	2	U	31		8	J	7	Jh	6	Ja	25	U	3	J	12		3	Jg	2	U	2	Ub	NA		1	U
SVOA (µg/L) (EPA 8270C)																												
1-Methylnaphthalene	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
1,2,4-Trichlorobenzene	NA		1	U	10	U	50	U	10	U	10	U	5	U	1	U	1	U	NA		NA		NA		10	U	5	U
1,2-Dichlorobenzene	NA		1	U	10	U	50	U	10	U	10	U	5	U	1	U	1	U	NA		NA		NA		10	U	5	U
1,3-Dichlorobenzene	NA		1	U	10	U	50	U	10	U	10	U	5	U	1	U	1	U	NA		NA		NA		10	U	5	U
1,4-Dichlorobenzene	NA		1	U	10	U	50	U	10	U	10	U	5	U	1	U	1	U	NA		NA		NA		10	U	5	U
2,2'-Oxybis(1-Chloropropane)	NA		1	U	10	U	50	U	10	U	10	U	5	U	1	U	1	U	NA		NA		NA		10	U	5	U
2,4,5-Trichlorophenol	NA		3	U	26	U	120	U	25	U	25	U	20	U	3	U	3	U	NA		NA		NA		25	U	20	U
2,4,6-Trichlorophenol	NA		1	U	10	U	50	U	10	U	10	U	5	U	1	U	1	U	NA		NA		NA		10	U	5	U
2,4-Dichlorophenol	NA		1	U	10	U	50	U	10	U	10	U	5	U	1	U	1	U	NA		NA		NA		10	U	5	U
2,4-Dimethylphenol	NA		1	U	10	U	50	U	10	U	10	U	5	U	1	U	1	U	NA		NA		NA		10	UJ	5	U
2,4-Dinitrophenol	NA		3	UJc	26	U	120	U	25	U	25	U	20	U	NA		NA		NA		NA		NA		25	U	20	U
2,4-Dinitrotoluene	NA		1	U	10	U	50	U	10	U	10	U	5	U	1	U	1	U	NA		NA		NA		10	U	5	U
2,6-Dinitrotoluene	NA		1	U	10	U	50	U	10	U	10	U	5	U	1	U	1	U	NA		NA		NA		10	U	5	U
2-Chloronaphthalene	NA		1	U	10	U	50	U	10	U	10	U	5	U	1	U	1	U	NA		NA		NA		10	U	5	U
2-Chlorophenol	NA		1	U	10	U	50	U	10	U	10	U	5	U	1	U	1	U	NA		NA		NA		10	U	5	U
2-Methylnaphthalene	NA		1	U	1	J	50	U	10	U	10	U	5	U	1	U	1	U	NA		NA		NA		10	U	5	U
2-Methylphenol	NA		1	U	10	U	50	U	10	U	10	U	5	U	1	U	1	U	NA		NA		NA		10	U	5	U
2-Nitroaniline	NA		3	U	26	U	120	U	25	U	25	U	20	U	3	U	3	U	NA		NA		NA		25	U	20	U
2-Nitrophenol	NA		1	U	10	U	50	U	10	U	10	U	5	U	1	U	1	U	NA		NA		NA		10	U	5	U
3,3'-Dichlorobenzidine	NA		1	U	10	UJc	50	U	10	U	10	UJc	5	U	1	U	1	U	NA		NA		NA		10	U	5	U
3-Nitroaniline	NA		3	U	26	U	120	UJc	25	UJc	25	UJc	20	U	3	U	3	U	NA		NA		NA		25	UJc	20	U
4,6-Dinitro-2-Methylphenol	NA		3	U	26	U	120	U	25	U	25	U	20	U	3	U	3	U	NA		NA		NA		25	U	20	U
4-Bromophenyl-Phenylether	NA		1	U	10	U	50	U	10	U	10	U	5	U	1	U	1	U	NA		NA		NA		10	U	5	U
4-Chloro-3-Methylphenol	NA		1	U	10	U	50	U	10	U	10	U	5	U	1	U	1	U	NA		NA		NA		10	U	5	U
4-Chloroaniline	NA		1	U	10	UJc	50	U	10	U	10	U	5	U	1	U	1	U	NA		NA		NA		10	UJc	5	U
4-Chlorophenyl-Phenylether	NA		1	U	10	U	50	U	10	U	10	U	5	U	1	U	1	U	NA		NA		NA		10	U	5	U
4-Methylphenol	NA		1	U	10	U	50	U	10	U	12		5	U	1	U	1	U	NA		NA		NA		10	U	5	U
4-Nitroaniline	NA		3	U	26	U	120	U	25	U	25	U	20	U	3	U	3	U	NA		NA		NA		25	U	20	U
4-Nitrophenol	NA		3	UJc	26	U	120	UJc	25	U	25	U	20	U	3	U	3	U	NA		NA		NA		25	UJc	20	U
Acenaphthene	NA		1	U	10	U	50	U	10	U	10	U	5	U	1	U	1	U	NA		NA		NA		10	U	5	U
Acenaphthylene	NA		1	U	10	U	50	U	10	U	10	U	5	U	1	U	1	U	NA		NA		NA		10	U	5	U
Anthracene	NA		1	U	10	U	50	U	10	U	10	U	5	U	1	U	1	U	NA		NA		NA		10	U	5	U
Benzo(a)anthracene	NA		1	U	10	U	50	U	10	U	10	U	5	U	1	U	1	U	NA		NA		NA		10	U	5	U
Benzo(a)pyrene	NA		1	U	10	U	50	U	10	U	10	UJi	5	U	1	U	1	U	NA		NA		NA		10	U	5	U
Benzo(b)fluoranthene	NA		1	U	10	U	50	U	10	U	10	UJi	5	U	1	U	1	U	NA		NA		NA		10	U	5	U

TABLE 5
GROUNDWATER DATA SUMMARY FOR DRUM LOT 1

POINT NAME	BR11-90				MW11-19																MW11-20							
SAMPLE DATE	06-Feb-99		07-Mar-99		22-Mar-94		28-Jun-94		27-Sep-94		19-Dec-94		04-Oct-96		07-Nov-97		08-Apr-98		22-Jan-99		22-Sep-94		16-Dec-94		2-May-95		03-Oct-96	
SAMPLE MEDIUM	Water		Water		Water		Water		Water		Water		Water		Water		Water		Water		Water		Water		Water		Water	
Benzo(g,h,i)perylene	NA		1	U	10	U	50	U	10	U	10	UJi	5	U	1	U	1	U	NA		NA		NA		10	U	5	U
Benzo(k)fluoranthene	NA		1	U	10	U	50	U	10	U	10	UJi	5	U	1	U	1	U	NA		NA		NA		10	U	5	U
Bis(2-Chloroethoxy)methane	NA		1	U	10	U	50	U	10	U	10	U	5	U	1	U	1	U	NA		NA		NA		10	U	5	U
Bis(2-Chloroethyl)ether	NA		1	U	10	U	50	U	10	U	10	U	5	U	1	U	1	U	NA		NA		NA		10	U	5	U
Bis(2-Ethylhexyl)phthalate	NA		1	UJb,c	10	Ub	50	U	10	Ub	10	Ub	5	U	1	U	0.2	UJb	NA		NA		NA		0.9	J	5	U
Butylbenylphthalate	NA		1	UJb,c	10	Ub	50	U	10	U	10	U	5	U	1	U	1	U	NA		NA		NA		10	U	5	U
Carbazole	NA		1	U	10	U	50	U	10	U	10	U	5	U	1	U	1	U	NA		NA		NA		10	UJc	5	U
Chrysene	NA		1	U	10	U	50	U	10	U	10	U	5	U	1	U	1	U	NA		NA		NA		10	U	5	U
DI-N-Butylphthalate	NA		2	b,c	10	U	50	U	10	U	10	U	5	U	0.5	J	0.2	UJb	NA		NA		NA		10	U	5	U
Di-N-Octylphthalate	NA		1	UJc	10	U	50	U	10	U	10	UJi	5	U	1	U	1	U	NA		NA		NA		10	U	5	U
Dibenzo(a,h)anthracene	NA		1	U	10	U	50	U	10	U	10	UJi	5	U	1	U	1	U	NA		NA		NA		10	U	5	U
Dibenzofuran	NA		1	U	10	U	50	U	10	U	10	U	5	U	1	U	1	U	NA		NA		NA		10	U	5	U
Diethylphthalate	NA		1	UJb,c	10	U	50	U	10	U	10	U	5	U	1	U	1	U	NA		NA		NA		10	U	5	U
Dimethylphthalate	NA		1	U	10	U	50	U	10	U	10	U	5	U	1	U	1	U	NA		NA		NA		10	U	5	U
Fluoranthene	NA		1	U	10	U	50	U	10	U	10	U	5	U	1	U	1	U	NA		NA		NA		10	U	5	U
Fluorene	NA		1	U	10	U	50	U	0.9	J	10	U	5	U	0.3	J	0.3	Jg	NA		NA		NA		10	U	5	U
Hexachlorobenzene	NA		1	U	10	U	50	U	10	U	10	U	5	U	1	U	1	U	NA		NA		NA		10	U	5	U
Hexachlorobutadiene	NA		1	U	10	U	50	U	10	U	10	U	5	U	1	U	1	U	NA		NA		NA		10	U	5	U
Hexachlorocyclopentadiene	NA		1	UJc	10	U	50	U	10	U	10	U	5	UJc	1	Jc	1	U	NA		NA		NA		10	U	5	UJc
Hexachloroethane	NA		1	U	10	U	50	U	10	U	10	U	5	U	1	U	1	U	NA		NA		NA		10	U	5	U
Indeno(1,2,3-cd)pyrene	NA		1	U	10	U	50	U	10	U	10	UJi	5	U	1	U	1	U	NA		NA		NA		10	U	5	U
Isophorone	NA		1	U	10	U	50	U	10	U	10	U	5	U	1	U	1	U	NA		NA		NA		10	U	5	U
N-Nitroso-Di-N-Propylamine	NA		1	U	10	U	50	U	10	U	10	U	5	U	1	U	1	U	NA		NA		NA		10	U	5	U
N-Nitrosodiphenylamine (I)	NA		1	U	10	U	50	U	10	U	10	U	5	U	1	U	1	U	NA		NA		NA		10	U	5	U
Naphthalene	NA		1	U	10	U	50	U	10	U	10	U	5	U	1	U	1	U	NA		NA		NA		10	U	5	U
Nitrobenzene	NA		1	U	10	U	50	U	10	U	10	U	5	U	1	U	1	U	NA		NA		NA		10	U	5	U
Pentachlorophenol	NA		3	U	26	U	120	UJc	25	UJc	25	U	20	U	3	U	3	U	NA		NA		NA		25	U	20	U
Phenanthrene	NA		1	U	10	U	50	U	10	U	10	U	5	U	1	U	1	U	NA		NA		NA		10	U	5	U
Phenol	NA		1	U	10	U	50	U	10	U	10	U	5	U	1	U	1	U	NA		NA		NA		10	U	5	U
Pyrene	NA		1	U	10	U	50	U	10	U	10	U	5	U	1	U	1	U	NA		NA		NA		10	U	5	U
PAHs (µg/L) (EPA 8310)																												
1-Methylnaphthalene	1.4	U	1	U	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
2-Methylnaphthalene	1.4	U	1	U	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
Acenaphthene	7.2	U	5	U	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
Acenaphthylene	2.9	U	2	U	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
Anthracene	0.29	UJc	0.2	U	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
Benzo(a)Anthracene	0.29	U	0.2	U	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
Benzo(a)Pyrene	0.29	U	0.2	U	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
Benzo(b)Fluoranthene	0.29	U	0.2	U	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
Benzo(g,h,i)Perylene	0.29	U	0.2	U	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
Benzo(k)Fluoranthene	0.29	U	0.2	U	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
Chrysene	0.29	U	0.2	U	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
Dibenzo(a,h)Anthracene	0.72	U	0.5	U	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
Fluoranthene	0.29	UJc	0.2	U	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
Fluorene	1.4	U	1	U	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
Indeno(1,2,3-cd)Pyrene	0.29	U	0.2	U	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
Naphthalene	10		5	U	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
Phenanthrene	1.4	U	1	U	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
Pyrene	0.29	UJc	0.2	U	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	

TABLE 5
GROUNDWATER DATA SUMMARY FOR DRUM LOT 1

POINT NAME	MW11-20						MW11-21																MW11-22		MW11-23			
SAMPLE DATE	07-Nov-97		03-Apr-98		22-Jan-99		29-Mar-94		23-Jun-94		22-Sep-94		16-Dec-94		03-Oct-96		08-Nov-97		07-Apr-98		21-Jan-99		2-May-95		2-May-95		03-Oct-96	
SAMPLE MEDIUM	Water		Water		Water		Water		Water		Water		Water		Water		Water		Water		Water		Water		Water		Water	
TPH Purgeable (µg/L)																												
Gasoline	50	U	460	Y	220		50	U	50	U	50	UJc	250	UJj	450		1000	Z	2220	Y	970		50	UJc	50	UJc	96	U
Other Light TPH Components	NA		NA		NA		1400	Y	1700	Y	2300	ZY	3000	Y	NA		NA		NA		NA		170	YX	140	YX	NA	
MTBE	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
Benzene	NA		NA		NA		0.5	U	13		62	Jc	25		NA		NA		NA		NA		0.5	U	0.5	U	NA	
Ethylbenzene	NA		NA		NA		0.6		2		0.5	UJc	25		NA		NA		NA		NA		0.5	U	0.5	U	NA	
Toluene	NA		NA		NA		6		12		35	Jc	24		NA		NA		NA		NA		0.5	U	0.5	U	NA	
Xylene (Total)	NA		NA		NA		17		33		55	Jc	76		NA		NA		NA		NA		0.5	UJc	0.5	UJc	NA	
TPH Extractable (µg/L)																												
JP-4 Range Organics	NA		NA		NA		50	U	50	UJc	50	UJa	50	U	2000	U	NA		NA		NA		50	U	50	U	2000	U
JP-5 Range Organics	NA		100	U	100	U	50	U	50	U	50	UJa,c	50	U	250	U	100	U	100	U	100	U	50	UJc	50	UJc	250	U
Diesel Range Organics	100	U	470	Z	670		NA		NA		NA		NA		250	U	100	U	100	U	1300		NA		NA		250	U
TPH - Weathered Diesel (C8-C26)	NA		NA		NA		50	U	50	U	50	UJa	50	U	NA		NA		NA		NA		50	UJc	530	Jc	NA	
TPH - Diesel F-76 (C8-C28)	100	U	100	U	NA		50	U	50	UJc	50	UJa	50	U	250	U	100	U	100	U	NA		50	U	50	U	250	U
Motor Oil Range Organics	320	Z	100	U	100	U	NA		NA		NA		NA		1000	U	100	U	100	U	100	U	NA		NA		1000	U
Other Heavy TPH Components	NA		NA		NA		50	U	50	U	3300	Ja	50	U	250	U	NA		NA		NA		570	Y	380	Y	250	U
TPH - Bunker Fuel (C10-C28)	100	U	100	U	NA		7400		9600	Jc	500	UJa,c	4800		2100	Y	3240	Y	1400	Y	NA		1800		500	U	2000	U
VOAs (µg/L)																												
1,1,1-Trichloroethane	2	U	2	U	10	U	2	U	2	U	5	U	4	U	1	U	2	U	2	U	10	U	NA		NA		1	U
1,1,2,2-Tetrachloroethane	2	U	2	U	10	U	2	U	2	U	5	U	4	U	1	U	2	U	2	U	10	U	NA		NA		1	U
1,1,2-Trichloroethane	2	U	2	U	10	U	2	U	2	U	5	U	4	U	1	U	2	U	2	U	10	U	NA		NA		1	U
1,1-Dichloroethane	2	U	2	U	10	U	2	U	2	U	5	U	4	U	1	U	2	U	2	U	10	U	NA		NA		1	U
1,1-Dichloroethene	2	U	2	UJc	10	U	2	U	2	U	5	U	4	U	1	U	2	U	2	U	10	U	NA		NA		1	U
1,2-Dichlorobenzene	NA		NA		NA		NA		NA		NA		NA		1	U	NA		NA		NA		NA		NA		1	U
1,2-Dichloroethane	0.5	U	0.5	U	10	U	2	U	2	U	5	U	4	U	1	U	0.5	U	0.4	Jg	10	U	NA		NA		1	U
1,2-Dichloroethene (total)	0.4	J	2	U	10	U	2	U	2	U	5	U	4	U	1	U	2	U	2	U	10	U	NA		NA		1	U
1,2-Dichloropropane	2	U	2	U	10	U	2	U	2	U	5	U	4	U	1	U	2	U	2	U	10	U	NA		NA		1	U
1,3-Dichlorobenzene	NA		NA		NA		NA		NA		NA		NA		1	U	NA		NA		NA		NA		NA		1	U
1,4-Dichlorobenzene	NA		NA		NA		NA		NA		NA		NA		1	U	NA		NA		NA		NA		NA		1	U
2-Butanone	2	U	2	U	10	U	2	U	2	U	5	U	4	U	5	UJc	2	U	2	U	10	UJc	NA		NA		5	U
2-Hexanone	2	U	2	UJc	10	U	2	U	2	U	5	UJc	4	U	5	UJc	2	U	2	U	10	UJc	NA		NA		5	U
4-Methyl-2-Pentanone	2	U	1	Jg	10	U	2	U	2	U	5	U	4	U	5	UJc	2	U	2	U	10	U	NA		NA		5	U
Acetone	2	UJc	2	UJc	10	UJc	4		14	Jc	17	UJb,c	8	UJb,c	5.3	Jc	2	UJc	2	UJc	10	UJc	NA		NA		5	UJc
Benzene	0.5	U	0.6		10	U	2	J	4	Ja	10		9		1.5		2		5		3	Ja,g	NA		NA		1	U
Bromodichloromethane	2	U	2	U	10	U	2	U	2	U	5	U	4	U	1	U	2	U	2	U	10	U	NA		NA		1	U
Bromoform	2	U	2	U	10	U	2	U	2	U	5	U	4	U	1	U	2	U	2	U	10	U	NA		NA		1	U
Bromomethane	2	U	2	U	10	U	2	U	2	U	5	U	4	U	1	UJc	2	U	2	U	10	U	NA		NA		1	U
Carbon Disulfide	2	U	2	U	10	U	2	U	2	U	5	U	4	U	1	U	2	U	2	U	10	U	NA		NA		1	U
Carbon Tetrachloride	0.5	U	0.5	UJc	10	U	2	U	2	U	5	U	4	U	1	U	0.5	U	0.5	U	10	U	NA		NA		1	U
Chlorobenzene	2	U	2	U	10	U	2	U	2	U	5	U	4	U	1	U	2	U	2	U	10	U	NA		NA		1	U
Chloroethane	2	U	2	U	10	U	2	U	2	U	5	U	4	U	1	U	2	U	2	U	10	U	NA		NA		1	U
Chloroform	2	U	2	U	10	U	2	U	2	U	5	U	4	U	1	U	2	U	2	U	10	U	NA		NA		1	U
Chloromethane	2	U	0.6	Jg	10	U	2	U	2	U	5	U	4	U	1	U	2	U	3		10	U	NA		NA		1	U
Cis-1,2-Dichloroethene	NA		NA		NA		NA		NA		NA		NA		1	U	NA		NA		NA		NA		NA		1	U
Cis-1,3-Dichloropropene	0.5	U	0.5	U	10	U	2	U	2	U	5	U	4	U	1	U	0.5	U	0.5	U	10	U	NA		NA		1	U
Dibromochloromethane	2	U	2	U	10	UJc	2	U	2	U	5	U	4	U	1	U	2	U	2	U	10	U	NA		NA		1	U
Ethylbenzene	2	U	2	Jg	10	U	2	J	0.8	J	2	J	29		1	U	1	J	21		1	Ja,g	NA		NA		1	U

TABLE 5
GROUNDWATER DATA SUMMARY FOR DRUM LOT 1

POINT NAME	MW11-20						MW11-21																MW11-22		MW11-23			
SAMPLE DATE	07-Nov-97		03-Apr-98		22-Jan-99		29-Mar-94		23-Jun-94		22-Sep-94		16-Dec-94		03-Oct-96		08-Nov-97		07-Apr-98		21-Jan-99		2-May-95		2-May-95		03-Oct-96	
SAMPLE MEDIUM	Water		Water		Water		Water		Water		Water		Water		Water		Water		Water		Water		Water		Water		Water	
Methyl-T-Butyl-Ether	NA		NA		10	U	NA		NA		NA		NA		NA		NA		NA		10	U	NA		NA		NA	
Methylene Chloride	2	U	2	U	10	UJb	2	U	2	U	5	U	4	U	2	U	2	U	2	U	10	U	NA		NA		2	Ub
O-Xylene	NA		NA		NA		NA		NA		NA		NA		1	U	NA		NA		NA		NA		NA		1	U
Styrene	2	U	2	U	10	U	2	U	2	U	5	U	4	U	1	U	2	U	2	U	10	U	NA		NA		1	U
Tetrachloroethene	2	U	2	U	10	U	2	U	2	U	5	U	4	U	1	U	2	U	2	U	10	U	NA		NA		1	U
Toluene	2	U	2		10	U	6		11	Ja	20		28		2		4		17		7	Ja,g	NA		NA		1	U
Trans-1,2-Dichloroethene	NA		NA		NA		NA		NA		NA		NA		1	U	NA		NA		NA		NA		NA		1	U
Trans-1,3-Dichloropropene	0.5	U	0.5	U	10	U	2	U	2	U	5	U	4	U	1	U	0.5	U	0.5	U	10	U	NA		NA		1	U
Trichloroethene	2	U	2	Jg	10	U	2	U	2	U	5	U	4	U	1	U	2	U	2	U	10	U	NA		NA		1	U
Vinyl Chloride	0.5	U	0.5	U	10	U	2	U	2	U	5	U	4	U	1	U	0.5	U	0.5	U	10	U	NA		NA		0.61	J
Xylene (total)	2	U	3		10	U	22	B	36	Ja	64		83	BE	3.6		11		47		21	Ja	NA		NA		1	U
SVOA (µg/L) (EPA 8270C)																												
1-Methylnaphthalene	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
1,2,4-Trichlorobenzene	1	U	1	U	10	U	10	U	10	U	NA		NA		5	U	1	U	1	UJa	40	U	10	U	11	U	5	U
1,2-Dichlorobenzene	1	U	1	U	5	U	10	U	10	U	NA		NA		5	U	1	U	1	UJa	20	U	10	U	11	U	5	U
1,3-Dichlorobenzene	1	U	1	U	5	U	10	U	10	U	NA		NA		5	U	1	U	1	UJa	20	U	10	U	11	U	5	U
1,4-Dichlorobenzene	1	U	1	U	5	U	10	U	10	U	NA		NA		5	U	1	U	1	UJa	20	U	10	U	11	U	5	U
2,2'-Oxybis(1-Chloropropane)	1	U	1	U	10	U	10	U	10	U	NA		NA		5	U	1	U	1	UJa	40	U	10	U	11	U	5	U
2,4,5-Trichlorophenol	3	U	3	U	25	U	25	U	25	U	NA		NA		20	U	3	U	3	U	100	U	25	U	29	U	20	U
2,4,6-Trichlorophenol	1	U	1	U	10	U	10	U	10	U	NA		NA		5	U	1	U	1	U	40	U	10	U	11	U	5	U
2,4-Dichlorophenol	1	U	1	U	10	U	10	U	10	U	NA		NA		5	U	1	U	1	U	40	U	10	U	11	U	5	U
2,4-Dimethylphenol	1	U	0.07	Jg	10	U	10	U	10	U	NA		NA		5	U	1	U	1	U	40	U	10	UJc	11	UJc	5	U
2,4-Dinitrophenol	NA		3	UJc	25	U	25	U	25	U	NA		NA		20	U	1	U	NA		100	U	25	U	29	U	20	U
2,4-Dinitrotoluene	1	U	1	U	10	U	10	U	10	U	NA		NA		5	U	1	U	1	UJa	40	U	10	U	11	U	5	U
2,6-Dinitrotoluene	1	U	1	U	10	U	10	U	10	U	NA		NA		5	U	NA		1	UJa	40	U	10	U	11	U	5	U
2-Chloronaphthalene	1	U	1	U	10	U	10	U	10	U	NA		NA		5	U	1	U	1	UJa	40	U	10	U	11	U	5	U
2-Chlorophenol	1	U	1	U	10	U	10	U	10	U	NA		NA		5	U	1	U	1	U	40	U	10	U	11	U	5	U
2-Methylnaphthalene	1	U	1	U	10	U	10	U	10	U	NA		NA		5	U	0.6	J	1	UJa	40	U	0.4	J	11	U	5	U
2-Methylphenol	1	U	1	U	10	UJc	10	U	10	U	NA		NA		5	U	1	U	1	U	40	U	10	U	11	U	5	U
2-Nitroaniline	3	U	3	U	25	U	25	U	25	U	NA		NA		20	U	3	U	3	UJa	100	U	25	U	29	U	20	U
2-Nitrophenol	1	U	1	U	10	U	10	U	10	U	NA		NA		5	U	1	U	1	U	40	U	10	U	11	U	5	U
3,3'-Dichlorobenzidine	1	U	1	UJc	10	UJc	10	UJc	10	U	NA		NA		5	U	1	U	1	UJa	40	U	10	U	11	U	5	U
3-Nitroaniline	3	U	3	U	25	U	25	UJc	25	UJc	NA		NA		20	U	3	U	3	UJa	100	U	25	UJc	29	UJc	20	U
4,6-Dinitro-2-Methylphenol	3	U	3	U	25	U	25	U	25	U	NA		NA		20	U	3	U	3	U	100	U	25	U	29	U	20	U
4-Bromophenyl-Phenylether	1	U	1	U	10	U	10	U	10	U	NA		NA		5	U	1	U	1	UJa	40	U	10	U	11	U	5	U
4-Chloro-3-Methylphenol	1	U	1	U	10	U	10	U	10	U	NA		NA		5	U	1	U	1	U	40	U	10	U	11	U	5	U
4-Chloroaniline	1	U	1	U	10	UJc	10	UJc	10	U	NA		NA		5	U	1	U	1	UJa	40	U	10	UJc	11	UJc	5	U
4-Chlorophenyl-Phenylether	1	U	1	U	10	U	10	U	10	U	NA		NA		5	U	1	U	1	UJa	40	U	10	U	11	U	5	U
4-Methylphenol	1	U	1	U	10	U	10	U	10	U	NA		NA		5	U	1	U	1	U	40	U	10	U	11	U	5	U
4-Nitroaniline	3	U	3	U	25	U	25	U	25	U	NA		NA		20	U	3	U	3	UJa	100	U	25	U	29	U	20	U
4-Nitrophenol	3	U	3	U	25	U	25	U	25	U	NA		NA		20	U	3	Jc	3	U	100	U	25	UJc	29	UJc	20	U
Acenaphthene	1	U	0.07	Jg	10	U	10	U	10	U	NA		NA		5	U	1	U	1	UJa	40	U	10	U	11	U	5	U
Acenaphthylene	1	U	1	U	10	U	10	U	10	U	NA		NA		5	U	1	U	1	UJa	40	U	10	U	11	U	5	U
Anthracene	1	U	1	U	10	U	10	U	10	U	NA		NA		5	U	1	U	1	UJa	40	U	10	U	11	U	5	U
Benzo(a)anthracene	1	U	1	U	10	U	10	U	10	U	NA		NA		5	U	1	U	1	UJa	40	U	10	U	11	U	5	U
Benzo(a)pyrene	1	U	1	U	10	U	10	U	10	U	NA		NA		5	U	1	U	1	UJa	40	U	10	U	11	U	5	U
Benzo(b)fluoranthene	1	U	1	U	10	U	10	U	10	U	NA		NA		5	U	1	U	1	UJa	40	U	10	U	11	U	5	U

