SDMS Document
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AMERADA HESS CORPORATION

732-750-6000
732-750-6105 (FAX)

1 HESS PLAZA
WOODBRIDGE, NJ 07095-0961

December 1, 1998

Mr. Robert Simpson
Bureau of Environmental Evaluation, Cleanup and Responsibility Assessment
New Jersey Department of Environmental Protection
P.O. Box 432
401 East State Street
Trenton, NJ 08625-0432

VIA: CERTIFIED MAIL # Z 077 825 922
RETURN RECEIPT REQUESTED

Re: Former ARCO Terminal
1111 Delancy Street
Newark, Essex County, New Jersey
ISRA Case #86649

Dear Mr. Simpson:

Enclosed is a Remedial Investigation Report (RIR) for the former ARCO Terminal, Delancy Street, Newark, New Jersey (ISRA Case No. 86649). This RIR addresses supplemental soil delineation sampling conducted at the site on August 11-13, 1998. Based on the results of the November 13, 1998 site meeting with you, a revised schedule and Area of Concern plan are also included with this document. Laboratory data are being mailed to you under a separate cover.

Please contact me at (732) 750-6918 if you have any questions or if you require any further information.

Sincerely,

Alex Sagebien, Supervisor
Refining and Marketing Remediation

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December 1, 1998

SOIL REMEDIAL INVESTIGATION REPORT (RIR)

FORMER ARCO TERMINAL
1111 Delancy Street
Newark, Essex County, New Jersey
ISRA Case #86649

Prepared for:

Alex Sagebien, Supervisor
Refining and Marketing Remediation
Amerada Hess Corporation
One Hess Plaza
Woodbridge, NJ 07095

Submitted by:

David S. Felton, P.G.
Certified per N.J.S.A. 58:10A-24.1-8
NJ UST Certification No. 0015629

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SOIL REMEDIAL INVESTIGATION REPORT (RIR)
FORMER ARCO TERMINAL
NEWARK, ESSEX COUNTY, NEW JERSEY

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SOIL REMEDIAL INVESTIGATION REPORT (RIR)
FORMER ARCO TERMINAL
NEWARK, ESSEX COUNTY, NEW JERSEY

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SOIL REMEDIAL INVESTIGATION REPORT (RIR)
FORMER ARCO TERMINAL
NEWARK, ESSEX COUNTY, NEW JERSEY

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SOIL REMEDIAL INVESTIGATION REPORT (RIR)
FORMER ARCO TERMINAL
NEWARK, ESSEX COUNTY, NEW JERSEY

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ATTACHMENT 2 NJDEP FILE REVIEW REQUEST

1.0 INTRODUCTION AND BACKGROUND

The Amerada Hess Corporation (AHC) Newark Delancy Terminal (the site) is located along Delancy Street in the eastern portion of Newark, Essex County, New Jersey (**Figure 1**). The site consists of approximately 60 acres and is bounded to the north by Delancy Street and the Star Enterprises petroleum storage terminal, to the east by Newark Bay, to the south by a drainage swale, undeveloped marshland and the City of Newark Police Firing Range, and to the west by a propane storage facility and a defunct drum recycling company. The eastern third of the site is occupied by 10 petroleum storage tanks and a barge docking facility. Terminal offices, a truck loading rack, and a vehicle garage are located in the central portion of the site, along with a petroleum pipeline that supplies the terminal. This pipeline enters the terminal from the south. The western portion of the site is currently undeveloped, although a propane storage facility was formerly located in this area. Asphalt, gravel or cement pads cover the majority of the eastern and central portions of the site, with the remainder of the site unpaved. The entire facility is underlain by undifferentiated fill ranging up to 12 feet in thickness with the exception of the extreme southern portion of the site. The fill is underlain by marsh sediments consisting of silts and clays with varying amounts of fine sand and organic material.

AHC, the current owner of the facility, accepted environmental responsibility for the site in December 1997 from the Atlantic Richfield Corporation (ARCO), the previous property owner. The New Jersey Department of Environmental Protection (NJDEP) commented on previous environmental investigations at the site in letters dated March 26, 1997, September 15, 1997 and January 8, 1998, requesting additional soil and groundwater delineation activities at the site. AHC responded to these letters with a response document dated February 27, 1998. The February 27 document contained a workplan to perform additional soil and groundwater investigation activities at the site. The NJDEP approved AHC's groundwater sampling and soil delineation plan in a July

7, 1998 comment letter. AHC responded to the comments of the July 7, 1998 NJDEP letter with a letter dated July 31, 1998.

The groundwater investigation activities were performed along with the routine 3rd Quarter 1998 Groundwater Sampling Event on August 3-4, 1998. Soil investigation activities were performed at the site on August 11-13, 1998. The results of the groundwater investigation were reported in the 3rd Quarter 1998 Remedial Action Progress Report, dated October 15, 1998. The results of the soil investigation are presented below within this document.

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2.0 SAMPLING PROGRAM AND METHODOLOGY

As requested by the NJDEP, additional soil borings were completed in the north-central and central portions of the site. The additional borings were performed to fill data gaps in the ARCO soil environmental dataset. The borings were coded to indicate the Area of Concern (AOC) addressed by each boring, in keeping with previous site sampling methodology. Borings within the Propane Power AOC contained the prefix "PP", borings within the Septic System AOC contained the prefix "ST", borings within the Loading Rack AOC contained the prefix "LR" and other borings were denoted with the prefix "B" (**Figure 2**). Figure 2 shows the constituents analyzed at each sampling location. This figure also shows the locations of soil borings completed in October 1994 by Geraghty and Miller, environmental consultants for ARCO. Soil borings around and beneath AST (Aboveground Storage Tank) 304 (one inside, one upgradient, and three downgradient) were also completed during the sampling event (**Figure 2**). These borings were necessary due to vapors detected in the annular space below AST 304 and were completed in accordance with the letter workplan sent to the NJDEP on August 10, 1998.

The borings were completed to a depth of 4 feet below grade (BG) at each location by hand augering, with the exception of the sample underneath AST 304, which was collected at the surface. This sampling strategy assured that the zone of saturation would be reached at each sampling location, since quarterly well gauging at the site has shown that the water table ranges from 2-4 feet BG across the site. Samples were collected by compositing over 2-foot intervals (0-2 and 2-4 feet, respectively). Care was taken to collect volatile samples as quickly as possible following augering to minimize volatilization. All samples were collected in accordance with current NJDEP-approved procedures. As all of the borings were completed in undifferentiated fill with little or no variability between boring locations, boring logs have not been included with this submittal.

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Subsurface conditions prevented the completion of a single boring to 4 feet BG at location ST26. The boring was therefore offset such that the 0-2 foot sample was collected at location ST26A and the 2-4 foot sample was collected at location ST26 (**Figure 2**).

All samples, accompanied by quality control samples (duplicates, field and trip blanks) and chain-of-custody documentation, were taken to the contract laboratory (Accutest Labs) by courier following the completion of each day's sampling.

3.0 SAMPLING RESULTS AND DISCUSSION

The laboratory sample results are presented in **Table 1**. Detected compounds (compounds detected above the respective Method Detection Limit (MDL)) are presented in **Table 2.** Detections of unknown compounds, however, are not included in **Table 2**. As requested in the March 26, 1997 NJDEP comment letter, AHC compared the sample results for each analyte to residential direct contact soil cleanup criteria (RDCSCC). The RDCSCCs are included in **Tables 1** and **2**, along with non-residential direct contact soil cleanup criteria (NDCSCC) and impact to groundwater soil cleanup criteria (IGSCC). Contaminants with analyzed concentrations in excess of RDCSCCs are summarized in **Table 3**. A complete table of the regulatory criteria discussed above, including appropriate footnotes, is included as **Attachment 1** of this document.

Various volatile, semi-volatile (polyaromatic hydrocarbon (PAH)), and total petroleum hydrocarbon (TPH) compounds were detected above MDLs. The compounds detected most frequently included benzene, PAH, TPH and lead. Benzene, TPH and lead concentrations are shown on **Figures 3-5**, respectively. PAH concentrations are not shown on a figure since these compounds were detected in low concentrations across the site with little variability.

Benzene (**Figure 3**) was detected in borings in the Loading Rack and Septic System AOCs at concentrations ranging from ND (non-detect) to 159 mg/kg (Boring LR9). Detections in the AST 304 area ranged from ND to 23 mg/kg (Boring T304C). Benzene was ND in borings completed on the north side of the Propane Power AOC along Delancey Street and in several borings completed in the central portion of the Septic System AOC. The majority of benzene detections exceeded the RDCSCC for benzene of 3 mg/kg.

TPH (**Figure 4**) was detected in all of the borings where it was analyzed, including borings along the north side of the Propane Power AOC along Delancey

Street and the AST 304 borings. Concentrations ranged from 58 mg/kg at location ST26A to 39,200 mg/kg at location PP19, with the highest concentrations along Delancey Street. TPH analyses included both diesel-range organics (DRO) and gasoline-range organics (GRO). As borings LR9, PP18 and PP19 exhibited TPH concentrations above RDCSCC levels, these borings were also analyzed for volatile+10 parameters. Notably, boring LR9 was the only location exhibiting volatile parameter concentrations above RDCSCC levels.

Lead (**Figure 5**) was detected in all of the borings where it was analyzed, including the AST 304 borings and Boring B51A, located west of AST 308. Concentrations ranged from 41 mg/kg at location T304B to 6,520 mg/kg at location T304A. The majority of the lead detections exceeded the RDCSCC for lead of 600 mg/kg.

PAH compounds, as previously stated, were detected in borings across the site, primarily at low (less than 5 mg/kg) concentrations with little variability, and therefore are not depicted as a figure in this report. PAH compounds detected above MDLs include acenaphthene, anthracene, benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, benzo(g,h,i)perylene, benzo(k)fluoranthene, chrysene, fluoranthene, fluorene, indeno(1,2,3-cd)pyrene, naphthalene, phenanthrene and pyrene. Due to the low RDCSCCs for many of these compounds, many of the detections are in excess of their respective RDCSCCs.

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4.0 CONCLUSIONS AND RECOMMENDATIONS

The dataset produced by the current investigation, along with data from previous investigations, has mostly delineated the contamination present in the three target areas (Propane Power, Septic System and Loading Rack AOCs). Some further delineation may be needed in the southwestern, western, and north-central areas of the site and in the AST 304 area. AHC, however, is deferring further delineation activities until all recoverable historical data for the site have been compiled and a file review of the NJDEP files for the adjoining Star Enterprises Petroleum Marketing Facility has been completed. A file review request form has been submitted to the NJDEP for this purpose and is included as **Attachment 2** of this submittal.

A meeting was held at the site on November 13, 1998 between AHC representatives, FWENC representatives and Mr. Robert Simpson, NJDEP Case Manager, to review the current status of the environmental investigations at the site and discuss possible future activities. After reviewing the site history, the decision was made to defer discussion of remedial action alternatives until the investigation parameters are fully delineated at the site and to postpone further delineation activities until a thorough review of historical environmental investigations is conducted to avoid duplication of previous work.

Based on this strategy, AHC submits the revised schedule for site activities in **Figure 6**. AHC proposes to report on the results of the historical and adjacent property environmental investigations in the 4th Quarter 1998 Remedial Action Progress Report on or before January 15, 1999, along with any additional proposed delineation activities. Following NJDEP review and approval, AHC estimates that additional delineation fieldwork (if necessary) will occur in early March 1999. The results of the fieldwork will be reported along with the 1st Quarterly 1999 Remedial Action Progress Report on or before April 15, 1998. A Remedial Action Work Plan (RAWP) will be submitted to the NJDEP following NJDEP concurrence that the site is adequately

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delineated. AHC estimates a submittal date for the RAWP of mid-August 1999, and notes that an earlier submittal date for this document may be possible if further delineation activities are not necessary or are very limited in scope. Notably, AHC will continue pump and haul interim remedial measures in the loading rack area since these have proven effective in phase-separated hydrocarbon (PSH) remediation. The pump and haul activities will continue until PSH is no longer detected in site wells or until the RAWP is submitted and implemented. AHC will also continue to clean, plug and abandon out-of-service subsurface product lines at the facility.

A grouping of the AOC system at the site (there are currently 30 AOCs of record) was also discussed at the November 13, 1998 site meeting in order to simplify the site delineation/remediation activities and eliminate overlapping AOC concerns. Accordingly, AHC proposes to group the existing active AOCs into new AOCs which display similar types of contaminants, concentrations and affected media. AOC No. 1 will encompass the north-central portion of the site, including the Propane Power, Septic System and Loading Rack AOCs. AOC No. 2 will encompass the eastern portion of the property, including the AST areas. The proposed new AOC system is shown on **Figure 7**. The AOC classification system discussed above does not include site groundwater, which is a site-wide concern and will be considered new AOC No. 3. AHC will likely establish a Classification Exception Area (CEA) for groundwater to restrict water use, although the groundwater in this area is already classified as non-potable. The simplification of the site AOC system should clarify future investigation/remediation efforts at the site and eliminate overlapping AOC concerns.

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TABLE 1. NEWARK DELANCY TERMINAL SOIL DELINEATION ANALYTICAL RESULTS, AUGUST 1998

LABORATORY SAMPLE NO.	SAMPLE LOCATION	INTERVAL SAMPLED (ft)	DATE SAMPLED	CONSTITUENT	CONC.	UNITS	LAB MDL	IGSCC	RDCSCC	NDCSCC
E38132-1	B51A	0-2'	8/11/98	**Lead**	**921**	ppm	12	400	600	TBD
E38132-1	B51A	0-2'	8/11/98	Solids, Percent	82	%	N/A	NA	NA	NA
E38132-2	B51A	2-4'	8/11/98	**Lead**	**1440**	ppm	14	400	600	TBD
E38132-2	B51A	2-4'	8/11/98	Solids, Percent	73.2	ppm	N/A	NA	NA	NA
E38132-18	LR9	0-2'	8/11/98	TPH-DRO (C9-C22)	4650	ppm	430	10000	10000	10000
E38132-18	LR9	0-2'	8/11/98	**TPH-GRO (C4-C12)**	**5630**	ppm	32	1000	1000	1000
E38132-18	LR9	0-2'	8/11/98	Solids, Percent	77.6	%	N/A	NA	NA	NA
E38132-19R	LR9	2-4'	8/11/98	1,1,1-Trichloroethane	<MDL	ppm	15	50	210	1,000
E38132-19R	LR9	2-4'	8/11/98	1,1,2,2-Tetrachloroethane	<MDL	ppm	15	1	34	70
E38132-19R	LR9	2-4'	8/11/98	1,1,2-Trichloroethane	<MDL	ppm	15	1	22	420
E38132-19R	LR9	2-4'	8/11/98	1,1-Dichloroethane	<MDL	ppm	15	10	570	1,000
E38132-19R	LR9	2-4'	8/11/98	1,1-Dichloroethene	<MDL	ppm	15	10	8	150
E38132-19R	LR9	2-4'	8/11/98	1,2-Dichloroethane	<MDL	ppm	15	1	6	24
E38132-19R	LR9	2-4'	8/11/98	1,2-Dichloropropane	<MDL	ppm	15	NA	10	43
E38132-19R	LR9	2-4'	8/11/98	2-Butanone (MEK)	<MDL	ppm	30	50	1000	1000
E38132-19R	LR9	2-4'	8/11/98	2-Hexanone	<MDL	ppm	30	NA	NA	NA
E38132-19R	LR9	2-4'	8/11/98	4-Methyl-2-pentanone(MIBK)	<MDL	ppm	30	50	1,000	1,000
E38132-19R	LR9	2-4'	8/11/98	Acenaphthene	<MDL	ppm	1.1	100	3,400	10,000
E38132-19R	LR9	2-4'	8/11/98	Acenaphthylene	<MDL	ppm	1.1	NA	NA	NA
E38132-19R	LR9	2-4'	8/11/98	Acetone	<MDL	ppm	74	100	1,000	1,000
E38132-19R	LR9	2-4'	8/11/98	*Anthracene*	*1*	ppm	1.1	100	*10,000*	10,000
E38132-19R	LR9	2-4'	8/11/98	*Aromatic Hydrocarbon*	*200*	ppm	N/A	NA	*NA*	NA
E38132-19R	LR9	2-4'	8/11/98	**Benzene**	**158**	ppm	15	1	3	13
E38132-19R	LR9	2-4'	8/11/98	Benzene ethyl methyl isomer	570	ppm	N/A	NA	NA	NA
E38132-19R	LR9	2-4'	8/11/98	Benzene ethyl methyl isomer	220	ppm	N/A	NA	NA	NA
E38132-19R	LR9	2-4'	8/11/98	Benzene ethyl methyl isomer	160	ppm	N/A	NA	NA	NA
E38132-19R	LR9	2-4'	8/11/98	Benzene ethyl methyl isomer	650	ppm	N/A	NA	NA	NA
E38132-19R	LR9	2-4'	8/11/98	Benzene trimethyl isomer	190	ppm	N/A	NA	NA	NA
E38132-19R	LR9	2-4'	8/11/98	Benzene,-ethyl-dimethyl-	160	ppm	N/A	NA	NA	NA
E38132-19R	LR9	2-4'	8/11/98	**Benzo(a)anthracene**	**1**	ppm	1.1	500	**0.9**	4
E38132-19R	LR9	2-4'	8/11/98	**Benzo(a)pyrene**	**2**	ppm	1.1	100	**0.66**	0.66
E38132-19R	LR9	2-4'	8/11/98	**Benzo(b)fluoranthene**	**2**	ppm	1.1	500	**0.9**	4
E38132-19R	LR9	2-4'	8/11/98	*Benzo(g,h,i)perylene*	*1*	ppm	1.1	NA	*NA*	NA
E38132-19R	LR9	2-4'	8/11/98	*Benzo(k)fluoranthene*	*1*	ppm	1.1	NA	*NA*	NA
E38132-19R	LR9	2-4'	8/11/98	Bromodichloromethane	<MDL	ppm	15	1	11	46
E38132-19R	LR9	2-4'	8/11/98	Bromoform	<MDL	ppm	15	1	86	370
E38132-19R	LR9	2-4'	8/11/98	Bromomethane	<MDL	ppm	15	1	79	1,000
E38132-19R	LR9	2-4'	8/11/98	Carbon disulfide	<MDL	ppm	15	NA	NA	NA
E38132-19R	LR9	2-4'	8/11/98	Carbon tetrachloride	<MDL	ppm	15	1	2	4
E38132-19R	LR9	2-4'	8/11/98	Chlorobenzene	<MDL	ppm	15	1	37	680
E38132-19R	LR9	2-4'	8/11/98	Chloroethane	<MDL	ppm	15	NA	NA	NA
E38132-19R	LR9	2-4'	8/11/98	Chloroform	<MDL	ppm	15	1	19	28
E38132-19R	LR9	2-4'	8/11/98	Chloromethane	<MDL	ppm	15	10	520	1000
E38132-19R	LR9	2-4'	8/11/98	*Chrysene*	*2*	ppm	1.1	500	*9*	40
E38132-19R	LR9	2-4'	8/11/98	cis-1,2-Dichloroethene	<MDL	ppm	15	1	79	1000
E38132-19R	LR9	2-4'	8/11/98	cis-1,3-Dichloropropene	<MDL	ppm	15	1	4	5
E38132-19R	LR9	2-4'	8/11/98	Dibenzo(a,h)anthracene	<MDL	ppm	1.1	100	0.66	0.66
E38132-19R	LR9	2-4'	8/11/98	Dibromochloromethane	<MDL	ppm	15	1	110	1000
E38132-19R	LR9	2-4'	8/11/98	*Ethylbenzene*	*471*	ppm	15	100	*1,000*	1,000
E38132-19R	LR9	2-4'	8/11/98	*Fluoranthene*	*3*	ppm	1.1	100	*2,300*	10000
E38132-19R	LR9	2-4'	8/11/98	Fluorene	<MDL	ppm	1.1	100	2,300	10000
E38132-19R	LR9	2-4'	8/11/98	**Indeno(1,2,3-cd)pyrene**	**1**	ppm	1.1	500	**0.9**	4
E38132-19R	LR9	2-4'	8/11/98	Methylene chloride	<MDL	ppm	15	1	49	210
E38132-19R	LR9	2-4'	8/11/98	*Naphthalene*	79	ppm	5.7	100	*230*	4,200
E38132-19R	LR9	2-4'	8/11/98	*Phenanthrene*	*3*	ppm	1.1	NA	*NA*	NA
E38132-19R	LR9	2-4'	8/11/98	Pyrene	*3*	ppm	1.1	100	*1,700*	10000
E38132-19	LR9	2-4'	8/11/98	Solids, Percent	72.5	%	N/A	NA	NA	NA
E38132-19R	LR9	2-4'	8/11/98	Styrene	<MDL	ppm	15	100	23	97