TABLE 5
GROUNDWATER DATA SUMMARY FOR DRUM LOT 1

POINT NAME	MW11-20						MW11-21																MW11-22		MW11-23			
SAMPLE DATE	07-Nov-97		03-Apr-98		22-Jan-99		29-Mar-94		23-Jun-94		22-Sep-94		16-Dec-94		03-Oct-96		08-Nov-97		07-Apr-98		21-Jan-99		2-May-95		2-May-95		03-Oct-96	
SAMPLE MEDIUM	Water		Water		Water		Water		Water		Water		Water		Water		Water		Water		Water		Water		Water		Water	
Benzo(g,h,i)perylene	1	U	1	U	10	U	10	U	10	U	NA		NA		5	U	1	U	1	UJa	40	U	10	U	11	U	5	U
Benzo(k)fluoranthene	1	U	1	U	10	U	10	U	10	U	NA		NA		5	U	1	U	1	UJa	40	U	10	U	11	U	5	U
Bis(2-Chloroethoxy)methane	1	U	1	U	10	U	10	U	10	U	NA		NA		5	U	1	U	1	UJa	40	U	10	U	11	U	5	U
Bis(2-Chloroethyl)ether	1	U	1	U	10	U	10	U	10	U	NA		NA		5	U	1	U	1	UJa	40	U	10	U	11	U	5	U
Bis(2-Ethylhexyl)phthalate	1	U	0.6	UJb	4	U	10	Ub	10	U	NA		NA		5	U	1	U	1	UJa	16	U	10	U	11	U	5	U
Butylbenylphthalate	1	U	1	U	10	U	10	U	10	U	NA		NA		5	U	0.7	J	1	UJa	40	U	10	U	11	U	5	U
Carbazole	1	U	1	U	10	UJc	10	UJc	10	U	NA		NA		5	U	1	U	1	UJa	40	U	10	UJc	11	UJc	5	U
Chrysene	1	U	1	U	10	U	10	U	10	U	NA		NA		5	U	1	U	1	UJa	40	U	10	U	11	U	5	U
DI-N-Butylphthalate	0.5	J	0.4	UJb	10	U	10	U	10	U	NA		NA		5	U	0.7	J	1	UJa	40	UJb	10	U	11	U	5	U
Di-N-Octylphthalate	1	U	1	U	10	U	10	U	10	U	NA		NA		5	U	1	U	1	UJa	40	U	10	U	11	U	5	U
Dibenzo(a,h)anthracene	1	U	1	U	10	U	10	U	10	U	NA		NA		5	U	1	U	1	UJa	40	U	10	U	11	U	5	U
Dibenzofuran	1	U	1	U	10	U	10	U	10	U	NA		NA		5	U	1	U	1	UJa	40	U	10	U	11	U	5	U
Diethylphthalate	1	U	0.08	UJb	10	U	10	U	10	U	NA		NA		5	U	1	U	1	UJa	40	UJb	10	U	11	U	5	U
Dimethylphthalate	1	U	1	U	10	U	10	U	10	U	NA		NA		5	U	1	U	1	UJa	40	U	10	U	11	U	5	U
Fluoranthene	1	U	1	U	10	U	10	U	10	U	NA		NA		5	U	1	U	1	UJa	40	U	10	U	11	U	5	U
Fluorene	1	U	1	U	10	U	10	U	10	U	NA		NA		5	U	1	U	1	UJa	40	U	10	U	11	U	5	U
Hexachlorobenzene	1	U	1	U	10	U	10	UJc	10	U	NA		NA		5	U	1	U	1	UJa	40	U	10	U	11	U	5	U
Hexachlorobutadiene	1	U	1	U	10	U	10	U	10	U	NA		NA		5	U	1	U	1	UJa	40	U	10	U	11	U	5	U
Hexachlorocyclopentadiene	1	Jc	1	UJc	10	U	10	U	10	UJc	NA		NA		5	UJc	1	Jc	1	UJa	40	U	10	U	11	U	5	UJc
Hexachloroethane	1	U	1	U	10	U	10	U	10	U	NA		NA		5	U	1	U	1	UJa	40	U	10	U	11	U	5	U
Indeno(1,2,3-cd)pyrene	1	U	1	U	10	U	10	U	10	U	NA		NA		5	U	1	U	1	UJa	40	U	10	U	11	U	5	U
Isophorone	1	U	1	U	10	U	10	U	10	U	NA		NA		5	U	1	U	1	UJa	40	U	10	U	11	U	5	U
N-Nitroso-Di-N-Propylamine	1	U	1	U	10	U	10	U	10	U	NA		NA		5	U	1	U	1	UJa	40	U	10	U	11	U	5	U
N-Nitrosodiphenylamine (1)	1	U	1	U	10	U	10	UJc	10	U	NA		NA		5	U	1	U	1	UJa	40	U	10	U	11	U	5	U
Naphthalene	1	U	0.08	Jg	10	U	10	U	10	U	NA		NA		5	U	1	U	0.4	Ja,g	40	U	10	U	11	U	5	U
Nitrobenzene	1	U	1	U	10	U	10	U	10	U	NA		NA		5	U	1	U	1	UJa	40	U	10	U	11	U	5	U
Pentachlorophenol	3	U	3	U	25	U	25	U	25	U	NA		NA		20	U	3	U	3	U	100	U	25	U	29	U	20	U
Phenanthrene	1	U	1	U	10	U	10	U	10	U	NA		NA		5	U	0.2	J	1	UJa	40	U	10	U	11	U	5	U
Phenol	1	U	1	U	10	U	10	U	10	U	NA		NA		5	U	1	U	1	U	40	U	10	U	11	U	5	U
Pyrene	1	U	1	U	10	U	10	U	10	U	NA		NA		5	U	1	U	1	UJa	40	U	10	U	11	U	5	U
PAHs (µg/L) (EPA 8310)																												
1-Methylnaphthalene	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
2-Methylnaphthalene	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
Acenaphthene	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
Acenaphthylene	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
Anthracene	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
Benzo(a)Anthracene	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
Benzo(a)Pyrene	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
Benzo(b)Fluoranthene	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
Benzo(g,h,i)Perylene	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
Benzo(k)Fluoranthene	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
Chrysene	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
Dibenzo(a,h)Anthracene	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
Fluoranthene	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
Fluorene	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
Indeno(1,2,3-cd)Pyrene	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
Naphthalene	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
Phenanthrene	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
Pyrene	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	

TABLE 5
GROUNDWATER DATA SUMMARY FOR DRUM LOT 1

POINT NAME	MW11-55														MW11-56													
SAMPLE DATE	23-Mar-94		28-Jun-94		22-Sep-94		17-Dec-94		04-Oct-96		08-Nov-97		07-Apr-98		30-Mar-94		28-Jun-94		23-Sep-94		17-Dec-94		04-Oct-96		07-Nov-97		07-Apr-98	
SAMPLE MEDIUM	Water		Water		Water		Water		Water		Water		Water		Water		Water		Water		Water		Water		Water		Water	
TPH Purgeable (µg/L)																												
Gasoline	50	U	50	U	50	UJc	50	UJj	75		50	U	230	Y	50	U	50	U	50	UJc	50	UJj	50	U	50	U	NA	
Other Light TPH Components	270	Y	82	Y	50	U	330	Y	NA		NA		NA		160	Y	50	U	50	U	50	U	NA		NA		NA	
MTBE	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
Benzene	0.5	U	0.5	U	0.5	UJc	4		NA		NA		NA		0.5	U	0.5	U	0.5	U	0.5	U	NA		NA		NA	
Ethylbenzene	0.5	U	0.5	U	0.5	UJc	0.5	U	NA		NA		NA		0.5	U	0.5	U	0.5	U	0.5	U	NA		NA		NA	
Toluene	0.5	U	0.5	U	0.5	UJc	0.5	U	NA		NA		NA		0.5	U	0.5	U	0.5	U	0.5	U	NA		NA		NA	
Xylene (Total)	0.5	U	0.5	U	0.5	UJc	0.5		NA		NA		NA		0.5	U	0.5	U	0.5	U	0.5	U	NA		NA		NA	
TPH Extractable (µg/L)																												
JP-4 Range Organics	52	U	50	UJc	50	U	50	U	2000	U	NA		NA		52	U	50	U	50	U	50	U	2000	U	NA		NA	
JP-5 Range Organics	52	U	50	UJc	50	UJc	50	U	250	U	100	U	100	U	52	U	50	U	50	UJc	50	U	250	U	NA		100	U
Diesel Range Organics	NA		NA		NA		NA		890	Y	200	Z	300	Y	NA		NA		NA		NA		250	U	100	U	100	Y
TPH - Weathered Diesel (C8-C26)	52	UJc	50	UJc	50	U	50	U	NA		NA		NA		52	U	50	UJc	50	U	50	U	NA		NA		NA	
TPH - Diesel F-76 (C8-C28)	52	U	50	UJc	50	U	50	U	250	U	100	U	100	U	52	U	50	U	50	U	50	U	250	U	100	U	100	U
Motor Oil Range Organics	NA		NA		NA		NA		1000	U	270	Z	100	U	NA		NA		NA		NA		1000	U	280	Z	100	U
Other Heavy TPH Components	52	U	890	Jcj	50	U	780	Y	250	U	NA		NA		52	U	360	Y	50	U	50	U	250	U	NA		NA	
TPH - Bunker Fuel (C10-C28)	1100	Jc	500	UJc	500	UJc	500	U	2000	U	100	U	100	U	520	U	500	UJc	500	UJc	500	U	2000	U	100	U	100	U
VOAs (µg/L)																												
1,1,1-Trichloroethane	2	U	2	U	2	U	2	U	1	U	2	U	2	U	2	U	2	U	2	UJh	2	U	1	U	2	U	2	U
1,1,2,2-Tetrachloroethane	NA		2	U	2	U	2	U	1	U	2	U	2	U	2	U	2	U	2	UJh	2	U	1	U	2	U	2	U
1,1,2-Trichloroethane	2	U	2	U	2	U	2	U	1	U	2	U	2	U	2	U	2	U	2	UJh	2	U	1	U	2	U	2	U
1,1-Dichloroethane	2	U	2	U	2	U	2	U	1	U	2	U	2	U	2	U	2	U	2	UJh	2	U	1	U	2	U	2	U
1,1-Dichloroethene	2	U	2	U	2	U	2	UJc	1	U	2	U	2	U	2	U	2	U	2	UJh	2	U	1	U	2	U	2	U
1,2-Dichlorobenzene	NA		NA		NA		NA		1	U	NA		NA		NA		NA		NA		NA		1	U	NA		NA	
1,2-Dichloroethane	2	U	2	U	2	U	2	U	1	U	0.5	U	0.5	U	2	U	2	U	2	UJh	2	U	1	U	0.5	U	0.5	U
1,2-Dichloroethene (total)	0.2	J	2	U	2	U	0.4	Jc	1	U	2	U	2	U	2	U	2	U	2	UJh	2	U	1	U	2	U	2	U
1,2-Dichloropropane	2	U	2	U	2	U	2	U	1	U	2	U	2	U	2	U	2	U	2	UJh	2	U	1	U	2	U	2	U
1,3-Dichlorobenzene	NA		NA		NA		NA		1	U	NA		NA		NA		NA		NA		NA		1	U	NA		NA	
1,4-Dichlorobenzene	NA		NA		NA		NA		1	U	NA		NA		NA		NA		NA		NA		1	U	NA		NA	
2-Butanone	2	U	2	U	2	UJc	2	U	5	U	2	U	2	U	2	U	2	U	2	UJh	2	U	5	U	2	U	2	U
2-Hexanone	2	U	2	U	2	UJc	2	U	5	U	2	U	2	U	2	U	2	U	2	UJh,c	2	U	5	U	2	U	2	U
4-Methyl-2-Pentanone	2	U	2	U	2	U	2	U	11	B	2	U	2	U	2	U	2	U	2	UJh	2	U	0.93	BJ	2	U	2	U
Acetone	2	U	2	U	2	UJc	3	UJb,c	5	UJc	2	UJc	2	UJc	2	UJc	2	U	2	UJh,c	2	UJb,c	5	UJc	2	UJb,c	2	UJc
Benzene	2	Ub	2	U	2	U	0.3	J	1	U	0.5	U	0.5	U	2	U	2	U	2	UJh	0.08	J	1	U	0.5	U	0.5	U
Bromodichloromethane	2	U	2	U	2	U	2	U	1.2		2	U	2	U	2	U	2	U	2	UJh	2	U	1	U	2	U	2	U
Bromoform	NA		2	U	2	U	2	U	3.3		2	U	2	U	2	U	2	U	2	UJh	2	U	1	U	2	U	2	U
Bromomethane	2	U	2	U	2	U	2	U	1	U	2	U	2	U	2	U	2	U	2	UJh	2	U	1	U	2	U	2	U
Carbon Disulfide	0.05	J	0.2	J	0.3	J	2	UJb,c	2.7		2	U	2	U	2	U	2	U	2	UJh	2	U	1.1		2	U	0.4	Jg
Carbon Tetrachloride	2	U	2	U	2	U	1	J	17		0.5	U	0.5	U	2	U	2	U	2	UJh	2	U	1	U	0.5	U	0.5	U
Chlorobenzene	2	U	2	U	2	U	2	U	1	U	2	U	2	U	2	U	2	U	2	UJh	2	U	1	U	2	U	2	U
Chloroethane	2	U	2	U	2	U	2	U	1	U	2	U	2	U	2	U	2	U	2	UJh	2	U	1	U	2	U	2	U
Chloroform	2	U	2	U	2	U	1	J	9.9		0.3	J	2	U	2	U	2	U	2	UJh	2	U	1	U	2	U	2	U
Chloromethane	2	U	2	U	2	U	2	UJc	1	U	2	U	0.4	Jg	2	U	2	U	2	UJh	2	U	1	U	2	U	2	U
Cis-1,2-Dichloroethene	NA		NA		NA		NA		1	U	NA		NA		NA		NA		NA		NA		1	U	NA		NA	
Cis-1,3-Dichloropropene	2	U	2	U	2	U	2	U	1	U	0.5	U	0.5	U	2	U	2	U	2	UJh	2	U	1	U	0.5	U	0.5	U
Dibromochloromethane	2	U	2	U	2	U	2	U	1.4		2	U	2	U	2	U	2	U	2	UJh	2	U	1	U	2	U	2	U
Ethylbenzene	2	U	2	U	2	U	0.4	J	1	U	2	U	0.4	Jg	2	U	2	U	2	UJh	2	U	1	U	2	U	2	U

TABLE 5
GROUNDWATER DATA SUMMARY FOR DRUM LOT 1

POINT NAME	MW11-55													
SAMPLE DATE	23-Mar-94		28-Jun-94		22-Sep-94		17-Dec-94		04-Oct-96		08-Nov-97		07-Apr-98	
SAMPLE MEDIUM	Water		Water		Water		Water		Water		Water		Water	
Methyl-T-Butyl-Ether	NA		NA		NA		NA		NA		NA		NA	
Methylene Chloride	2	U	2	U	2	UJb,c	2	UJc	2	U	2	U	2	U
O-Xylene	NA		NA		NA		NA		1	U	NA		NA	
Styrene	2	U	2	U	2	U	2	U	1	U	2	U	2	U
Tetrachloroethene	2	U	2	U	2	U	2	U	1.9		2	U	2	U
Toluene	2	U	2	U	2	U	0.3	J	1	U	2	U	2	U
Trans-1,2-Dichloroethene	NA		NA		NA		NA		1	U	NA		NA	
Trans-1,3-Dichloropropene	2	U	2	U	2	U	2	U	1	U	0.5	U	0.5	U
Trichloroethene	2	U	2	U	2	U	2	U	1	U	2	U	2	U
Vinyl Chloride	2	U	2	U	2	U	2	U	1	U	0.5	U	0.5	U
Xylene (total)	2	Ub	2	U	2	U	2	Ub	1	U	2	U	0.5	Jg
SVOA (µg/L) (EPA 8270C)														
1-Methylnaphthalene	NA		NA		NA		NA		NA		NA		NA	
1,2,4-Trichlorobenzene	10	U	10	U	10	U	10	U	5	U	1	U	NA	
1,2-Dichlorobenzene	10	U	10	U	10	U	10	U	5	U	1	U	NA	
1,3-Dichlorobenzene	10	U	10	U	10	U	10	U	5	U	1	U	NA	
1,4-Dichlorobenzene	10	U	10	U	10	U	10	U	5	U	1	U	NA	
2,2'-Oxybis(1-Chloropropane)	10	U	10	U	10	U	10	U	5	U	1	U	NA	
2,4,5-Trichlorophenol	25	U	25	U	25	U	25	U	20	U	3	U	NA	
2,4,6-Trichlorophenol	10	U	10	U	10	U	10	U	5	U	1	U	NA	
2,4-Dichlorophenol	10	U	10	U	10	U	10	U	5	U	1	U	NA	
2,4-Dimethylphenol	10	U	10	U	10	U	10	U	5	U	1	U	NA	
2,4-Dinitrophenol	25	U	25	U	25	U	25	U	20	U	1	U	NA	
2,4-Dinitrotoluene	10	U	10	U	10	U	10	U	5	U	1	U	NA	
2,6-Dinitrotoluene	10	U	10	U	10	U	10	U	5	U	NA		NA	
2-Chloronaphthalene	10	U	10	U	10	U	10	U	5	U	1	U	NA	
2-Chlorophenol	10	U	10	U	10	U	10	U	5	U	1	U	NA	
2-Methylnaphthalene	10	U	10	U	10	U	10	U	5	U	1	U	NA	
2-Methylphenol	10	U	10	U	10	U	10	U	5	U	1	U	NA	
2-Nitroaniline	25	U	25	U	25	U	25	U	20	U	3	U	NA	
2-Nitrophenol	10	U	10	U	10	U	10	U	5	U	1	U	NA	
3,3'-Dichlorobenzidine	10	UJc	10	U	10	U	10	UJc	5	U	1	U	NA	
3-Nitroaniline	25	U	25	UJc	25	UJc	25	UJc	20	U	3	U	NA	
4,6-Dinitro-2-Methylphenol	25	U	25	U	25	U	25	U	20	U	3	U	NA	
4-Bromophenyl-Phenylether	10	U	10	U	10	U	10	U	5	U	1	U	NA	
4-Chloro-3-Methylphenol	10	U	10	U	10	U	10	U	5	U	1	U	NA	
4-Chloroaniline	10	UJc	10	U	10	U	10	U	5	U	1	U	NA	
4-Chlorophenyl-Phenylether	10	U	10	U	10	U	10	U	5	U	1	U	NA	
4-Methylphenol	10	U	10	U	10	U	10	U	5	U	1	U	NA	
4-Nitroaniline	25	U	25	U	25	U	25	U	20	U	3	U	NA	
4-Nitrophenol	25	U	25	UJc	25	U	25	U	20	U	3	Jc	NA	
Acenaphthene	10	U	10	U	10	U	10	U	5	U	1	U	NA	
Acenaphthylene	10	U	10	U	10	U	10	U	5	U	1	U	NA	
Anthracene	10	U	10	U	10	U	10	U	5	U	1	U	NA	
Benzo(a)anthracene	10	U	10	U	10	U	10	U	5	U	1	U	NA	
Benzo(a)pyrene	10	U	10	U	10	U	10	U	5	U	1	U	NA	
Benzo(b)fluoranthene	10	U	10	U	10	U	10	U	5	U	1	U	NA	

POINT NAME	MW11-56													
SAMPLE DATE	30-Mar-94		28-Jun-94		23-Sep-94		17-Dec-94		04-Oct-96		07-Nov-97		07-Apr-98	
SAMPLE MEDIUM	Water		Water		Water		Water		Water		Water		Water	
Methyl-T-Butyl-Ether	NA		NA		NA		NA		NA		NA		NA	
Methylene Chloride	2	U	2	U	2	UJh	2	Ub	2	U	1	J	2	U
O-Xylene	NA		NA		NA		NA		1	U	NA		NA	
Styrene	2	U	2	U	2	UJh	2	U	1	U	2	U	2	U
Tetrachloroethene	2	U	2	U	2	UJh	2	U	1	U	2	U	2	U
Toluene	2	U	2	U	2	UJh	2	U	1	U	2	U	2	U
Trans-1,2-Dichloroethene	NA		NA		NA		NA		1	U	NA		NA	
Trans-1,3-Dichloropropene	2	U	2	U	2	UJh	2	U	1	U	0.5	U	0.5	U
Trichloroethene	2	U	2	U	2	UJh	0.6	J	1	U	0.5	J	2	U
Vinyl Chloride	2	U	2	U	2	UJh	2	U	1	U	0.5	U	0.5	U
Xylene (total)	2	U	2	U	2	UJh	2	U	1	U	0.4	J	2	U
SVOA (µg/L) (EPA 8270C)														
1-Methylnaphthalene	NA		NA		NA		NA		NA		NA		NA	
1,2,4-Trichlorobenzene	10	U	NA		NA		NA		5	U	1	U	NA	
1,2-Dichlorobenzene	10	U	NA		NA		NA		5	U	1	U	NA	
1,3-Dichlorobenzene	10	U	NA		NA		NA		5	U	1	U	NA	
1,4-Dichlorobenzene	10	U	NA		NA		NA		5	U	1	U	NA	
2,2'-Oxybis(1-Chloropropane)	10	U	NA		NA		NA		5	U	1	U	NA	
2,4,5-Trichlorophenol	25	U	NA		NA		NA		20	U	3	U	NA	
2,4,6-Trichlorophenol	10	U	NA		NA		NA		5	U	1	U	NA	
2,4-Dichlorophenol	10	U	NA		NA		NA		5	U	1	U	NA	
2,4-Dimethylphenol	10	U	NA		NA		NA		5	U	1	U	NA	
2,4-Dinitrophenol	25	U	NA		NA		NA		20	U	1	U	NA	
2,4-Dinitrotoluene	10	U	NA		NA		NA		5	U	1	U	NA	
2,6-Dinitrotoluene	10	U	NA		NA		NA		5	U	NA		NA	
2-Chloronaphthalene	10	U	NA		NA		NA		5	U	1	U	NA	
2-Chlorophenol	10	U	NA		NA		NA		5	U	1	U	NA	
2-Methylnaphthalene	10	U	NA		NA		NA		5	U	1	U	NA	
2-Methylphenol	10	U	NA		NA		NA		5	U	1	U	NA	
2-Nitroaniline	25	U	NA		NA		NA		20	U	3	U	NA	
2-Nitrophenol	10	U	NA		NA		NA		5	U	1	U	NA	
3,3'-Dichlorobenzidine	10	UJc	NA		NA		NA		5	U	1	U	NA	
3-Nitroaniline	25	U	NA		NA		NA		20	U	3	U	NA	
4,6-Dinitro-2-Methylphenol	25	U	NA		NA		NA		20	U	3	U	NA	
4-Bromophenyl-Phenylether	10	UJc	NA		NA		NA		5	U	1	U	NA	
4-Chloro-3-Methylphenol	10	U	NA		NA		NA		5	U	1	U	NA	
4-Chloroaniline	10	UJc	NA		NA		NA		5	U	1	U	NA	
4-Chlorophenyl-Phenylether	10	U	NA		NA		NA		5	U	1	U	NA	
4-Methylphenol	10	U	NA		NA		NA		5	U	1	U	NA	
4-Nitroaniline	25	U	NA		NA		NA		20	U	3	U	NA	
4-Nitrophenol	25	U	NA		NA		NA		20	U	3	U	NA	
Acenaphthene	10	U	NA		NA		NA		5	U	1	U	NA	
Acenaphthylene	10	U	NA		NA		NA		5	U	1	U	NA	
Anthracene	10	U	NA		NA		NA		5	U	1	U	NA	
Benzo(a)anthracene	10	U	NA		NA		NA		5	U	1	U	NA	
Benzo(a)pyrene	10	U	NA		NA		NA		5	U	1	U	NA	
Benzo(b)fluoranthene	10	U	NA		NA		NA		5	U	1	U	NA	

TABLE 5
GROUNDWATER DATA SUMMARY FOR DRUM LOT 1

POINT NAME	MW11-55														MW11-56													
SAMPLE DATE	23-Mar-94		28-Jun-94		22-Sep-94		17-Dec-94		04-Oct-96		08-Nov-97		07-Apr-98		30-Mar-94		28-Jun-94		23-Sep-94		17-Dec-94		04-Oct-96		07-Nov-97		07-Apr-98	
SAMPLE MEDIUM	Water		Water		Water		Water		Water		Water		Water		Water		Water		Water		Water		Water		Water		Water	
Benzo(g,h,i)perylene	10	U	10	U	10	U	10	U	5	U	1	U	NA		10	U	NA		NA		NA		5	U	1	U	NA	
Benzo(k)fluoranthene	10	U	10	U	10	U	10	U	5	U	1	U	NA		10	U	NA		NA		NA		5	U	1	U	NA	
Bis(2-Chloroethoxy)methane	10	U	10	U	10	U	10	U	5	U	1	U	NA		10	U	NA		NA		NA		5	U	1	U	NA	
Bis(2-Chloroethyl)ether	10	U	10	U	10	U	10	U	5	U	1	U	NA		10	U	NA		NA		NA		5	U	1	U	NA	
Bis(2-Ethylhexyl)phthalate	10	Ub	10	Ub	12		10	Ub	5	U	1	U	NA		10	U	NA		NA		NA		5	U	1	U	NA	
Butylbenylphthalate	10	U	10	Ub	2	J	10	U	5	U	1	U	NA		10	U	NA		NA		NA		5	U	1	U	NA	
Carbazole	10	U	10	U	10	U	10	U	5	U	1	U	NA		10	U	NA		NA		NA		5	U	1	U	NA	
Chrysene	10	U	10	U	10	U	10	U	5	U	1	U	NA		10	U	NA		NA		NA		5	U	1	U	NA	
DI-N-Butylphthalate	10	U	10	U	10	U	10	U	5	U	0.3	J	NA		10	U	NA		NA		NA		5	U	0.3	J	NA	
Di-N-Octylphthalate	10	U	10	U	10	U	10	U	5	U	1	U	NA		10	U	NA		NA		NA		5	U	1	U	NA	
Dibenzo(a,h)anthracene	10	U	10	U	10	U	10	U	5	U	1	U	NA		10	U	NA		NA		NA		5	U	1	U	NA	
Dibenzofuran	10	U	10	U	10	U	10	U	5	U	1	U	NA		10	U	NA		NA		NA		5	U	1	U	NA	
Diethylphthalate	10	U	10	U	10	U	10	U	5	U	1	U	NA		10	U	NA		NA		NA		5	U	1	U	NA	
Dimethylphthalate	10	U	10	U	10	U	10	U	5	U	1	U	NA		10	U	NA		NA		NA		5	U	1	U	NA	
Fluoranthene	10	U	10	U	10	U	10	U	5	U	1	U	NA		10	U	NA		NA		NA		5	U	1	U	NA	
Fluorene	10	U	10	U	10	U	10	U	5	U	1	U	NA		10	U	NA		NA		NA		5	U	1	U	NA	
Hexachlorobenzene	10	U	10	U	10	U	10	U	5	U	1	U	NA		10	UJc	NA		NA		NA		5	U	1	U	NA	
Hexachlorobutadiene	10	U	10	U	10	U	10	U	5	U	1	U	NA		10	U	NA		NA		NA		5	U	1	U	NA	
Hexachlorocyclopentadiene	10	U	10	U	10	U	10	U	5	UJc	1	Jc	NA		10	U	NA		NA		NA		5	UJc	1	Jc	NA	
Hexachloroethane	10	U	10	U	10	U	10	U	5	U	1	U	NA		10	U	NA		NA		NA		5	U	1	U	NA	
Indeno(1,2,3-cd)pyrene	10	U	10	U	10	U	10	U	5	U	1	U	NA		10	U	NA		NA		NA		5	U	1	U	NA	
Isophorone	10	U	10	U	10	U	10	U	5	U	1	U	NA		10	U	NA		NA		NA		5	U	1	U	NA	
N-Nitroso-Di-N-Propylamine	10	U	10	U	10	U	10	U	5	U	1	U	NA		10	U	NA		NA		NA		5	U	1	U	NA	
N-Nitrosodiphenylamine (1)	10	U	10	U	10	U	10	U	5	U	1	U	NA		10	UJc	NA		NA		NA		5	U	1	U	NA	
Naphthalene	10	U	10	U	10	U	10	U	5	U	1	U	NA		10	U	NA		NA		NA		5	U	1	U	NA	
Nitrobenzene	10	U	10	U	10	U	10	U	5	U	1	U	NA		10	U	NA		NA		NA		5	U	1	U	NA	
Pentachlorophenol	25	U	25	UJc	25	U	25	U	20	U	3	U	NA		25	U	NA		NA		NA		20	U	3	U	NA	
Phenanthrene	10	U	10	U	10	U	10	U	5	U	1	U	NA		10	U	NA		NA		NA		5	U	1	U	NA	
Phenol	10	U	10	U	10	U	10	U	5	U	1	U	NA		10	U	NA		NA		NA		5	U	1	U	NA	
Pyrene	10	U	10	U	10	U	10	U	5	U	1	U	NA		10	U	NA		NA		NA		5	U	1	U	NA	
PAHs (µg/L) (EPA 8310)																												
1-Methylnaphthalene	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
2-Methylnaphthalene	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
Acenaphthene	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
Acenaphthylene	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
Anthracene	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
Benzo(a)Anthracene	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
Benzo(a)Pyrene	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
Benzo(b)Fluoranthene	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
Benzo(g,h,i)Perylene	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
Benzo(k)Fluoranthene	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
Chrysene	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
Dibenzo(a,h)Anthracene	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
Fluoranthene	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
Fluorene	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
Indeno(1,2,3-cd)Pyrene	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
Naphthalene	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
Phenanthrene	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
Pyrene	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	

TABLE 5
GROUNDWATER DATA SUMMARY FOR DRUM LOT 1

POINT NAME	MW11-57																MW11-80		MW11-81		MW11-82		MW11-83		MW11-85	
SAMPLE DATE	28-Mar-94		30-Jun-94		24-Sep-94		20-Dec-94		02-Oct-96		05-Nov-97		06-Apr-98		22-Jan-99		24-Feb-99		26-Feb-99		09-Mar-99		04-Mar-99		19-Feb-99	
SAMPLE MEDIUM	Water		Water		Water		Water		Water		Water		Water		Water		Water		Water		Water		Water		Water	
TPH Purgeable (µg/L)																										
Gasoline	50	U	250	U	50	UJc	100	UJj	170		50	U	210	Y	380		370	Z	230	Z	480	Z	50	U	660	Z
Other Light TPH Components	910	Y	640	Ja	2000	YZ	2400	Y	NA		NA		NA		NA		NA		NA		NA		NA		NA	
MTBE	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
Benzene	0.5	U	2	U	0.5	U	5		NA		0.5	U	NA		NA		NA		NA		NA		NA		NA	
Ethylbenzene	0.5	U	2	U	0.5	U	1	U	NA		0.5	U	NA		NA		NA		NA		NA		NA		NA	
Toluene	0.5	U	2	U	0.5	U	1	U	NA		0.5	U	NA		NA		NA		NA		NA		NA		NA	
Xylene (Total)	0.5	U	2	U	0.5	U	12		NA		NA		NA		NA		NA		NA		NA		NA		NA	
TPH Extractable (µg/L)																										
JP-4 Range Organics	50	U	250	U	NA		50	U	2000	U	NA		NA		NA		NA		NA		NA		NA		NA	
JP-5 Range Organics	50	U	250	U	NA		50	U	250	U	100	U	100	U	100	U	100	U	100	U	100	U	100	UJc	800	
Diesel Range Organics	NA		NA		NA		NA		250	U	100	U	600	Y	750	Y	100	U	1300	Y	100	U	50	Jg	600	Y
TPH - Weathered Diesel (C8-C26)	50	U	250	U	NA		50	U	NA		NA		NA		NA		NA		NA		NA		NA		NA	
TPH - Diesel F-76 (C8-C28)	50	U	250	U	NA		50	U	250	U	100	U	100	U	NA		100	U	100	U	100	U	100	U	500	U
Motor Oil Range Organics	NA		NA		NA		NA		1000	U	100	U	100	U	100	U	100	U	100	U	120	U	120	U	500	U
Other Heavy TPH Components	50	U	250	U	NA		50	U	250	U	NA		NA		NA		NA		NA		NA		NA		NA	
TPH - Bunker Fuel (C10-C28)	5500		28000	Ja	6600	Ja,c	9000		2300	Y	1200	Y	100	U	NA		100	U	100	U	100	U	100	U	500	U
VOAs (µg/L)																										
1,1,1-Trichloroethane	2	U	2	U	2	U	2	U	1	U	2	U	2	U	10	U	2	U	2	U	2	U	2	U	10	U
1,1,2,2-Tetrachloroethane	2	U	2	U	2	U	2	U	1	U	2	U	2	U	10	U	2	U	2	U	2	U	2	U	10	U
1,1,2-Trichloroethane	2	U	2	U	2	U	2	UJc	1	U	2	U	2	U	10	U	2	U	2	U	2	U	2	U	10	U
1,1-Dichloroethane	2	U	2	U	2	U	2	U	1	U	2	U	2	U	10	U	2	U	2	U	2	U	2	U	10	U
1,1-Dichloroethene	2	U	2	U	2	U	0.1	Ja	1	U	2	U	2	U	10	U	2	U	2	U	2	U	2	U	10	U
1,2-Dichlorobenzene	NA		NA		NA		NA		0.55	J	NA		NA		NA		NA		NA		NA		NA		NA	
1,2-Dichloroethane	2	U	2	U	2	U	2	U	1	U	0.5	U	0.5	U	10	U	0.5	U	0.5	U	0.5	U	0.5	U	10	U
1,2-Dichloroethene (total)	8		1	J	0.6	J	11	Ja	1.1		0.6	J	2		10	U	2	Jg	2	U	2	U	2	U	10	U
1,2-Dichloropropane	2	U	2	U	2	U	2	U	1	U	2	U	2	U	10	U	2	U	2	U	2	U	2	U	10	U
1,3-Dichlorobenzene	NA		NA		NA		NA		0.52	J	NA		NA		NA		NA		NA		NA		NA		NA	
1,4-Dichlorobenzene	NA		NA		NA		NA		0.51	J	NA		NA		NA		NA		NA		NA		NA		NA	
2-Butanone	2	U	2	U	2	U	2	U	5	U	2	U	2	U	10	U	2	U	0.5	Jg	2	UJc	2	U	10	UJc
2-Hexanone	2	U	2	U	2	UJc	2	UJc	5	UJc	2	U	2	U	10	U	2	UJc	2	U	2	U	2	U	10	UJc
4-Methyl-2-Pentanone	2	U	2	U	2	U	2	U	5	UJc	2	U	2	U	10	U	2	U	2	U	2	U	2	U	10	U
Acetone	13		2	UJb,c	3	UJb,c	4	UJb,c	5	UJc	2	Jc	2	UJc	10	UJc	2	UJb,c	2	UJb,c	2	UJc	2	UJc	10	Jb,c
Benzene	0.7	J	0.5	J	0.1	J	1	Ja	0.54	J	0.5	U	0.6		10	U	0.5	U	0.5	U	0.5	U	0.5	U	10	U
Bromodichloromethane	2	U	2	U	2	U	2	U	1	U	2	U	2	U	10	U	2	U	2	U	2	U	2	U	10	U
Bromoform	2	U	2	U	2	U	2	U	1	U	2	U	2	U	10	U	2	U	2	U	2	U	2	U	10	U
Bromomethane	2	U	2	U	2	U	2	U	1	U	2	U	2	U	10	U	2	U	2	U	2	U	2	U	10	U
Carbon Disulfide	2	U	2	U	2	U	2	U	0.51	J	2	U	2	U	0.9	Jg	2	U	2	U	2	U	2	U	10	U
Carbon Tetrachloride	2	U	2	U	2	U	2	U	1	U	0.5	U	0.5	U	10	U	0.5	U	0.5	U	0.5	U	0.5	U	10	U
Chlorobenzene	2	U	2	U	2	U	2	U	1	U	2	U	2	U	10	U	2	U	2	U	2	U	2	U	10	U
Chloroethane	2	U	2	U	2	U	2	U	1	U	2	U	2	U	10	U	2	U	2	U	2	U	2	U	10	U
Chloroform	2	U	2	U	2	U	2	U	1	U	2	U	2	U	10	U	2	U	2	U	2	U	2	U	0.5	Jg
Chloromethane	2	U	2	U	2	U	2	U	1	U	2	U	2	U	10	U	2	U	2	U	2	U	2	U	10	U
Cis-1,2-Dichloroethene	NA		NA		NA		NA		1		NA		NA		NA		NA		NA		NA		NA		NA	
Cis-1,3-Dichloropropene	2	U	2	U	2	U	2	U	1	U	0.5	U	0.5	U	10	U	0.5	U	0.5	U	0.5	U	0.5	U	10	U
Dibromochloromethane	2	U	2	U	2	U	2	U	1	U	2	U	2	U	10	UJc	2	U	2	U	2	U	2	U	10	U
Ethylbenzene	2	U	2	U	2	U	2	U	1	U	2	U	2	U	10	U	2	U	2	U	2	U	2	U	2	Jg

TABLE 5
GROUNDWATER DATA SUMMARY FOR DRUM LOT 1

POINT NAME	MW11-57																MW11-80		MW11-81		MW11-82		MW11-83		MW11-85	
SAMPLE DATE	28-Mar-94		30-Jun-94		24-Sep-94		20-Dec-94		02-Oct-96		05-Nov-97		06-Apr-98		22-Jan-99		24-Feb-99		26-Feb-99		09-Mar-99		04-Mar-99		19-Feb-99	
SAMPLE MEDIUM	Water		Water		Water		Water		Water		Water		Water		Water		Water		Water		Water		Water		Water	
Methyl-T-Butyl-Ether	NA		NA		NA		NA		NA		NA		NA		10	U	NA		NA		NA		NA		NA	
Methylene Chloride	2	U	2	Ub	2	U	2	U	2	U	2	U	2	U	10	UJb	2	U	2	U	2	U	2	U	10	U
O-Xylene	NA		NA		NA		NA		1	U	NA		NA		NA		NA		NA		NA		NA		NA	
Styrene	2	U	2	U	2	U	2	U	1	U	2	U	2	U	10	U	2	U	2	U	2	U	2	U	10	U
Tetrachloroethene	2	U	2	U	2	U	2	U	1	U	2	U	2	U	10	U	2	U	2	U	2	U	2	U	10	U
Toluene	2	U	2	U	2	U	2	Ub	0.55	J	2	U	2	U	10	U	2	U	2	U	2	U	2	U	10	U
Trans-1,2-Dichloroethene	NA		NA		NA		NA		1	U			NA		NA		NA		NA		NA		NA		NA	
Trans-1,3-Dichloropropene	2	U	2	U	2	U	2	U	1	U	0.5	U	0.5	U	10	U	0.5	U	0.5	U	0.5	U	0.5	U	10	U
Trichloroethene	2	U	2	U	2	U	2	U	1	U	2	U	2	U	10	U	1	Jg	2	U	2	U	2	U	0.9	Jg
Vinyl Chloride	11		8		2	U	19	Ja	0.71	J	0.5	U	4		10	U	2		0.5	U	0.5	U	0.5	U	10	U
Xylene (total)	10	Ub	2	U	2	U	0.4	Ja	0.91	J	2	U	2	U	10	U	2	U	2	U	2	U	2	U	0.7	Jg
SVOA (µg/L) (EPA 8270C)																										
1-Methylnaphthalene	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
1,2,4-Trichlorobenzene	10	U	10	U	10	U	10	U	5	U	1	U	1	U	10	U	1	U	1	UJa	1	U	1	U	NA	
1,2-Dichlorobenzene	10	U	10	U	10	U	10	U	5	U	1	U	1	U	5	U	1	U	1	UJa	1	U	1	U	NA	
1,3-Dichlorobenzene	10	U	10	U	10	U	10	U	5	U	1	U	1	U	5	U	1	U	1	UJa	1	U	1	U	NA	
1,4-Dichlorobenzene	10	U	10	U	10	U	10	U	5	U	1	U	1	U	5	U	1	U	1	UJa	1	U	1	U	NA	
2,2'-Oxybis(1-Chloropropane)	10	U	10	U	10	U	10	U	5	U	1	U	1	U	10	U	1	U	1	UJa	1	U	1	U	NA	
2,4,5-Trichlorophenol	26	U	25	U	25	U	25	U	20	U	3	U	3	U	25	U	3	U	3	U	3	U	3	U	NA	
2,4,6-Trichlorophenol	10	U	10	U	10	U	10	U	5	U	1	U	1	U	10	U	1	U	1	U	1	U	1	U	NA	
2,4-Dichlorophenol	10	U	10	U	10	U	10	U	5	U	1	U	1	U	10	U	1	U	1	U	1	U	1	U	NA	
2,4-Dimethylphenol	10	U	10	U	10	U	10	U	5	U	1	U	1	U	10	U	1	U	1	U	1	U	1	U	NA	
2,4-Dinitrophenol	26	U	25	U	25	U	25	U	20	U	NA		3	UJc	25	U	3	UJc	3	UJc	3	UJc	3	U	NA	
2,4-Dinitrotoluene	10	U	10	U	10	U	10	U	5	U	1	U	1	U	10	U	1	U	1	UJa	1	U	1	U	NA	
2,6-Dinitrotoluene	10	U	10	U	10	U	10	U	5	U	1	U	1	U	10	U	1	U	1	UJa	1	U	1	U	NA	
2-Chloronaphthalene	10	U	10	U	10	U	10	U	5	U	1	U	1	U	10	U	1	U	1	UJa	1	U	1	U	NA	
2-Chlorophenol	10	U	10	U	10	U	10	U	5	U	1	U	1	U	10	U	1	U	1	U	1	U	1	U	NA	
2-Methylnaphthalene	10	U	10	U	10	U	0.8	J	5	U	1	U	0.7	Jg	10	U	1	U	1	UJa	1	U	1	U	NA	
2-Methylphenol	10	U	10	U	10	U	10	U	5	U	1	U	1	U	10	U	1	U	1	U	1	U	1	U	NA	
2-Nitroaniline	26	U	25	U	25	U	25	U	20	U	3	U	3	U	25	U	3	U	3	UJa	3	U	3	U	NA	
2-Nitrophenol	10	U	10	U	10	U	10	U	5	U	1	U	1	U	10	U	1	U	1	U	1	U	1	U	NA	
3,3'-Dichlorobenzidine	10	UJc	10	U	10	U	10	UJ	5	U	1	U	1	UJc	10	UJc	1	U	1	UJa	1	U	1	UJc	NA	
3-Nitroaniline	26	UJc	25	UJc	25	UJc	25	UJ	20	U	3	U	3	U	25	U	3	U	3	UJa	3	U	3	UJc	NA	
4,6-Dinitro-2-Methylphenol	26	U	25	U	25	U	25	U	20	U	3	Jc	3	U	25	U	3	U	3	U	3	U	3	U	NA	
4-Bromophenyl-Phenylether	10	U	10	U	10	U	10	U	5	U	1	U	1	U	10	U	1	U	1	UJa	1	U	1	U	NA	
4-Chloro-3-Methylphenol	10	U	10	U	10	U	10	U	5	U	1	U	1	U	10	UJc	1	U	1	U	1	U	1	U	NA	
4-Chloroaniline	10	UJc	10	U	10	U	10	U	5	U	1	U	1	U	10	U	1	UJc	1	UJa,c	1	U	1	UJc	NA	
4-Chlorophenyl-Phenylether	10	U	10	U	10	U	10	U	5	U	1	U	1	U	10	U	1	U	1	Uja	1	U	1	U	NA	
4-Methylphenol	10	U	10	U	10	U	10	U	5	U	1	U	1	U	10	U	1	U	1	U	1	U	1	U	NA	
4-Nitroaniline	26	U	25	U	25	U	25	U	20	U	3	U	3	U	25	UJc	3	U	0.2	Ja,g	3	U	3	U	NA	
4-Nitrophenol	26	U	25	U	25	U	25	U	20	U	3	Jc	3	U	25	UJc	3	U	3	U	3	UJc	3	U	NA	
Acenaphthene	10	U	10	U	10	U	10	U	5	U	1	U	0.3	Jg	10	U	1	U	1	UJa	1	U	1	U	NA	
Acenaphthylene	10	U	10	U	10	U	10	U	5	U	1	U	1	U	10	U	1	U	1	UJa	1	U	1	U	NA	
Anthracene	10	U	10	U	10	U	10	U	5	U	1	U	1	U	10	U	1	U	1	UJa	1	U	1	U	NA	
Benzo(a)anthracene	10	U	10	U	10	U	10	U	5	U	1	U	1	U	10	U	1	U	1	UJa	1	U	1	U	NA	
Benzo(a)pyrene	10	U	10	U	10	U	10	U	5	U	1	U	1	U	10	U	1	U	1	UJa	1	U	1	U	NA	
Benzo(b)fluoranthene	10	U	10	U	10	U	10	U	5	U	1	U	1	U	10	U	1	U	1	UJa	1	U	1	U	NA	