TABLE 1. NEWARK DELANCY TERMINAL SOIL DELINEATION ANALYTICAL RESULTS, AUGUST 1998

LABORATORY SAMPLE NO.	SAMPLE LOCATION	INTERVAL SAMPLED (ft)	DATE SAMPLED	CONSTITUENT	CONC.	UNITS	LAB MDL	IGSCC	RDCSCC	NDCSCC
E38132-19R	LR9	2-4'	8/11/98	Tetrachloroethene	<MDL	ppm	15	1	4	6
E38132-19R	LR9	2-4'	8/11/98	**Toluene**	**1060**	ppm	15	500	**1000**	1000
E38132-19R	LR9	2-4'	8/11/98	**Total TIC, Volatile**	**3740**	ppm	N/A	1000	**1000**	1000
E38132-19	LR9	2-4'	8/11/98	*TPH-DRO (C9-C22)*	*5370*	ppm	460	10000	*10000*	10000
E38132-19	LR9	2-4'	8/11/98	**TPH-GRO (C4-C12)**	**22800**	ppm	400	1000	**1000**	1000
E38132-19R	LR9	2-4'	8/11/98	trans-1,2-Dichloroethene	<MDL	ppm	15	50	1000	1000
E38132-19R	LR9	2-4'	8/11/98	trans-1,3-Dichloropropene	<MDL	ppm	15	1	4	5
E38132-19R	LR9	2-4'	8/11/98	Trichloroethene	<MDL	ppm	15	1	23	54
E38132-19R	LR9	2-4'	8/11/98	unknown	150	ppm	N/A	NA	NA	NA
E38132-19R	LR9	2-4'	8/11/98	unknown	160	ppm	N/A	NA	NA	NA
E38132-19R	LR9	2-4'	8/11/98	unknown	150	ppm	N/A	NA	NA	NA
E38132-19R	LR9	2-4'	8/11/98	unknown alkane	480	ppm	N/A	NA	NA	NA
E38132-19R	LR9	2-4'	8/11/98	unknown alkane	160	ppm	N/A	NA	NA	NA
E38132-19R	LR9	2-4'	8/11/98	unknown alkane	170	ppm	N/A	NA	NA	NA
E38132-19R	LR9	2-4'	8/11/98	unknown alkane	160	ppm	N/A	NA	NA	NA
E38132-19R	LR9	2-4'	8/11/98	unknown C10H14	160	ppm	N/A	NA	NA	NA
E38132-19R	LR9	2-4'	8/11/98	Vinyl chloride	<MDL	ppm	15	10	2	7
E38132-19R	LR9	2-4'	8/11/98	**Xylene (total)**	**2160**	ppm	15	10	**410**	1000
E38132-4	LR10	0-2'	8/11/98	1,1,1-Trichloroethane	<MDL	ppm	0.61	50	210	1000
E38132-4	LR10	0-2'	8/11/98	1,1,2,2-Tetrachloroethane	<MDL	ppm	0.61	1	34	70
E38132-4	LR10	0-2'	8/11/98	1,1,2-Trichloroethane	<MDL	ppm	0.61	1	22	420
E38132-4	LR10	0-2'	8/11/98	1,1-Dichloroethane	<MDL	ppm	0.61	10	570	1000
E38132-4	LR10	0-2'	8/11/98	1,1-Dichloroethene	<MDL	ppm	0.61	10	8	150
E38132-4	LR10	0-2'	8/11/98	1,2-Dichloroethane	<MDL	ppm	0.61	1	6	24
E38132-4	LR10	0-2'	8/11/98	1,2-Dichloropropane	<MDL	ppm	0.61	NA	10	43
E38132-4	LR10	0-2'	8/11/98	2-Butanone (MEK)	<MDL	ppm	1.2	50	1000	1000
E38132-4	LR10	0-2'	8/11/98	2-Hexanone	<MDL	ppm	1.2	NA	NA	NA
E38132-4	LR10	0-2'	8/11/98	4-Methyl-2-pentanone(MIBK)	<MDL	ppm	1.2	50	1000	1000
E38132-4	LR10	0-2'	8/11/98	Acetone	<MDL	ppm	3.1	100	1000	1000
E38132-4	LR10	0-2'	8/11/98	**Benzene**	**4**	ppm	0.61	1	**3**	13
E38132-4	LR10	0-2'	8/11/98	Bromodichloromethane	<MDL	ppm	0.61	1	11	46
E38132-4	LR10	0-2'	8/11/98	Bromoform	<MDL	ppm	0.61	1	86	370
E38132-4	LR10	0-2'	8/11/98	Bromomethane	<MDL	ppm	0.61	1	79	1000
E38132-4	LR10	0-2'	8/11/98	Carbon disulfide	<MDL	ppm	0.61	NA	NA	NA
E38132-4	LR10	0-2'	8/11/98	Carbon tetrachloride	<MDL	ppm	0.61	1	2	4
E38132-4	LR10	0-2'	8/11/98	Chlorobenzene	<MDL	ppm	0.61	1	37	680
E38132-4	LR10	0-2'	8/11/98	Chloroethane	<MDL	ppm	0.61	NA	NA	NA
E38132-4	LR10	0-2'	8/11/98	Chloroform	<MDL	ppm	0.61	1	19	28
E38132-4	LR10	0-2'	8/11/98	Chloromethane	<MDL	ppm	0.61	10	520	1000
E38132-4	LR10	0-2'	8/11/98	cis-1,2-Dichloroethene	<MDL	ppm	0.61	1	79	1000
E38132-4	LR10	0-2'	8/11/98	cis-1,3-Dichloropropene	<MDL	ppm	0.61	1	4	5
E38132-4	LR10	0-2'	8/11/98	Dibromochloromethane	<MDL	ppm	0.61	1	110	1000
E38132-4	LR10	0-2'	8/11/98	*Ethylbenzene*	*64*	ppm	2.4	100	*1,000*	1,000
E38132-4	LR10	0-2'	8/11/98	*Heptane*	*30*	ppm	N/A	NA	*NA*	NA
E38132-4	LR10	0-2'	8/11/98	Methylene chloride	<MDL	ppm	0.61	1	49	210
E38132-4	LR10	0-2'	8/11/98	Solids, Percent	94.6	%	N/A	NA	NA	NA
E38132-4	LR10	0-2'	8/11/98	Styrene	<MDL	ppm	0.61	100	23	97
E38132-4	LR10	0-2'	8/11/98	Tetrachloroethene	<MDL	ppm	0.61	1	4	6
E38132-4	LR10	0-2'	8/11/98	*Toluene*	*1*	ppm	0.61	500	*1000*	1000
E38132-4	LR10	0-2'	8/11/98	*Total TIC, Volatile*	*610*	ppm	N/A	1000	*1000*	1000
E38132-4	LR10	0-2'	8/11/98	trans-1,2-Dichloroethene	<MDL	ppm	0.61	50	1000	1000
E38132-4	LR10	0-2'	8/11/98	trans-1,3-Dichloropropene	<MDL	ppm	0.61	1	4	5
E38132-4	LR10	0-2'	8/11/98	Trichloroethene	<MDL	ppm	0.61	1	23	54
E38132-4	LR10	0-2'	8/11/98	*Trimethylbenzene*	*31*	ppm	N/A	NA	*NA*	NA
E38132-4	LR10	0-2'	8/11/98	unknown	52	ppm	N/A	NA	NA	NA
E38132-4	LR10	0-2'	8/11/98	unknown	31	ppm	N/A	NA	NA	NA
E38132-4	LR10	0-2'	8/11/98	unknown alkane	28	ppm	N/A	NA	NA	NA
E38132-4	LR10	0-2'	8/11/98	unknown alkane	32	ppm	N/A	NA	NA	NA
E38132-4	LR10	0-2'	8/11/98	unknown alkane	66	ppm	N/A	NA	NA	NA
E38132-4	LR10	0-2'	8/11/98	unknown alkane	81	ppm	N/A	NA	NA	NA

TABLE 1. NEWARK DELANCY TERMINAL SOIL DELINEATION ANALYTICAL RESULTS, AUGUST 1998

LABORATORY SAMPLE NO.	SAMPLE LOCATION	INTERVAL SAMPLED (ft)	DATE SAMPLED	CONSTITUENT	CONC.	UNITS	LAB MDL	IGSCC	RDCSCC	NDCSCC
E38132-4	LR10	0-2'	8/11/98	unknown isomer of C10H12	42	ppm	N/A	NA	NA	NA
E38132-4	LR10	0-2'	8/11/98	unknown isomer of C10H14	33	ppm	N/A	NA	NA	NA
E38132-4	LR10	0-2'	8/11/98	unknown isomer of C10H14	41	ppm	N/A	NA	NA	NA
E38132-4	LR10	0-2'	8/11/98	unknown isomer of C10H14	36	ppm	N/A	NA	NA	NA
E38132-4	LR10	0-2'	8/11/98	unknown isomer of C7H14	32	ppm	N/A	NA	NA	NA
E38132-4	LR10	0-2'	8/11/98	unknown isomer of C9H12	38	ppm	N/A	NA	NA	NA
E38132-4	LR10	0-2'	8/11/98	unknown isomer of C9H12	37	ppm	N/A	NA	NA	NA
E38132-4	LR10	0-2'	8/11/98	Vinyl chloride	<MDL	ppm	0.61	10	2	7
E38132-4	LR10	0-2'	8/11/98	*Xylene (total)*	*7*	ppm	0.61	10	*410*	1000
E38132-5	LR10	2-4'	8/11/98	1,1,1-Trichloroethane	<MDL	ppm	0.6	50	210	1000
E38132-5	LR10	2-4'	8/11/98	1,1,2,2-Tetrachloroethane	<MDL	ppm	0.6	1	34	70
E38132-5	LR10	2-4'	8/11/98	1,1,2-Trichloroethane	<MDL	ppm	0.6	1	22	420
E38132-5	LR10	2-4'	8/11/98	1,1-Dichloroethane	<MDL	ppm	0.6	10	570	1000
E38132-5	LR10	2-4'	8/11/98	1,1-Dichloroethene	<MDL	ppm	0.6	10	8	150
E38132-5	LR10	2-4'	8/11/98	1,2-Dichloroethane	<MDL	ppm	0.6	1	6	24
E38132-5	LR10	2-4'	8/11/98	1,2-Dichloropropane	<MDL	ppm	0.6	NA	10	43
E38132-5	LR10	2-4'	8/11/98	2-Butanone (MEK)	<MDL	ppm	1.2	50	1000	1000
E38132-5	LR10	2-4'	8/11/98	2-Hexanone	<MDL	ppm	1.2	NA	NA	NA
E38132-5	LR10	2-4'	8/11/98	4-Methyl-2-pentanone(MIBK)	<MDL	ppm	1.2	50	1000	1000
E38132-5	LR10	2-4'	8/11/98	Acetone	<MDL	ppm	3	1000	1000	1000
E38132-5	LR10	2-4'	8/11/98	**Benzene**	**8**	ppm	0.6	1	**3**	13
E38132-5	LR10	2-4'	8/11/98	*Benzene, propyl-*	*34*	ppm	N/A	NA	*NA*	NA
E38132-5	LR10	2-4'	8/11/98	*Benzene,-diethyl-*	*63*	ppm	N/A	NA	*NA*	NA
E38132-5	LR10	2-4'	8/11/98	Bromodichloromethane	<MDL	ppm	0.6	1	11	46
E38132-5	LR10	2-4'	8/11/98	Bromoform	<MDL	ppm	0.6	1	86	370
E38132-5	LR10	2-4'	8/11/98	Bromomethane	<MDL	ppm	0.6	1	79	1000
E38132-5	LR10	2-4'	8/11/98	Carbon disulfide	<MDL	ppm	0.6	NA	NA	NA
E38132-5	LR10	2-4'	8/11/98	Carbon tetrachloride	<MDL	ppm	0.6	1	2	4
E38132-5	LR10	2-4'	8/11/98	Chlorobenzene	<MDL	ppm	0.6	1	37	680
E38132-5	LR10	2-4'	8/11/98	Chloroethane	<MDL	ppm	0.6	NA	NA	NA
E38132-5	LR10	2-4'	8/11/98	Chloroform	<MDL	ppm	0.6	1	19	28
E38132-5	LR10	2-4'	8/11/98	Chloromethane	<MDL	ppm	0.6	10	520	1000
E38132-5	LR10	2-4'	8/11/98	cis-1,2-Dichloroethene	<MDL	ppm	0.6	1	79	1000
E38132-5	LR10	2-4'	8/11/98	cis-1,3-Dichloropropene	<MDL	ppm	0.6	1	4	5
E38132-5	LR10	2-4'	8/11/98	Dibromochloromethane	<MDL	ppm	0.6	1	110	1000
E38132-5	LR10	2-4'	8/11/98	*Ethylbenzene*	*83*	ppm	2.4	100	*1,000*	1,000
E38132-5	LR10	2-4'	8/11/98	Methylene chloride	<MDL	ppm	0.6	1	49	210
E38132-5	LR10	2-4'	8/11/98	Solids, Percent	89.8	%	N/A	NA	NA	NA
E38132-5	LR10	2-4'	8/11/98	Styrene	<MDL	ppm	0.6	100	23	97
E38132-5	LR10	2-4'	8/11/98	Tetrachloroethene	<MDL	ppm	0.6	1	4	6
E38132-5	LR10	2-4'	8/11/98	*Toluene*	*1*	ppm	0.6	500	*1000*	1000
E38132-5	LR10	2-4'	8/11/98	*Total TIC, Volatile*	*728*	ppm	N/A	1000	*1000*	1000
E38132-5	LR10	2-4'	8/11/98	trans-1,2-Dichloroethene	<MDL	ppm	0.6	50	1000	1000
E38132-5	LR10	2-4'	8/11/98	trans-1,3-Dichloropropene	<MDL	ppm	0.6	1	4	5
E38132-5	LR10	2-4'	8/11/98	Trichloroethene	<MDL	ppm	0.6	1	23	54
E38132-5	LR10	2-4'	8/11/98	*Trimethylbenzene*	*61*	ppm	N/A	NA	*NA*	NA
E38132-5	LR10	2-4'	8/11/98	*Trimethylbenzene*	*51*	ppm	N/A	NA	*NA*	NA
E38132-5	LR10	2-4'	8/11/98	unknown	37	ppm	N/A	NA	NA	NA
E38132-5	LR10	2-4'	8/11/98	unknown alkane	26	ppm	N/A	NA	NA	NA
E38132-5	LR10	2-4'	8/11/98	unknown isomer of C10H12	27	ppm	N/A	NA	NA	NA
E38132-5	LR10	2-4'	8/11/98	unknown isomer of C10H12	53	ppm	N/A	NA	NA	NA
E38132-5	LR10	2-4'	8/11/98	unknown isomer of C10H14	47	ppm	N/A	NA	NA	NA
E38132-5	LR10	2-4'	8/11/98	unknown isomer of C10H14	42	ppm	N/A	NA	NA	NA
E38132-5	LR10	2-4'	8/11/98	unknown isomer of C10H14	32	ppm	N/A	NA	NA	NA
E38132-5	LR10	2-4'	8/11/98	unknown isomer of C10H14	39	ppm	N/A	NA	NA	NA
E38132-5	LR10	2-4'	8/11/98	unknown isomer of C9H10	37	ppm	N/A	NA	NA	NA
E38132-5	LR10	2-4'	8/11/98	unknown isomer of C9H12	49	ppm	N/A	NA	NA	NA
E38132-5	LR10	2-4'	8/11/98	unknown isomer of C9H12	130	ppm	N/A	NA	NA	NA
E38132-5	LR10	2-4'	8/11/98	Vinyl chloride	<MDL	ppm	0.6	10	2	7
E38132-5	LR10	2-4'	8/11/98	*Xylene (total)*	*14*	ppm	0.6	10	*410*	1000

TABLE 1. NEWARK DELANCY TERMINAL SOIL DELINEATION ANALYTICAL RESULTS, AUGUST 1998

LABORATORY SAMPLE NO.	SAMPLE LOCATION	INTERVAL SAMPLED (ft)	DATE SAMPLED	CONSTITUENT	CONC.	UNITS	LAB MDL	IGSCC	RDCSCC	NDCSCC
E38132-14	LR11	0-2'	8/11/98	1,1,1-Trichloroethane	<MDL	ppm	0.64	50	210	1000
E38132-14	LR11	0-2'	8/11/98	1,1,2,2-Tetrachloroethane	<MDL	ppm	0.64	1	34	70
E38132-14	LR11	0-2'	8/11/98	1,1,2-Trichloroethane	<MDL	ppm	0.64	1	22	420
E38132-14	LR11	0-2'	8/11/98	1,1-Dichloroethane	<MDL	ppm	0.64	10	570	1000
E38132-14	LR11	0-2'	8/11/98	1,1-Dichloroethene	<MDL	ppm	0.64	10	8	150
E38132-14	LR11	0-2'	8/11/98	1,2-Dichloroethane	<MDL	ppm	0.64	1	6	24
E38132-14	LR11	0-2'	8/11/98	1,2-Dichloropropane	<MDL	ppm	0.64	NA	10	43
E38132-14	LR11	0-2'	8/11/98	2-Butanone (MEK)	<MDL	ppm	1.3	50	1000	1000
E38132-14	LR11	0-2'	8/11/98	2-Hexanone	<MDL	ppm	1.3	NA	NA	NA
E38132-14	LR11	0-2'	8/11/98	4-Methyl-2-pentanone(MIBK)	<MDL	ppm	1.3	50	1000	1000
E38132-14	LR11	0-2'	8/11/98	Acetone	<MDL	ppm	3.2	100	1000	1000
E38132-14	LR11	0-2'	8/11/98	*Benzene*	*1*	ppm	0.64	1	*3*	13
E38132-14	LR11	0-2'	8/11/98	*Benzene, -diethyl-*	*41*	ppm	N/A	NA	*NA*	NA
E38132-14	LR11	0-2'	8/11/98	*Benzene, -ethyl--dimethyl-*	*34*	ppm	N/A	NA	*NA*	NA
E38132-14	LR11	0-2'	8/11/98	*Benzene, -ethyl--methyl-*	*31*	ppm	N/A	NA	*NA*	NA
E38132-14	LR11	0-2'	8/11/98	Bromodichloromethane	<MDL	ppm	0.64	1	11	46
E38132-14	LR11	0-2'	8/11/98	Bromoform	<MDL	ppm	0.64	1	86	370
E38132-14	LR11	0-2'	8/11/98	Bromomethane	<MDL	ppm	0.64	1	79	1000
E38132-14	LR11	0-2'	8/11/98	Carbon disulfide	<MDL	ppm	0.64	NA	NA	NA
E38132-14	LR11	0-2'	8/11/98	Carbon tetrachloride	<MDL	ppm	0.64	1	2	4
E38132-14	LR11	0-2'	8/11/98	Chlorobenzene	<MDL	ppm	0.64	1	37	680
E38132-14	LR11	0-2'	8/11/98	Chloroethane	<MDL	ppm	0.64	NA	NA	NA
E38132-14	LR11	0-2'	8/11/98	Chloroform	<MDL	ppm	0.64	1	19	28
E38132-14	LR11	0-2'	8/11/98	Chloromethane	<MDL	ppm	0.64	10	520	1000
E38132-14	LR11	0-2'	8/11/98	cis-1,2-Dichloroethene	<MDL	ppm	0.64	1	79	1000
E38132-14	LR11	0-2'	8/11/98	cis-1,3-Dichloropropene	<MDL	ppm	0.64	1	4	5
E38132-14	LR11	0-2'	8/11/98	Dibromochloromethane	<MDL	ppm	0.64	1	110	1000
E38132-14	LR11	0-2'	8/11/98	*Ethylbenzene*	*25*	ppm	0.64	100	*1,000*	1,000
E38132-14	LR11	0-2'	8/11/98	*Heptane*	*34*	ppm	N/A	NA	*NA*	NA
E38132-14	LR11	0-2'	8/11/98	Methylene chloride	<MDL	ppm	0.64	1	49	210
E38132-14	LR11	0-2'	8/11/98	Solids, Percent	85.6	%	N/A	NA	NA	NA
E38132-14	LR11	0-2'	8/11/98	Styrene	<MDL	ppm	0.64	100	23	97
E38132-14	LR11	0-2'	8/11/98	Tetrachloroethene	<MDL	ppm	0.64	1	4	6
E38132-14	LR11	0-2'	8/11/98	Toluene	<MDL	ppm	0.64	500	1000	1000
E38132-14	LR11	0-2'	8/11/98	*Total TIC, Volatile*	*727*	ppm	N/A	1000	*1000*	1000
E38132-14	LR11	0-2'	8/11/98	trans-1,2-Dichloroethene	<MDL	ppm	0.64	50	1000	1000
E38132-14	LR11	0-2'	8/11/98	trans-1,3-Dichloropropene	<MDL	ppm	0.64	1	4	5
E38132-14	LR11	0-2'	8/11/98	Trichloroethene	<MDL	ppm	0.64	1	23	54
E38132-14	LR11	0-2'	8/11/98	*Trimethylbenzene*	*59*	ppm	N/A	NA	*NA*	NA
E38132-14	LR11	0-2'	8/11/98	unknown alkane	120	ppm	N/A	NA	NA	NA
E38132-14	LR11	0-2'	8/11/98	unknown alkane	37	ppm	N/A	NA	NA	NA
E38132-14	LR11	0-2'	8/11/98	unknown alkane	48	ppm	N/A	NA	NA	NA
E38132-14	LR11	0-2'	8/11/98	unknown alkane	58	ppm	N/A	NA	NA	NA
E38132-14	LR11	0-2'	8/11/98	unknown alkane	70	ppm	N/A	NA	NA	NA
E38132-14	LR11	0-2'	8/11/98	unknown alkane	34	ppm	N/A	NA	NA	NA
E38132-14	LR11	0-2'	8/11/98	unknown isomer of C10H12	38	ppm	N/A	NA	NA	NA
E38132-14	LR11	0-2'	8/11/98	unknown isomer of C10H14	35	ppm	N/A	NA	NA	NA
E38132-14	LR11	0-2'	8/11/98	unknown isomer of C7H14	35	ppm	N/A	NA	NA	NA
E38132-14	LR11	0-2'	8/11/98	unknown isomer of C8H18	53	ppm	N/A	NA	NA	NA
E38132-14	LR11	0-2'	8/11/98	Vinyl chloride	<MDL	ppm	0.64	10	2	7
E38132-14	LR11	0-2'	8/11/98	*Xylene (total)*	*50*	ppm	0.64	10	*410*	1000
E38132-15	LR11	2-4'	8/11/98	1,1,1-Trichloroethane	<MDL	ppm	0.64	50	210	1000
E38132-15	LR11	2-4'	8/11/98	1,1,2,2-Tetrachloroethane	<MDL	ppm	0.64	1	34	70
E38132-15	LR11	2-4'	8/11/98	1,1,2-Trichloroethane	<MDL	ppm	0.64	1	22	420
E38132-15	LR11	2-4'	8/11/98	1,1-Dichloroethane	<MDL	ppm	0.64	10	570	1000
E38132-15	LR11	2-4'	8/11/98	1,1-Dichloroethene	<MDL	ppm	0.64	10	8	150
E38132-15	LR11	2-4'	8/11/98	1,2-Dichloroethane	<MDL	ppm	0.64	1	6	24
E38132-15	LR11	2-4'	8/11/98	1,2-Dichloropropane	<MDL	ppm	0.64	NA	10	43
E38132-15	LR11	2-4'	8/11/98	2-Butanone (MEK)	<MDL	ppm	1.3	50	1000	1000

TABLE 1. NEWARK DELANCY TERMINAL SOIL DELINEATION ANALYTICAL RESULTS, AUGUST 1998

LABORATORY SAMPLE NO.	SAMPLE LOCATION	INTERVAL SAMPLED (ft)	DATE SAMPLED	CONSTITUENT	CONC.	UNITS	LAB MDL	IGSCC	RDCSCC	NDCSCC
E38132-15	LR11	2-4'	8/11/98	2-Hexanone	<MDL	ppm	1.3	NA	NA	NA
E38132-15	LR11	2-4'	8/11/98	4-Methyl-2-pentanone(MIBK)	<MDL	ppm	1.3	50	1000	1000
E38132-15	LR11	2-4'	8/11/98	Acetone	<MDL	ppm	3.2	100	1000	1000
E38132-15	LR11	2-4'	8/11/98	*Benzene*	*2*	ppm	0.64	1	*3*	13
E38132-15	LR11	2-4'	8/11/98	*Benzene, -ethyl--methyl-*	*33*	ppm	N/A	NA	*NA*	NA
E38132-15	LR11	2-4'	8/11/98	Bromodichloromethane	<MDL	ppm	0.64	1	11	46
E38132-15	LR11	2-4'	8/11/98	Bromoform	<MDL	ppm	0.64	1	86	370
E38132-15	LR11	2-4'	8/11/98	Bromomethane	<MDL	ppm	0.64	1	79	1000
E38132-15	LR11	2-4'	8/11/98	Carbon disulfide	<MDL	ppm	0.64	NA	NA	NA
E38132-15	LR11	2-4'	8/11/98	Carbon tetrachloride	<MDL	ppm	0.64	1	2	4
E38132-15	LR11	2-4'	8/11/98	Chlorobenzene	<MDL	ppm	0.64	1	37	680
E38132-15	LR11	2-4'	8/11/98	Chloroethane	<MDL	ppm	0.64	NA	NA	NA
E38132-15	LR11	2-4'	8/11/98	Chloroform	<MDL	ppm	0.64	1	19	28
E38132-15	LR11	2-4'	8/11/98	Chloromethane	<MDL	ppm	0.64	10	520	1000
E38132-15	LR11	2-4'	8/11/98	cis-1,2-Dichloroethene	<MDL	ppm	0.64	1	79	1000
E38132-15	LR11	2-4'	8/11/98	cis-1,3-Dichloropropene	<MDL	ppm	0.64	1	4	5
E38132-15	LR11	2-4'	8/11/98	Dibromochloromethane	<MDL	ppm	0.64	1	110	1000
E38132-15	LR11	2-4'	8/11/98	*Ethylbenzene*	19	ppm	0.64	100	*1,000*	1,000
E38132-15	LR11	2-4'	8/11/98	*Heptane*	38	ppm	N/A	NA	*NA*	NA
E38132-15	LR11	2-4'	8/11/98	Methylene chloride	<MDL	ppm	0.64	1	49	210
E38132-15	LR11	2-4'	8/11/98	Solids, Percent	84.6	%	N/A	NA	NA	NA
E38132-15	LR11	2-4'	8/11/98	Styrene	<MDL	ppm	0.64	100	23	97
E38132-15	LR11	2-4'	8/11/98	Tetrachloroethene	<MDL	ppm	0.64	1	4	6
E38132-15	LR11	2-4'	8/11/98	Toluene	<MDL	ppm	0.64	500	1000	1000
E38132-15	LR11	2-4'	8/11/98	*Total TIC, Volatile*	*631*	ppm	N/A	1000	*1000*	1000
E38132-15	LR11	2-4'	8/11/98	trans-1,2-Dichloroethene	<MDL	ppm	0.64	50	1000	1000
E38132-15	LR11	2-4'	8/11/98	trans-1,3-Dichloropropene	<MDL	ppm	0.64	1	4	5
E38132-15	LR11	2-4'	8/11/98	Trichloroethene	<MDL	ppm	0.64	1	23	54
E38132-15	LR11	2-4'	8/11/98	*Trimethylbenzene*	*57*	ppm	N/A	NA	*NA*	NA
E38132-15	LR11	2-4'	8/11/98	*Trimethylbenzene*	*22*	ppm	N/A	NA	*NA*	NA
E38132-15	LR11	2-4'	8/11/98	unknown	31	ppm	N/A	NA	NA	NA
E38132-15	LR11	2-4'	8/11/98	unknown alkane	100	ppm	N/A	NA	NA	NA
E38132-15	LR11	2-4'	8/11/98	unknown alkane	28	ppm	N/A	NA	NA	NA
E38132-15	LR11	2-4'	8/11/98	unknown alkane	43	ppm	N/A	NA	NA	NA
E38132-15	LR11	2-4'	8/11/98	unknown alkane	42	ppm	N/A	NA	NA	NA
E38132-15	LR11	2-4'	8/11/98	unknown isomer of C10H12	26	ppm	N/A	NA	NA	NA
E38132-15	LR11	2-4'	8/11/98	unknown isomer of C10H14	27	ppm	N/A	NA	NA	NA
E38132-15	LR11	2-4'	8/11/98	unknown isomer of C10H14	24	ppm	N/A	NA	NA	NA
E38132-15	LR11	2-4'	8/11/98	unknown isomer of C7H14	37	ppm	N/A	NA	NA	NA
E38132-15	LR11	2-4'	8/11/98	unknown isomer of C8H18	57	ppm	N/A	NA	NA	NA
E38132-15	LR11	2-4'	8/11/98	unknown isomer of C8H18	66	ppm	N/A	NA	NA	NA
E38132-15	LR11	2-4'	8/11/98	Vinyl chloride	<MDL	ppm	0.64	10	2	7
E38132-15	LR11	2-4'	8/11/98	*Xylene (total)*	*56*	ppm	0.64	10	*410*	1000
E38132-10	LR12	0-2'	8/11/98	1,1,1-Trichloroethane	<MDL	ppm	5.9	50	210	1000
E38132-10	LR12	0-2'	8/11/98	1,1,2,2-Tetrachloroethane	<MDL	ppm	5.9	1	34	70
E38132-10	LR12	0-2'	8/11/98	1,1,2-Trichloroethane	<MDL	ppm	5.9	1	22	420
E38132-10	LR12	0-2'	8/11/98	1,1-Dichloroethane	<MDL	ppm	5.9	10	570	1000
E38132-10	LR12	0-2'	8/11/98	1,1-Dichloroethene	<MDL	ppm	5.9	10	8	150
E38132-10	LR12	0-2'	8/11/98	1,2-Dichloroethane	<MDL	ppm	5.9	1	6	24
E38132-10	LR12	0-2'	8/11/98	1,2-Dichloropropane	<MDL	ppm	5.9	NA	10	43
E38132-10	LR12	0-2'	8/11/98	2-Butanone (MEK)	<MDL	ppm	12	NA	NA	NA
E38132-10	LR12	0-2'	8/11/98	2-Hexanone	<MDL	ppm	12	NA	NA	NA
E38132-10	LR12	0-2'	8/11/98	4-Methyl-2-pentanone(MIBK)	<MDL	ppm	12	50	1000	1000
E38132-10	LR12	0-2'	8/11/98	Acetone	<MDL	ppm	29	100	1000	1000
E38132-10	LR12	0-2'	8/11/98	**Benzene**	**8**	ppm	5.9	1	**3**	13
E38132-10	LR12	0-2'	8/11/98	*Benzene, -ethyl--methyl-*	*110*	ppm	N/A	NA	*NA*	NA
E38132-10	LR12	0-2'	8/11/98	Bromodichloromethane	<MDL	ppm	5.9	1	11	46
E38132-10	LR12	0-2'	8/11/98	Bromoform	<MDL	ppm	5.9	1	86	370
E38132-10	LR12	0-2'	8/11/98	Bromomethane	<MDL	ppm	5.9	1	79	1000
E38132-10	LR12	0-2'	8/11/98	Carbon disulfide	<MDL	ppm	5.9	NA	NA	NA

TABLE 1. NEWARK DELANCY TERMINAL SOIL DELINEATION ANALYTICAL RESULTS, AUGUST 1998

LABORATORY SAMPLE NO.	SAMPLE LOCATION	INTERVALS SAMPLED (ft)	DATE SAMPLED	CONSTITUENT	CONC.	UNITS	LAB MDL	IGSCC	RDCSCC	NDCSCC
E38132-10	LR12	0-2'	8/11/98	Carbon tetrachloride	<MDL	ppm	5.9	1	2	4
E38132-10	LR12	0-2'	8/11/98	Chlorobenzene	<MDL	ppm	5.9	1	37	680
E38132-10	LR12	0-2'	8/11/98	Chloroethane	<MDL	ppm	5.9	NA	NA	NA
E38132-10	LR12	0-2'	8/11/98	Chloroform	<MDL	ppm	5.9	1	19	28
E38132-10	LR12	0-2'	8/11/98	Chloromethane	<MDL	ppm	5.9	10	520	1000
E38132-10	LR12	0-2'	8/11/98	cis-1,2-Dichloroethene	<MDL	ppm	5.9	1	79	1000
E38132-10	LR12	0-2'	8/11/98	cis-1,3-Dichloropropene	<MDL	ppm	5.9	1	4	5
E38132-10	LR12	0-2'	8/11/98	Dibromochloromethane	<MDL	ppm	5.9	1	110	1000
E38132-10	LR12	0-2'	8/11/98	*Ethylbenzene*	*68*	ppm	5.9	100	*1,000*	1,000
E38132-10	LR12	0-2'	8/11/98	Methylene chloride	<MDL	ppm	5.9	1	49	210
E38132-10	LR12	0-2'	8/11/98	Solids, Percent	94.2	%	N/A	NA	NA	NA
E38132-10	LR12	0-2'	8/11/98	Styrene	<MDL	ppm	5.9	100	23	97
E38132-10	LR12	0-2'	8/11/98	Tetrachloroethene	<MDL	ppm	5.9	1	4	6
E38132-10	LR12	0-2'	8/11/98	*Toluene*	*1*	ppm	5.9	500	*1000*	1000
E38132-10	LR12	0-2'	8/11/98	**Total TIC, Volatile**	**1699**	ppm	N/A	1000	**1000**	1000
E38132-10	LR12	0-2'	8/11/98	trans-1,2-Dichloroethene	<MDL	ppm	5.9	50	1000	1000
E38132-10	LR12	0-2'	8/11/98	trans-1,3-Dichloropropene	<MDL	ppm	5.9	1	4	5
E38132-10	LR12	0-2'	8/11/98	Trichloroethene	<MDL	ppm	5.9	1	23	54
E38132-10	LR12	0-2'	8/11/98	*Trimethylbenzene*	*97*	ppm	N/A	NA	*NA*	NA
E38132-10	LR12	0-2'	8/11/98	*Trimethylbenzene*	*280*	ppm	N/A	NA	*NA*	NA
E38132-10	LR12	0-2'	8/11/98	unknown	93	ppm	N/A	NA	NA	NA
E38132-10	LR12	0-2'	8/11/98	unknown	88	ppm	N/A	NA	NA	NA
E38132-10	LR12	0-2'	8/11/98	unknown alkane	98	ppm	N/A	NA	NA	NA
E38132-10	LR12	0-2'	8/11/98	unknown alkane	84	ppm	N/A	NA	NA	NA
E38132-10	LR12	0-2'	8/11/98	unknown alkane	86	ppm	N/A	NA	NA	NA
E38132-10	LR12	0-2'	8/11/98	unknown isomer of C10H12	150	ppm	N/A	NA	NA	NA
E38132-10	LR12	0-2'	8/11/98	unknown isomer of C10H14	130	ppm	N/A	NA	NA	NA
E38132-10	LR12	0-2'	8/11/98	unknown isomer of C10H14	98	ppm	N/A	NA	NA	NA
E38132-10	LR12	0-2'	8/11/98	unknown isomer of C10H14	110	ppm	N/A	NA	NA	NA
E38132-10	LR12	0-2'	8/11/98	unknown isomer of C10H14	90	ppm	N/A	NA	NA	NA
E38132-10	LR12	0-2'	8/11/98	unknown isomer of C8H18	85	ppm	N/A	NA	NA	NA
E38132-10	LR12	0-2'	8/11/98	unknown isomer of C9H12	100	ppm	N/A	NA	NA	NA
E38132-10	LR12	0-2'	8/11/98	Vinyl chloride	<MDL	ppm	5.9	10	2	7
E38132-10	LR12	0-2'	8/11/98	*Xylene (total)*	*185*	ppm	5.9	10	*410*	1000
E38132-11	LR12	2-4'	8/11/98	1,1,1-Trichloroethane	<MDL	ppm	0.62	50	210	1000
E38132-11	LR12	2-4'	8/11/98	1,1,2,2-Tetrachloroethane	<MDL	ppm	0.62	1	34	70
E38132-11	LR12	2-4'	8/11/98	1,1,2-Trichloroethane	<MDL	ppm	0.62	1	22	420
E38132-11	LR12	2-4'	8/11/98	1,1-Dichloroethane	<MDL	ppm	0.62	10	570	1000
E38132-11	LR12	2-4'	8/11/98	1,1-Dichloroethene	<MDL	ppm	0.62	10	8	150
E38132-11	LR12	2-4'	8/11/98	1,2-Dichloroethane	<MDL	ppm	0.62	1	6	24
E38132-11	LR12	2-4'	8/11/98	1,2-Dichloropropane	<MDL	ppm	0.62	NA	10	43
E38132-11	LR12	2-4'	8/11/98	2-Butanone (MEK)	<MDL	ppm	1.2	50	1000	1000
E38132-11	LR12	2-4'	8/11/98	2-Hexanone	<MDL	ppm	1.2	NA	NA	NA
E38132-11	LR12	2-4'	8/11/98	4-Methyl-2-pentanone(MIBK)	<MDL	ppm	1.2	50	1000	1000
E38132-11	LR12	2-4'	8/11/98	Acetone	<MDL	ppm	3.1	100	1000	1000
E38132-11	LR12	2-4'	8/11/98	**Benzene**	**4**	ppm	0.62	1	3	13
E38132-11	LR12	2-4'	8/11/98	Bromodichloromethane	<MDL	ppm	0.62	1	11	46
E38132-11	LR12	2-4'	8/11/98	Bromoform	<MDL	ppm	0.62	1	86	370
E38132-11	LR12	2-4'	8/11/98	Bromomethane	<MDL	ppm	0.62	1	79	1000
E38132-11	LR12	2-4'	8/11/98	Carbon disulfide	<MDL	ppm	0.62	NA	NA	NA
E38132-11	LR12	2-4'	8/11/98	Carbon tetrachloride	<MDL	ppm	0.62	1	2	4
E38132-11	LR12	2-4'	8/11/98	Chlorobenzene	<MDL	ppm	0.62	1	37	680
E38132-11	LR12	2-4'	8/11/98	Chloroethane	<MDL	ppm	0.62	NA	NA	NA
E38132-11	LR12	2-4'	8/11/98	Chloroform	<MDL	ppm	0.62	1	19	28
E38132-11	LR12	2-4'	8/11/98	Chloromethane	<MDL	ppm	0.62	10	520	1000
E38132-11	LR12	2-4'	8/11/98	cis-1,2-Dichloroethene	<MDL	ppm	0.62	1	79	1000
E38132-11	LR12	2-4'	8/11/98	cis-1,3-Dichloropropene	<MDL	ppm	0.62	1	4	5
E38132-11	LR12	2-4'	8/11/98	Dibromochloromethane	<MDL	ppm	0.62	1	110	1000
E38132-11	LR12	2-4'	8/11/98	*Ethylbenzene*	*35*	ppm	0.62	100	*1,000*	1,000
E38132-11	LR12	2-4'	8/11/98	*Heptane*	*47*	ppm	N/A	NA	*NA*	NA