TABLE 5
GROUNDWATER DATA SUMMARY FOR DRUM LOT 1

POINT NAME	MW11-57																MW11-80		MW11-81		MW11-82		MW11-83		MW11-85	
SAMPLE DATE	28-Mar-94		30-Jun-94		24-Sep-94		20-Dec-94		02-Oct-96		05-Nov-97		06-Apr-98		22-Jan-99		24-Feb-99		26-Feb-99		09-Mar-99		04-Mar-99		19-Feb-99	
SAMPLE MEDIUM	Water		Water		Water		Water		Water		Water		Water		Water		Water		Water		Water		Water		Water	
Benzo(g,h,i)perylene	10	U	10	U	10	U	10	U	5	U	1	U	1	U	10	U	1	UJc	1	UJa,c	1	U	1	U	NA	
Benzo(k)fluoranthene	10	U	10	U	10	U	10	U	5	U	1	U	1	U	10	U	1	U	1	UJa	1	U	1	U	NA	
Bis(2-Chloroethoxy)methane	10	U	10	U	10	U	10	U	5	U	1	U	1	U	10	U	1	U	1	UJa	1	U	1	U	NA	
Bis(2-Chloroethyl)ether	10	U	10	U	10	U	10	U	5	U	1	U	1	U	10	U	1	U	1	UJa	1	U	1	U	NA	
Bis(2-Ethylhexyl)phthalate	10	U	10	Ub	10	U	26		5	U	1	U	0.7	UJb	4	UJc	6	Ujb,c	1	UJa,b,c	3	UJb,c	1	UJc	NA	
Butylbenylphthalate	10	U	10	Ub	10	Ub	2	J	5	U	1	U	0.2	UJ	10	U	1	U	1	UJa	1	UJb,c	1	U	NA	
Carbazole	10	UJc	10	U	10	U	10	U	5	U	1	U	1	U	10	U	1	U	1	UJa	1	U	1	U	NA	
Chrysene	10	U	10	U	10	U	10	U	5	U	1	U	1	U	10	U	1	U	1	UJa	1	U	1	U	NA	
DI-N-Butylphthalate	10	U	10	U	10	U	10	U	5	U	0.3	J	0.5	UJb	10	U	1	UJc	1	UJa,b	1	UJb,c	1	UJc	NA	
Di-N-Octylphthalate	10	U	10	U	10	U	10	U	5	U	1	U	1	U	10	U	1	U	1	UJa	1	UJc	1	UJc	NA	
Dibenzo(a,h)anthracene	10	U	10	U	10	U	10	U	5	U	1	U	1	U	10	U	1	U	1	UJa	1	U	1	U	NA	
Dibenzofuran	10	U	10	U	10	U	10	U	5	U	1	U	1	U	10	U	1	U	1	UJa	1	U	1	U	NA	
Diethylphthalate	10	U	10	U	10	U	10	U	5	U	1	U	0.07	UJb	10	U	2	Ujb,c	1	UJa,b,c	1	UJb,c	1	UJc	NA	
Dimethylphthalate	10	U	10	U	10	U	10	U	5	U	1	U	1	U	10	U	1	U	1	UJa	1	U	1	U	NA	
Fluoranthene	10	U	1	J	0.7	J	10	U	5	U	1	U	1	U	10	U	1	U	1	UJa	1	U	1	U	NA	
Fluorene	10	U	2	J	1	J	2	J	5	U	1	U	0.5	Jg	1	Jg	1	U	1	UJa	1	U	1	U	NA	
Hexachlorobenzene	10	UJc	10	U	10	U	10	U	5	U	1	U	1	U	10	U	1	U	1	UJa	1	U	1	U	NA	
Hexachlorobutadiene	10	U	10	U	10	U	10	U	5	U	1	U	1	U	10	U	1	U	1	UJa	1	U	1	U	NA	
Hexachlorocyclopentadiene	10	U	10	U	10	U	10	U	5	UJc	1	Jc	1	U	10	U	1	U	1	UJa	1	UJc	1	UJc	NA	
Hexachloroethane	10	U	10	U	10	U	10	U	5	U	1	U	1	U	10	UJc	1	U	1	UJa	1	U	1	U	NA	
Indeno(1,2,3-cd)pyrene	10	U	10	U	10	U	10	U	5	U	1	U	1	U	10	U	1	U	1	UJa	1	U	1	U	NA	
Isophorone	10	U	10	U	10	U	10	U	5	U	1	U	1	U	10	U	1	U	1	UJa	1	U	1	U	NA	
N-Nitroso-Di-N-Propylamine	10	U	10	U	10	U	10	U	5	U	1	U	1	U	10	U	1	U	1	UJa	1	U	1	U	NA	
N-Nitrosodiphenylamine (1)	10	UJc	10	U	10	U	10	U	5	U	1	U	1	U	10	U	1	U	1	UJa	1	U	1	U	NA	
Naphthalene	10	U	10	U	10	U	10	U	5	U	1	U	1	U	10	U	1	U	1	UJa	1	U	1	U	NA	
Nitrobenzene	10	U	10	U	10	U	10	U	5	U	1	U	1	U	10	U	1	U	1	UJa	1	U	1	U	NA	
Pentachlorophenol	26	U	25	U	25	UJc	25	U	20	U	3	Jc	3	UJc	25	UJc	3	U	3	U	3	U	3	U	NA	
Phenanthrene	10	U	10	U	10	U	10	U	5	U	1	U	0.1	Jg	10	U	1	U	1	UJa	1	U	1	U	NA	
Phenol	10	U	10	U	10	U	10	U	5	U	1	U	1	U	10	U	0.2	Jg	1	U	1	U	1	U	NA	
Pyrene	10	U	10	Ub	0.6	J	10	U	5	U	1	U	0.06	Jg	10	U	1	U	1	UJa	1	U	1	U	NA	
PAHs (µg/L) (EPA 8310)																										
1-Methylnaphthalene	NA		NA		NA		NA		NA		NA		NA		NA		1	UJc	1	UJc	1	U	1	U	1	U
2-Methylnaphthalene	NA		NA		NA		NA		NA		NA		NA		NA		1	UJc	1	UJc	1	U	1	U	1	U
Acenaphthene	NA		NA		NA		NA		NA		NA		NA		NA		5	U	5	U	5	U	5	UJc	5	U
Acenaphthylene	NA		NA		NA		NA		NA		NA		NA		NA		2	U	2	U	2	U	2	U	2	U
Anthracene	NA		NA		NA		NA		NA		NA		NA		NA		0.2	UJc	0.2	UJc	0.2	U	0.2	U	0.2	U
Benzo(a)Anthracene	NA		NA		NA		NA		NA		NA		NA		NA		0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
Benzo(a)Pyrene	NA		NA		NA		NA		NA		NA		NA		NA		0.2	U	0.2	U	0.2	U	0.2	UJc	0.2	U
Benzo(b)Fluoranthene	NA		NA		NA		NA		NA		NA		NA		NA		0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
Benzo(g,h,i)Perylene	NA		NA		NA		NA		NA		NA		NA		NA		0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
Benzo(k)Fluoranthene	NA		NA		NA		NA		NA		NA		NA		NA		0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
Chrysene	NA		NA		NA		NA		NA		NA		NA		NA		0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
Dibenzo(a,h)Anthracene	NA		NA		NA		NA		NA		NA		NA		NA		0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Fluoranthene	NA		NA		NA		NA		NA		NA		NA		NA		0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
Fluorene	NA		NA		NA		NA		NA		NA		NA		NA		1	U	1	U	1	U	1	UJc	1	U
Indeno(1,2,3-cd)Pyrene	NA		NA		NA		NA		NA		NA		NA		NA		0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
Naphthalene	NA		NA		NA		NA		NA		NA		NA		NA		5	U	5	U	5	U	5	U	5	U
Phenanthrene	NA		NA		NA		NA		NA		NA		NA		NA		1	U	1	U	1	U	1	U	1	U
Pyrene	NA		NA		NA		NA		NA		NA		NA		NA		0.2	U	0.2	U	0.2	U	0.2	UJc	0.2	U

TABLE 5
GROUNDWATER DATA SUMMARY FOR DRUM LOT 1

POINT NAME	MW11-86		MW11-88		MW11-89		PZ11-71								PZ11-72						PZ11-74					
SAMPLE DATE	19-Feb-99		25-Feb-99		25-Feb-99		05-Oct-96		08-Nov-97		03-Apr-98		21-Jan-99		04-Oct-96		08-Nov-97		07-Apr-98		02-Oct-96		07-Apr-98		21-Jan-99	
SAMPLE MEDIUM	Water		Water		Water		Water		Water		Water		Water		Water		Water		Water		Water		Water		Water	
TPH Purgeable (µg/L)																										
Gasoline	340	Z	2800	Y	60	Z	520		30	JZ	NA		50	UJb	76		50	U	50	U	50	U	NA		50	U
Other Light TPH Components	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
MTBE	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
Benzene	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
Ethylbenzene	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
Toluene	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
Xylene (Total)	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
TPH Extractable (µg/L)																										
JP-4 Range Organics	NA		NA		NA		2000	U	NA		NA		NA		2000	U	NA		NA		2000	U	NA		NA	
JP-5 Range Organics	500	U	100	U	100	U	250	U	100	U	100	U	100	U	250	U	100	U	100	U	250	U	100	U	100	U
Diesel Range Organics	3800	Y	2520	Y	540	Y	800	Y	200		100	U	100	U	250	U	100	U	240	Y	250	U	200	Y	100	U
TPH - Weathered Diesel (C8-C26)	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
TPH - Diesel F-76 (C8-C28)	500	U	100	U	100	U	250	U	100	U	100	U	NA		250	U	100	U	100	U	250	U	100	U	NA	
Motor Oil Range Organics	500	U	100	U	100	U	1000	U	200	Z	100	U	100	U	1000	U	460	Z	100	U	1000	U	100	U	100	U
Other Heavy TPH Components	NA		NA		NA		250	U	NA		NA		NA		250	U	NA		NA		700	Z	NA		NA	
TPH - Bunker Fuel (C10-C28)	500	U	100	U	100	U	2000	U	100	U	100	U	NA		2000	U	100	U	100	U	2000	U	100	U	NA	
VOAs (µg/L)																										
1,1,1-Trichloroethane	10	U	10	U	2	U	2	U	2	U	2	U	NA		1	U	2	U	2	U	1	U	2	U	NA	
1,1,2,2-Tetrachloroethane	10	U	10	U	2	U	2	U	2	U	2	U	NA		1	U	2	U	2	U	1	U	2	U	NA	
1,1,2-Trichloroethane	10	U	10	U	2	U	2	U	2	U	2	U	NA		1	U	2	U	2	U	1	U	2	U	NA	
1,1-Dichloroethane	10	U	10	U	2	U	2	U	2	U	2	U	NA		1	U	2	U	2	U	1	U	2	U	NA	
1,1-Dichloroethene	10	U	10	U	2	U	2	U	2	U	2	UJc	NA		1	U	2	U	2	U	1	U	2	U	NA	
1,2-Dichlorobenzene	NA		NA		NA		2	U	NA		NA		NA		1	U	NA		NA		1	U	NA		NA	
1,2-Dichloroethane	10	U	3	U	0.5	U	2	U	0.5	U	0.5	U	NA		1	U	0.5	U	0.5	U	1	U	0.5	U	NA	
1,2-Dichloroethene (total)	10	U	10	U	2	U	2	U	2	U	2	U	NA		1	U	2	U	2	U	1	U	2	U	NA	
1,2-Dichloropropane	10	U	10	U	2	U	2	U	2	U	2	U	NA		1	U	2	U	2	U	1	U	2	U	NA	
1,3-Dichlorobenzene	NA		NA		NA		2	U	NA		NA		NA		1	U	NA		NA		1	U	NA		NA	
1,4-Dichlorobenzene	NA		NA		NA		2	U	NA		NA		NA		1	U	NA		NA		1	U	NA		NA	
2-Butanone	10	UJc	10	U	2	U	10	UJc	2	U	2	U	NA		5	U	2	U	2	U	5	U	2	U	NA	
2-Hexanone	10	UJc	10	UJc	3		10	UJc	2	U	2	UJc	NA		5	U	2	U	2	U	5	UJc	2	U	NA	
4-Methyl-2-Pentanone	10	U	10	U	2	U	10	UJc	2	U	2	U	NA		18	B	2	U	2	U	5	UJc	2	U	NA	
Acetone	10	Jb,j	10	UJc	3	UJb,c	10	UJc	2	UJc	2	UJc	NA		5	UJc	2	UJc	2	UJc	5	UJc	2	UJc	NA	
Benzene	10	U	3	U	0.5	U	2	U	0.5	U	0.5	U	NA		1	U	0.5	U	0.5	U	1	U	0.5	U	NA	
Bromodichloromethane	10	U	10	U	2	U	2	U	2	U	2	U	NA		1	U	2	U	2	U	1	U	2	U	NA	
Bromoform	10	U	10	U	2	U	2	U	2	U	2	U	NA		1	U	2	U	2	U	1	U	2	U	NA	
Bromomethane	10	U	10	U	2	U	2	UJc	2	U	2	U	NA		1	U	2	U	2	U	1	U	2	U	NA	
Carbon Disulfide	10	U	10	U	2	U	2	U	2	U	2	U	NA		1	U	2	U	2	U	1	U	2	U	NA	
Carbon Tetrachloride	10	U	3	U	0.5	U	2	U	0.5	U	0.5	UJc	NA		1	U	0.5	U	0.5	U	1	U	0.5	U	NA	
Chlorobenzene	10	U	10	U	2	U	2	U	2	U	2	U	NA		1	U	2	U	2	U	1	U	2	U	NA	
Chloroethane	10	U	10	U	2	U	2	U	2	U	2	U	NA		1	U	2	U	2	U	1	U	2	U	NA	
Chloroform	10	U	10	U	2	U	2	U	2	U	2	U	NA		1	U	2	U	2	U	1	U	2	U	NA	
Chloromethane	10	U	4	Jg	2	U	2	U	2	U	2	U	NA		1	U	2	U	2	U	1	U	2	U	NA	
Cis-1,2-Dichloroethene	NA		NA		NA		2	U	NA		NA		NA		1	U	NA		NA		1	U	NA		NA	
Cis-1,3-Dichloropropene	10	U	3	U	0.5	U	2	U	0.5	U	0.5	U	NA		1	U	0.5	U	0.5	U	1	U	0.5	U	NA	
Dibromochloromethane	10	U	10	U	2	U	2	U	2	U	2	U	NA		1	U	2	U	2	U	1	U	2	U	NA	
Ethylbenzene	0.6	Jg	56		2	U	2	U	2	U	2	U	NA		1	U	2	U	2	U	1	U	2	U	NA	

TABLE 5
GROUNDWATER DATA SUMMARY FOR DRUM LOT 1

POINT NAME	MW11-86		MW11-88		MW11-89		PZ11-71								PZ11-72						PZ11-74					
SAMPLE DATE	19-Feb-99		25-Feb-99		25-Feb-99		05-Oct-96		08-Nov-97		03-Apr-98		21-Jan-99		04-Oct-96		08-Nov-97		07-Apr-98		02-Oct-96		07-Apr-98		21-Jan-99	
SAMPLE MEDIUM	Water		Water		Water		Water		Water		Water		Water		Water		Water		Water		Water		Water		Water	
Methyl-T-Butyl-Ether	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
Methylene Chloride	10	U	10	U	2	U	4	U	2	U	2	U	NA		2	U	2	U	2	U	2	Ub	2	U	NA	
O-Xylene	NA		NA		NA		2	U	NA		NA		NA		1	U	NA		NA		1	U	NA		NA	
Styrene	10	U	10	U	2	U	2	U	2	U	2	U	NA		1	U	2	U	2	U	1	U	2	U	NA	
Tetrachloroethene	10	U	10	U	2	U	2	U	2	U	2	U	NA		1	U	2	U	0.3	Jg	1	U	2	U	NA	
Toluene	10	U	4	Jg	2	U	2	U	2	U	2	U	NA		1	U	2	U	2	U	1	U	2	U	NA	
Trans-1,2-Dichloroethene	NA		NA		NA		2	U	NA		NA		NA		1	U	NA		NA		1	U	NA		NA	
Trans-1,3-Dichloropropene	10	U	3	U	0.5	U	2	U	0.5	U	0.5	U	NA		1	U	0.5	U	0.5	U	1	U	0.5	U	NA	
Trichloroethene	0.5	Jg	10	U	0.5	Jg	2	U	2	U	2	U	NA		1	U	2	U	2	U	1	U	2	U	NA	
Vinyl Chloride	10	U	3	U	0.5	U	2	U	0.5	U	0.5	U	NA		1	U	0.5	U	0.5	U	1	U	0.5	U	NA	
Xylene (total)	10	U	73		2	U	2	U	0.5	J	2	U	NA		1	U	2	U	2	U	1	U	2	U	NA	
SVOA (µg/L) (EPA 8270C)																										
1-Methylnaphthalene	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
1,2,4-Trichlorobenzene	NA		8	U	1	U	5	U	1	U	NA		NA		5	U	1	U	1	U	5	U	NA		NA	
1,2-Dichlorobenzene	NA		8	U	1	U	5	U	1	U	NA		NA		5	U	1	U	1	U	5	U	NA		NA	
1,3-Dichlorobenzene	NA		8	U	1	U	5	U	1	U	NA		NA		5	U	1	U	1	U	5	U	NA		NA	
1,4-Dichlorobenzene	NA		8	U	1	U	5	U	1	U	NA		NA		5	U	1	U	1	U	5	U	NA		NA	
2,2'-Oxybis(1-Chloropropane)	NA		8	U	1	U	5	U	1	U	NA		NA		5	U	1	U	1	U	5	U	NA		NA	
2,4,5-Trichlorophenol	NA		20	U	3	U	20	U	3	U	NA		NA		20	U	3	U	3	U	20	U	NA		NA	
2,4,6-Trichlorophenol	NA		8	U	1	U	5	U	1	U	NA		NA		5	U	1	U	1	U	5	U	NA		NA	
2,4-Dichlorophenol	NA		8	U	1	U	5	U	1	U	NA		NA		5	U	1	U	1	U	5	U	NA		NA	
2,4-Dimethylphenol	NA		8	U	1	U	5	U	1	U	NA		NA		5	U	1	U	1	U	5	U	NA		NA	
2,4-Dinitrophenol	NA		NA		NA		20	U	1	U	NA		NA		20	U	1	U	NA		20	U	NA		NA	
2,4-Dinitrotoluene	NA		8	U	1	U	5	U	1	U	NA		NA		5	U	1	U	1	U	5	U	NA		NA	
2,6-Dinitrotoluene	NA		8	U	1	U	5	U	NA		NA		NA		5	U	NA		1	U	5	U	NA		NA	
2-Chloronaphthalene	NA		8	U	1	U	5	U	1	U	NA		NA		5	U	1	U	1	U	5	U	NA		NA	
2-Chlorophenol	NA		8	U	1	U	5	U	1	U	NA		NA		5	U	1	U	1	U	5	U	NA		NA	
2-Methylnaphthalene	NA		7	Jg	1	U	5	U	1	U	NA		NA		5	U	1	U	1	U	5	U	NA		NA	
2-Methylphenol	NA		8	U	1	U	5	U	1	U	NA		NA		5	U	1	U	1	U	5	U	NA		NA	
2-Nitroaniline	NA		20	U	3	U	20	U	3	U	NA		NA		20	U	3	U	3	U	20	U	NA		NA	
2-Nitrophenol	NA		8	U	1	U	5	U	1	U	NA		NA		5	U	1	U	1	U	5	U	NA		NA	
3,3'-Dichlorobenzidine	NA		8	UJc	1	UJc	5	U	1	U	NA		NA		5	U	1	U	1	U	5	U	NA		NA	
3-Nitroaniline	NA		20	U	3	U	20	U	3	U	NA		NA		20	U	3	U	3	U	20	U	NA		NA	
4,6-Dinitro-2-Methylphenol	NA		20	UJc	3	UJc	20	U	3	U	NA		NA		20	U	3	U	3	U	20	U	NA		NA	
4-Bromophenyl-Phenylether	NA		8	U	1	U	5	U	1	U	NA		NA		5	U	1	U	1	U	5	U	NA		NA	
4-Chloro-3-Methylphenol	NA		8	U	1	U	5	U	1	U	NA		NA		5	U	1	U	1	U	5	U	NA		NA	
4-Chloroaniline	NA		8	UJc	1	UJc	5	U	1	U	NA		NA		5	U	1	U	1	U	5	U	NA		NA	
4-Chlorophenyl-Phenylether	NA		8	U	1	U	5	U	1	U	NA		NA		5	U	1	U	1	U	5	U	NA		NA	
4-Methylphenol	NA		8	U	1	U	5	U	1	U	NA		NA		5	U	1	U	1	U	5	U	NA		NA	
4-Nitroaniline	NA		20	U	3	U	20	U	3	U	NA		NA		20	U	3	U	3	U	20	U	NA		NA	
4-Nitrophenol	NA		20	U	3	U	20	U	3	Jc	NA		NA		20	U	3	Jc	3	U	20	U	NA		NA	
Acenaphthene	NA		8	U	1	U	5	U	1	U	NA		NA		5	U	1	U	1	U	5	U	NA		NA	
Acenaphthylene	NA		8	U	1	U	5	U	1	U	NA		NA		5	U	1	U	1	U	5	U	NA		NA	
Anthracene	NA		8	U	1	U	5	U	1	U	NA		NA		5	U	1	U	1	U	5	U	NA		NA	
Benzo(a)anthracene	NA		8	U	1	U	5	U	1	U	NA		NA		5	U	1	U	1	U	5	U	NA		NA	
Benzo(a)pyrene	NA		8	U	1	U	5	U	1	U	NA		NA		5	U	1	U	1	U	5	U	NA		NA	
Benzo(b)fluoranthene	NA		8	U	1	U	5	U	1	U	NA		NA		5	U	1	U	1	U	5	U	NA		NA	

TABLE 5
GROUNDWATER DATA SUMMARY FOR DRUM LOT 1

POINT NAME	MW11-86		MW11-88		MW11-89		PZ11-71						PZ11-72						PZ11-74				
SAMPLE DATE	19-Feb-99		25-Feb-99		25-Feb-99		05-Oct-96		08-Nov-97		03-Apr-98	21-Jan-99	04-Oct-96		08-Nov-97		07-Apr-98		02-Oct-96		07-Apr-98	21-Jan-99	
SAMPLE MEDIUM	Water		Water		Water		Water		Water		Water	Water	Water		Water		Water		Water		Water	Water	
Benzo(g,h,i)perylene	NA		8	U	1	U	5	U	1	U	NA	NA	5	U	1	U	1	U	5	U	NA	NA	
Benzo(k)fluoranthene	NA		8	U	1	U	5	U	1	U	NA	NA	5	U	1	U	1	U	5	U	NA	NA	
Bis(2-Chloroethoxy)methane	NA		8	U	1	U	5	U	1	U	NA	NA	5	U	1	U	1	U	5	U	NA	NA	
Bis(2-Chloroethyl)ether	NA		8	U	1	U	5	U	1	U	NA	NA	5	U	1	U	1	U	5	U	NA	NA	
Bis(2-Ethylhexyl)phthalate	NA		8	UJb	1	UJb	5	U	1	U	NA	NA	5	U	1	U	0.3	UJb	5	U	NA	NA	
Butylbenylphthalate	NA		8	U	1	UJb	5	U	1	U	NA	NA	5	U	1	U	1	U	5	U	NA	NA	
Carbazole	NA		8	U	1	U	5	U	1	U	NA	NA	5	U	1	U	1	U	5	U	NA	NA	
Chrysene	NA		8	U	1	U	5	U	1	U	NA	NA	5	U	1	U	1	U	5	U	NA	NA	
DI-N-Butylphthalate	NA		8	U	1	UJb	5	U	0.5	J	NA	NA	5	U	0.6	J	0.3	UJb	5	U	NA	NA	
Di-N-Octylphthalate	NA		8	U	1	U	5	U	1	U	NA	NA	5	U	1	U	1	U	5	U	NA	NA	
Dibenzo(a,h)anthracene	NA		8	U	1	U	5	U	1	U	NA	NA	5	U	1	U	1	U	5	U	NA	NA	
Dibenzofuran	NA		8	U	1	U	5	U	1	U	NA	NA	5	U	1	U	1	U	5	U	NA	NA	
Diethylphthalate	NA		8	UJc	1	UJb,c	5	U	1	U	NA	NA	5	U	1	U	1	U	5	U	NA	NA	
Dimethylphthalate	NA		8	U	1	U	5	U	1	U	NA	NA	5	U	1	U	1	U	5	U	NA	NA	
Fluoranthene	NA		8	U	1	U	5	U	1	U	NA	NA	5	U	1	U	1	U	5	U	NA	NA	
Fluorene	NA		8	U	1	U	5	U	1	U	NA	NA	5	U	1	U	1	U	5	U	NA	NA	
Hexachlorobenzene	NA		8	U	1	U	5	U	1	U	NA	NA	5	U	1	U	1	U	5	U	NA	NA	
Hexachlorobutadiene	NA		8	U	1	U	5	U	1	U	NA	NA	5	U	1	U	1	U	5	U	NA	NA	
Hexachlorocyclopentadiene	NA		8	UJc	1	UJc	5	UJc	1	Jc	NA	NA	5	UJc	1	Jc	1	U	5	UJc	NA	NA	
Hexachloroethane	NA		8	U	1	U	5	U	1	U	NA	NA	5	U	1	U	1	U	5	U	NA	NA	
Indeno(1,2,3-cd)pyrene	NA		8	U	1	U	5	U	1	U	NA	NA	5	U	1	U	1	U	5	U	NA	NA	
Isophorone	NA		8	U	1	U	5	U	1	U	NA	NA	5	U	1	U	1	U	5	U	NA	NA	
N-Nitroso-Di-N-Propylamine	NA		8	U	1	U	5	U	1	U	NA	NA	5	U	1	U	1	U	5	U	NA	NA	
N-Nitrosodiphenylamine (1)	NA		8	U	1	U	5	U	1	U	NA	NA	5	U	1	U	1	U	5	U	NA	NA	
Naphthalene	NA		8	U	1	U	5	U	1	U	NA	NA	5	U	1	U	1	U	5	U	NA	NA	
Nitrobenzene	NA		8	U	1	U	5	U	1	U	NA	NA	5	U	1	U	1	U	5	U	NA	NA	
Pentachlorophenol	NA		20	U	3	U	20	U	3	U	NA	NA	20	U	3	U	3	U	20	U	NA	NA	
Phenanthrene	NA		8	U	1	U	5	U	1	U	NA	NA	5	U	1	U	1	U	5	U	NA	NA	
Phenol	NA		8	U	1	U	5	U	1	U	NA	NA	5	U	1	U	1	U	5	U	NA	NA	
Pyrene	NA		8	U	1	U	5	U	1	U	NA	NA	5	U	1	U	1	U	5	U	NA	NA	
PAHs (µg/L) (EPA 8310)																							
1-Methylnaphthalene	1	U	17	Jc	1	UJc	NA		NA		NA	NA	NA		NA		NA		NA		NA	NA	
2-Methylnaphthalene	1	U	13	Jc	1	UJc	NA		NA		NA	NA	NA		NA		NA		NA		NA	NA	
Acenaphthene	5	U	5	U	5	U	NA		NA		NA	NA	NA		NA		NA		NA		NA	NA	
Acenaphthylene	2	U	2	U	2	U	NA		NA		NA	NA	NA		NA		NA		NA		NA	NA	
Anthracene	0.2	U	0.2	UJc	0.2	UJc	NA		NA		NA	NA	NA		NA		NA		NA		NA	NA	
Benzo(a)Anthracene	0.2	U	0.2	U	0.2	U	NA		NA		NA	NA	NA		NA		NA		NA		NA	NA	
Benzo(a)Pyrene	0.2	U	0.1	Jg	0.2	U	NA		NA		NA	NA	NA		NA		NA		NA		NA	NA	
Benzo(b)Fluoranthene	0.2	U	0.2	U	0.2	U	NA		NA		NA	NA	NA		NA		NA		NA		NA	NA	
Benzo(g,h,i)Perylene	0.2	U	0.2	U	0.2	U	NA		NA		NA	NA	NA		NA		NA		NA		NA	NA	
Benzo(k)Fluoranthene	0.2	U	0.1	Jg	0.2	U	NA		NA		NA	NA	NA		NA		NA		NA		NA	NA	
Chrysene	0.2	U	0.3		0.2	U	NA		NA		NA	NA	NA		NA		NA		NA		NA	NA	
Dibenzo(a,h)Anthracene	0.5	U	0.5		0.5	U	NA		NA		NA	NA	NA		NA		NA		NA		NA	NA	
Fluoranthene	0.2	U	2.4		0.2	U	NA		NA		NA	NA	NA		NA		NA		NA		NA	NA	
Fluorene	1	U	3		1	U	NA		NA		NA	NA	NA		NA		NA		NA		NA	NA	
Indeno(1,2,3-cd)Pyrene	0.2	U	0.2	U	0.2	U	NA		NA		NA	NA	NA		NA		NA		NA		NA	NA	
Naphthalene	5	U	4	Jg	5	U	NA		NA		NA	NA	NA		NA		NA		NA		NA	NA	
Phenanthrene	1	U	2		1	U	NA		NA		NA	NA	NA		NA		NA		NA		NA	NA	
Pyrene	0.2	U	3.7		0.2	U	NA		NA		NA	NA	NA		NA		NA		NA		NA	NA	

TABLE 5
GROUNDWATER DATA SUMMARY FOR DRUM LOT 1

POINT NAME	PZ11-75						PZ11-76					
SAMPLE DATE	02-Oct-96		05-Nov-97		03-Apr-98		02-Oct-96		31-Oct-97		06-Apr-98	
SAMPLE MEDIUM	Water		Water		Water		Water		Water		Water	
TPH Purgeable (µg/L)												
Gasoline	3000	Ja	230	Y	NA		150		50	U	130	Y
Other Light TPH Components	NA		NA		NA		NA		NA		NA	
MTBE	NA		NA		NA		NA		NA		NA	
Benzene	NA		0.5	U	NA		NA		NA		NA	
Ethylbenzene	NA		0.5	J	NA		NA		NA		NA	
Toluene	NA		0.5	U	NA		NA		NA		NA	
Xylene (Total)	NA		NA		NA		NA		NA		NA	
TPH Extractable (µg/L)												
JP-4 Range Organics	8000	U	NA		NA		2000	U	NA		NA	
JP-5 Range Organics	1000	U	500	U	100	U	250	U	100	U	13800	Z
Diesel Range Organics	1000	U	500	U	100	U	10000	Y	100	U	500	U
TPH - Weathered Diesel (C8-C26)	NA		NA		NA		NA		NA		NA	
TPH - Diesel F-76 (C8-C28)	1000	U	500	U	100	U	250	U	100	U	500	U
Motor Oil Range Organics	4000	U	500	U	100	U	1000	U	100	U	500	U
Other Heavy TPH Components	1000	U	NA		NA		250	U	NA		NA	
TPH - Bunker Fuel (C10-C28)	28000	Y	17500	Y	NA		2000	U	1900	Y	500	U
VOAs (µg/L)												
1,1,1-Trichloroethane	10	U	10	U	10	U	1	U	2	U	10	U
1,1,2,2-Tetrachloroethane	10	U	10	U	10	U	1	U	2	U	10	U
1,1,2-Trichloroethane	10	U	10	U	10	U	1	U	2	U	10	U
1,1-Dichloroethane	10	U	10	U	10	U	1	U	2	U	10	U
1,1-Dichloroethene	10	U	10	U	10	U	1	U	2	U	10	U
1,2-Dichlorobenzene	10	U	NA		NA		1	U	NA		NA	
1,2-Dichloroethane	10	U	3	U	3	U	1	U	0.5	U	3	U
1,2-Dichloroethene (total)	10	U	3	J	10	U	1	U	2	U	10	U
1,2-Dichloropropane	10	U	10	U	10	U	1	U	2	U	10	U
1,3-Dichlorobenzene	10	U	NA		NA		1	U	NA		NA	
1,4-Dichlorobenzene	10	U	NA		NA		1	U	NA		NA	
2-Butanone	50	UJc	10	U	11	UJc	5	U	2	U	13	
2-Hexanone	50	UJc	10	U	10	U	5	UJc	2	U	10	U
4-Methyl-2-Pentanone	50	UJc	10	U	10	U	5	UJc	2	U	10	U
Acetone	50	UJc	10	UJb,c	23	UJb,c	5	UJc	2	UJb,c	25	UJb,c
Benzene	10	U	3	U	3	U	1	U	0.5	U	3	U
Bromodichloromethane	10	U	10	U	10	U	1	U	2	U	10	U
Bromoform	10	U	10	U	10	U	1	U	2	U	10	U
Bromomethane	10	UJc	10	U	10	U	1	U	2	U	10	U
Carbon Disulfide	10	U	10	U	10	U	1	U	2	U	10	U
Carbon Tetrachloride	10	U	3	U	3	U	1	U	0.5	U	3	U
Chlorobenzene	10	U	10	U	10	U	1	U	2	U	10	U
Chloroethane	10	U	10	U	10	U	1	U	2	U	10	U
Chloroform	10	U	10	U	10	U	1	U	2	U	10	U
Chloromethane	10	U	10	U	10	U	1	U	2	U	10	U
Cis-1,2-Dichloroethene	10	U	NA		NA		1	U	NA		NA	
Cis-1,3-Dichloropropene	10	U	3	U	3	U	1	U	0.5	U	3	U
Dibromochloromethane	10	U	10	U	10	U	1	U	2	U	10	U
Ethylbenzene	10	U	10	U	10	U	1	U	2	U	10	U

Notes:

MTBE Methyl Tertiary Butyl Ether
PAH Polynuclear aromatic hydrocarbon
SVOA Semivolatile Organic Analysis
TPH Total petroleum hydrocarbon
VOAs Volatile Organic Analysis
µg/L Micrograms per liter

Data Validation Qualifiers

B Analyte present in associated blank as well as in sample
D Sample was diluted
J Estimated detected result
U Nondetected result
UJ Estimated nondetected result
X Other specific flags may be required to properly qualify the result
Y Mixture in JP-5 and diesel ranges; Or mixture in JP-5 range Chromatograph response did not resemble a typical fuel pattern Or fuel pattern does not match standard
Z Not a typical gas pattern; most of the peaks in the chromatogram correspond to the heavier portion of the chain. Or no fuel pattern (individual peaks only)

Data Validation Qualifier Codes

a Surrogate recovery exceeded
b Laboratory method blank and common blank contamination
c Calibration exceeded
e Matrix spike/laboratory control sample (LCS) recovery exceeded
f Field blank contamination
g Qualifications below reporting limit
h Holding time exceeded
i Internal standard exceeded
j Other qualifications

TABLE 5
GROUNDWATER DATA SUMMARY FOR DRUM LOT 1

POINT NAME	PZ11-75						PZ11-76					
SAMPLE DATE	02-Oct-96		05-Nov-97		03-Apr-98		02-Oct-96		31-Oct-97		06-Apr-98	
SAMPLE MEDIUM	Water		Water		Water		Water		Water		Water	
Methyl-T-Butyl-Ether	NA		NA		NA		NA		NA		NA	
Methylene Chloride	20	U	10	Ub	3	UJb	2	U	2	U	2	UJb
O-Xylene	10	U	NA		NA		1	U	NA		NA	
Styrene	10	U	10	U	10	U	1	U	2	U	10	U
Tetrachloroethene	10	U	10	U	10	U	1	U	2	U	10	U
Toluene	10	U	10	U	2	Jg	2		2	U	10	U
Trans-1,2-Dichloroethene	10	U	NA		NA		1	U	NA		NA	
Trans-1,3-Dichloropropene	10	U	3	U	3	U	1	U	0.5	U	3	U
Trichloroethene	10	U	10	U	10	U	1	U	2	U	10	U
Vinyl Chloride	10	U	3	U	3	U	1	U	0.5	U	3	U
Xylene (total)	10	U	10	U	2	Jg	1	U	2	U	10	U
SVOA (µg/L) (EPA 8270C)												
1-Methylnaphthalene	NA		NA		NA		NA		NA		NA	
1,2,4-Trichlorobenzene	5	U	1	U	1	U	5	U	1	U	1	U
1,2-Dichlorobenzene	5	U	1	U	1	U	5	U	1	U	1	U
1,3-Dichlorobenzene	5	U	1	U	1	U	5	U	1	U	1	U
1,4-Dichlorobenzene	5	U	1	U	1	U	5	U	1	U	1	U
2,2'-Oxybis(1-Chloropropane)	5	U	1	U	1	U	5	U	1	U	1	U
2,4,5-Trichlorophenol	20	U	3	U	3	U	20	U	3	U	3	U
2,4,6-Trichlorophenol	5	U	1	U	1	U	5	U	1	U	1	U
2,4-Dichlorophenol	5	U	1	U	1	U	5	U	1	U	1	U
2,4-Dimethylphenol	5	U	1	U	1	U	5	U	1	U	1	U
2,4-Dinitrophenol	20	U	NA		3	UJc	20	U	NA		3	UJc
2,4-Dinitrotoluene	5	U	1	U	1	U	5	U	1	U	1	U
2,6-Dinitrotoluene	5	U	1	U	1	U	5	U	1	U	1	U
2-Chloronaphthalene	5	U	1	U	1	U	5	U	1	U	1	U
2-Chlorophenol	5	U	1	U	1	U	5	U	1	U	1	U
2-Methylnaphthalene	5	U	1	U	1	U	5	U	1	U	1	U
2-Methylphenol	5	U	1	U	1	U	5	U	1	U	1	U
2-Nitroaniline	20	U	3	U	3	U	20	U	3	U	3	U
2-Nitrophenol	5	U	1	U	1	U	5	U	1	U	1	U
3,3'-Dichlorobenzidine	5	U	1	U	1	U	5	U	1	U	1	UJc
3-Nitroaniline	20	U	3	U	3	U	20	U	3	U	3	U
4,6-Dinitro-2-Methylphenol	20	U	3	Jc	3	U	20	U	3	Jc	3	U
4-Bromophenyl-Phenylether	5	U	1	U	1	U	5	U	1	U	1	U
4-Chloro-3-Methylphenol	5	U	1	U	1	U	5	U	1	U	1	U
4-Chloroaniline	5	U	1	U	1	U	5	U	1	U	1	U
4-Chlorophenyl-Phenylether	5	U	1	U	1	U	5	U	1	U	1	U
4-Methylphenol	5	U	1	U	0.08	Jg	5	U	1	U	1	U
4-Nitroaniline	20	U	3	U	3	U	20	U	3	U	3	U
4-Nitrophenol	20	U	3	Jc	3	U	20	U	3	Jc	3	U
Acenaphthene	5	U	1	U	0.1	Jg	5	U	1	U	1	U
Acenaphthylene	5	U	1	U	1	U	5	U	1	U	1	U
Anthracene	5	U	1	U	1	U	5	U	1	U	1	U
Benzo(a)anthracene	5	U	1	U	1	U	5	U	1	U	1	U
Benzo(a)pyrene	5	U	NA		1	UJi	5	U	1	U	1	U
Benzo(b)fluoranthene	5	U	NA		1	UJi	5	U	1	U	1	U

Notes:

MTBE	Methyl Tertiary Butyl Ether
PAH	Polynuclear aromatic hydrocarbon
SVOA	Semivolatile Organic Analysis
TPH	Total petroleum hydrocarbon
VOAs	Volatile Organic Analysis
µg/L	Micrograms per liter

Data Validation Qualifiers

B	Analyte present in associated blank as well as in sample
D	Sample was diluted
J	Estimated detected result
U	Nondetected result
UJ	Estimated nondetected result
X	Other specific flags may be required to properly qualify the result
Y	Mixture in JP-5 and diesel ranges; Or mixture in JP-5 range Chromatograph response did not resemble a typical fuel pattern Or fuel pattern does not match standard
Z	Not a typical gas pattern; most of the peaks in the chromatogram correspond to the heavier portion of the chain. Or no fuel pattern (individual peaks only)

Data Validation Qualifier Codes

a	Surrogate recovery exceeded
b	Laboratory method blank and common blank contamination
c	Calibration exceeded
e	Matrix spike/laboratory control sample (LCS) recovery exceeded
f	Field blank contamination
g	Qualifications below reporting limit
h	Holding time exceeded
i	Internal standard exceeded
j	Other qualifications

TABLE 5
GROUNDWATER DATA SUMMARY FOR DRUM LOT 1

POINT NAME	PZ11-75						PZ11-76					
SAMPLE DATE	02-Oct-96		05-Nov-97		03-Apr-98		02-Oct-96		31-Oct-97		06-Apr-98	
SAMPLE MEDIUM	Water		Water		Water		Water		Water		Water	
Benzo(g,h,i)perylene	5	U	NA		1	UJi	5	U	1	U	1	U
Benzo(k)fluoranthene	5	U	NA		1	UJi	5	U	1	U	1	U
Bis(2-Chloroethoxy)methane	5	U	1	U	1	U	5	U	1	U	1	U
Bis(2-Chloroethyl)ether	5	U	1	U	1	U	5	U	1	U	1	U
Bis(2-Ethylhexyl)phthalate	5	U	1	U	0.6	UJb	5	U	1	U	1	UJb
Butylbenylphthalate	5	U	1	U	0.2	UJb	5	U	1	U	1	U
Carbazole	5	U	1	U	1	U	5	U	1	U	1	U
Chrysene	5	U	1	U	1	U	5	U	1	U	1	U
DI-N-Butylphthalate	5	U	0.8	Ji	0.4	UJb	5	U	1	U	0.3	UJb
Di-N-Octylphthalate	5	U	NA		0.08	Ug,i	5	U	1	U	1	U
Dibenzo(a,h)anthracene	5	U	NA		1	UJi	5	U	1	U	1	U
Dibenzofuran	5	U	1	U	1	U	5	U	1	U	1	U
Diethylphthalate	5	U	1	U	0.07	UJb	5	U	1	U	1	U
Dimethylphthalate	5	U	1	U	1	U	5	U	1	U	1	U
Fluoranthene	5	U	1	U	1	U	5	U	1	U	0.2	Jg
Fluorene	7		1	U	1	U	5	U	1	U	1	U
Hexachlorobenzene	5	U	1	U	1	U	5	U	1	U	1	U
Hexachlorobutadiene	5	U	1	U	1	U	5	U	1	U	1	U
Hexachlorocyclopentadiene	5	UJc	1	Jc	1	U	5	UJc	1	Jc	1	U
Hexachloroethane	5	U	1	U	1	U	5	U	1	U	1	U
Indeno(1,2,3-cd)pyrene	5	U	NA		1	UJi	5	U	1	U	1	U
Isophorone	5	U	1	U	1	U	5	U	1	U	1	U
N-Nitroso-Di-N-Propylamine	5	U	1	U	1	U	5	U	1	U	1	U
N-Nitrosodiphenylamine (1)	5	U	1	U	1	U	5	U	1	U	1	U
Naphthalene	5	U	1	U	0.09	Jg	5	U	1	U	1	U
Nitrobenzene	5	U	1	U	1	U	5	U	1	U	1	U
Pentachlorophenol	20	U	3	Jc	3	UJc	20	U	3	U	3	UJc
Phenanthrene	5	U	1	U	1	U	5	U	1	U	1	U
Phenol	5	U	1	U	1	U	5	U	1	U	1	U
Pyrene	5	U	1	J	1	U	5	U	1	U	0.3	Jg
PAHs (µg/L) (EPA 8310)												
1-Methylnaphthalene	NA		NA		NA		NA		NA		NA	
2-Methylnaphthalene	NA		NA		NA		NA		NA		NA	
Acenaphthene	NA		NA		NA		NA		NA		NA	
Acenaphthylene	NA		NA		NA		NA		NA		NA	
Anthracene	NA		NA		NA		NA		NA		NA	
Benzo(a)Anthracene	NA		NA		NA		NA		NA		NA	
Benzo(a)Pyrene	NA		NA		NA		NA		NA		NA	
Benzo(b)Fluoranthene	NA		NA		NA		NA		NA		NA	
Benzo(g,h,i)Perylene	NA		NA		NA		NA		NA		NA	
Benzo(k)Fluoranthene	NA		NA		NA		NA		NA		NA	
Chrysene	NA		NA		NA		NA		NA		NA	
Dibenzo(a,h)Anthracene	NA		NA		NA		NA		NA		NA	
Fluoranthene	NA		NA		NA		NA		NA		NA	
Fluorene	NA		NA		NA		NA		NA		NA	
Indeno(1,2,3-cd)Pyrene	NA		NA		NA		NA		NA		NA	
Naphthalene	NA		NA		NA		NA		NA		NA	
Phenanthrene	NA		NA		NA		NA		NA		NA	
Pyrene	NA		NA		NA		NA		NA		NA	

Notes:

MTBE	Methyl Tertiary Butyl Ether
PAH	Polynuclear aromatic hydrocarbon
SVOA	Semivolatile Organic Analysis
TPH	Total petroleum hydrocarbon
VOAs	Volatile Organic Analysis
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h	Holding time exceeded
i	Internal standard exceeded
j	Other qualifications

TABLE 6

SOIL DATA SUMMARY FOR DRUM LOT 1

POINT NAME	EX10-01		EX10-2		EX10-3		EX10-6		EX11-01		EX11-03		EX11-04		EX11-05		EX11-06		EX11-07		EX11-09		EX11-11	
SAMPLE DATE	28-Jan-00		28-Feb-00		28-Feb-00		1-Mar-00		18-Nov-98		20-Nov-98		20-Nov-98		24-Nov-98		24-Nov-98		20-Nov-98		20-Nov-98		24-Nov-98	
SAMPLE DEPTH (ft.)	3		0.5		0.5		0.5		4		6		6		4		10		3		3		2	
SAMPLE MEDIUM	soil		soil		soil		soil		soil		soil		soil		soil		soil		soil		soil		soil	
TPH Purgeable																								
Gasoline (mg/kg for soil, µg/L for water)	0.43	Jg	0.023	U	0.022	U	0.023	U	7.4	U	7.2	U	6.8	UJa	13	Je	6.9	Je	6.7	UJa	6.9		7	UJa,e
Other Light TPH Components (mg/kg for soil, µg/L for water)	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
MTBE (µg/kg for soil, µg/L for water)	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
Benzene (µg/kg for soil, µg/L for water)	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
Ethylbenzene (µg/kg for soil, µg/L for water)	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
Toluene (µg/kg for soil, µg/L for water)	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
Xylene (Total) (µg/kg for soil, µg/L for water)	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
TPH Extractable (mg/kg for soil, µg/L for water)																								
JP-4 Range Organics	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
JP-5 Range Organics	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
Diesel Range Organics	150	H	45	UJf	17	UJb	190	H	22	Y	10	U	10	U	15	Ja,g	71	Y	37	Ja	10	Jg	37	Y
TPH - Weathered Diesel (C8-C26)	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
TPH - Diesel F-76 (C8-C28)	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
Motor Oil Range Organics	170	H	28	UJj	35	Jg	430	H	40	Y	10	U	10	U	280	Ja	160	Y	200	Ja	87		94	Y
Other Heavy TPH Components	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
TPH - Bunker Fuel (C10-C28)	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
VOAs (mg/kg for soil, µg/L for water)																								
1,1,1-Trichloroethane	0.012	U	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
1,1,2,2-Tetrachloroethane	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
1,1,2-Trichloroethane	0.012	U	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
1,1-Dichloroethane	0.012	U	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
1,1-Dichloroethene	0.012	U	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
1,2-Dichlorobenzene	0.012	U	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
1,2-Dichloroethane	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
1,2-Dichloroethene (total)	0.012	U	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
1,2-Dichloropropane	0.012	U	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
1,3-Dichlorobenzene	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
1,4-Dichlorobenzene	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
2-Butanone	0.012	U	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
2-Hexanone	0.012	U	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
4-Methyl-2-Pentanone	0.012	U	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
Acetone	0.012	U	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
Benzene	0.012	UJb	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	

TABLE 6

SOIL DATA SUMMARY FOR DRUM LOT 1

POINT NAME	EX10-01		EX10-2		EX10-3		EX10-6		EX11-01		EX11-03		EX11-04		EX11-05		EX11-06		EX11-07		EX11-09		EX11-11	
SAMPLE DATE	28-Jan-00		28-Feb-00		28-Feb-00		1-Mar-00		18-Nov-98		20-Nov-98		20-Nov-98		24-Nov-98		24-Nov-98		20-Nov-98		20-Nov-98		24-Nov-98	
SAMPLE DEPTH (ft.)	3		0.5		0.5		0.5		4		6		6		4		10		3		3		2	
SAMPLE MEDIUM	soil		soil		soil		soil		soil		soil		soil		soil		soil		soil		soil		soil	
Bromodichloromethane	0.012	U	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
Bromoform	0.012	U	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
Bromomethane	0.012	U	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
Carbon Disulfide	0.012	U	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
Carbon Tetrachloride	0.012	U	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
Chlorobenzene	0.012	U	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
Chloroethane	0.012	U	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
Chloroform	0.012	U	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
Chloromethane	0.012	U	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
Cis-1,2-Dichloroethene	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
Cis-1,3-Dichloropropene	0.012	UJc	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
Dibromochloromethane	0.012	U	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
Ethylbenzene	0.012	U	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
Methyl-T-Butyl-Ether	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
Methylene Chloride	0.012	U	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
O-Xylene	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
Styrene	0.015	UJb	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
Tetrachloroethene	0.012	U	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
Toluene	0.012	U	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
Trans-1,2-Dichloroethene	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
Trans-1,3-Dichloropropene	0.012	U	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
Trichloroethene	0.012	U	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
Vinyl Chloride	0.012	U	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
Xylene (total)	0.012	U	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
SVOA (µg/kg for soil, µg/L for water)																								
1-Methylnapthalene	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
1,2,4-Trichlorobenzene	NA		NA		NA		NA		390	U	340	U	340	U	710	U	720	U	350	U	360	U	760	U
1,2-Dichlorobenzene	NA		NA		NA		NA		390	U	340	U	340	U	710	U	720	U	350	U	360	U	760	U
1,3-Dichlorobenzene	NA		NA		NA		NA		390	U	340	U	340	U	710	U	720	U	350	U	360	U	760	U
1,4-Dichlorobenzene	NA		NA		NA		NA		390	U	340	U	340	U	710	U	720	U	350	U	360	U	760	U
2,2'-Oxybis(1-Chloropropane)	NA		NA		NA		NA		390	U	340	U	340	U	710	U	720	U	350	U	360	U	760	U
2,4,5-Trichlorophenol	NA		NA		NA		NA		970	U	860	U	860	U	1800	U	1800	U	870	U	900	U	1900	U
2,4,6-Trichlorophenol	NA		NA		NA		NA		390	U	340	U	340	U	710	U	720	U	350	U	360	U	760	U
2,4-Dichlorophenol	NA		NA		NA		NA		390	U	340	U	340	U	710	U	720	U	350	U	360	U	760	U