TABLE 1. NEWARK DELANCY TERMINAL SOIL DELINEATION ANALYTICAL RESULTS, AUGUST 1998

LABORATORY SAMPLE NO.	SAMPLE LOCATION	INTERVAL SAMPLED (ft)	DATE SAMPLED	CONSTITUENT	CONC.	UNITS	LAB MDL	IGSCC	RDCSCC	NDCSCC
E38132-11	LR12	2-4'	8/11/98	Methylene chloride	<MDL	ppm	0.62	1	49	210
E38132-11	LR12	2-4'	8/11/98	*Naphthalene*	*45*	ppm	N/A	100	*230*	4200
E38132-11	LR12	2-4'	8/11/98	Solids, Percent	87.8	%	N/A	NA	NA	NA
E38132-11	LR12	2-4'	8/11/98	Styrene	<MDL	ppm	0.62	100	23	97
E38132-11	LR12	2-4'	8/11/98	Tetrachloroethene	<MDL	ppm	0.62	1	4	6
E38132-11	LR12	2-4'	8/11/98	Toluene	<MDL	ppm	0.62	500	1000	1000
E38132-11	LR12	2-4'	8/11/98	**Total TIC, Volatile**	**1029**	ppm	N/A	1000	**1000**	1000
E38132-11	LR12	2-4'	8/11/98	trans-1,2-Dichloroethene	<MDL	ppm	0.62	50	1000	1000
E38132-11	LR12	2-4'	8/11/98	trans-1,3-Dichloropropene	<MDL	ppm	0.62	1	4	5
E38132-11	LR12	2-4'	8/11/98	Trichloroethene	<MDL	ppm	0.62	1	23	54
E38132-11	LR12	2-4'	8/11/98	unknown alkane	110	ppm	N/A	NA	NA	NA
E38132-11	LR12	2-4'	8/11/98	unknown alkane	51	ppm	N/A	NA	NA	NA
E38132-11	LR12	2-4'	8/11/98	unknown alkane	47	ppm	N/A	NA	NA	NA
E38132-11	LR12	2-4'	8/11/98	unknown alkane	51	ppm	N/A	NA	NA	NA
E38132-11	LR12	2-4'	8/11/98	unknown alkane	96	ppm	N/A	NA	NA	NA
E38132-11	LR12	2-4'	8/11/98	unknown alkane	97	ppm	N/A	NA	NA	NA
E38132-11	LR12	2-4'	8/11/98	unknown isomer of C10H12	88	ppm	N/A	NA	NA	NA
E38132-11	LR12	2-4'	8/11/98	unknown isomer of C10H14	60	ppm	N/A	NA	NA	NA
E38132-11	LR12	2-4'	8/11/98	unknown isomer of C10H14	57	ppm	N/A	NA	NA	NA
E38132-11	LR12	2-4'	8/11/98	unknown isomer of C11H16	68	ppm	N/A	NA	NA	NA
E38132-11	LR12	2-4'	8/11/98	unknown isomer of C7H14	54	ppm	N/A	NA	NA	NA
E38132-11	LR12	2-4'	8/11/98	unknown isomer of C9H10	67	ppm	N/A	NA	NA	NA
E38132-11	LR12	2-4'	8/11/98	unknown isomer of C9H12	91	ppm	N/A	NA	NA	NA
E38132-11	LR12	2-4'	8/11/98	Vinyl chloride	<MDL	ppm	0.62	10	2	7
E38132-11	LR12	2-4'	8/11/98	*Xylene (total)*	*38*	ppm	0.62	10	*410*	1000
E38132-20	LR13	0-2'	8/11/98	1,1,1-Trichloroethane	<MDL	ppm	0.63	50	210	1000
E38132-20	LR13	0-2'	8/11/98	1,1,2,2-Tetrachloroethane	<MDL	ppm	0.63	1	34	70
E38132-20	LR13	0-2'	8/11/98	1,1,2-Trichloroethane	<MDL	ppm	0.63	1	22	420
E38132-20	LR13	0-2'	8/11/98	1,1-Dichloroethane	<MDL	ppm	0.63	10	570	1000
E38132-20	LR13	0-2'	8/11/98	1,1-Dichloroethene	<MDL	ppm	0.63	10	8	150
E38132-20	LR13	0-2'	8/11/98	1,2-Dichloroethane	<MDL	ppm	0.63	1	6	24
E38132-20	LR13	0-2'	8/11/98	1,2-Dichloropropane	<MDL	ppm	0.63	NA	10	43
E38132-20	LR13	0-2'	8/11/98	2-Butanone (MEK)	<MDL	ppm	1.3	50	1000	1000
E38132-20	LR13	0-2'	8/11/98	2-Hexanone	<MDL	ppm	1.3	NA	NA	NA
E38132-20	LR13	0-2'	8/11/98	4-Methyl-2-pentanone(MIBK)	<MDL	ppm	1.3	50	1000	1000
E38132-20	LR13	0-2'	8/11/98	Acetone	<MDL	ppm	3.2	100	1000	1000
E38132-20	LR13	0-2'	8/11/98	**Benzene**	**5**	ppm	0.63	1	3	13
E38132-20	LR13	0-2'	8/11/98	Bromodichloromethane	<MDL	ppm	0.63	1	11	46
E38132-20	LR13	0-2'	8/11/98	Bromoform	<MDL	ppm	0.63	1	86	370
E38132-20	LR13	0-2'	8/11/98	Bromomethane	<MDL	ppm	0.63	1	79	1000
E38132-20	LR13	0-2'	8/11/98	Carbon disulfide	<MDL	ppm	0.63	NA	NA	NA
E38132-20	LR13	0-2'	8/11/98	Carbon tetrachloride	<MDL	ppm	0.63	1	2	4
E38132-20	LR13	0-2'	8/11/98	Chlorobenzene	<MDL	ppm	0.63	1	37	680
E38132-20	LR13	0-2'	8/11/98	Chloroethane	<MDL	ppm	0.63	NA	NA	NA
E38132-20	LR13	0-2'	8/11/98	Chloroform	<MDL	ppm	0.63	1	19	28
E38132-20	LR13	0-2'	8/11/98	Chloromethane	<MDL	ppm	0.63	10	520	1000
E38132-20	LR13	0-2'	8/11/98	cis-1,2-Dichloroethene	<MDL	ppm	0.63	1	79	1000
E38132-20	LR13	0-2'	8/11/98	cis-1,3-Dichloropropene	<MDL	ppm	0.63	1	4	5
E38132-20	LR13	0-2'	8/11/98	Dibromochloromethane	<MDL	ppm	0.63	1	110	1000
E38132-20	LR13	0-2'	8/11/98	*Ethylbenzene*	*9*	ppm	0.63	100	*1,000*	1,000
E38132-20	LR13	0-2'	8/11/98	*Heptane*	*28*	ppm	N/A	NA	*NA*	NA
E38132-20	LR13	0-2'	8/11/98	Methylene chloride	<MDL	ppm	0.63	1	49	210
E38132-20	LR13	0-2'	8/11/98	Solids, Percent	92.1	%	N/A	NA	NA	NA
E38132-20	LR13	0-2'	8/11/98	Styrene	<MDL	ppm	0.63	100	23	97
E38132-20	LR13	0-2'	8/11/98	Tetrachloroethene	<MDL	ppm	0.63	1	4	6
E38132-20	LR13	0-2'	8/11/98	*Toluene*	*2*	ppm	0.63	500	*1000*	1000
E38132-20	LR13	0-2'	8/11/98	*Total TIC, Volatile*	*375*	ppm	N/A	1000	*1000*	1000
E38132-20	LR13	0-2'	8/11/98	trans-1,2-Dichloroethene	<MDL	ppm	0.63	50	1000	1000
E38132-20	LR13	0-2'	8/11/98	trans-1,3-Dichloropropene	<MDL	ppm	0.63	1	4	5
E38132-20	LR13	0-2'	8/11/98	Trichloroethene	<MDL	ppm	0.63	1	23	54

TABLE 1. NEWARK DELANCY TERMINAL SOIL DELINEATION ANALYTICAL RESULTS, AUGUST 1998

LABORATORY SAMPLE NO.	SAMPLE LOCATION	INTERVAL SAMPLED (ft)	DATE SAMPLED	CONSTITUENT	CONC.	UNITS	LAB MDL	IGSCC	RDCSCC	NIDCSCC
E38132-20	LR13	0-2'	8/11/98	unknown	13	ppm	N/A	NA	NA	NA
E38132-20	LR13	0-2'	8/11/98	unknown	21	ppm	N/A	NA	NA	NA
E38132-20	LR13	0-2'	8/11/98	unknown	20	ppm	N/A	NA	NA	NA
E38132-20	LR13	0-2'	8/11/98	unknown	14	ppm	N/A	NA	NA	NA
E38132-20	LR13	0-2'	8/11/98	unknown alkane	19	ppm	N/A	NA	NA	NA
E38132-20	LR13	0-2'	8/11/98	unknown alkane	14	ppm	N/A	NA	NA	NA
E38132-20	LR13	0-2'	8/11/98	unknown alkane	64	ppm	N/A	NA	NA	NA
E38132-20	LR13	0-2'	8/11/98	unknown alkane	41	ppm	N/A	NA	NA	NA
E38132-20	LR13	0-2'	8/11/98	unknown isomer of C10H12	13	ppm	N/A	NA	NA	NA
E38132-20	LR13	0-2'	8/11/98	unknown isomer of C10H12	13	ppm	N/A	NA	NA	NA
E38132-20	LR13	0-2'	8/11/98	unknown isomer of C10H12	20	ppm	N/A	NA	NA	NA
E38132-20	LR13	0-2'	8/11/98	unknown isomer of C10H14	14	ppm	N/A	NA	NA	NA
E38132-20	LR13	0-2'	8/11/98	unknown isomer of C10H14	13	ppm	N/A	NA	NA	NA
E38132-20	LR13	0-2'	8/11/98	unknown isomer of C7H14	68	ppm	N/A	NA	NA	NA
E38132-20	LR13	0-2'	8/11/98	Vinyl chloride	<MDL	ppm	0.63	10	2	7
E38132-20	LR13	0-2'	8/11/98	*Xylene (total)*	*3*	ppm	0.63	10	*410*	1000
E38132-21	LR13	2-4'	8/11/98	1,1,1-Trichloroethane	<MDL	ppm	8.8	50	210	1000
E38132-21	LR13	2-4'	8/11/98	1,1,2,2-Tetrachloroethane	<MDL	ppm	8.8	1	34	70
E38132-21	LR13	2-4'	8/11/98	1,1,2-Trichloroethane	<MDL	ppm	8.8	1	22	420
E38132-21	LR13	2-4'	8/11/98	1,1-Dichloroethane	<MDL	ppm	8.8	10	570	1000
E38132-21	LR13	2-4'	8/11/98	1,1-Dichloroethene	<MDL	ppm	8.8	10	8	150
E38132-21	LR13	2-4'	8/11/98	1,2-Dichloroethane	<MDL	ppm	8.8	1	6	24
E38132-21	LR13	2-4'	8/11/98	1,2-Dichloropropane	<MDL	ppm	8.8	NA	10	43
E38132-21	LR13	2-4'	8/11/98	2-Butanone (MEK)	<MDL	ppm	18	50	1000	1000
E38132-21	LR13	2-4'	8/11/98	2-Hexanone	<MDL	ppm	18	NA	NA	NA
E38132-21	LR13	2-4'	8/11/98	4-Methyl-2-pentanone(MIBK)	<MDL	ppm	18	50	1000	1000
E38132-21	LR13	2-4'	8/11/98	Acetone	<MDL	ppm	44	100	1000	1000
E38132-21	LR13	2-4'	8/11/98	**Benzene**	**104**	ppm	8.8	1	**3**	13
E38132-21	LR13	2-4'	8/11/98	*Benzene, -ethyl--methyl-*	*670*	ppm	N/A	NA	*NA*	NA
E38132-21	LR13	2-4'	8/11/98	Bromodichloromethane	<MDL	ppm	8.8	1	11	46
E38132-21	LR13	2-4'	8/11/98	Bromoform	<MDL	ppm	8.8	1	86	370
E38132-21	LR13	2-4'	8/11/98	Bromomethane	<MDL	ppm	8.8	1	79	1000
E38132-21	LR13	2-4'	8/11/98	Carbon disulfide	<MDL	ppm	8.8	NA	NA	NA
E38132-21	LR13	2-4'	8/11/98	Carbon tetrachloride	<MDL	ppm	8.8	1	2	4
E38132-21	LR13	2-4'	8/11/98	Chlorobenzene	<MDL	ppm	8.8	1	37	680
E38132-21	LR13	2-4'	8/11/98	Chloroethane	<MDL	ppm	8.8	NA	NA	NA
E38132-21	LR13	2-4'	8/11/98	Chloroform	<MDL	ppm	8.8	1	19	28
E38132-21	LR13	2-4'	8/11/98	Chloromethane	<MDL	ppm	8.8	10	520	1000
E38132-21	LR13	2-4'	8/11/98	cis-1,2-Dichloroethene	<MDL	ppm	8.8	1	79	1000
E38132-21	LR13	2-4'	8/11/98	cis-1,3-Dichloropropene	<MDL	ppm	8.8	1	4	5
E38132-21	LR13	2-4'	8/11/98	Dibromochloromethane	<MDL	ppm	8.8	1	110	1000
E38132-21	LR13	2-4'	8/11/98	*Ethylbenzene*	*275*	ppm	8.8	100	*1,000*	1,000
E38132-21	LR13	2-4'	8/11/98	*Heptane*	*260*	ppm	N/A	NA	*NA*	NA
E38132-21	LR13	2-4'	8/11/98	Methylene chloride	<MDL	ppm	8.8	1	49	210
E38132-21	LR13	2-4'	8/11/98	Solids, Percent	80.9	%	N/A	NA	NA	NA
E38132-21	LR13	2-4'	8/11/98	Styrene	<MDL	ppm	8.8	100	23	97
E38132-21	LR13	2-4'	8/11/98	Tetrachloroethene	<MDL	ppm	8.8	1	4	6
E38132-21	LR13	2-4'	8/11/98	*Toluene*	*144*	ppm	8.8	500	*1000*	1000
E38132-21	LR13	2-4'	8/11/98	**Total TIC, Volatile**	**5130**	ppm	N/A	1000	**1000**	1000
E38132-21	LR13	2-4'	8/11/98	trans-1,2-Dichloroethene	<MDL	ppm	8.8	50	1000	1000
E38132-21	LR13	2-4'	8/11/98	trans-1,3-Dichloropropene	<MDL	ppm	8.8	1	4	5
E38132-21	LR13	2-4'	8/11/98	Trichloroethene	<MDL	ppm	8.8	1	23	54
E38132-21	LR13	2-4'	8/11/98	*Trimethylbenzene*	*810*	ppm	N/A	NA	*NA*	NA
E38132-21	LR13	2-4'	8/11/98	unknown	210	ppm	N/A	NA	NA	NA
E38132-21	LR13	2-4'	8/11/98	unknown	200	ppm	N/A	NA	NA	NA
E38132-21	LR13	2-4'	8/11/98	unknown alkane	630	ppm	N/A	NA	NA	NA
E38132-21	LR13	2-4'	8/11/98	unknown alkane	220	ppm	N/A	NA	NA	NA
E38132-21	LR13	2-4'	8/11/98	unknown isomer of C10H12	240	ppm	N/A	NA	NA	NA
E38132-21	LR13	2-4'	8/11/98	unknown isomer of C10H14	300	ppm	N/A	NA	NA	NA
E38132-21	LR13	2-4'	8/11/98	unknown isomer of C10H14	290	ppm	N/A	NA	NA	NA

TABLE 1. NEWARK DELANCY TERMINAL SOIL DELINEATION ANALYTICAL RESULTS, AUGUST 1998

LABORATORY SAMPLE NO.	SAMPLE LOCATION	INTERVAL SAMPLED (ft)	DATE SAMPLED	CONSTITUENT	CONC.	UNITS	LAB MDL	IGSCC	RDCSCC	NDCSCC
E38132-21	LR13	2-4'	8/11/98	unknown isomer of C10H14	200	ppm	N/A	NA	NA	NA
E38132-21	LR13	2-4'	8/11/98	unknown isomer of C7H14	290	ppm	N/A	NA	NA	NA
E38132-21	LR13	2-4'	8/11/98	unknown isomer of C8H18	300	ppm	N/A	NA	NA	NA
E38132-21	LR13	2-4'	8/11/98	unknown isomer of C8H18	300	ppm	N/A	NA	NA	NA
E38132-21	LR13	2-4'	8/11/98	unknown isomer of C9H12	210	ppm	N/A	NA	NA	NA
E38132-21	LR13	2-4'	8/11/98	Vinyl chloride	<MDL	ppm	8.8	10	2	7
E38132-21	LR13	2-4'	8/11/98	**Xylene (total)**	**1060**	ppm	8.8	10	**410**	1000
E38132-16	LR14	0-2'	8/11/98	1,1,1-Trichloroethane	<MDL	ppm	0.59	50	210	1000
E38132-16	LR14	0-2'	8/11/98	1,1,2,2-Tetrachloroethane	<MDL	ppm	0.59	1	34	70
E38132-16	LR14	0-2'	8/11/98	1,1,2-Trichloroethane	<MDL	ppm	0.59	1	22	420
E38132-16	LR14	0-2'	8/11/98	1,1-Dichloroethane	<MDL	ppm	0.59	10	570	1000
E38132-16	LR14	0-2'	8/11/98	1,1-Dichloroethene	<MDL	ppm	0.59	10	8	150
E38132-16	LR14	0-2'	8/11/98	1,2-Dichloroethane	<MDL	ppm	0.59	1	6	24
E38132-16	LR14	0-2'	8/11/98	1,2-Dichloropropane	<MDL	ppm	0.59	NA	10	43
E38132-16	LR14	0-2'	8/11/98	2-Butanone (MEK)	<MDL	ppm	1.2	50	1000	1000
E38132-16	LR14	0-2'	8/11/98	2-Hexanone	<MDL	ppm	1.2	NA	NA	NA
E38132-16	LR14	0-2'	8/11/98	4-Methyl-2-pentanone(MIBK)	<MDL	ppm	1.2	50	1000	1000
E38132-16	LR14	0-2'	8/11/98	Acetone	<MDL	ppm	3	100	1000	1000
E38132-16	LR14	0-2'	8/11/98	**Benzene**	**33**	ppm	0.59	1	3	13
E38132-16	LR14	0-2'	8/11/98	Bromodichloromethane	<MDL	ppm	0.59	1	11	46
E38132-16	LR14	0-2'	8/11/98	Bromoform	<MDL	ppm	0.59	1	86	370
E38132-16	LR14	0-2'	8/11/98	*Bromomethane*	<MDL	ppm	0.59	1	79	1000
E38132-16	LR14	0-2'	8/11/98	Carbon disulfide	<MDL	ppm	0.59	NA	NA	NA
E38132-16	LR14	0-2'	8/11/98	Carbon tetrachloride	<MDL	ppm	0.59	1	2	4
E38132-16	LR14	0-2'	8/11/98	Chlorobenzene	<MDL	ppm	0.59	1	37	680
E38132-16	LR14	0-2'	8/11/98	Chloroethane	<MDL	ppm	0.59	NA	NA	NA
E38132-16	LR14	0-2'	8/11/98	Chloroform	<MDL	ppm	0.59	1	19	28
E38132-16	LR14	0-2'	8/11/98	Chloromethane	<MDL	ppm	0.59	10	520	1000
E38132-16	LR14	0-2'	8/11/98	cis-1,2-Dichloroethene	<MDL	ppm	0.59	1	79	1000
E38132-16	LR14	0-2'	8/11/98	cis-1,3-Dichloropropene	<MDL	ppm	0.59	1	4	5
E38132-16	LR14	0-2'	8/11/98	Dibromochloromethane	<MDL	ppm	0.59	1	110	1000
E38132-16	LR14	0-2'	8/11/98	*Ethylbenzene*	*14*	ppm	0.59	100	*1,000*	1,000
E38132-16	LR14	0-2'	8/11/98	*Heptane*	*14*	ppm	N/A	NA	*NA*	NA
E38132-16	LR14	0-2'	8/11/98	Methylene chloride	<MDL	ppm	0.59	1	49	210
E38132-16	LR14	0-2'	8/11/98	Solids, Percent	88.1	%	N/A	NA	NA	NA
E38132-16	LR14	0-2'	8/11/98	Styrene	<MDL	ppm	0.59	100	23	97
E38132-16	LR14	0-2'	8/11/98	Tetrachloroethene	<MDL	ppm	0.59	1	4	6
E38132-16	LR14	0-2'	8/11/98	*Toluene*	*3*	ppm	0.59	500	*1000*	1000
E38132-16	LR14	0-2'	8/11/98	*Total TIC, Volatile*	*299*	ppm	N/A	1000	*1000*	1000
E38132-16	LR14	0-2'	8/11/98	trans-1,2-Dichloroethene	<MDL	ppm	0.59	50	1000	1000
E38132-16	LR14	0-2'	8/11/98	trans-1,3-Dichloropropene	<MDL	ppm	0.59	1	4	5
E38132-16	LR14	0-2'	8/11/98	Trichloroethene	<MDL	ppm	0.59	1	23	54
E38132-16	LR14	0-2'	8/11/98	*Trimethylbenzene*	*14*	ppm	N/A	NA	*NA*	NA
E38132-16	LR14	0-2'	8/11/98	unknown	16	ppm	N/A	NA	NA	NA
E38132-16	LR14	0-2'	8/11/98	unknown	18	ppm	N/A	NA	NA	NA
E38132-16	LR14	0-2'	8/11/98	unknown alkane	50	ppm	N/A	NA	NA	NA
E38132-16	LR14	0-2'	8/11/98	unknown alkane	20	ppm	N/A	NA	NA	NA
E38132-16	LR14	0-2'	8/11/98	unknown isomer of C10H12	15	ppm	N/A	NA	NA	NA
E38132-16	LR14	0-2'	8/11/98	unknown isomer of C10H12	27	ppm	N/A	NA	NA	NA
E38132-16	LR14	0-2'	8/11/98	unknown isomer of C10H14	19	ppm	N/A	NA	NA	NA
E38132-16	LR14	0-2'	8/11/98	unknown isomer of C10H14	16	ppm	N/A	NA	NA	NA
E38132-16	LR14	0-2'	8/11/98	unknown isomer of C10H14	21	ppm	N/A	NA	NA	NA
E38132-16	LR14	0-2'	8/11/98	unknown isomer of C10H14	14	ppm	N/A	NA	NA	NA
E38132-16	LR14	0-2'	8/11/98	unknown isomer of C11H14	21	ppm	N/A	NA	NA	NA
E38132-16	LR14	0-2'	8/11/98	unknown isomer of C11H16	14	ppm	N/A	NA	NA	NA
E38132-16	LR14	0-2'	8/11/98	unknown isomer of C7H14	20	ppm	N/A	NA	NA	NA
E38132-16	LR14	0-2'	8/11/98	Vinyl chloride	<MDL	ppm	0.59	10	2	7
E38132-16	LR14	0-2'	8/11/98	*Xylene (total)*	*14*	ppm	0.59	10	*410*	1000
E38132-17	LR14	2-4'	8/11/98	1,1,1-Trichloroethane	<MDL	ppm	0.91	50	210	1000

TABLE 1. NEWARK DELANCY TERMINAL SOIL DELINEATION ANALYTICAL RESULTS, AUGUST 1998

LABORATORY SAMPLE NO.	SAMPLE LOCATION	INTERVAL SAMPLED (ft)	DATE SAMPLED	CONSTITUENT	CONC.	UNITS	LAB MDL	IGSCC	RDCSCC	NDCSCC
E38132-17	LR14	2-4'	8/11/98	1,1,2,2-Tetrachloroethane	<MDL	ppm	0.91	1	34	70
E38132-17	LR14	2-4'	8/11/98	1,1,2-Trichloroethane	<MDL	ppm	0.91	1	22	420
E38132-17	LR14	2-4'	8/11/98	1,1-Dichloroethane	<MDL	ppm	0.91	10	570	1000
E38132-17	LR14	2-4'	8/11/98	1,1-Dichloroethene	<MDL	ppm	0.91	10	8	150
E38132-17	LR14	2-4'	8/11/98	1,2-Dichloroethane	<MDL	ppm	0.91	1	6	24
E38132-17	LR14	2-4'	8/11/98	1,2-Dichloropropane	<MDL	ppm	0.91	NA	10	43
E38132-17	LR14	2-4'	8/11/98	2-Butanone (MEK)	<MDL	ppm	1.8	50	1000	1000
E38132-17	LR14	2-4'	8/11/98	2-Hexanone	<MDL	ppm	1.8	NA	NA	NA
E38132-17	LR14	2-4'	8/11/98	4-Methyl-2-pentanone(MIBK)	<MDL	ppm	1.8	50	1000	1000
E38132-17	LR14	2-4'	8/11/98	Acetone	<MDL	ppm	4.6	100	1000	1000
E38132-17	LR14	2-4'	8/11/98	**Benzene**	**17**	ppm	0.91	1	**3**	13
E38132-17	LR14	2-4'	8/11/98	*Benzene, -ethyl-methyl-*	*31*	ppm	N/A	NA	*NA*	NA
E38132-17	LR14	2-4'	8/11/98	Bromodichloromethane	<MDL	ppm	0.91	1	11	46
E38132-17	LR14	2-4'	8/11/98	Bromoform	<MDL	ppm	0.91	1	86	370
E38132-17	LR14	2-4'	8/11/98	Bromomethane	<MDL	ppm	0.91	1	79	1000
E38132-17	LR14	2-4'	8/11/98	Carbon disulfide	<MDL	ppm	0.91	NA	NA	NA
E38132-17	LR14	2-4'	8/11/98	Carbon tetrachloride	<MDL	ppm	0.91	1	2	4
E38132-17	LR14	2-4'	8/11/98	Chlorobenzene	<MDL	ppm	0.91	1	37	680
E38132-17	LR14	2-4'	8/11/98	Chloroethane	<MDL	ppm	0.91	NA	NA	NA
E38132-17	LR14	2-4'	8/11/98	Chloroform	<MDL	ppm	0.91	1	19	28
E38132-17	LR14	2-4'	8/11/98	Chloromethane	<MDL	ppm	0.91	10	520	1000
E38132-17	LR14	2-4'	8/11/98	cis-1,2-Dichloroethene	<MDL	ppm	0.91	1	79	1000
E38132-17	LR14	2-4'	8/11/98	cis-1,3-Dichloropropene	<MDL	ppm	0.91	1	4	5
E38132-17	LR14	2-4'	8/11/98	Dibromochloromethane	<MDL	ppm	0.91	1	110	1000
E38132-17	LR14	2-4'	8/11/98	*Ethylbenzene*	*60*	ppm	0.91	100	*1,000*	1,000
E38132-17	LR14	2-4'	8/11/98	*Heptane*	*59*	ppm	N/A	NA	*NA*	NA
E38132-17	LR14	2-4'	8/11/98	Methylene chloride	<MDL	ppm	0.91	1	49	210
E38132-17	LR14	2-4'	8/11/98	Solids, Percent	84.7	%	N/A	NA	NA	NA
E38132-17	LR14	2-4'	8/11/98	Styrene	<MDL	ppm	0.91	100	23	97
E38132-17	LR14	2-4'	8/11/98	Tetrachloroethene	<MDL	ppm	0.91	1	4	6
E38132-17	LR14	2-4'	8/11/98	*Toluene*	*51*	ppm	0.91	500	*1000*	1000
E38132-17	LR14	2-4'	8/11/98	*Total TIC, Volatile*	*811*	ppm	N/A	1000	*1000*	1000
E38132-17	LR14	2-4'	8/11/98	trans-1,2-Dichloroethene	<MDL	ppm	0.91	50	1000	1000
E38132-17	LR14	2-4'	8/11/98	trans-1,3-Dichloropropene	<MDL	ppm	0.91	1	4	5
E38132-17	LR14	2-4'	8/11/98	Trichloroethene	<MDL	ppm	0.91	1	23	54
E38132-17	LR14	2-4'	8/11/98	*Trimethylbenzene*	52	ppm	N/A	NA	*NA*	NA
E38132-17	LR14	2-4'	8/11/98	unknown	29	ppm	N/A	NA	NA	NA
E38132-17	LR14	2-4'	8/11/98	unknown	29	ppm	N/A	NA	NA	NA
E38132-17	LR14	2-4'	8/11/98	unknown alkane	150	ppm	N/A	NA	NA	NA
E38132-17	LR14	2-4'	8/11/98	unknown alkane	64	ppm	N/A	NA	NA	NA
E38132-17	LR14	2-4'	8/11/98	unknown alkane	73	ppm	N/A	NA	NA	NA
E38132-17	LR14	2-4'	8/11/98	unknown isomer of C10H12	35	ppm	N/A	NA	NA	NA
E38132-17	LR14	2-4'	8/11/98	unknown isomer of C10H14	38	ppm	N/A	NA	NA	NA
E38132-17	LR14	2-4'	8/11/98	unknown isomer of C10H14	33	ppm	N/A	NA	NA	NA
E38132-17	LR14	2-4'	8/11/98	unknown isomer of C7H14	55	ppm	N/A	NA	NA	NA
E38132-17	LR14	2-4'	8/11/98	unknown isomer of C8H18	46	ppm	N/A	NA	NA	NA
E38132-17	LR14	2-4'	8/11/98	unknown isomer of C8H18	73	ppm	N/A	NA	NA	NA
E38132-17	LR14	2-4'	8/11/98	unknown isomer of C9H12	44	ppm	N/A	NA	NA	NA
E38132-17	LR14	2-4'	8/11/98	Vinyl chloride	<MDL	ppm	0.91	10	2	7
E38132-17	LR14	2-4'	8/11/98	*Xylene (total)*	*179*	ppm	0.91	10	*410*	1000
E38180-8	PP17	0-2'	8/13/98	*Acenaphthene*	*14*	ppm	2.2	100	*3,400*	10000
E38180-8	PP17	0-2'	8/13/98	Acenaphthylene	<MDL	ppm	0.44	NA	NA	NA
E38180-8	PP17	0-2'	8/13/98	Anthracene	<MDL	ppm	0.44	100	10000	10000
E38180-8	PP17	0-2'	8/13/98	**Benzo(a)anthracene**	**1**	ppm	0.44	500	**0.9**	4
E38180-8	PP17	0-2'	8/13/98	**Benzo(a)pyrene**	**2**	ppm	0.44	100	**0.66**	0.66
E38180-8	PP17	0-2'	8/13/98	**Benzo(b)fluoranthene**	**2**	ppm	0.44	500	**0.9**	4
E38180-8	PP17	0-2'	8/13/98	*Benzo(g,h,i)perylene*	*1*	ppm	0.44	NA	*NA*	NA
E38180-8	PP17	0-2'	8/13/98	*Benzo(k)fluoranthene*	*1*	ppm	0.44	NA	*NA*	NA
E38180-8	PP17	0-2'	8/13/98	*Chrysene*	*2*	ppm	0.44	500	*9*	40
E38180-8	PP17	0-2'	8/13/98	Dibenzo(a,h)anthracene	<MDL	ppm	0.44	100	0.66	0.66