TABLE 6

SOIL DATA SUMMARY FOR DRUM LOT 1

POINT NAME	EX10-01		EX10-2		EX10-3		EX10-6		EX11-01		EX11-03		EX11-04		EX11-05		EX11-06		EX11-07		EX11-09		EX11-11	
SAMPLE DATE	28-Jan-00		28-Feb-00		28-Feb-00		1-Mar-00		18-Nov-98		20-Nov-98		20-Nov-98		24-Nov-98		24-Nov-98		20-Nov-98		20-Nov-98		24-Nov-98	
SAMPLE DEPTH (ft.)	3		0.5		0.5		0.5		4		6		6		4		10		3		3		2	
SAMPLE MEDIUM	soil		soil		soil		soil		soil		soil		soil		soil		soil		soil		soil		soil	
2,4-Dimethylphenol	NA		NA		NA		NA		390	U	340	U	340	U	710	U	720	U	350	U	360	U	760	U
2,4-Dinitrophenol	NA		NA		NA		NA		970	U	860	UJc	860	UJc	1800	UJc	1800	U	870	UJc	900	UJc	1900	U
2,4-Dinitrotoluene	NA		NA		NA		NA		390	U	340	U	340	U	710	U	720	U	350	U	360	U	760	U
2,6-Dinitrotoluene	NA		NA		NA		NA		390	U	340	U	340	U	710	U	720	U	350	U	360	U	760	U
2-Chloronaphthalene	NA		NA		NA		NA		390	U	340	U	340	U	710	U	720	U	350	U	360	U	760	U
2-Chlorophenol	NA		NA		NA		NA		390	U	340	U	340	U	710	U	720	U	350	U	360	U	760	U
2-Methylnaphthalene	NA		NA		NA		NA		390	U	340	U	340	U	710	U	720	U	350	U	360	U	760	U
2-Methylphenol	NA		NA		NA		NA		390	U	340	U	340	U	710	U	720	U	350	U	360	U	760	U
2-Nitroaniline	NA		NA		NA		NA		970	U	860	UJc	860	U	1800	U	1800	U	870	U	900	U	1900	U
2-Nitrophenol	NA		NA		NA		NA		390	U	340	U	340	U	710	U	720	U	350	U	360	U	760	U
3,3'-Dichlorobenzidine	NA		NA		NA		NA		390	U	340	U	340	U	710	U	720	U	350	U	360	U	760	UJc
3-Nitroaniline	NA		NA		NA		NA		970	U	860	U	860	U	1800	U	1800	U	870	U	900	U	1900	U
4,6-Dinitro-2-Methylphenol	NA		NA		NA		NA		970	U	860	U	860	U	1800	U	1800	U	870	U	900	U	1900	U
4-Bromophenyl-Phenylether	NA		NA		NA		NA		390	U	340	U	340	U	710	U	720	U	350	U	360	U	760	U
4-Chloro-3-Methylphenol	NA		NA		NA		NA		390	U	340	U	340	U	710	U	720	U	350	U	360	U	760	U
4-Chloroaniline	NA		NA		NA		NA		390	U	340	U	340	U	710	U	720	Ujc	350	U	360	U	760	U
4-Chlorophenyl-Phenylether	NA		NA		NA		NA		390	U	340	U	340	U	710	U	720	U	350	U	360	U	760	U
4-Methylphenol	NA		NA		NA		NA		390	U	340	U	340	U	710	U	720	U	350	U	360	U	760	U
4-Nitroaniline	NA		NA		NA		NA		970	UJc	860	UJc	860	UJc	1800	U	1800	U	870	UJc	900	UJc	1900	U
4-Nitrophenol	NA		NA		NA		NA		970	U	860	U	860	U	1800	U	1800	UJc	870	U	900	U	1900	UJc
Acenaphthene	NA		NA		NA		NA		86	Jg	340	U	340	U	77	Jg	720	U	240	Jg	170	Jg	190	Jg
Acenaphthylene	NA		NA		NA		NA		390	U	340	U	340	U	710	U	720	U	350	U	360	U	760	U
Anthracene	NA		NA		NA		NA		160	Jg	340	U	340	U	170	Jg	720	U	650		420		580	Jg
Benzo(a)anthracene	NA		NA		NA		NA		230	Jg	340	U	340	U	500	Jg	140	Jg	1800		1600		1300	
Benzo(a)pyrene	NA		NA		NA		NA		220	Jg	340	U	340	U	420	Jg	140	Jg	1800		760		920	
Benzo(b)fluoranthene	NA		NA		NA		NA		360	Jg	340	U	340	U	440	Jg	160	Jg	2600		950		1500	
Benzo(g,h,i)perylene	NA		NA		NA		NA		200	Jg	340	UJc	340	U	290	Jg	75	Jg	350	U	200	Jg	170	Jc,g
Benzo(k)fluoranthene	NA		NA		NA		NA		150	Jg	340	U	340	U	410	Jg	120	Jg	1200		600		700	Jc,g
Bis(2-Chloroethoxy)methane	NA		NA		NA		NA		390	U	340	U	340	U	710	U	720	U	350	U	360	U	760	U
Bis(2-Chloroethyl)ether	NA		NA		NA		NA		390	U	340	UJc	340	U	710	U	720	U	350	U	360	U	760	U
Bis(2-Ethylhexyl)phthalate	NA		NA		NA		NA		390	UJb	340	U	340	U	710	U	720	UJc	350	UJb	360	U	760	UJb
Butylbenzylphthalate	NA		NA		NA		NA		390	U	340	U	340	U	710	U	720	UJc	350	U	360	U	760	U
Carbazole	NA		NA		NA		NA		79	Jg	340	U	340	UJc	100	Jg	720	U	400	UJc	230	Jc,g	290	Jg
Chrysene	NA		NA		NA		NA		330	Jg	340	U	340	U	680	Jg	140	Jg	2000		1400		1900	

TABLE 6

SOIL DATA SUMMARY FOR DRUM LOT 1

POINT NAME	EX10-01		EX10-2		EX10-3		EX10-6		EX11-01		EX11-03		EX11-04		EX11-05		EX11-06		EX11-07		EX11-09		EX11-11	
SAMPLE DATE	28-Jan-00		28-Feb-00		28-Feb-00		1-Mar-00		18-Nov-98		20-Nov-98		20-Nov-98		24-Nov-98		24-Nov-98		20-Nov-98		20-Nov-98		24-Nov-98	
SAMPLE DEPTH (ft.)	3		0.5		0.5		0.5		4		6		6		4		10		3		3		2	
SAMPLE MEDIUM	soil		soil		soil		soil		soil		soil		soil		soil		soil		soil		soil		soil	
DI-N-Butylphthalate	NA		NA		NA		NA		390	UJc	340	UJb	340	UJc	710	U	720	U	350	UJb,c	360	UJb,c	760	U
Di-N-Octylphthalate	NA		NA		NA		NA		390	U	340	U	340	U	710	U	720	U	350	U	360	U	760	U
Dibenzo(a,h)anthracene	NA		NA		NA		NA		390	U	340	U	340	U	710	U	720	U	350	U	360	U	99	Jg
Dibenzofuran	NA		NA		NA		NA		390	U	340	U	340	U	710	U	720	U	95	Jg	65	Jg	90	Jg
Diethylphthalate	NA		NA		NA		NA		390	U	340	U	340	U	710	U	720	U	350	U	360	U	760	U
Dimethylphthalate	NA		NA		NA		NA		390	U	340	U	340	U	710	U	720	U	350	U	360	U	760	U
Fluoranthene	NA		NA		NA		NA		580		41	Jg	340	U	910		220	Jg	1400		1100		2600	
Fluorene	NA		NA		NA		NA		78	Jg	340	U	340	UJc	710	U	720	U	210	Jc,g	150	Jc,g	140	Jg
Hexachlorobenzene	NA		NA		NA		NA		390	U	340	U	340	U	710	U	720	U	350	U	360	U	760	U
Hexachlorobutadiene	NA		NA		NA		NA		390	U	340	UJc	340	UJc	710	U	720	U	350	UJc	360	UJc	760	U
Hexachlorocyclopentadiene	NA		NA		NA		NA		390	U	340	U	340	U	710	U	720	U	350	U	360	U	760	U
Hexachloroethane	NA		NA		NA		NA		390	U	340	U	340	U	710	U	720	U	350	U	360	U	760	U
Indeno(1,2,3-cd)pyrene	NA		NA		NA		NA		190	Jg	340	U	340	U	320	Jg	95	Jg	350	U	200	Jg	260	Jg
Isophorone	NA		NA		NA		NA		390	U	340	U	340	U	710	U	720	U	350	U	360	U	760	U
N-Nitroso-Di-N-Propylamne	NA		NA		NA		NA		390	U	340	U	340	U	710	U	720	U	350	U	360	U	760	U
N-Nitrosodiphenylamine (1)	NA		NA		NA		NA		390	UJc	340	U	340	U	710	U	720	U	350	U	360	U	760	U
Naphthalene	NA		NA		NA		NA		390	U	340	U	340	U	710	U	720	U	45	Jg	360	U	760	U
Nitrobenzene	NA		NA		NA		NA		390	U	340	U	340	U	710	U	720	U	350	U	360	U	760	U
Pentachlorophenol	NA		NA		NA		NA		970	UJc	860	U	860	UJc	1800	U	1800	UJc	870	UJc	900	UJc	1900	U
Phenanthrene	NA		NA		NA		NA		400		340	U	340	U	610	Jg	84	Jg	1400		1000		1800	
Phenol	NA		NA		NA		NA		390	U	340	U	340	UJc	710	U	720	U	350	UJc	360	UJc	760	U
Pyrene	NA		NA		NA		NA		620		39	Jg	340	U	980		250	Jc,g	350	U	1800		2000	

TABLE 6

SOIL DATA SUMMARY FOR DRUM LOT 1

POINT NAME	EX11-12		EX11-13		EX11-14		EX11-15		EX11-16		EX11-17		EX11-18		EX11-19		EX11-20		EX11-21		EX11-22		EX11-24	
SAMPLE DATE	24-Nov-98		24-Nov-98		24-Nov-98		24-Nov-98		24-Nov-98		24-Nov-98		24-Nov-98		24-Nov-98		24-Nov-98		20-Nov-98		20-Nov-98		24-Nov-98	
SAMPLE DEPTH (ft.)	5		4		10		4		10		4		10		4		10		4		8		7	
SAMPLE MEDIUM	soil		soil		soil		soil		soil		soil		soil		soil		soil		soil		soil		soil	
TPH Purgeable																								
Gasoline (mg/kg for soil, µg/L for water)	7.1	UJa,e,c	1100	J	39	Ja,e	6.9	UJa,e	7	UJa,e	7.1	UJa,e	7.3	Je	7.3	UJe	6.8	UJa,e	7.4	UJa	6.9	U	NA	
Other Light TPH Components (mg/kg for soil, µg/L for water)	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
MTBE (µg/kg for soil, µg/L for water)	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
Benzene (µg/kg for soil, µg/L for water)	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
Ethylbenzene (µg/kg for soil, µg/L for water)	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
Toluene (µg/kg for soil, µg/L for water)	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
Xylene (Total) (µg/kg for soil, µg/L for water)	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
TPH Extractable (mg/kg for soil, µg/L for water)																								
JP-4 Range Organics	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
JP-5 Range Organics	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
Diesel Range Organics	36	Y	100	Y	28	Y	54	Y	37	Y	24	Y	47	Ja,g	35	Je	11	U	11	U	18		11	Y
TPH - Weathered Diesel (C8-C26)	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
TPH - Diesel F-76 (C8-C28)	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
Motor Oil Range Organics	37	Y	46	Y	170	Y	110	Y	140	Y	59	Y	1600	Ja	170	Je	110	Y	12		85		79	Y
Other Heavy TPH Components	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
TPH - Bunker Fuel (C10-C28)	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
VOAs (mg/kg for soil, µg/L for water)																								
1,1,1-Trichloroethane	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		0.011	U
1,1,2,2-Tetrachloroethane	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		0.011	U
1,1,2-Trichloroethane	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		0.011	U
1,1-Dichloroethane	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		0.011	U
1,1-Dichloroethene	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		0.011	U
1,2-Dichlorobenzene	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		0.011	U
1,2-Dichloroethane	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
1,2-Dichloroethene (total)	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		0.011	U
1,2-Dichloropropane	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		0.011	U
1,3-Dichlorobenzene	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
1,4-Dichlorobenzene	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
2-Butanone	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		0.011	UJb
2-Hexanone	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		0.011	U
4-Methyl-2-Pentanone	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		0.011	UJc
Acetone	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		0.011	UJb
Benzene	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		0.011	U

TABLE 6

SOIL DATA SUMMARY FOR DRUM LOT 1

POINT NAME	EX11-12		EX11-13		EX11-14		EX11-15		EX11-16		EX11-17		EX11-18		EX11-19		EX11-20		EX11-21		EX11-22		EX11-24	
SAMPLE DATE	24-Nov-98		24-Nov-98		24-Nov-98		24-Nov-98		24-Nov-98		24-Nov-98		24-Nov-98		24-Nov-98		24-Nov-98		20-Nov-98		20-Nov-98		24-Nov-98	
SAMPLE DEPTH (ft.)	5		4		10		4		10		4		10		4		10		4		8		7	
SAMPLE MEDIUM	soil		soil		soil		soil		soil		soil		soil		soil		soil		soil		soil		soil	
Bromodichloromethane	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		0.011	U
Bromoform	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		0.011	U
Bromomethane	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		0.011	U
Carbon Disulfide	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		0.011	UJc
Carbon Tetrachloride	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		0.011	U
Chlorobenzene	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		0.011	U
Chloroethane	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		0.011	U
Chloroform	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		0.011	U
Chloromethane	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		0.011	U
Cis-1,2-Dichloroethene	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
Cis-1,3-Dichloropropene	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		0.011	U
Dibromochloromethane	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		0.011	U
Ethylbenzene	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		0.011	U
Methyl-T-Butyl-Ether	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
Methylene Chloride	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		0.011	UJb
O-Xylene	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
Styrene	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		0.011	U
Tetrachloroethene	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		0.011	U
Toluene	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		0.011	U
Trans-1,2-Dichloroethene	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
Trans-1,3-Dichloropropene	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		0.011	U
Trichloroethene	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		0.011	U
Vinyl Chloride	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		0.011	U
Xylene (total)	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		0.011	U
SVOA (µg/kg for soil, µg/L for water)																								
1-Methylnapthalene	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
1,2,4-Trichlorobenzene	730	U	1800	U	720	U	730	U	750	U	750	U	1600	U	760	U	380	U	380	U	360	U	NA	
1,2-Dichlorobenzene	730	U	1800	U	720	U	730	U	750	U	750	U	1600	U	760	U	380	U	380	U	360	U	NA	
1,3-Dichlorobenzene	730	U	1800	U	720	U	730	U	750	U	750	U	1600	U	760	U	380	U	380	U	360	U	NA	
1,4-Dichlorobenzene	730	U	1800	U	720	U	730	U	750	U	750	U	1600	U	760	U	380	U	380	U	360	U	NA	
2,2'-Oxybis(1-Chloropropane)	730	U	1800	U	720	U	730	U	750	U	750	U	1600	U	760	U	380	U	380	U	360	U	NA	
2,4,5-Trichlorophenol	1800	U	4500	U	1800	U	1800	U	1900	U	1900	U	3900	U	1900	U	950	U	950	U	900	U	NA	
2,4,6-Trichlorophenol	730	U	1800	U	720	U	730	U	750	U	750	U	1600	U	760	U	380	U	380	U	360	U	NA	
2,4-Dichlorophenol	730	U	1800	U	720	U	730	U	750	U	750	U	1600	U	760	U	380	U	380	U	360	U	NA	

TABLE 6

SOIL DATA SUMMARY FOR DRUM LOT 1

POINT NAME	EX11-12		EX11-13		EX11-14		EX11-15		EX11-16		EX11-17		EX11-18		EX11-19		EX11-20		EX11-21		EX11-22		EX11-24	
SAMPLE DATE	24-Nov-98		24-Nov-98		24-Nov-98		24-Nov-98		24-Nov-98		24-Nov-98		24-Nov-98		24-Nov-98		24-Nov-98		20-Nov-98		20-Nov-98		24-Nov-98	
SAMPLE DEPTH (ft.)	5		4		10		4		10		4		10		4		10		4		8		7	
SAMPLE MEDIUM	soil		soil		soil		soil		soil		soil		soil		soil		soil		soil		soil		soil	
2,4-Dimethylphenol	730	U	1800	U	720	U	730	U	750	U	750	U	1600	U	760	U	380	U	380	U	360	U	NA	
2,4-Dinitrophenol	1800	UJc	4500	UJc	1800	U	1800	U	1900	U	1900	U	3900	UJc	1900	U	950	UJc	950	UJc	900	UJc	NA	
2,4-Dinitrotoluene	730	U	1800	U	720	U	730	U	750	U	750	U	1600	U	760	U	380	U	380	U	360	U	NA	
2,6-Dinitrotoluene	730	U	1800	U	720	U	730	U	750	U	750	U	1600	U	760	U	380	U	380	U	360	U	NA	
2-Chloronaphthalene	730	U	1800	U	720	U	730	U	750	U	750	U	1600	U	760	U	380	U	380	U	360	U	NA	
2-Chlorophenol	730	U	1800	U	720	U	730	U	750	U	750	U	1600	U	760	U	380	U	380	U	360	U	NA	
2-Methylnaphthalene	730	U	430	Jg	720	U	730	U	750	U	750	U	1600	U	760	U	380	U	380	U	360	U	NA	
2-Methylphenol	730	U	1800	U	720	U	730	U	750	U	750	U	1600	U	760	U	380	U	380	U	360	U	NA	
2-Nitroaniline	1800	U	4500	U	1800	U	1800	U	1900	U	1900	U	3900	U	1900	U	950	U	950	U	900	U	NA	
2-Nitrophenol	730	U	1800	U	720	U	730	U	750	U	750	U	1600	U	760	U	380	U	380	U	360	U	NA	
3,3'-Dichlorobenzidine	730	U	1800	U	720	UJc	730	UJc	750	UJc	750	U	1600	U	760	UJc	380	U	380	U	360	U	NA	
3-Nitroaniline	1800	U	4500	U	1800	U	1800	U	1900	U	1900	U	3900	U	1900	U	950	U	950	U	900	U	NA	
4,6-Dinitro-2-Methylphenol	1800	U	4500	U	1800	U	1800	U	1900	U	1900	U	3900	U	1900	U	950	U	950	U	900	U	NA	
4-Bromophenyl-Phenylether	730	U	1800	U	720	U	730	U	750	U	750	U	1600	U	760	U	380	U	380	U	360	U	NA	
4-Chloro-3-Methylphenol	730	U	1800	U	720	U	730	U	750	U	750	U	1600	U	760	U	380	U	380	U	360	U	NA	
4-Chloroaniline	730	U	1800	U	720	U	730	U	750	U	750	Ujc	1600	U	760	U	380	U	380	U	360	U	NA	
4-Chlorophenyl-Phenylether	730	U	1800	U	720	U	730	U	750	U	750	U	1600	U	760	U	380	U	380	U	360	U	NA	
4-Methylphenol	730	U	1800	U	720	U	730	U	750	U	750	U	1600	U	760	U	380	U	380	U	360	U	NA	
4-Nitroaniline	1800	U	4500	U	1800	U	1800	U	1900	U	1900	U	3900	U	1900	U	950	U	950	UJc	900	UJc	NA	
4-Nitrophenol	1800	U	4500	U	1800	UJc	1800	UJc	1900	UJc	1900	UJc	3900	U	1900	UJc	950	U	950	U	900	U	NA	
Acenaphthene	730	U	1800	U	160	Jg	90	Jc	120	Jg	180	Ji,g	1600	U	760	U	380	U	380	U	360	U	NA	
Acenaphthylene	730	U	1800	U	720	U	730	U	750	U	750	U	1600	U	760	U	380	U	380	U	360	U	NA	
Anthracene	730	U	1800	U	420	Jg	240	Jc	380	Jg	480	Jg	1600	U	290	Jg	380	U	380	U	360	U	NA	
Benzo(a)anthracene	110	Jg	490	Jg	1200		380	Jc	890		1300		550	Jg	970		380	U	380	U	360	U	NA	
Benzo(a)pyrene	78	Jg	280	Jg	940		240	Jc	410	Jg	250	Jg	370	Jg	430	Jg	380	U	380	U	360	U	NA	
Benzo(b)fluoranthene	86	Jg	330	Jg	1600		350	Jc	680	Jg	1100		570	Jg	760	U	380	U	380	U	360	U	NA	
Benzo(g,h,i)perylene	730	U	1800	U	220	Jc,g	730	UJc	96	Jc,g	240	Jg	270	Jg	760	UJc	380	U	380	U	360	U	NA	
Benzo(k)fluoranthene	79	Jg	280	Jg	420	Jc,g	160	Jc,g	330	Jc,g	520	Jg	570	Jg	760	UJc	380	U	380	U	360	U	NA	
Bis(2-Chloroethoxy)methane	730	U	1800	U	720	U	730	U	750	U	750	U	1600	U	760	U	380	U	380	U	360	U	NA	
Bis(2-Chloroethyl)ether	730	U	1800	U	720	U	730	U	750	U	750	U	1600	U	760	U	380	U	380	U	360	U	NA	
Bis(2-Ethylhexyl)phthalate	730	U	1800	U	720	U	730	U	750	U	750	UJc	1600	U	760	U	380	U	380	U	360	UJb	NA	
Butylbenzylphthalate	730	U	1800	U	720	U	730	U	750	U	750	UJc	1600	U	760	U	380	U	380	U	360	U	NA	
Carbazole	730	U	1800	U	180	Jg	120	Jg	140	Jg	250	Jg	1600	U	92	Jg	380	U	380	UJc	360	UJc	NA	
Chrysene	150	Jg	600	Jg	1700		500	Jg	1000		1400		1100	Jg	930		380	U	380	U	360	U	NA	

TABLE 6

SOIL DATA SUMMARY FOR DRUM LOT 1

POINT NAME	EX11-12		EX11-13		EX11-14		EX11-15		EX11-16		EX11-17		EX11-18		EX11-19		EX11-20		EX11-21		EX11-22		EX11-24	
SAMPLE DATE	24-Nov-98		24-Nov-98		24-Nov-98		24-Nov-98		24-Nov-98		24-Nov-98		24-Nov-98		24-Nov-98		24-Nov-98		20-Nov-98		20-Nov-98		24-Nov-98	
SAMPLE DEPTH (ft.)	5		4		10		4		10		4		10		4		10		4		8		7	
SAMPLE MEDIUM	soil		soil		soil		soil		soil		soil		soil		soil		soil		soil		soil		soil	
DI-N-Butylphthalate	730	U	1800	U	720	U	730	U	750	U	750	U	1600	U	760	U	380	UJb	380	UJc	360	UJb,c	NA	
Di-N-Octylphthalate	730	U	1800	U	720	U	730	U	750	U	750	U	1600	U	760	U	380	U	380	U	360	U	NA	
Dibenzo(a,h)anthracene	730	U	1800	U	720	U	730	U	750	U	750	U	170	Jg	760	U	380	U	380	U	360	U	NA	
Dibenzofuran	730	U	1800	U	720	U	730	U	750	U	90	Ji,g	1600	U	760	U	380	U	380	U	360	U	NA	
Diethylphthalate	730	U	1800	U	720	U	730	U	750	U	750	U	1600	U	760	U	380	U	380	U	360	U	NA	
Dimethylphthalate	730	U	1800	U	720	U	730	U	750	U	750	U	1600	U	760	U	380	U	380	U	360	U	NA	
Fluoranthene	230	Jg	920	Jg	2400		1000		2000		2300		830	Jg	1900		380	U	380	U	360	U	NA	
Fluorene	730	U	1800	U	110	Jg	730	U	80	Jg	130	Ji,g	1600	U	760	U	380	U	380	UJc	360	UJc	NA	
Hexachlorobenzene	730	U	1800	U	720	U	730	U	750	U	750	U	1600	U	760	U	380	U	380	U	360	U	NA	
Hexachlorobutadiene	730	U	1800	U	720	U	730	U	750	U	750	U	1600	U	760	U	380	U	380	UJc	360	UJc	NA	
Hexachlorocyclopentadiene	730	U	1800	U	720	U	730	U	750	U	750	U	1600	U	760	U	380	U	380	U	360	U	NA	
Hexachloroethane	730	U	1800	U	720	U	730	U	750	U	750	U	1600	U	760	U	380	U	380	U	360	U	NA	
Indeno(1,2,3-cd)pyrene	730	U	1800	U	350	Jg	730	U	170	Jg	300	Jg	210	Jg	760	U	380	U	380	U	360	U	NA	
Isophorone	730	U	1800	U	720	U	730	U	750	U	750	U	1600	U	760	U	380	U	380	U	360	U	NA	
N-Nitroso-Di-N-Propylamne	730	U	1800	U	720	U	730	U	750	U	750	U	1600	U	760	U	380	U	380	U	360	U	NA	
N-Nitrosodiphenylamine (1)	730	U	1800	U	720	U	730	U	750	U	750	U	1600	U	760	U	380	U	380	U	360	U	NA	
Naphthalene	730	U	1800	U	720	U	730	U	750	U	750	U	1600	U	760	U	380	U	380	U	360	U	NA	
Nitrobenzene	730	U	1800	U	720	U	730	U	750	U	750	U	1600	U	760	U	380	U	380	U	360	U	NA	
Pentachlorophenol	1800	U	4500	U	1800	U	1800	U	1900	U	1900	UJc	3900	U	1900	U	950	U	950	UJc	900	UJc	NA	
Phenanthrene	100	Jg	650	Jg	1400		840		1300		1800		510	Jg	910		380	U	380	U	360	U	NA	
Phenol	730	U	1800	U	720	U	730	U	750	U	750	U	1600	U	760	U	380	U	380	UJc	360	UJc	NA	
Pyrene	180	Jg	1000	Jg	2000		890		1600		2500	Jc	1000	Jg	1500	Je	380	U	380	U	37	Jg	NA	