TABLE 1. NEWARK DELANCY TERMINAL SOIL DELINEATION ANALYTICAL RESULTS, AUGUST 1998

LABORATORY SAMPLE NO.	SAMPLE LOCATION	INTERVAL SAMPLED (ft)	DATE SAMPLED	CONSTITUENT	CONC.	UNITS	LAB MDL	IGSCC	RDCSCC	NDCSCC
E38180-8	PP17	0-2'	8/13/98	Fluoranthene	3	ppm	0.44	100	2,300	10000
E38180-8	PP17	0-2'	8/13/98	Fluorene	18	ppm	2.2	100	2,300	10000
E38180-8	PP17	0-2'	8/13/98	**Indeno(1,2,3-cd)pyrene**	**1**	ppm	0.44	500	**0.9**	4
E38180-8	PP17	0-2'	8/13/98	Naphthalene	<MDL	ppm	0.44	100	230	4,200
E38180-8	PP17	0-2'	8/13/98	*Phenanthrene*	*32*	ppm	2.2	NA	*NA*	NA
E38180-8	PP17	0-2'	8/13/98	*Pyrene*	*5*	ppm	0.44	100	*1,700*	10000
E38180-8	PP17	0-2'	8/13/98	Solids, Percent	75.8	%	N/A	NA	NA	NA
E38180-9	PP17	2-4'	8/13/98	*Acenaphthene*	*1*	ppm	0.24	100	*3,400*	10000
E38180-9	PP17	2-4'	8/13/98	Acenaphthylene	<MDL	ppm	0.24	NA	NA	NA
E38180-9	PP17	2-4'	8/13/98	Anthracene	<MDL	ppm	0.24	100	10000	10000
E38180-9	PP17	2-4'	8/13/98	**Benzo(a)anthracene**	**1**	ppm	0.24	500	**0.9**	4
E38180-9	PP17	2-4'	8/13/98	**Benzo(a)pyrene**	**1**	ppm	0.24	100	**0.66**	0.66
E38180-9	PP17	2-4'	8/13/98	**Benzo(b)fluoranthene**	**1**	ppm	0.24	500	**0.9**	4
E38180-9	PP17	2-4'	8/13/98	Benzo(g,h,i)perylene	<MDL	ppm	0.24	NA	NA	NA
E38180-9	PP17	2-4'	8/13/98	*Benzo(k)fluoranthene*	*1*	ppm	0.24	NA	*NA*	NA
E38180-9	PP17	2-4'	8/13/98	*Chrysene*	*1*	ppm	0.24	500	*9*	40
E38180-9	PP17	2-4'	8/13/98	Dibenzo(a,h)anthracene	<MDL	ppm	0.24	100	0.66	0.66
E38180-9	PP17	2-4'	8/13/98	*Fluoranthene*	*1*	ppm	0.24	100	*2,300*	10000
E38180-9	PP17	2-4'	8/13/98	*Fluorene*	*2*	ppm	0.24	100	*2,300*	10000
E38180-9	PP17	2-4'	8/13/98	Indeno(1,2,3-cd)pyrene	<MDL	ppm	0.24	500	0.9	4
E38180-9	PP17	2-4'	8/13/98	Naphthalene	<MDL	ppm	0.24	100	230	4,200
E38180-9	PP17	2-4'	8/13/98	*Phenanthrene*	*2*	ppm	0.24	NA	*NA*	NA
E38180-9	PP17	2-4'	8/13/98	*Pyrene*	*1*	ppm	0.24	100	*1,700*	10000
E38180-9	PP17	2-4'	8/13/98	Solids, Percent	68.9	ppm	N/A	NA	NA	NA
E38180-1	PP18	0-2'	8/12/98	**TPH-DRO (C9-C22)**	**39000**	ppm	840	10000	**10000**	10000
E38180-1	PP18	0-2'	8/12/98	**TPH-GRO (C4-C12)**	**3040**	ppm	350	1000	**1000**	1000
E38180-1	PP18	0-2'	8/12/98	Solids, Percent	79.3	%	N/A	NA	NA	NA
E38180-1R	PP18	0-2'	8/12/98	1,1,1-Trichloroethane	<MDL	ppm	15	50	210	1000
E38180-1R	PP18	0-2'	8/12/98	1,1,2,2-Tetrachloroethane	<MDL	ppm	15	1	34	70
E38180-1R	PP18	0-2'	8/12/98	1,1,2-Trichloroethane	<MDL	ppm	15	1	22	420
E38180-1R	PP18	0-2'	8/12/98	1,1-Dichloroethane	<MDL	ppm	15	10	570	1000
E38180-1R	PP18	0-2'	8/12/98	1,1-Dichloroethene	<MDL	ppm	15	10	8	150
E38180-1R	PP18	0-2'	8/12/98	1,2-Dichloroethane	<MDL	ppm	15	1	6	24
E38180-1R	PP18	0-2'	8/12/98	1,2-Dichloropropane	<MDL	ppm	15	NA	10	43
E38180-1R	PP18	0-2'	8/12/98	2-Butanone (MEK)	<MDL	ppm	30	50	1000	1000
E38180-1R	PP18	0-2'	8/12/98	2-Hexanone	<MDL	ppm	30	NA	NA	NA
E38180-1R	PP18	0-2'	8/12/98	4-Methyl-2-pentanone(MIBK)	<MDL	ppm	30	50	1000	1000
E38180-1R	PP18	0-2'	8/12/98	*Acenaphthene*	*19*	ppm	1	100	*3,400*	10000
E38180-1R	PP18	0-2'	8/12/98	Acenaphthylene	<MDL	ppm	1	NA	NA	NA
E38180-1R	PP18	0-2'	8/12/98	Acetone	<MDL	ppm	74	100	1000	1000
E38180-1R	PP18	0-2'	8/12/98	Anthracene	<MDL	ppm	1	100	10000	10000
E38180-1R	PP18	0-2'	8/12/98	Benzene	<MDL	ppm	15	1	3	13
E38180-1R	PP18	0-2'	8/12/98	**Benzo(a)anthracene**	**1**	ppm	1	500	**0.9**	4
E38180-1R	PP18	0-2'	8/12/98	**Benzo(a)pyrene**	**2**	ppm	1	100	**0.66**	0.66
E38180-1R	PP18	0-2'	8/12/98	**Benzo(b)fluoranthene**	**2**	ppm	1	500	**0.9**	4
E38180-1R	PP18	0-2'	8/12/98	*Benzo(g,h,i)perylene*	*2*	ppm	1	NA	*NA*	NA
E38180-1R	PP18	0-2'	8/12/98	*Benzo(k)fluoranthene*	*1*	ppm	1	NA	*NA*	NA
E38180-1R	PP18	0-2'	8/12/98	Bromodichloromethane	<MDL	ppm	15	1	11	46
E38180-1R	PP18	0-2'	8/12/98	Bromoform	<MDL	ppm	15	1	86	370
E38180-1R	PP18	0-2'	8/12/98	Bromomethane	<MDL	ppm	15	1	79	1000
E38180-1R	PP18	0-2'	8/12/98	Carbon disulfide	<MDL	ppm	15	NA	NA	NA
E38180-1R	PP18	0-2'	8/12/98	Carbon tetrachloride	<MDL	ppm	15	1	2	4
E38180-1R	PP18	0-2'	8/12/98	Chlorobenzene	<MDL	ppm	15	1	37	680
E38180-1R	PP18	0-2'	8/12/98	Chloroethane	<MDL	ppm	15	NA	NA	NA
E38180-1R	PP18	0-2'	8/12/98	Chloroform	<MDL	ppm	15	1	19	28
E38180-1R	PP18	0-2'	8/12/98	Chloromethane	<MDL	ppm	15	10	520	1000
E38180-1R	PP18	0-2'	8/12/98	*Chrysene*	*2*	ppm	1	500	*9*	40
E38180-1R	PP18	0-2'	8/12/98	cis-1,2-Dichloroethene	<MDL	ppm	15	1	79	1000

TABLE 1. NEWARK DELANCY TERMINAL SOIL DELINEATION ANALYTICAL RESULTS, AUGUST 1998

LABORATORY SAMPLE NO.	SAMPLE LOCATION	INTERVAL SAMPLED (ft)	DATE SAMPLED	CONSTITUENT	CONC.	UNITS	LAB MDL	IGSCC	RDCSCC	NDCSCC
E38180-1R	PP18	0-2'	8/12/98	cis-1,3-Dichloropropene	<MDL	ppm	15	1	4	5
E38180-1R	PP18	0-2'	8/12/98	Dibenzo(a,h)anthracene	<MDL	ppm	1	100	0.66	0.66
E38180-1R	PP18	0-2'	8/12/98	Dibromochloromethane	<MDL	ppm	15	1	110	1000
E38180-1R	PP18	0-2'	8/12/98	Ethylbenzene	<MDL	ppm	15	100	1,000	1,000
E38180-1R	PP18	0-2'	8/12/98	*Fluoranthene*	*2*	ppm	1	100	*2,300*	10000
E38180-1R	PP18	0-2'	8/12/98	*Fluorene*	*16*	ppm	1	100	*2,300*	10000
E38180-1R	PP18	0-2'	8/12/98	**Indeno(1,2,3-cd)pyrene**	**1**	**ppm**	1	500	**0.9**	**4**
E38180-1R	PP18	0-2'	8/12/98	Methylene chloride	<MDL	ppm	15	1	49	210
E38180-1R	PP18	0-2'	8/12/98	Naphthalene	<MDL	ppm	1	100	230	4,200
E38180-1R	PP18	0-2'	8/12/98	*Phenanthrene*	*41*	ppm	2.1	NA	*NA*	NA
E38180-1R	PP18	0-2'	8/12/98	*Pyrene*	*5*	ppm	1	100	*1,700*	10000
E38180-1R	PP18	0-2'	8/12/98	Styrene	<MDL	ppm	15	100	23	97
E38180-1R	PP18	0-2'	8/12/98	Tetrachloroethene	<MDL	ppm	15	1	4	6
E38180-1R	PP18	0-2'	8/12/98	Toluene	<MDL	ppm	15	500	1000	1000
E38180-1R	PP18	0-2'	8/12/98	**Total TIC, Volatile**	**1894**	ppm	N/A	1000	**1000**	1000
E38180-1R	PP18	0-2'	8/12/98	trans-1,2-Dichloroethene	<MDL	ppm	15	50	1000	1000
E38180-1R	PP18	0-2'	8/12/98	trans-1,3-Dichloropropene	<MDL	ppm	15	1	4	5
E38180-1R	PP18	0-2'	8/12/98	Trichloroethene	<MDL	ppm	15	1	23	54
E38180-1R	PP18	0-2'	8/12/98	unknown	170	ppm	N/A	NA	NA	NA
E38180-1R	PP18	0-2'	8/12/98	unknown	110	ppm	N/A	NA	NA	NA
E38180-1R	PP18	0-2'	8/12/98	unknown	130	ppm	N/A	NA	NA	NA
E38180-1R	PP18	0-2'	8/12/98	unknown	150	ppm	N/A	NA	NA	NA
E38180-1R	PP18	0-2'	8/12/98	unknown	180	ppm	N/A	NA	NA	NA
E38180-1R	PP18	0-2'	8/12/98	unknown	100	ppm	N/A	NA	NA	NA
E38180-1R	PP18	0-2'	8/12/98	unknown	120	ppm	N/A	NA	NA	NA
E38180-1R	PP18	0-2'	8/12/98	unknown	110	ppm	N/A	NA	NA	NA
E38180-1R	PP18	0-2'	8/12/98	unknown	100	ppm	N/A	NA	NA	NA
E38180-1R	PP18	0-2'	8/12/98	unknown alkane	100	ppm	N/A	NA	NA	NA
E38180-1R	PP18	0-2'	8/12/98	unknown alkane	100	ppm	N/A	NA	NA	NA
E38180-1R	PP18	0-2'	8/12/98	unknown C10H12	200	ppm	N/A	NA	NA	NA
E38180-1R	PP18	0-2'	8/12/98	unknown C10H14	110	ppm	N/A	NA	NA	NA
E38180-1R	PP18	0-2'	8/12/98	unknown C11H14	120	ppm	N/A	NA	NA	NA
E38180-1R	PP18	0-2'	8/12/98	unknown C11H14	94	ppm	N/A	NA	NA	NA
E38180-1R	PP18	0-2'	8/12/98	Vinyl chloride	<MDL	ppm	15	10	2	7
E38180-1R	PP18	0-2'	8/12/98	Xylene (total)	<MDL	ppm	15	10	410	1000
E38180-2	PP18	2-4'	8/12/98	**TPH-DRO (C9-C22)**	**22700**	ppm	560	10000	**10000**	10000
E38180-2	PP18	2-4'	8/12/98	**TPH-GRO (C4-C12)**	**2510**	ppm	410	1000	**1000**	1000
E38180-2	PP18	2-4'	8/12/98	Solids, Percent	58.8	%	N/A	NA	NA	NA
E38180-3	PP19	0-2'	8/12/98	**TPH-DRO (C9-C22)**	**39200**	ppm	890	10000	**10000**	10000
E38180-3	PP19	0-2'	8/12/98	**TPH-GRO (C4-C12)**	**2890**	ppm	360	1000	**1000**	1000
E38180-3	PP19	0-2'	8/12/98	Solids, Percent	74.4	%	N/A	NA	NA	NA
E38180-3R	PP19	0-2'	8/12/98	1,1,1-Trichloroethane	<MDL	ppm	8.1	50	210	1000
E38180-3R	PP19	0-2'	8/12/98	1,1,2,2-Tetrachloroethane	<MDL	ppm	8.1	1	34	70
E38180-3R	PP19	0-2'	8/12/98	1,1,2-Trichloroethane	<MDL	ppm	8.1	1	22	420
E38180-3R	PP19	0-2'	8/12/98	1,1-Dichloroethane	<MDL	ppm	8.1	10	570	1000
E38180-3R	PP19	0-2'	8/12/98	1,1-Dichloroethene	<MDL	ppm	8.1	10	8	150
E38180-3R	PP19	0-2'	8/12/98	1,2-Dichloroethane	<MDL	ppm	8.1	1	6	24
E38180-3R	PP19	0-2'	8/12/98	1,2-Dichloropropane	<MDL	ppm	8.1	NA	10	43
E38180-3R	PP19	0-2'	8/12/98	2-Butanone (MEK)	<MDL	ppm	16	50	1000	1000
E38180-3R	PP19	0-2'	8/12/98	2-Hexanone	<MDL	ppm	16	NA	NA	NA
E38180-3R	PP19	0-2'	8/12/98	4-Methyl-2-pentanone(MIBK)	<MDL	ppm	16	50	1000	1000
E38180-3R	PP19	0-2'	8/12/98	*Acenaphthene*	*12*	ppm	1.1	100	*3,400*	10000
E38180-3R	PP19	0-2'	8/12/98	Acenaphthylene	<MDL	ppm	1.1	NA	NA	NA
E38180-3R	PP19	0-2'	8/12/98	Acetone	<MDL	ppm	40	100	1000	1000
E38180-3R	PP19	0-2'	8/12/98	Anthracene	<MDL	ppm	1.1	100	10000	10000
E38180-3R	PP19	0-2'	8/12/98	Benzene	<MDL	ppm	8.1	1	3	13
E38180-3R	PP19	0-2'	8/12/98	**Benzo(a)anthracene**	**1**	ppm	1.1	500	**0.9**	4
E38180-3R	PP19	0-2'	8/12/98	**Benzo(a)pyrene**	**1**	ppm	1.1	100	**0.66**	0.66

TABLE 1. NEWARK DELANCY TERMINAL SOIL DELINEATION ANALYTICAL RESULTS, AUGUST 1998

LABORATORY SAMPLE NO.	SAMPLE LOCATION	INTERVAL SAMPLED (ft)	DATE SAMPLED	CONSTITUENT	CONC.	UNITS	LAB MDL	IGSCC	RDCSCC	NDCSCC
E38180-3R	PP19	0-2'	8/12/98	**Benzo(b)fluoranthene**	**1**	ppm	1.1	500	0.9	4
E38180-3R	PP19	0-2'	8/12/98	*Benzo(g,h,i)perylene*	*1*	ppm	1.1	NA	*NA*	NA
E38180-3R	PP19	0-2'	8/12/98	*Benzo(k)fluoranthene*	*1*	ppm	1.1	NA	*NA*	NA
E38180-3R	PP19	0-2'	8/12/98	Bromodichloromethane	<MDL	ppm	8.1	1	11	46
E38180-3R	PP19	0-2'	8/12/98	Bromoform	<MDL	ppm	8.1	1	86	370
E38180-3R	PP19	0-2'	8/12/98	Bromomethane	<MDL	ppm	8.1	1	79	1000
E38180-3R	PP19	0-2'	8/12/98	Carbon disulfide	<MDL	ppm	8.1	NA	NA	NA
E38180-3R	PP19	0-2'	8/12/98	Carbon tetrachloride	<MDL	ppm	8.1	1	2	4
E38180-3R	PP19	0-2'	8/12/98	Chlorobenzene	<MDL	ppm	8.1	1	37	680
E38180-3R	PP19	0-2'	8/12/98	Chloroethane	<MDL	ppm	8.1	NA	NA	NA
E38180-3R	PP19	0-2'	8/12/98	Chloroform	<MDL	ppm	8.1	1	19	28
E38180-3R	PP19	0-2'	8/12/98	Chloromethane	<MDL	ppm	8.1	10	520	1000
E38180-3R	PP19	0-2'	8/12/98	*Chrysene*	*1*	ppm	1.1	500	*9*	40
E38180-3R	PP19	0-2'	8/12/98	cis-1,2-Dichloroethene	<MDL	ppm	8.1	1	79	1000
E38180-3R	PP19	0-2'	8/12/98	cis-1,3-Dichloropropene	<MDL	ppm	8.1	1	4	5
E38180-3R	PP19	0-2'	8/12/98	Dibenzo(a,h)anthracene	<MDL	ppm	1.1	100	0.66	0.66
E38180-3R	PP19	0-2'	8/12/98	Dibromochloromethane	<MDL	ppm	8.1	1	110	10000
E38180-3R	PP19	0-2'	8/12/98	Ethylbenzene	<MDL	ppm	8.1	100	1,000	1,000
E38180-3R	PP19	0-2'	8/12/98	*Fluoranthene*	*1*	ppm	1.1	100	*2,300*	10000
E38180-3R	PP19	0-2'	8/12/98	*Fluorene*	*14*	ppm	1.1	100	*2,300*	10000
E38180-3R	PP19	0-2'	8/12/98	**Indeno(1,2,3-cd)pyrene**	**1**	ppm	1.1	500	**0.9**	4
E38180-3R	PP19	0-2'	8/12/98	Methylene chloride	<MDL	ppm	8.1	1	49	210
E38180-3R	PP19	0-2'	8/12/98	Naphthalene	<MDL	ppm	1.1	100	230	4,200
E38180-3R	PP19	0-2'	8/12/98	*Phenanthrene*	*37*	ppm	2.2	NA	*NA*	NA
E38180-3R	PP19	0-2'	8/12/98	*Pyrene*	*3*	ppm	1.1	100	*1,700*	10000
E38180-3R	PP19	0-2'	8/12/98	Styrene	<MDL	ppm	8.1	100	23	97
E38180-3R	PP19	0-2'	8/12/98	Tetrachloroethene	<MDL	ppm	8.1	1	4	6
E38180-3R	PP19	0-2'	8/12/98	Toluene	<MDL	ppm	8.1	500	1000	1000
E38180-3R	PP19	0-2'	8/12/98	**Total TIC, Volatile**	**1519**	ppm	N/A	1000	**1000**	1000
E38180-3R	PP19	0-2'	8/12/98	trans-1,2-Dichloroethene	<MDL	ppm	8.1	50	1000	1000
E38180-3R	PP19	0-2'	8/12/98	trans-1,3-Dichloropropene	<MDL	ppm	8.1	1	4	5
E38180-3R	PP19	0-2'	8/12/98	Trichloroethene	<MDL	ppm	8.1	1	23	54
E38180-3R	PP19	0-2'	8/12/98	unknown	96	ppm	N/A	NA	NA	NA
E38180-3R	PP19	0-2'	8/12/98	unknown	88	ppm	N/A	NA	NA	NA
E38180-3R	PP19	0-2'	8/12/98	unknown	99	ppm	N/A	NA	NA	NA
E38180-3R	PP19	0-2'	8/12/98	unknown	130	ppm	N/A	NA	NA	NA
E38180-3R	PP19	0-2'	8/12/98	unknown	170	ppm	N/A	NA	NA	NA
E38180-3R	PP19	0-2'	8/12/98	unknown	97	ppm	N/A	NA	NA	NA
E38180-3R	PP19	0-2'	8/12/98	unknown	120	ppm	N/A	NA	NA	NA
E38180-3R	PP19	0-2'	8/12/98	unknown	120	ppm	N/A	NA	NA	NA
E38180-3R	PP19	0-2'	8/12/98	unknown	78	ppm	N/A	NA	NA	NA
E38180-3R	PP19	0-2'	8/12/98	unknown	80	ppm	N/A	NA	NA	NA
E38180-3R	PP19	0-2'	8/12/98	unknown C10H12	74	ppm	N/A	NA	NA	NA
E38180-3R	PP19	0-2'	8/12/98	unknown C10H12	87	ppm	N/A	NA	NA	NA
E38180-3R	PP19	0-2'	8/12/98	unknown C10H12	140	ppm	N/A	NA	NA	NA
E38180-3R	PP19	0-2'	8/12/98	unknown C10H14	75	ppm	N/A	NA	NA	NA
E38180-3R	PP19	0-2'	8/12/98	unknown C11H14	65	ppm	N/A	NA	NA	NA
E38180-3R	PP19	0-2'	8/12/98	Vinyl chloride	<MDL	ppm	8.1	10	2	7
E38180-3R	PP19	0-2'	8/12/98	Xylene (total)	<MDL	ppm	8.1	10	410	1000
E38180-4	PP19	2-4'	8/12/98	**TPH-DRO (C9-C22)**	**11200**	ppm	440	10000	**10000**	10000
E38180-4	PP19	2-4'	8/12/98	**TPH-GRO (C4-C12)**	**2360**	ppm	340	1000	**1000**	1000
E38180-4	PP19	2-4'	8/12/98	Solids, Percent	75.9	%	N/A	NA	NA	NA
E38133-14	PP20	0-2'	8/12/98	1,1,1-Trichloroethane	<MDL	ppm	0.98	50	210	1000
E38133-14	PP20	0-2'	8/12/98	1,1,2,2-Tetrachloroethane	<MDL	ppm	0.98	1	34	70
E38133-14	PP20	0-2'	8/12/98	1,1,2-Trichloroethane	<MDL	ppm	0.98	1	22	420
E38133-14	PP20	0-2'	8/12/98	1,1-Dichloroethane	<MDL	ppm	0.98	10	570	1000
E38133-14	PP20	0-2'	8/12/98	1,1-Dichloroethene	<MDL	ppm	0.98	10	8	150
E38133-14	PP20	0-2'	8/12/98	1,2-Dichlorobenzene	<MDL	ppm	0.98	50	5100	10000
E38133-14	PP20	0-2'	8/12/98	1,2-Dichloroethane	<MDL	ppm	0.98	1	6	24

TABLE 1. NEWARK DELANCY TERMINAL SOIL DELINEATION ANALYTICAL RESULTS, AUGUST 1998

LABORATORY SAMPLE NO.	SAMPLE LOCATION	INTERVAL SAMPLED (ft)	DATE SAMPLED	CONSTITUENT	CONC.	UNITS	LAB MDL	IGSCC	RDCSCC	NDCSCC
E38133-14	PP20	0-2'	8/12/98	1,2-Dichloropropane	<MDL	ppm	0.98	NA	10	43
E38133-14	PP20	0-2'	8/12/98	1,3-Dichlorobenzene	<MDL	ppm	0.98	100	5100	10000
E38133-14	PP20	0-2'	8/12/98	1,4-Dichlorobenzene	<MDL	ppm	0.98	100	570	10000
E38133-14	PP20	0-2'	8/12/98	2-Chloroethyl vinyl ether	<MDL	ppm	3.9	NA	NA	NA
E38133-14	PP20	0-2'	8/12/98	Acenaphthene	<MDL	ppm	1.2	100	3,400	10000
E38133-14	PP20	0-2'	8/12/98	Acenaphthylene	<MDL	ppm	1.2	NA	NA	NA
E38133-14	PP20	0-2'	8/12/98	Acrolein	<MDL	ppm	20	NA	NA	NA
E38133-14	PP20	0-2'	8/12/98	Acrylonitrile	<MDL	ppm	20	1	1	5
E38133-14	PP20	0-2'	8/12/98	Anthracene	<MDL	ppm	1.2	100	10000	10000
E38133-14	PP20	0-2'	8/12/98	Benzene	<MDL	ppm	0.98	1	3	13
E38133-14	PP20	0-2'	8/12/98	**Benzo(a)anthracene**	**1**	ppm	1.2	500	**0.9**	4
E38133-14	PP20	0-2'	8/12/98	**Benzo(a)pyrene**	**2**	ppm	1.2	100	**0.66**	0.66
E38133-14	PP20	0-2'	8/12/98	**Benzo(b)fluoranthene**	**2**	ppm	1.2	500	**0.9**	4
E38133-14	PP20	0-2'	8/12/98	*Benzo(g,h,i)perylene*	*1*	ppm	1.2	NA	*NA*	NA
E38133-14	PP20	0-2'	8/12/98	*Benzo(k)fluoranthene*	*2*	ppm	1.2	NA	*NA*	NA
E38133-14	PP20	0-2'	8/12/98	Bromodichloromethane	<MDL	ppm	0.98	1	11	46
E38133-14	PP20	0-2'	8/12/98	Bromoform	<MDL	ppm	0.98	1	86	370
E38133-14	PP20	0-2'	8/12/98	Bromomethane	<MDL	ppm	0.98	1	79	1000
E38133-14	PP20	0-2'	8/12/98	*Carbon dioxide*	*3*	ppm	N/A	N/A	*N/A*	N/A
E38133-14	PP20	0-2'	8/12/98	Carbon tetrachloride	<MDL	ppm	0.98	1	2	4
E38133-14	PP20	0-2'	8/12/98	Chlorobenzene	<MDL	ppm	0.98	1	37	680
E38133-14	PP20	0-2'	8/12/98	Chloroethane	<MDL	ppm	0.98	NA	NA	NA
E38133-14	PP20	0-2'	8/12/98	Chloroform	<MDL	ppm	0.98	1	19	28
E38133-14	PP20	0-2'	8/12/98	Chloromethane	<MDL	ppm	0.98	10	520	1000
E38133-14	PP20	0-2'	8/12/98	*Chrysene*	*1*	ppm	1.2	500	*9*	40
E38133-14	PP20	0-2'	8/12/98	cis-1,2-Dichloroethene	<MDL	ppm	0.98	1	79	1000
E38133-14	PP20	0-2'	8/12/98	cis-1,3-Dichloropropene	<MDL	ppm	0.98	1	4	5
E38133-14	PP20	0-2'	8/12/98	Dibenzo(a,h)anthracene	<MDL	ppm	1.2	100	0.66	0.66
E38133-14	PP20	0-2'	8/12/98	Dibromochloromethane	<MDL	ppm	0.98	1	110	1000
E38133-14	PP20	0-2'	8/12/98	Dichlorodifluoromethane	<MDL	ppm	0.98	NA	NA	NA
E38133-14	PP20	0-2'	8/12/98	Ethylbenzene	<MDL	ppm	0.98	100	1,000	1,000
E38133-14	PP20	0-2'	8/12/98	*Fluoranthene*	*2*	ppm	1.2	100	*2,300*	10000
E38133-14	PP20	0-2'	8/12/98	Fluorene	<MDL	ppm	1.2	100	2,300	10000
E38133-14	PP20	0-2'	8/12/98	**Indeno(1,2,3-cd)pyrene**	**1**	ppm	1.2	500	**0.9**	4
E38133-14	PP20	0-2'	8/12/98	Methylene chloride	<MDL	ppm	0.98	1	49	210
E38133-14	PP20	0-2'	8/12/98	Naphthalene	<MDL	ppm	1.2	100	230	4,200
E38133-14	PP20	0-2'	8/12/98	*Phenanthrene*	*1*	ppm	1.2	NA	*NA*	NA
E38133-14	PP20	0-2'	8/12/98	*Pyrene*	*2*	ppm	1.2	100	*1,700*	10000
E38133-14	PP20	0-2'	8/12/98	Solids, Percent	68.2	%	N/A	N/A	N/A	N/A
E38133-14	PP20	0-2'	8/12/98	Tetrachloroethene	<MDL	ppm	0.98	1	4	6
E38133-14	PP20	0-2'	8/12/98	Toluene	<MDL	ppm	0.98	500	1000	1000
E38133-14	PP20	0-2'	8/12/98	Total TIC, Volatile	<MDL	ppm	N/A	1000	1000	1000
E38133-14	PP20	0-2'	8/12/98	trans-1,2-Dichloroethene	<MDL	ppm	0.98	50	1000	1000
E38133-14	PP20	0-2'	8/12/98	trans-1,3-Dichloropropene	<MDL	ppm	0.98	1	4	5
E38133-14	PP20	0-2'	8/12/98	Trichloroethene	<MDL	ppm	0.98	1	23	54
E38133-14	PP20	0-2'	8/12/98	Trichlorofluoromethane	<MDL	ppm	0.98	NA	NA	NA
E38133-14	PP20	0-2'	8/12/98	Vinyl chloride	<MDL	ppm	0.98	10	2	7
E38133-14	PP20	0-2'	8/12/98	Xylene (total)	<MDL	ppm	0.98	10	410	1000
E38133-15	PP20	2-4'	8/12/98	1,1,1-Trichloroethane	<MDL	ppm	1	50	210	1000
E38133-15	PP20	2-4'	8/12/98	1,1,2,2-Tetrachloroethane	<MDL	ppm	1	1	34	70
E38133-15	PP20	2-4'	8/12/98	1,1,2-Trichloroethane	<MDL	ppm	1	1	22	420
E38133-15	PP20	2-4'	8/12/98	1,1-Dichloroethane	<MDL	ppm	1	10	570	1000
E38133-15	PP20	2-4'	8/12/98	1,1-Dichloroethene	<MDL	ppm	1	10	8	150
E38133-15	PP20	2-4'	8/12/98	1,2-Dichlorobenzene	<MDL	ppm	1	50	5100	10000
E38133-15	PP20	2-4'	8/12/98	1,2-Dichloroethane	<MDL	ppm	1	1	6	24
E38133-15	PP20	2-4'	8/12/98	1,2-Dichloropropane	<MDL	ppm	1	NA	10	43
E38133-15	PP20	2-4'	8/12/98	1,3-Dichlorobenzene	<MDL	ppm	1	100	5100	10000
E38133-15	PP20	2-4'	8/12/98	1,4-Dichlorobenzene	<MDL	ppm	1	100	570	10000
E38133-15	PP20	2-4'	8/12/98	2-Chloroethyl vinyl ether	<MDL	ppm	4.1	NA	NA	NA
E38133-15	PP20	2-4'	8/12/98	Acenaphthene	<MDL	ppm	1.3	100	3,400	10000

TABLE 1. NEWARK DELANCY TERMINAL SOIL DELINEATION ANALYTICAL RESULTS, AUGUST 1998

LABORATORY SAMPLE NO.	SAMPLE LOCATION	INTERVAL SAMPLED (ft)	DATE SAMPLED	CONSTITUENT	CONC.	UNITS	LAB MDL	IGSCC	RDCSCC	NDCSCC
E38133-15	PP20	2-4'	8/12/98	Acenaphthylene	<MDL	ppm	1.3	NA	NA	NA
E38133-15	PP20	2-4'	8/12/98	Acrolein	<MDL	ppm	20	NA	NA	NA
E38133-15	PP20	2-4'	8/12/98	Acrylonitrile	<MDL	ppm	20	1	1	5
E38133-15	PP20	2-4'	8/12/98	Anthracene	<MDL	ppm	1.3	100	10000	10000
E38133-15	PP20	2-4'	8/12/98	Benzene	<MDL	ppm	1	1	3	13
E38133-15	PP20	2-4'	8/12/98	**Benzo(a)anthracene**	**4**	ppm	1.3	500	**0.9**	4
E38133-15	PP20	2-4'	8/12/98	**Benzo(a)pyrene**	**4**	ppm	1.3	100	**0.66**	0.66
E38133-15	PP20	2-4'	8/12/98	**Benzo(b)fluoranthene**	**3**	ppm	1.3	500	**0.9**	4
E38133-15	PP20	2-4'	8/12/98	*Benzo(g,h,i)perylene*	*3*	ppm	1.3	NA	*NA*	NA
E38133-15	PP20	2-4'	8/12/98	*Benzo(k)fluoranthene*	*3*	ppm	1.3	NA	*NA*	NA
E38133-15	PP20	2-4'	8/12/98	Bromodichloromethane	<MDL	ppm	1	1	11	46
E38133-15	PP20	2-4'	8/12/98	Bromoform	<MDL	ppm	1	1	86	370
E38133-15	PP20	2-4'	8/12/98	Bromomethane	<MDL	ppm	1	1	79	1000
E38133-15	PP20	2-4'	8/12/98	*Carbon dioxide*	*3*	ppm	N/A	N/A	*N/A*	N/A
E38133-15	PP20	2-4'	8/12/98	Carbon tetrachloride	<MDL	ppm	1	1	2	4
E38133-15	PP20	2-4'	8/12/98	Chlorobenzene	<MDL	ppm	1	1	37	680
E38133-15	PP20	2-4'	8/12/98	Chloroethane	<MDL	ppm	1	NA	NA	NA
E38133-15	PP20	2-4'	8/12/98	Chloroform	<MDL	ppm	1	1	19	28
E38133-15	PP20	2-4'	8/12/98	Chloromethane	<MDL	ppm	1	10	520	1000
E38133-15	PP20	2-4'	8/12/98	*Chrysene*	*4*	ppm	1.3	500	*9*	40
E38133-15	PP20	2-4'	8/12/98	cis-1,2-Dichloroethene	<MDL	ppm	1	1	79	1000
E38133-15	PP20	2-4'	8/12/98	cis-1,3-Dichloropropene	<MDL	ppm	1	1	4	5
E38133-15	PP20	2-4'	8/12/98	**Dibenzo(a,h)anthracene**	**1**	ppm	1.3	100	**0.66**	0.66
E38133-15	PP20	2-4'	8/12/98	Dibromochloromethane	<MDL	ppm	1	1	110	1000
E38133-15	PP20	2-4'	8/12/98	Dichlorodifluoromethane	<MDL	ppm	1	NA	NA	NA
E38133-15	PP20	2-4'	8/12/98	Ethylbenzene	<MDL	ppm	1	100	1,000	1,000
E38133-15	PP20	2-4'	8/12/98	*Fluoranthene*	*2*	ppm	1.3	100	*2,300*	10000
E38133-15	PP20	2-4'	8/12/98	Fluorene	<MDL	ppm	1.3	100	2,300	10000
E38133-15	PP20	2-4'	8/12/98	Indeno(1,2,3-cd)pyrene	<MDL	ppm	1.3	500	0.9	4
E38133-15	PP20	2-4'	8/12/98	Methylene chloride	<MDL	ppm	1	1	49	210
E38133-15	PP20	2-4'	8/12/98	Naphthalene	<MDL	ppm	1.3	100	230	4,200
E38133-15	PP20	2-4'	8/12/98	Phenanthrene	<MDL	ppm	1.3	NA	NA	NA
E38133-15	PP20	2-4'	8/12/98	*Pyrene*	*3*	ppm	1.3	100	*1,700*	10000
E38133-15	PP20	2-4'	8/12/98	Solids, Percent	64.6	%	N/A	N/A	N/A	N/A
E38133-15	PP20	2-4'	8/12/98	Tetrachloroethene	<MDL	ppm	1	1	4	6
E38133-15	PP20	2-4'	8/12/98	Toluene	<MDL	ppm	1	500	1000	1000
E38133-15	PP20	2-4'	8/12/98	Total TIC, Volatile	<MDL	ppm	N/A	1000	1000	1000
E38133-15	PP20	2-4'	8/12/98	trans-1,2-Dichloroethene	<MDL	ppm	1	50	1000	1000
E38133-15	PP20	2-4'	8/12/98	trans-1,3-Dichloropropene	<MDL	ppm	1	1	4	5
E38133-15	PP20	2-4'	8/12/98	Trichloroethene	<MDL	ppm	1	1	23	54
E38133-15	PP20	2-4'	8/12/98	Trichlorofluoromethane	<MDL	ppm	1	NA	NA	NA
E38133-15	PP20	2-4'	8/12/98	Vinyl chloride	<MDL	ppm	1	10	2	7
E38133-15	PP20	2-4'	8/12/98	Xylene (total)	<MDL	ppm	1	10	410	1000
E38133-16	PP21	0-2'	8/12/98	1,1,1-Trichloroethane	<MDL	ppm	0.71	50	210	1000
E38133-16	PP21	0-2'	8/12/98	1,1,2,2-Tetrachloroethane	<MDL	ppm	0.71	1	34	70
E38133-16	PP21	0-2'	8/12/98	1,1,2-Trichloroethane	<MDL	ppm	0.71	1	22	420
E38133-16	PP21	0-2'	8/12/98	1,1-Dichloroethane	<MDL	ppm	0.71	10	570	1000
E38133-16	PP21	0-2'	8/12/98	1,1-Dichloroethene	<MDL	ppm	0.71	10	8	150
E38133-16	PP21	0-2'	8/12/98	1,2-Dichlorobenzene	<MDL	ppm	0.71	50	5100	10000
E38133-16	PP21	0-2'	8/12/98	1,2-Dichloroethane	<MDL	ppm	0.71	1	6	24
E38133-16	PP21	0-2'	8/12/98	1,2-Dichloropropane	<MDL	ppm	0.71	NA	10	43
E38133-16	PP21	0-2'	8/12/98	1,3-Dichlorobenzene	<MDL	ppm	0.71	100	5100	10000
E38133-16	PP21	0-2'	8/12/98	1,4-Dichlorobenzene	<MDL	ppm	0.71	100	570	10000
E38133-16	PP21	0-2'	8/12/98	2-Chloroethyl vinyl ether	<MDL	ppm	2.8	NA	NA	NA
E38133-16	PP21	0-2'	8/12/98	Acenaphthene	<MDL	ppm	0.38	100	3,400	10000
E38133-16	PP21	0-2'	8/12/98	Acenaphthylene	<MDL	ppm	0.38	NA	NA	NA
E38133-16	PP21	0-2'	8/12/98	Acrolein	<MDL	ppm	14	NA	NA	NA
E38133-16	PP21	0-2'	8/12/98	Acrylonitrile	<MDL	ppm	14	1	1	5
E38133-16	PP21	0-2'	8/12/98	*Anthracene*	*1*	ppm	0.38	100	*10000*	10000
E38133-16	PP21	0-2'	8/12/98	*Benzene*	*1*	ppm	0.71	1	*3*	13