TABLE 6

SOIL DATA SUMMARY FOR DRUM LOT 1

POINT NAME	EX11-25		EX11-26		EX11-27		EX11-31		EX11-34		EX11-35		EX11-36		EX11-37		EX11-52		EX11-60		EX11-66		EX11-67	
SAMPLE DATE	24-Nov-98		24-Nov-98		24-Nov-98		24-Nov-98		4-Feb-99		4-Feb-99		4-Feb-99		5-Feb-99		13-Jan-00		20-Jan-00		16-Feb-00		16-Feb-00	
SAMPLE DEPTH (ft.)	7		6		5		5		2.5		3.5		4		4		1.5		2		0.5		0.5	
SAMPLE MEDIUM	soil		soil		soil		soil		soil		soil		soil		soil		soil		soil		soil		soil	
TPH Purgeable																								
Gasoline (mg/kg for soil, µg/L for water)	NA		NA		NA		NA		0.55	UJc	0.58	UJc	0.59	UJc	0.55	UJc	0.02	UJa	0.023		0.023	U	0.025	U
Other Light TPH Components (mg/kg for soil, µg/L for water)	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
MTBE (µg/kg for soil, µg/L for water)	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
Benzene (µg/kg for soil, µg/L for water)	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
Ethylbenzene (µg/kg for soil, µg/L for water)	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
Toluene (µg/kg for soil, µg/L for water)	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
Xylene (Total) (µg/kg for soil, µg/L for water)	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
TPH Extractable (mg/kg for soil, µg/L for water)																								
JP-4 Range Organics	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
JP-5 Range Organics	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
Diesel Range Organics	3400	Ja	54	U	11	UJc	130	Ja	12	U	11	U	11	U	11	U	440	H	66	H	21	UJf	150	H
TPH - Weathered Diesel (C8-C26)	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
TPH - Diesel F-76 (C8-C28)	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
Motor Oil Range Organics	1400	Ja	260	Y	11	U	150	Ja	100	Y	42	Y	50	Y	120	Y	120	H	56	Jg	25	U	300	L
Other Heavy TPH Components	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
TPH - Bunker Fuel (C10-C28)	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
VOAs (mg/kg for soil, µg/L for water)																								
1,1,1-Trichloroethane	1.4	U	0.011	U	0.011	U	0.012	U	NA		NA		NA		NA		NA		NA		NA		NA	
1,1,2,2-Tetrachloroethane	1.4	U	0.011	U	0.011	U	0.012	U	NA		NA		NA		NA		NA		NA		NA		NA	
1,1,2-Trichloroethane	1.4	U	0.011	U	0.011	U	0.012	U	NA		NA		NA		NA		NA		NA		NA		NA	
1,1-Dichloroethane	1.4	U	0.011	U	0.011	U	0.012	U	NA		NA		NA		NA		NA		NA		NA		NA	
1,1-Dichloroethene	1.4	U	0.011	U	0.011	U	0.012	U	NA		NA		NA		NA		NA		NA		NA		NA	
1,2-Dichlorobenzene	1.4	UJc	0.011	U	0.011	U	0.012	U	NA		NA		NA		NA		NA		NA		NA		NA	
1,2-Dichloroethane	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
1,2-Dichloroethene (total)	1.4	U	0.011	U	0.011	U	0.012	U	NA		NA		NA		NA		NA		NA		NA		NA	
1,2-Dichloropropane	1.4	U	0.011	U	0.011	U	0.012	U	NA		NA		NA		NA		NA		NA		NA		NA	
1,3-Dichlorobenzene	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
1,4-Dichlorobenzene	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
2-Butanone	1.4	U	0.011	UJb	0.011	U	0.012	U	NA		NA		NA		NA		NA		NA		NA		NA	
2-Hexanone	1.4	U	0.011	U	0.011	U	0.012	U	NA		NA		NA		NA		NA		NA		NA		NA	
4-Methyl-2-Pentanone	1.4	U	0.011	UJc	0.011	UJc	0.012	U	NA		NA		NA		NA		NA		NA		NA		NA	
Acetone	1.4	U	0.011	UJb	0.011	UJb	0.012	UJb	NA		NA		NA		NA		NA		NA		NA		NA	
Benzene	1.4	U	0.011	U	0.011	U	0.012	U	NA		NA		NA		NA		NA		NA		NA		NA	

TABLE 6

SOIL DATA SUMMARY FOR DRUM LOT 1

POINT NAME	EX11-25		EX11-26		EX11-27		EX11-31		EX11-34		EX11-35		EX11-36		EX11-37		EX11-52		EX11-60		EX11-66		EX11-67	
SAMPLE DATE	24-Nov-98		24-Nov-98		24-Nov-98		24-Nov-98		4-Feb-99		4-Feb-99		4-Feb-99		5-Feb-99		13-Jan-00		20-Jan-00		16-Feb-00		16-Feb-00	
SAMPLE DEPTH (ft.)	7		6		5		5		2.5		3.5		4		4		1.5		2		0.5		0.5	
SAMPLE MEDIUM	soil		soil		soil		soil		soil		soil		soil		soil		soil		soil		soil		soil	
Bromodichloromethane	1.4	U	0.011	U	0.011	U	0.012	U	NA		NA		NA		NA		NA		NA		NA		NA	
Bromoform	1.4	U	0.011	U	0.011	U	0.012	U	NA		NA		NA		NA		NA		NA		NA		NA	
Bromomethane	1.4	U	0.011	U	0.011	U	0.012	U	NA		NA		NA		NA		NA		NA		NA		NA	
Carbon Disulfide	1.4	UJc	0.011	UJc	0.002	Jc,g	0.012	U	NA		NA		NA		NA		NA		NA		NA		NA	
Carbon Tetrachloride	1.4	U	0.011	U	0.011	U	0.012	U	NA		NA		NA		NA		NA		NA		NA		NA	
Chlorobenzene	1.4	U	0.011	U	0.011	U	0.012	U	NA		NA		NA		NA		NA		NA		NA		NA	
Chloroethane	1.4	U	0.011	U	0.011	U	0.012	U	NA		NA		NA		NA		NA		NA		NA		NA	
Chloroform	1.4	U	0.011	U	0.011	U	0.012	U	NA		NA		NA		NA		NA		NA		NA		NA	
Chloromethane	1.4	U	0.011	U	0.011	U	0.012	U	NA		NA		NA		NA		NA		NA		NA		NA	
Cis-1,2-Dichloroethene	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
Cis-1,3-Dichloropropene	1.4	U	0.011	U	0.011	U	0.012	U	NA		NA		NA		NA		NA		NA		NA		NA	
Dibromochloromethane	1.4	U	0.011	U	0.011	U	0.012	U	NA		NA		NA		NA		NA		NA		NA		NA	
Ethylbenzene	1.4	U	0.011	U	0.011	U	0.012	U	NA		NA		NA		NA		NA		NA		NA		NA	
Methyl-T-Butyl-Ether	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
Methylene Chloride	1.4	UJb	11	Ujb	15	UJb	0.012	UJb	NA		NA		NA		NA		NA		NA		NA		NA	
O-Xylene	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
Styrene	1.4	U	0.011	U	0.011	U	0.012	U	NA		NA		NA		NA		NA		NA		NA		NA	
Tetrachloroethene	1.4	U	0.011	U	0.011	U	0.012	U	NA		NA		NA		NA		NA		NA		NA		NA	
Toluene	1.4	U	0.011	U	0.011	U	0.012	U	NA		NA		NA		NA		NA		NA		NA		NA	
Trans-1,2-Dichloroethene	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
Trans-1,3-Dichloropropene	1.4	U	0.011	U	0.011	U	0.012	U	NA		NA		NA		NA		NA		NA		NA		NA	
Trichloroethene	1.4	U	0.011	U	0.011	U	0.012	U	NA		NA		NA		NA		NA		NA		NA		NA	
Vinyl Chloride	1.4	U	0.011	U	0.011	U	0.012	U	NA		NA		NA		NA		NA		NA		NA		NA	
Xylene (total)	1.4		0.011	U	0.011	U	0.012	U	NA		NA		NA		NA		NA		NA		NA		NA	
SVOA (µg/kg for soil, µg/L for water)																								
1-Methylnapthalene	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
1,2,4-Trichlorobenzene	NA		NA		NA		NA		1800	U	1700	U	1800	U	1800	U	NA		NA		NA		NA	
1,2-Dichlorobenzene	NA		NA		NA		NA		870	U	830	U	870	U	870	U	NA		NA		NA		NA	
1,3-Dichlorobenzene	NA		NA		NA		NA		870	U	830	U	870	U	870	U	NA		NA		NA		NA	
1,4-Dichlorobenzene	NA		NA		NA		NA		870	U	830	U	870	U	870	U	NA		NA		NA		NA	
2,2'-Oxybis(1-Chloropropane)	NA		NA		NA		NA		1800	U	1700	U	1800	U	1800	U	NA		NA		NA		NA	
2,4,5-Trichlorophenol	NA		NA		NA		NA		4500	U	4300	U	4500	U	4500	U	NA		NA		NA		NA	
2,4,6-Trichlorophenol	NA		NA		NA		NA		1800	U	1700	U	1800	U	1800	U	NA		NA		NA		NA	
2,4-Dichlorophenol	NA		NA		NA		NA		1800	U	1700	U	1800	U	1800	U	NA		NA		NA		NA	

TABLE 6

SOIL DATA SUMMARY FOR DRUM LOT 1

POINT NAME	EX11-25		EX11-26		EX11-27		EX11-31		EX11-34		EX11-35		EX11-36		EX11-37		EX11-52		EX11-60		EX11-66		EX11-67	
SAMPLE DATE	24-Nov-98		24-Nov-98		24-Nov-98		24-Nov-98		4-Feb-99		4-Feb-99		4-Feb-99		5-Feb-99		13-Jan-00		20-Jan-00		16-Feb-00		16-Feb-00	
SAMPLE DEPTH (ft.)	7		6		5		5		2.5		3.5		4		4		1.5		2		0.5		0.5	
SAMPLE MEDIUM	soil		soil		soil		soil		soil		soil		soil		soil		soil		soil		soil		soil	
2,4-Dimethylphenol	NA		NA		NA		NA		1800	U	1700	U	1800	U	1800	U	NA		NA		NA		NA	
2,4-Dinitrophenol	NA		NA		NA		NA		4500	UJc	4300	UJc	4500	UJc	4500	UJc	NA		NA		NA		NA	
2,4-Dinitrotoluene	NA		NA		NA		NA		1800	U	1700	U	1800	U	1800	U	NA		NA		NA		NA	
2,6-Dinitrotoluene	NA		NA		NA		NA		1800	U	1700	U	1800	U	1800	U	NA		NA		NA		NA	
2-Chloronaphthalene	NA		NA		NA		NA		1800	U	1700	U	1800	U	1800	U	NA		NA		NA		NA	
2-Chlorophenol	NA		NA		NA		NA		1800	U	1700	U	1800	U	1800	U	NA		NA		NA		NA	
2-Methylnaphthalene	NA		NA		NA		NA		1800	U	1700	U	1800	U	1800	U	NA		NA		NA		NA	
2-Methylphenol	NA		NA		NA		NA		1800	UJc	1700	UJc	1800	UJc	1800	UJc	NA		NA		NA		NA	
2-Nitroaniline	NA		NA		NA		NA		4500	U	4300	U	4500	U	4500	U	NA		NA		NA		NA	
2-Nitrophenol	NA		NA		NA		NA		1800	U	1700	U	1800	U	1800	U	NA		NA		NA		NA	
3,3'-Dichlorobenzidine	NA		NA		NA		NA		1800	U	1700	U	1800	U	1800	U	NA		NA		NA		NA	
3-Nitroaniline	NA		NA		NA		NA		4500	U	4300	U	4500	U	4500	U	NA		NA		NA		NA	
4,6-Dinitro-2-Methylphenol	NA		NA		NA		NA		4500	U	4300	U	4500	U	4500	U	NA		NA		NA		NA	
4-Bromophenyl-Phenylether	NA		NA		NA		NA		1800	U	1700	U	1800	U	1800	U	NA		NA		NA		NA	
4-Chloro-3-Methylphenol	NA		NA		NA		NA		1800	U	1700	U	1800	U	1800	U	NA		NA		NA		NA	
4-Chloroaniline	NA		NA		NA		NA		1800	U	1700	U	1800	U	1800	U	NA		NA		NA		NA	
4-Chlorophenyl-Phenylether	NA		NA		NA		NA		1800	U	1700	U	1800	U	1800	U	NA		NA		NA		NA	
4-Methylphenol	NA		NA		NA		NA		1800	U	1700	U	1800	U	1800	U	NA		NA		NA		NA	
4-Nitroaniline	NA		NA		NA		NA		4500	U	4300	U	4500	U	4500	U	NA		NA		NA		NA	
4-Nitrophenol	NA		NA		NA		NA		4500	U	4300	U	4500	U	4500	U	NA		NA		NA		NA	
Acenaphthene	NA		NA		NA		NA		1800	U	1700	U	1800	U	1800	U	NA		NA		NA		NA	
Acenaphthylene	NA		NA		NA		NA		1800	U	1700	U	1800	U	1800	U	NA		NA		NA		NA	
Anthracene	NA		NA		NA		NA		1800	U	1700	U	1800	U	1800	U	NA		NA		NA		NA	
Benzo(a)anthracene	NA		NA		NA		NA		1800	U	1700	U	250	Jg	1800	U	NA		NA		NA		NA	
Benzo(a)pyrene	NA		NA		NA		NA		1800	U	1700	U	490	Jg	1800	U	NA		NA		NA		NA	
Benzo(b)fluoranthene	NA		NA		NA		NA		1800	U	1700	U	630	Jg	1800	U	NA		NA		NA		NA	
Benzo(g,h,i)perylene	NA		NA		NA		NA		1800	U	1700	U	1100	Jg	1800	U	NA		NA		NA		NA	
Benzo(k)fluoranthene	NA		NA		NA		NA		1800	U	1700	U	390	Jg	1800	U	NA		NA		NA		NA	
Bis(2-Chloroethoxy)methane	NA		NA		NA		NA		1800	U	1700	U	1800	U	1800	U	NA		NA		NA		NA	
Bis(2-Chloroethyl)ether	NA		NA		NA		NA		1800	U	1700	U	1800	U	1800	U	NA		NA		NA		NA	
Bis(2-Ethylhexyl)phthalate	NA		NA		NA		NA		710	UJc	680	UJc	710	UJc	700	UJc	NA		NA		NA		NA	
Butylbenzylphthalate	NA		NA		NA		NA		1800	UJc	1700	UJc	1800	UJc	1800	UJc	NA		NA		NA		NA	
Carbazole	NA		NA		NA		NA		1800	U	1700	U	1800	U	1800	U	NA		NA		NA		NA	
Chrysene	NA		NA		NA		NA		1800	U	1700	U	270	Jg	1800	U	NA		NA		NA		NA	

TABLE 6

SOIL DATA SUMMARY FOR DRUM LOT 1

POINT NAME	EX11-25		EX11-26		EX11-27		EX11-31		EX11-34		EX11-35		EX11-36		EX11-37		EX11-52		EX11-60		EX11-66		EX11-67	
SAMPLE DATE	24-Nov-98		24-Nov-98		24-Nov-98		24-Nov-98		4-Feb-99		4-Feb-99		4-Feb-99		5-Feb-99		13-Jan-00		20-Jan-00		16-Feb-00		16-Feb-00	
SAMPLE DEPTH (ft.)	7		6		5		5		2.5		3.5		4		4		1.5		2		0.5		0.5	
SAMPLE MEDIUM	soil		soil		soil		soil		soil		soil		soil		soil		soil		soil		soil		soil	
DI-N-Butylphthalate	NA		NA		NA		NA		1800	U	1700	U	1800	U	1800	U	NA		NA		NA		NA	
Di-N-Octylphthalate	NA		NA		NA		NA		1800	UJc	1700	UJc	1800	UJc	1800	UJc	NA		NA		NA		NA	
Dibenzo(a,h)anthracene	NA		NA		NA		NA		1800	U	1700	U	280	Jg	1800	U	NA		NA		NA		NA	
Dibenzofuran	NA		NA		NA		NA		1800	U	1700	U	1800	U	1800	U	NA		NA		NA		NA	
Diethylphthalate	NA		NA		NA		NA		1800	U	1700	U	1800	U	1800	U	NA		NA		NA		NA	
Dimethylphthalate	NA		NA		NA		NA		1800	U	1700	U	1800	U	1800	U	NA		NA		NA		NA	
Fluoranthene	NA		NA		NA		NA		1800	U	1700	U	1800	U	1800	U	NA		NA		NA		NA	
Fluorene	NA		NA		NA		NA		1800	U	1700	U	1800	U	1800	U	NA		NA		NA		NA	
Hexachlorobenzene	NA		NA		NA		NA		1800	UJc	1700	UJc	1800	UJc	1800	UJc	NA		NA		NA		NA	
Hexachlorobutadiene	NA		NA		NA		NA		1800	UJc	1700	UJc	1800	UJc	1800	UJc	NA		NA		NA		NA	
Hexachlorocyclopentadiene	NA		NA		NA		NA		1800	UJc	1700	UJc	1800	UJc	1800	UJc	NA		NA		NA		NA	
Hexachloroethane	NA		NA		NA		NA		1800	U	1700	U	1800	U	1800	U	NA		NA		NA		NA	
Indeno(1,2,3-cd)pyrene	NA		NA		NA		NA		1800	U	1700	U	860	Jg	1800	U	NA		NA		NA		NA	
Isophorone	NA		NA		NA		NA		1800	U	1700	U	1800	U	1800	U	NA		NA		NA		NA	
N-Nitroso-Di-N-Propylamne	NA		NA		NA		NA		1800	U	1700	U	1800	U	1800	U	NA		NA		NA		NA	
N-Nitrosodiphenylamine (1)	NA		NA		NA		NA		1800	UJc	1700	UJc	1800	UJc	1800	UJc	NA		NA		NA		NA	
Naphthalene	NA		NA		NA		NA		1800	U	1700	U	1800	U	1800	U	NA		NA		NA		NA	
Nitrobenzene	NA		NA		NA		NA		1800	U	1700	U	1800	U	1800	U	NA		NA		NA		NA	
Pentachlorophenol	NA		NA		NA		NA		4500	UJc	4300	UJc	4500	UJc	4500	UJc	NA		NA		NA		NA	
Phenanthrene	NA		NA		NA		NA		1800	U	1700	U	1800	U	1800	U	NA		NA		NA		NA	
Phenol	NA		NA		NA		NA		1800	U	1700	U	1800	U	1800	U	NA		NA		NA		NA	
Pyrene	NA		NA		NA		NA		1800	UJc	1700	UJc	1800	UJc	1800	UJc	NA		NA		NA		NA	

TABLE 6

SOIL DATA SUMMARY FOR DRUM LOT 1

POINT NAME	EXUST-3	
SAMPLE DATE	30-May-00	
SAMPLE DEPTH (ft.)	8	
SAMPLE MEDIUM	soil	
TPH Purgeable		
Gasoline (mg/kg for soil, µg/L for water)	1.6	GD
Other Light TPH Components (mg/kg for soil, µg/L for water)	NA	
MTBE (µg/kg for soil, µg/L for water)	NA	
Benzene (µg/kg for soil, µg/L for water)	NA	
Ethylbenzene (µg/kg for soil, µg/L for water)	NA	
Toluene (µg/kg for soil, µg/L for water)	NA	
Xylene (Total) (µg/kg for soil, µg/L for water)	NA	
TPH Extractable (mg/kg for soil, µg/L for water)		
JP-4 Range Organics	NA	
JP-5 Range Organics	NA	
Diesel Range Organics	58	UJf
TPH - Weathered Diesel (C8-C26)	NA	
TPH - Diesel F-76 (C8-C28)	NA	
Motor Oil Range Organics	60	M
Other Heavy TPH Components	NA	
TPH - Bunker Fuel (C10-C28)	NA	
VOAs (mg/kg for soil, µg/L for water)		
1,1,1-Trichloroethane	NA	
1,1,2,2-Tetrachloroethane	NA	
1,1,2-Trichloroethane	NA	
1,1-Dichloroethane	NA	
1,1-Dichloroethene	NA	
1,2-Dichlorobenzene	NA	
1,2-Dichloroethane	NA	
1,2-Dichloroethene (total)	NA	
1,2-Dichloropropane	NA	
1,3-Dichlorobenzene	NA	
1,4-Dichlorobenzene	NA	
2-Butanone	NA	
2-Hexanone	NA	
4-Methyl-2-Pentanone	NA	
Acetone	NA	
Benzene	NA	

Notes:

MTBE	Methyl-tertiary butyl ether
NA	Not analyzed
µg/kg	Micrograms per kilogram
µg/L	Micrograms per liter
mg/kg	Milligrams per kilogram
PAH	Polynuclear aromatic hydrocarbon
SVOA	Semivolatile organic analysis
TPH	Total petroleum hydrocarbon
VOAs	Volatile organic analyses

Data Validation Qualifiers

B	Analyte present in associated blank as well as in sample
D	Sample was diluted
J	Estimated detected result
H	Pattern is in the heavier hycrocarbon range
M	Summary compound
U	Nondetected result
UJ	Estimated nondetected result
Y	Mixture in JP-5 and diesel ranges; Or mixture in JP-5 range chromatograph response did not resemble a typical fuel pattern or fuel pattern does not match standard
Z	Not a typical gas pattern; most of the peaks in the chromatogram correspond to the heavier portion of the chain. Or no fuel pattern (individual peaks only)

Data Validation Qualifier Codes

a	Surrogate recovery exceeded
b	Laboratory method blank and common blank contamination
c	Calibration exceeded
e	Matrix spike/laboratory control sample (LCS) recovery exceeded
f	Field blank contamination
g	Quantification below reporting limit
i	Internal standard exceeded
j	Other qualifications

TABLE 6

SOIL DATA SUMMARY FOR DRUM LOT 1

POINT NAME	EXUST-3	
SAMPLE DATE	30-May-00	
SAMPLE DEPTH (ft.)	8	
SAMPLE MEDIUM	soil	
Bromodichloromethane	NA	
Bromoform	NA	
Bromomethane	NA	
Carbon Disulfide	NA	
Carbon Tetrachloride	NA	
Chlorobenzene	NA	
Chloroethane	NA	
Chloroform	NA	
Chloromethane	NA	
Cis-1,2-Dichloroethene	NA	
Cis-1,3-Dichloropropene	NA	
Dibromochloromethane	NA	
Ethylbenzene	NA	
Methyl-T-Butyl-Ether	NA	
Methylene Chloride	NA	
O-Xylene	NA	
Styrene	NA	
Tetrachloroethene	NA	
Toluene	NA	
Trans-1,2-Dichloroethene	NA	
Trans-1,3-Dichloropropene	NA	
Trichloroethene	NA	
Vinyl Chloride	NA	
Xylene (total)	NA	
SVOA (µg/kg for soil, µg/L for water)		
1-Methylnapthalene	NA	
1,2,4-Trichlorobenzene	NA	
1,2-Dichlorobenzene	NA	
1,3-Dichlorobenzene	NA	
1,4-Dichlorobenzene	NA	
2,2'-Oxybis(1-Chloropropane)	NA	
2,4,5-Trichlorophenol	NA	
2,4,6-Trichlorophenol	NA	
2,4-Dichlorophenol	NA	

Notes:

MTBE	Methyl-tertiary butyl ether
NA	Not analyzed
µg/kg	Micrograms per kilogram
µg/L	Micrograms per liter
mg/kg	Milligrams per kilogram
PAH	Polynuclear aromatic hydrocarbon
SVOA	Semivolatile organic analysis
TPH	Total petroleum hydrocarbon
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Data Validation Qualifier Codes

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j	Other qualifications

TABLE 6

SOIL DATA SUMMARY FOR DRUM LOT 1

POINT NAME	EXUST-3	
SAMPLE DATE	30-May-00	
SAMPLE DEPTH (ft.)	8	
SAMPLE MEDIUM	soil	
2,4-Dimethylphenol	NA	
2,4-Dinitrophenol	NA	
2,4-Dinitrotoluene	NA	
2,6-Dinitrotoluene	NA	
2-Chloronaphthalene	NA	
2-Chlorophenol	NA	
2-Methylnaphthalene	NA	
2-Methylphenol	NA	
2-Nitroaniline	NA	
2-Nitrophenol	NA	
3,3'-Dichlorobenzidine	NA	
3-Nitroaniline	NA	
4,6-Dinitro-2-Methylphenol	NA	
4-Bromophenyl-Phenylether	NA	
4-Chloro-3-Methylphenol	NA	
4-Chloroaniline	NA	
4-Chlorophenyl-Phenylether	NA	
4-Methylphenol	NA	
4-Nitroaniline	NA	
4-Nitrophenol	NA	
Acenaphthene	NA	
Acenaphthylene	NA	
Anthracene	NA	
Benzo(a)anthracene	NA	
Benzo(a)pyrene	NA	
Benzo(b)fluoranthene	NA	
Benzo(g,h,i)perylene	NA	
Benzo(k)fluoranthene	NA	
Bis(2-Chloroethoxy)methane	NA	
Bis(2-Chloroethyl)ether	NA	
Bis(2-Ethylhexyl)phthalate	NA	
Butylbenzylphthalate	NA	
Carbazole	NA	
Chrysene	NA	

Notes;

MTBE	Methyl-tertiary butyl ether
NA	Not analyzed
µg/kg	Micrograms per kilogram
µg/L	Micrograms per liter
mg/kg	Milligrams per kilogram
PAH	Polynuclear aromatic hydrocarbon
SVOA	Semivolatile organic analysis
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TABLE 6

SOIL DATA SUMMARY FOR DRUM LOT 1

POINT NAME	EXUST-3	
SAMPLE DATE	30-May-00	
SAMPLE DEPTH (ft.)	8	
SAMPLE MEDIUM	soil	
DI-N-Butylphthalate	NA	
Di-N-Octylphthalate	NA	
Dibenzo(a,h)anthracene	NA	
Dibenzofuran	NA	
Diethylphthalate	NA	
Dimethylphthalate	NA	
Fluoranthene	NA	
Fluorene	NA	
Hexachlorobenzene	NA	
Hexachlorobutadiene	NA	
Hexachlorocyclopentadiene	NA	
Hexachloroethane	NA	
Indeno(1,2,3-cd)pyrene	NA	
Isophorone	NA	
N-Nitroso-Di-N-Propylamne	NA	
N-Nitrosodiphenylamine (1)	NA	
Naphthalene	NA	
Nitrobenzene	NA	
Pentachlorophenol	NA	
Phenanthrene	NA	
Phenol	NA	
Pyrene	NA	

Notes:

MTBE	Methyl-tertiary butyl ether
NA	Not analyzed
µg/kg	Micrograms per kilogram
µg/L	Micrograms per liter
mg/kg	Milligrams per kilogram
PAH	Polynuclear aromatic hydrocarbon
SVOA	Semivolatile organic analysis
TPH	Total petroleum hydrocarbon
VOAs	Volatile organic analyses

Data Validation Qualifiers

B	Analyte present in associated blank as well as in sample
D	Sample was diluted
J	Estimated detected result
H	Pattern is in the heavier hycrocarbon range
M	Summary compound
U	Nondetected result
UJ	Estimated nondetected result
Y	Mixture in JP-5 and diesel ranges; Or mixture in JP-5 range chromatograph response did not resemble a typical fuel pattern or fuel pattern does not match standard
Z	Not a typical gas pattern; most of the peaks in the chromatogram correspond to the heavier portion of the chain. Or no fuel pattern (individual peaks only)

Data Validation Qualifier Codes

a	Surrogate recovery exceeded
b	Laboratory method blank and common blank contamination
c	Calibration exceeded
e	Matrix spike/laboratory control sample (LCS) recovery exceeded
f	Field blank contamination
g	Quantification below reporting limit
i	Internal standard exceeded
j	Other qualifications

TABLE 7

NFD POINT MOLATE
PROPOSED SAMPLE LOCATIONS

Location Name	Sample Purpose	Sample Analyses
North Shoreline Area – Groundwater		
MW11-05	Evaluate previous detections of TCE and 1,2-DCE	VOCs
North Shoreline Area – Soil		
SB11-99	Evaluate former fire training pit as source of site contamination	TPH-e, TPH-p, PAHs, and VOCs
South Shoreline Area – Groundwater		
MW10-21	Replace well ERM10-01 and evaluate for presence of free product and evaluate previous analytical results that exceeded FPAL.	TPH-e, TPH-p, PAHs, VOCs, and natural attenuation parameters
MW10-23	Evaluate condition of groundwater in area where stained soils were identified during pipeline removal	TPH-e, TPH-p, PAHs, and VOCs
MW10-10	Evaluated previous detections of chlorinated VOCs	VOCs
South Shoreline Area – Soil		
SB10-21 SB10-22 SB10-23 SB10-24	Collect data to evaluate observations during basewide pipeline removal.	TPH-e, TPH-p, PAHs, and VOCs
Drum Lot 1 – Groundwater		
MW11-88	Evaluate previous analytical results that exceeded FPAL and sheet pile wall	TPH-e, TPH-p, PAHs, VOCs, and natural attenuation parameters
MW11-22	Evaluate previous analytical results that exceeded FPAL.	TPH-e, TPH-p, PAHs, VOCs, and natural attenuation parameters
MW11-19	Evaluate previous analytical results that exceeded FPAL.	TPH-e, TPH-p, PAHs, VOCs, and natural attenuation parameters
PZ11-75	Evaluate previous analytical results that exceeded FPAL.	TPH-e, TPH-p, PAHs, VOCs, and natural attenuation parameters
MW11-57	Evaluate previous analytical results that exceeded FPAL.	TPH-e, TPH-p, PAHs, VOCs, and natural attenuation parameters
PZ11-76	Evaluate previous analytical results that exceeded FPAL.	TPH-e, TPH-p, PAHs, VOCs, and natural attenuation parameters
MW11-86	Evaluate previous analytical results that exceeded FPAL.	TPH-e, TPH-p, PAHs, VOCs, and natural attenuation parameters
MW11-80	Evaluate for previous chlorinated VOC detection	TPH-e, TPH-p, PAHs, VOCs
MW11-85	Evaluate for previous chlorinated VOC detection	TPH-e, TPH-p, PAHs, VOCs
MW11-86	Evaluate for previous chlorinated VOC detection	TPH-e, TPH-p, PAHs, VOCs
MW11-82	Evaluate for previous chlorinated VOC detection	TPH-e, TPH-p, PAHs, VOCs
MW11-83	Evaluate for previous chlorinated VOC detection	TPH-e, TPH-p, PAHs, VOCs
MW11-100	Evaluate Building 89 as a source of chlorinated VOCs in groundwater	TPH-e, TPH-p, PAHs, VOCs
MW11-20	Evaluate sheet pile wall	TPH-e, TPH-p, PAHs, VOCs

TABLE 7 (Continued)

NFD POINT MOLATE
PROPOSED SAMPLE LOCATIONS

Location Name	Sample Purpose	Sample Analyses
Drum Lot 1 – Soil		
SB11-100 through SB11-105	Evaluate chlorinated VOCs near Building 89	TPH-e, TPH-p, PAHs, VOCs
SB11-106 through SB11-116	Evaluate previous analytical results that exceeded FPAL at pipeline removal areas	TPH-e, TPH-p, PAHs, VOCs
SB11-117 and SB11-118	Evaluate non-source areas within Drum Lot 1	TPH-e, TPH-p, PAHs, VOCs

Notes:

1,2-DCE 1,2-Dichloroethene
FPAL Fuel product action level
PAH Polyraromatic hydrocarbons
TCE Trichloroethylene
TPH-e Total petroleum hydrocarbons-extractable
TPH-p Total petroleum hydrocarbons-purgeable
VOC Volatile organic compound

TA. . 8

FUEL PRODUCT ACTION LEVELS
ORIGINALLY DEVELOPED FOR THE PRESIDIO OF SAN FRANCISCO
(BOARD ORDER 96-070)

Chemical	Soil		Subsurface Soil Near Groundwater (mg/kg)		Soil	Groundwater[f]	
	Park Maintenance[a] (mg/kg)	Recreational[b] (mg/kg)	> 5 ft[c]	< 5 ft[d]	Terrestrial Ecological Receptors[e] (mg/kg)	> 150 ft[(g)] (µg/L)	≤ 150 ft[(h)] (µg/L)
TPH-g (Gasoline)	5,900 [i]	2,400 [i]	5,000	1,690	610	13,000	1,200
TPH-d (Diesel)	6,700 [j]	3,200 [j]	15,000	1,950	700	15,000	2,200 [k]
TPH-r (Residual/Fuel Oil)	9,400 [j]	4,500 [j]	15,000	2,730	980	21,000	2,200 [k]
Benzene	5.0	1.5	140	1	40	650	510
Toluene	12,800	1,200	420	14	270	2,100	1,000
Ethylbenzene	6,600	1,900	60	19	125	1,000	43
Xylenes	109,000	2,500	180	4,340	55	232,000	130
Carcinogenic Polyaromatic Hydrocarbons							
Benzo(a)pyrene	0.15	0.10	-	9	0.3	0.6	-
Benzo(b)flouranthene	1.50	1.00	-	64	-	5.5	-
Benzo(k)flouranthene	1.50	1.00	-	64	-	5.5	-
Benzo(a)anthracene	1.50	1.00	-	23	-	8.2	-
Chrysene	15	10	-	151	-	82	-
Noncarcinogenic Polyaromatic Hydrocarbons							
Anthracene	17,800	13,800	-	1,120	-	2,800	-
Benzo(g,h,i) perylene	1,700	1,400	-	19,500	-	580	-
Fluoranthene	2,300	1,900	-	1,160	-	1,100	-
Fluorene	2,300	1,800	-	220	-	1,100	-
Napthalene	2,300	1,100	-	140	-	5,200	-
Phenanthrene	1,700	1,400	-	410	-	1,100	-
Pyrene	1,700	1,400	-	910	-	870	-

Notes:

- = Not available

a = Action level based on Park Maintenance worker/groundskeeper but also includes construction worker, less than 10 feet below ground surface

b = Fuel constituents present at less than 2 feet below ground surface

c = Soil cleanup levels are based on residual saturation, greater than 5 feet above the highest groundwater

d = Soil cleanup levels are risk-based for park maintenance worker,less than 5 feet above the highest groundwater

e = Fuel constituents present at less than 3 feet below ground surface

f = These action levels are not a part of the Board Order; however, they have been approved by Regional Water Quality Control Board Staff

g = Value based on construction worker scenario for groundwater exposure at Crissy Field that is greater than 150 feet from the saltwater protection zone (that is, more than 150 feet from wetlands) is obtained from the FPALDR (Montgomery Watson, 1995b).

h = Value for groundwater within the saltwater protection zone (i.e., less than 150 feet from the wetlands) is obtained from Table 16 of the Report of Petroleum and Hydrocarbon Bioassay and Point-of-Compliance Determinations, Saltwater Ecological Protecti

i = Based on n-hexane as a surrogate compound

j = Based on napthalene as a surrogate compound

k = Concentration reflects both the C12-C24 (diesel) and C24-C36 (fuel oil) fractions found in the specific fuel oil chromatograms

µg/L = Micrograms per liter

mg/kg = Milligrams per kilogram

TABLE 9

MEDICAL FACILITIES AND DIRECTIONS PULLOUT
NFD POINT MOLATE

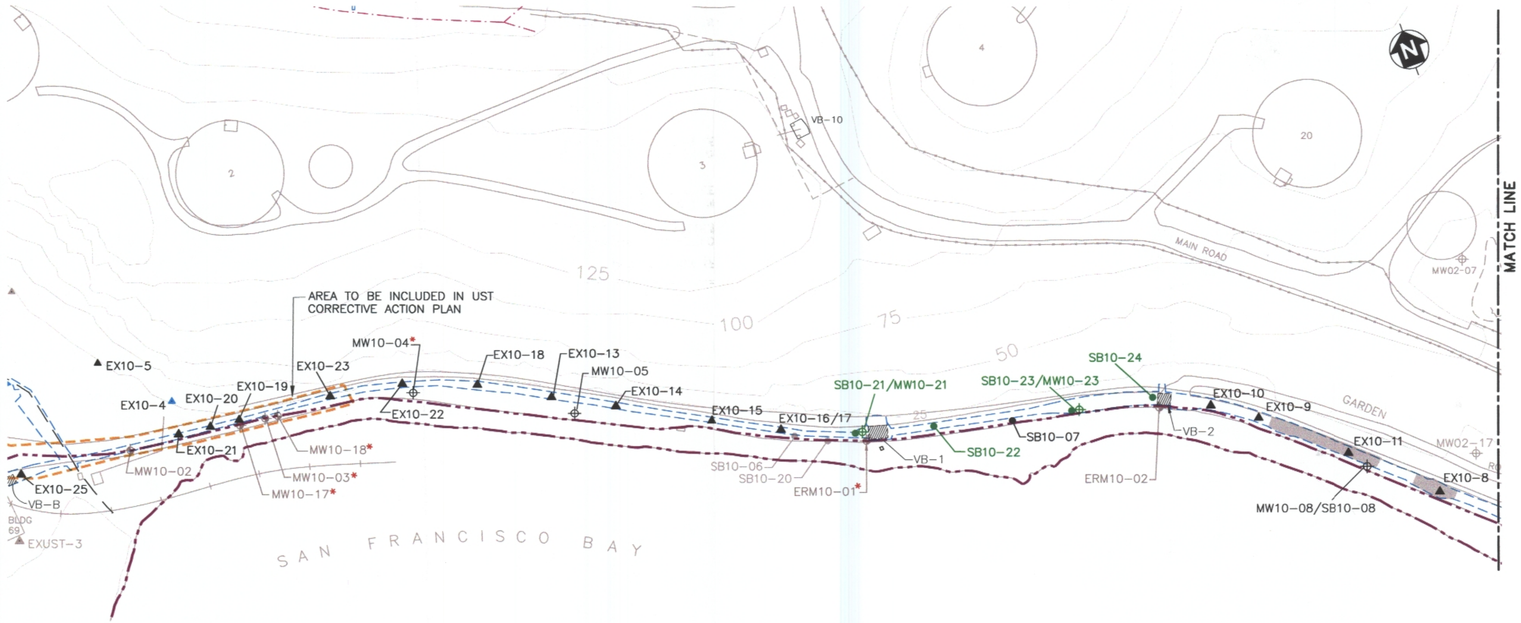
Emergency Room (see Figure 2):

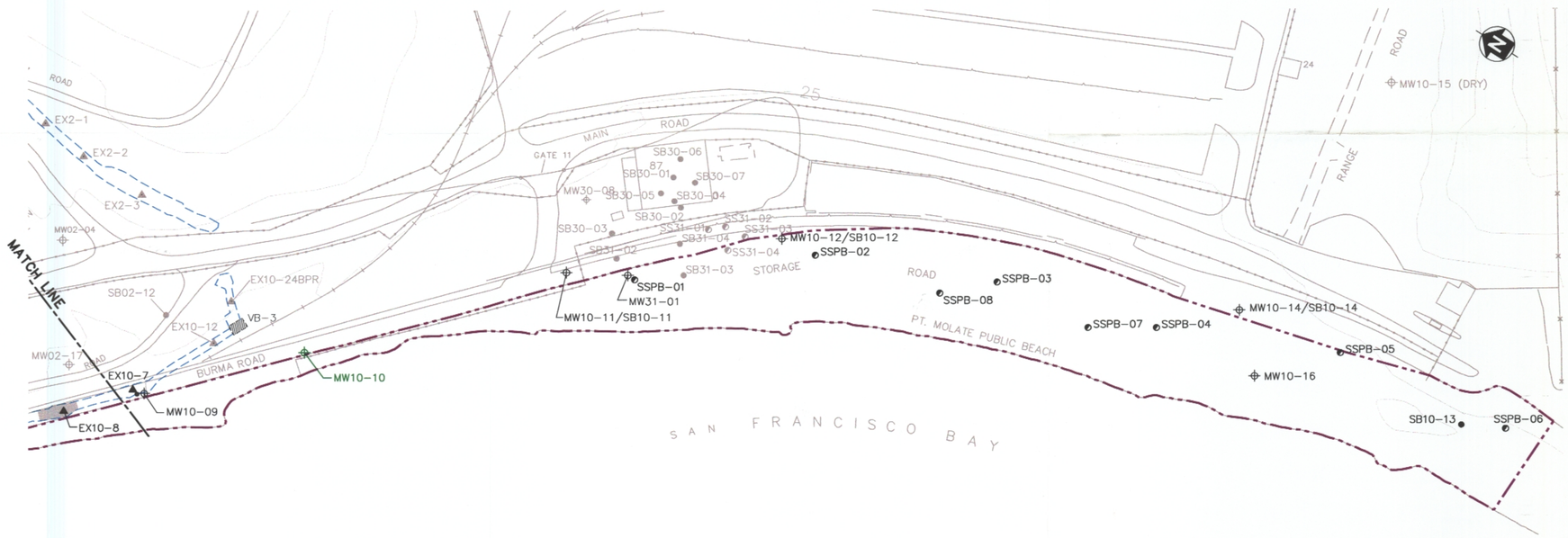
- Site 4 covers the facility's shoreline. From the shoreline, take any one of the many roads that connect the shoreline to the main road (Western Drive is the main road through NFD Point Molate).
- Leave NFD Point Molate on Western Drive
- Go straight to get on Highway 580 East
- From Highway 580 take first exit – Point Richmond and Richmond Parkway
- LEFT under highway heading north on Castro Street, which becomes Richmond Parkway; continue about 6 miles
- RIGHT onto San Pablo Avenue. Stay on San Pablo Avenue through downtown San Pablo for about 2 miles, stay to left when San Pablo Avenue curves left.
- RIGHT on Vale Road (watch for Vale Road and hospital signs)
- First LEFT to hospital emergency room

Doctor's Medical Center
2000 Vale Road
San Pablo, California 94806
(510) 970-5000
Emergency – 911

Note: Depending on traffic, trip to hospital may take more than 30 minutes.

PLATES

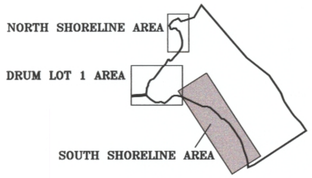




LEGEND

- SITE 4 BOUNDARY
- EXCAVATION EXTENT
- OVEREXCAVATION AREA
- DEMOLISHED VALVE BOX
- EXISTING VALVE BOX
- FENCE
- MONITORING WELL
- DEMOLISHED MONITORING WELL
- AREA TO BE INCLUDED IN UST CORRECTIVE ACTION PLAN
- SOIL SAMPLE LOCATION (PIPELINE REMOVAL)
- GROUNDWATER SAMPLE LOCATION WITH DETECTION EXCEEDING FUEL PRODUCT ACTION LEVELS
- SOIL SAMPLE LOCATION WITH DETECTION EXCEEDING FUEL PRODUCT ACTION LEVELS
- SOIL SAMPLE LOCATION WITH DETECTION EXCEEDING FUEL PRODUCT ACTION LEVELS FOR PAH
- SURFACE SOIL SAMPLE
- SOIL BORING
- PROPOSED ADDITIONAL SOIL BORING SAMPLE LOCATION
- PROPOSED MONITORING WELL (SAMPLE LOCATION)
- EXISTING MONITORING WELL (PROPOSED SAMPLE LOCATION)

NOTE:
SAMPLE LOCATIONS SHOWN IN GRAY SCALE HAVE EITHER NO AVAILABLE ANALYTICAL DATA OR HAVE ONLY SOIL DATA AT A DEPTH GREATER THAN 10 FEET BGS.



100' 0 100' 200'
SCALE: 1" = 100'

PLATE 1
NFD POINT MOLATE
SITE 4 SOUTH SHORELINE AREA

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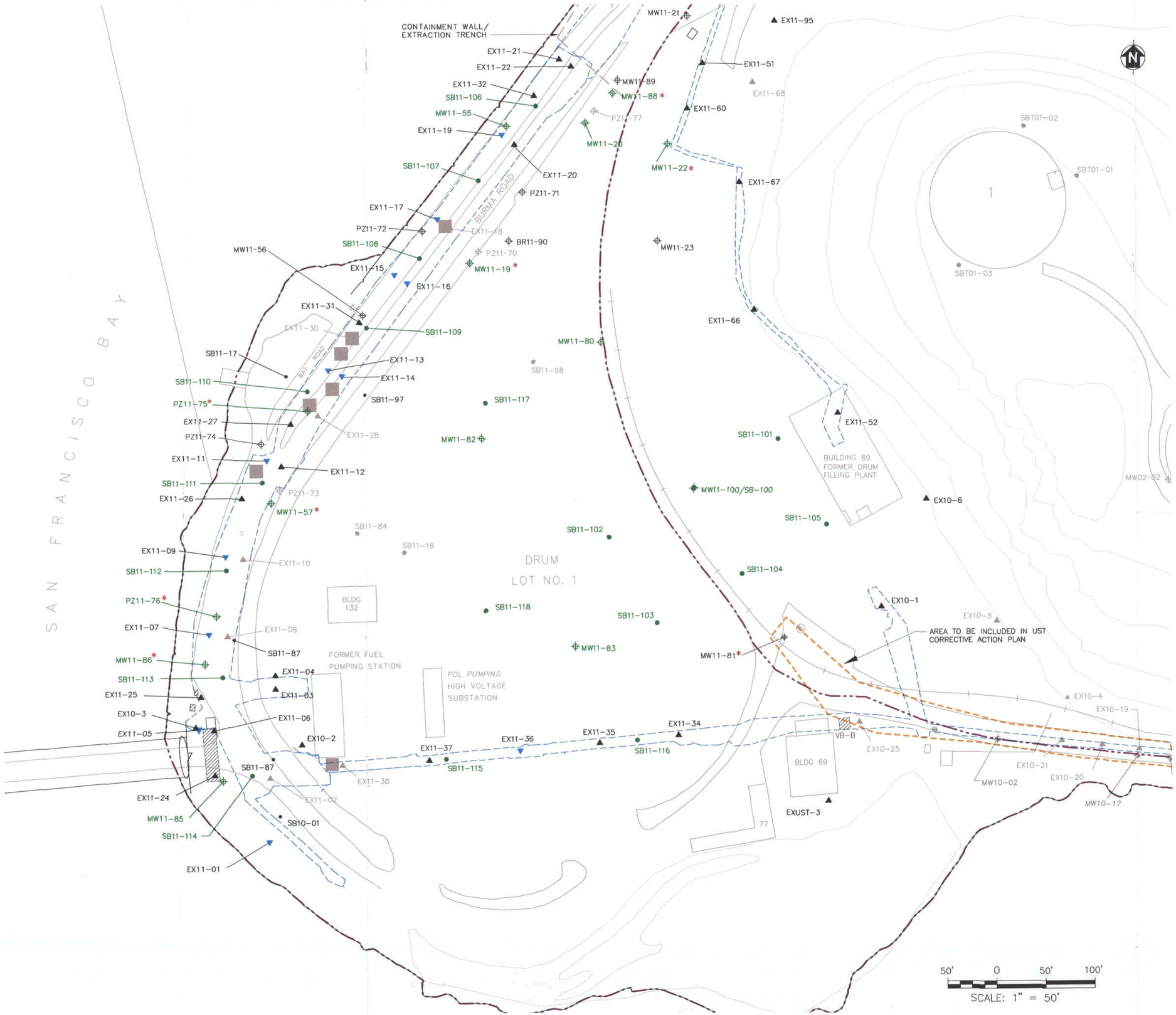

LEGEND

- SITE 4 BOUNDARY
- PIPELINE REMOVAL EXCAVATION EXTENT
- OVEREXCAVATION AREA
- DEMOLISHED VALVE BOX
- EXISTING VALVE BOX
- FENCE
- MONITORING WELL
- DEMOLISHED MONITORING WELL
- SOIL SAMPLE LOCATION (PIPELINE REMOVAL)
- SOIL SAMPLE LOCATION WITH DETECTION EXCEEDING FUEL PRODUCT ACTION LEVELS
- GROUNDWATER SAMPLE LOCATION WITH DETECTION EXCEEDING FUEL PRODUCT ACTION LEVELS
- SOIL SAMPLE LOCATION WITH DETECTION EXCEEDING FUEL PRODUCT ACTION LEVELS FOR PAH
- SOIL BORING
- PROPOSED ADDITIONAL SOIL BORING SAMPLE LOCATION
- PROPOSED MONITORING WELL (SAMPLE LOCATION)
- EXISTING MONITORING WELL (PROPOSED SAMPLE LOCATION)
- AREA TO BE INCLUDED IN UST CORRECTIVE ACTION PLAN

NOTE:
SAMPLE LOCATIONS SHOWN IN GRAY SCALE HAVE EITHER NO AVAILABLE ANALYTICAL DATA OR HAVE ONLY SOIL DATA *AT A DEPTH GREATER THAN 10 FEET BGS.*

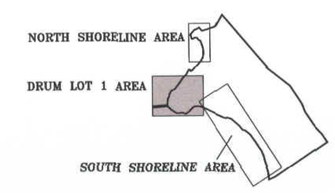

PLATE 2
NFD POINT MOLATE
SITE 4 DRUM LOT 1 AREA

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APPENDIX A – FIELD SAMPLING PLAN

THIS APPENDIX IS NOT AVAILABLE.

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FOR ADDITIONAL INFORMATION, CONTACT:

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SAN DIEGO, CA 92132

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E-MAIL: diane.silva@navy.mil

APPENDIX B – QUALITY ASSURANCE PROJECT PLAN

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APPENDIX C – STANDARD OPERATING PROCEDURES

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APPENDIX D – FIELD FORMS AND DAILY QUALITY CONTROL REPORTS

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