TABLE 1. NEWARK DELANCY TERMINAL SOIL DELINEATION ANALYTICAL RESULTS, AUGUST 1998

LABORATORY SAMPLE NO.	SAMPLE LOCATION	INTERVAL SAMPLED (ft)	DATE SAMPLED	CONSTITUENT	CONC.	UNITS	LAB MDL	IGSCC	RDCSCC	NDCSCC
E38133-16	PP21	0-2'	8/12/98	**Benzo(a)anthracene**	**4**	ppm	0.38	500	**0.9**	4
E38133-16	PP21	0-2'	8/12/98	**Benzo(a)pyrene**	**4**	ppm	0.38	100	**0.66**	0.66
E38133-16	PP21	0-2'	8/12/98	**Benzo(b)fluoranthene**	**4**	ppm	0.38	500	**0.9**	4
E38133-16	PP21	0-2'	8/12/98	*Benzo(g,h,i)perylene*	*3*	ppm	0.38	NA	*NA*	NA
E38133-16	PP21	0-2'	8/12/98	*Benzo(k)fluoranthene*	*2*	ppm	0.38	NA	*NA*	NA
E38133-16	PP21	0-2'	8/12/98	Bromodichloromethane	<MDL	ppm	0.71	1	11	46
E38133-16	PP21	0-2'	8/12/98	Bromoform	<MDL	ppm	0.71	1	86	370
E38133-16	PP21	0-2'	8/12/98	Bromomethane	<MDL	ppm	0.71	1	79	1000
E38133-16	PP21	0-2'	8/12/98	*Carbon dioxide*	*2*	ppm	N/A	N/A	*N/A*	N/A
E38133-16	PP21	0-2'	8/12/98	Carbon tetrachloride	<MDL	ppm	0.71	1	2	4
E38133-16	PP21	0-2'	8/12/98	Chlorobenzene	<MDL	ppm	0.71	1	37	680
E38133-16	PP21	0-2'	8/12/98	Chloroethane	<MDL	ppm	0.71	NA	NA	NA
E38133-16	PP21	0-2'	8/12/98	Chloroform	<MDL	ppm	0.71	1	19	28
E38133-16	PP21	0-2'	8/12/98	Chloromethane	<MDL	ppm	0.71	10	520	1000
E38133-16	PP21	0-2'	8/12/98	*Chrysene*	*4*	ppm	0.38	500	*9*	40
E38133-16	PP21	0-2'	8/12/98	cis-1,2-Dichloroethene	<MDL	ppm	0.71	1	79	1000
E38133-16	PP21	0-2'	8/12/98	cis-1,3-Dichloropropene	<MDL	ppm	0.71	1	4	5
E38133-16	PP21	0-2'	8/12/98	**Dibenzo(a,h)anthracene**	**1**	ppm	0.38	100	**0.66**	0.66
E38133-16	PP21	0-2'	8/12/98	Dibromochloromethane	<MDL	ppm	0.71	1	110	10000
E38133-16	PP21	0-2'	8/12/98	Dichlorodifluoromethane	<MDL	ppm	0.71	NA	NA	NA
E38133-16	PP21	0-2'	8/12/98	Ethylbenzene	<MDL	ppm	0.71	100	1,000	1,000
E38133-16	PP21	0-2'	8/12/98	*Fluoranthene*	*6*	ppm	0.38	100	*2,300*	10000
E38133-16	PP21	0-2'	8/12/98	Fluorene	<MDL	ppm	0.38	100	2,300	10000
E38133-16	PP21	0-2'	8/12/98	**Indeno(1,2,3-cd)pyrene**	**3**	ppm	0.38	500	**0.9**	4
E38133-16	PP21	0-2'	8/12/98	Methylene chloride	<MDL	ppm	0.71	1	49	210
E38133-16	PP21	0-2'	8/12/98	Naphthalene	<MDL	ppm	0.38	100	230	4,200
E38133-16	PP21	0-2'	8/12/98	*Phenanthrene*	*3*	ppm	0.38	NA	*NA*	NA
E38133-16	PP21	0-2'	8/12/98	*Pyrene*	*6*	ppm	0.38	100	*1,700*	10000
E38133-16	PP21	0-2'	8/12/98	Solids, Percent	87.4	%	N/A	N/A	N/A	N/A
E38133-16	PP21	0-2'	8/12/98	Tetrachloroethene	<MDL	ppm	0.71	1	4	6
E38133-16	PP21	0-2'	8/12/98	*Toluene*	*2*	ppm	0.71	500	*1000*	1000
E38133-16	PP21	0-2'	8/12/98	Total TIC, Volatile	<MDL	ppm	N/A	1000	1000	1000
E38133-16	PP21	0-2'	8/12/98	trans-1,2-Dichloroethene	<MDL	ppm	0.71	50	1000	1000
E38133-16	PP21	0-2'	8/12/98	trans-1,3-Dichloropropene	<MDL	ppm	0.71	1	4	5
E38133-16	PP21	0-2'	8/12/98	Trichloroethene	<MDL	ppm	0.71	1	23	54
E38133-16	PP21	0-2'	8/12/98	Trichlorofluoromethane	<MDL	ppm	0.71	NA	NA	NA
E38133-16	PP21	0-2'	8/12/98	Vinyl chloride	<MDL	ppm	0.71	10	2	7
E38133-16	PP21	0-2'	8/12/98	*Xylene (total)*	*1*	ppm	0.71	10	*410*	1000
E38133-17	PP21	2-4'	8/12/98	1,1,1-Trichloroethane	<MDL	ppm	0.92	50	210	1000
E38133-17	PP21	2-4'	8/12/98	1,1,2,2-Tetrachloroethane	<MDL	ppm	0.92	1	34	70
E38133-17	PP21	2-4'	8/12/98	1,1,2-Trichloroethane	<MDL	ppm	0.92	1	22	420
E38133-17	PP21	2-4'	8/12/98	1,1-Dichloroethane	<MDL	ppm	0.92	10	570	1000
E38133-17	PP21	2-4'	8/12/98	1,1-Dichloroethene	<MDL	ppm	0.92	10	8	150
E38133-17	PP21	2-4'	8/12/98	1,2-Dichlorobenzene	<MDL	ppm	0.92	50	5100	10000
E38133-17	PP21	2-4'	8/12/98	1,2-Dichloroethane	<MDL	ppm	0.92	1	6	24
E38133-17	PP21	2-4'	8/12/98	1,2-Dichloropropane	<MDL	ppm	0.92	NA	10	43
E38133-17	PP21	2-4'	8/12/98	1,3-Dichlorobenzene	<MDL	ppm	0.92	100	5100	10000
E38133-17	PP21	2-4'	8/12/98	1,4-Dichlorobenzene	<MDL	ppm	0.92	100	570	10000
E38133-17	PP21	2-4'	8/12/98	2-Chloroethyl vinyl ether	<MDL	ppm	3.7	NA	NA	NA
E38133-17	PP21	2-4'	8/12/98	Acenaphthene	<MDL	ppm	0.47	100	3,400	10000
E38133-17	PP21	2-4'	8/12/98	Acenaphthylene	<MDL	ppm	0.47	NA	NA	NA
E38133-17	PP21	2-4'	8/12/98	Acrolein	<MDL	ppm	18	NA	NA	NA
E38133-17	PP21	2-4'	8/12/98	Acrylonitrile	<MDL	ppm	18	1	1	5
E38133-17	PP21	2-4'	8/12/98	Anthracene	<MDL	ppm	0.47	100	10000	10000
E38133-17	PP21	2-4'	8/12/98	Benzene	<MDL	ppm	0.92	1	3	13
E38133-17	PP21	2-4'	8/12/98	Benzo(a)anthracene	<MDL	ppm	0.47	500	0.9	4
E38133-17	PP21	2-4'	8/12/98	**Benzo(a)pyrene**	**1**	ppm	0.47	100	**0.66**	0.66
E38133-17	PP21	2-4'	8/12/98	**Benzo(b)fluoranthene**	**1**	ppm	0.47	500	**0.9**	4
E38133-17	PP21	2-4'	8/12/98	*Benzo(g,h,i)perylene*	*1*	ppm	0.47	NA	*NA*	NA
E38133-17	PP21	2-4'	8/12/98	*Benzo(k)fluoranthene*	*1*	ppm	0.47	NA	*NA*	NA

TABLE 1. NEWARK DELANCY TERMINAL SOIL DELINEATION ANALYTICAL RESULTS, AUGUST 1998

LABORATORY SAMPLE NO.	SAMPLE LOCATION	INTERVAL SAMPLED (ft)	DATE SAMPLED	CONSTITUENT	CONC.	UNITS	LAB MDL	IGSCC	RDCSCC	NDCSCC
E38133-17	PP21	2-4'	8/12/98	Bromodichloromethane	<MDL	ppm	0.92	1	11	46
E38133-17	PP21	2-4'	8/12/98	Bromoform	<MDL	ppm	0.92	1	86	370
E38133-17	PP21	2-4'	8/12/98	Bromomethane	<MDL	ppm	0.92	1	79	1000
E38133-17	PP21	2-4'	8/12/98	*Carbon dioxide*	*2*	ppm	N/A	N/A	*N/A*	N/A
E38133-17	PP21	2-4'	8/12/98	Carbon tetrachloride	<MDL	ppm	0.92	1	2	4
E38133-17	PP21	2-4'	8/12/98	Chlorobenzene	<MDL	ppm	0.92	1	37	680
E38133-17	PP21	2-4'	8/12/98	Chloroethane	<MDL	ppm	0.92	NA	NA	NA
E38133-17	PP21	2-4'	8/12/98	Chloroform	<MDL	ppm	0.92	1	19	28
E38133-17	PP21	2-4'	8/12/98	Chloromethane	<MDL	ppm	0.92	10	520	1000
E38133-17	PP21	2-4'	8/12/98	*Chrysene*	*1*	ppm	0.47	500	9	40
E38133-17	PP21	2-4'	8/12/98	cis-1,2-Dichloroethene	<MDL	ppm	0.92	1	79	1000
E38133-17	PP21	2-4'	8/12/98	cis-1,3-Dichloropropene	<MDL	ppm	0.92	1	4	5
E38133-17	PP21	2-4'	8/12/98	column bleed	1	ppm	N/A	N/A	N/A	N/A
E38133-17	PP21	2-4'	8/12/98	Dibenzo(a,h)anthracene	<MDL	ppm	0.47	100	0.66	0.66
E38133-17	PP21	2-4'	8/12/98	Dibromochloromethane	<MDL	ppm	0.92	1	110	1000
E38133-17	PP21	2-4'	8/12/98	Dichlorodifluoromethane	<MDL	ppm	0.92	NA	NA	NA
E38133-17	PP21	2-4'	8/12/98	Ethylbenzene	<MDL	ppm	0.92	100	1,000	1,000
E38133-17	PP21	2-4'	8/12/98	*Fluoranthene*	*1*	ppm	0.47	100	*2,300*	10000
E38133-17	PP21	2-4'	8/12/98	Fluorene	<MDL	ppm	0.47	100	2,300	10000
E38133-17	PP21	2-4'	8/12/98	**Indeno(1,2,3-cd)pyrene**	**1**	ppm	0.47	500	**0.9**	4
E38133-17	PP21	2-4'	8/12/98	Methylene chloride	<MDL	ppm	0.92	1	49	210
E38133-17	PP21	2-4'	8/12/98	Naphthalene	<MDL	ppm	0.47	100	230	4,200
E38133-17	PP21	2-4'	8/12/98	*Phenanthrene*	*1*	ppm	0.47	NA	*NA*	NA
E38133-17	PP21	2-4'	8/12/98	*Pyrene*	*1*	ppm	0.47	100	*1,700*	10000
E38133-17	PP21	2-4'	8/12/98	Solids, Percent	70.3	%	N/A	N/A	N/A	N/A
E38133-17	PP21	2-4'	8/12/98	Tetrachloroethene	<MDL	ppm	0.92	1	4	6
E38133-17	PP21	2-4'	8/12/98	Toluene	<MDL	ppm	0.92	500	1000	1000
E38133-17	PP21	2-4'	8/12/98	*Total TIC, Volatile*	*2*	ppm	N/A	1000	*1000*	1000
E38133-17	PP21	2-4'	8/12/98	trans-1,2-Dichloroethene	<MDL	ppm	0.92	50	1000	1000
E38133-17	PP21	2-4'	8/12/98	trans-1,3-Dichloropropene	<MDL	ppm	0.92	1	4	5
E38133-17	PP21	2-4'	8/12/98	Trichloroethene	<MDL	ppm	0.92	1	23	54
E38133-17	PP21	2-4'	8/12/98	Trichlorofluoromethane	<MDL	ppm	0.92	NA	NA	NA
E38133-17	PP21	2-4'	8/12/98	unknown	1	ppm	N/A	N/A	N/A	N/A
E38133-17	PP21	2-4'	8/12/98	Vinyl chloride	<MDL	ppm	0.92	10	2	7
E38133-17	PP21	2-4'	8/12/98	Xylene (total)	<MDL	ppm	0.92	10	410	1000
E38132-6	ST19	0-2'	8/11/98	Acenaphthene	<MDL	ppm	0.19	100	3,400	10000
E38132-6	ST19	0-2'	8/11/98	Acenaphthylene	<MDL	ppm	0.19	NA	NA	NA
E38132-6	ST19	0-2'	8/11/98	Anthracene	<MDL	ppm	0.19	100	10000	10000
E38132-6	ST19	0-2'	8/11/98	Benzo(a)anthracene	<MDL	ppm	0.19	500	0.9	4
E38132-6	ST19	0-2'	8/11/98	Benzo(a)pyrene	<MDL	ppm	0.19	100	0.66	0.66
E38132-6	ST19	0-2'	8/11/98	Benzo(b)fluoranthene	<MDL	ppm	0.19	500	0.9	4
E38132-6	ST19	0-2'	8/11/98	Benzo(g,h,i)perylene	<MDL	ppm	0.19	NA	NA	NA
E38132-6	ST19	0-2'	8/11/98	Benzo(k)fluoranthene	<MDL	ppm	0.19	NA	NA	NA
E38132-6	ST19	0-2'	8/11/98	Chrysene	<MDL	ppm	0.19	500	9	40
E38132-6	ST19	0-2'	8/11/98	Dibenzo(a,h)anthracene	<MDL	ppm	0.19	100	0.66	0.66
E38132-6	ST19	0-2'	8/11/98	Fluoranthene	<MDL	ppm	0.19	100	2,300	10000
E38132-6	ST19	0-2'	8/11/98	Fluorene	<MDL	ppm	0.19	100	2,300	10000
E38132-6	ST19	0-2'	8/11/98	Indeno(1,2,3-cd)pyrene	<MDL	ppm	0.19	500	0.9	4
E38132-6	ST19	0-2'	8/11/98	Naphthalene	<MDL	ppm	0.19	100	230	4,200
E38132-6	ST19	0-2'	8/11/98	Phenanthrene	<MDL	ppm	0.19	NA	NA	NA
E38132-6	ST19	0-2'	8/11/98	Pyrene	<MDL	ppm	0.19	100	1,700	10000
E38132-6	ST19	0-2'	8/11/98	Solids, Percent	87.6	%	N/A	NA	NA	NA
E38132-7	ST19	2-4'	8/11/98	Acenaphthene	<MDL	ppm	0.18	100	3,400	10000
E38132-7	ST19	2-4'	8/11/98	Acenaphthylene	<MDL	ppm	0.18	NA	NA	NA
E38132-7	ST19	2-4'	8/11/98	Anthracene	<MDL	ppm	0.18	100	10000	10000
E38132-7	ST19	2-4'	8/11/98	Benzo(a)anthracene	<MDL	ppm	0.18	500	0.9	4
E38132-7	ST19	2-4'	8/11/98	Benzo(a)pyrene	<MDL	ppm	0.18	100	0.66	0.66
E38132-7	ST19	2-4'	8/11/98	Benzo(b)fluoranthene	<MDL	ppm	0.18	500	0.9	4
E38132-7	ST19	2-4'	8/11/98	Benzo(g,h,i)perylene	<MDL	ppm	0.18	NA	NA	NA

TABLE 1. NEWARK DELANCY TERMINAL SOIL DELINEATION ANALYTICAL RESULTS, AUGUST 1998

LABORATORY SAMPLE NO.	SAMPLE LOCATION	INTERVAL SAMPLED (ft)	DATE SAMPLED	CONSTITUENT	CONC.	UNITS	LAB MDL	IGSCC	RDCSCC	NDCSCC
E38132-7	ST19	2-4'	8/11/98	Benzo(k)fluoranthene	<MDL	ppm	0.18	NA	NA	NA
E38132-7	ST19	2-4'	8/11/98	Chrysene	<MDL	ppm	0.18	500	9	40
E38132-7	ST19	2-4'	8/11/98	Dibenzo(a,h)anthracene	<MDL	ppm	0.18	100	0.66	0.66
E38132-7	ST19	2-4'	8/11/98	Fluoranthene	<MDL	ppm	0.18	100	2,300	10000
E38132-7	ST19	2-4'	8/11/98	Fluorene	<MDL	ppm	0.18	100	2,300	10000
E38132-7	ST19	2-4'	8/11/98	Indeno(1,2,3-cd)pyrene	<MDL	ppm	0.18	500	0.9	4
E38132-7	ST19	2-4'	8/11/98	Naphthalene	<MDL	ppm	0.18	100	230	4,200
E38132-7	ST19	2-4'	8/11/98	Phenanthrene	<MDL	ppm	0.18	NA	NA	NA
E38132-7	ST19	2-4'	8/11/98	Pyrene	<MDL	ppm	0.18	100	1,700	10000
E38132-7	ST19	2-4'	8/11/98	Solids, Percent	89.8	%	N/A	NA	NA	NA
E38132-8	ST20	0-2'	8/11/98	Acenaphthene	<MDL	ppm	0.41	100	3,400	10000
E38132-8	ST20	0-2'	8/11/98	Acenaphthylene	<MDL	ppm	0.41	NA	NA	NA
E38132-8	ST20	0-2'	8/11/98	Anthracene	<MDL	ppm	0.41	100	10000	10000
E38132-8	ST20	0-2'	8/11/98	**Benzo(a)anthracene**	**1**	ppm	0.41	500	**0.9**	4
E38132-8	ST20	0-2'	8/11/98	**Benzo(a)pyrene**	**1**	ppm	0.41	100	**0.66**	0.66
E38132-8	ST20	0-2'	8/11/98	**Benzo(b)fluoranthene**	**1**	ppm	0.41	500	**0.9**	4
E38132-8	ST20	0-2'	8/11/98	*Benzo(g,h,i)perylene*	*1*	ppm	0.41	NA	*NA*	NA
E38132-8	ST20	0-2'	8/11/98	*Benzo(k)fluoranthene*	*1*	ppm	0.41	NA	*NA*	NA
E38132-8	ST20	0-2'	8/11/98	*Chrysene*	*1*	ppm	0.41	500	*9*	40
E38132-8	ST20	0-2'	8/11/98	Dibenzo(a,h)anthracene	<MDL	ppm	0.41	100	0.66	0.66
E38132-8	ST20	0-2'	8/11/98	*Fluoranthene*	*2*	ppm	0.41	100	*2,300*	10000
E38132-8	ST20	0-2'	8/11/98	Fluorene	<MDL	ppm	0.41	100	2,300	10000
E38132-8	ST20	0-2'	8/11/98	Indeno(1,2,3-cd)pyrene	<MDL	ppm	0.41	500	0.9	4
E38132-8	ST20	0-2'	8/11/98	Naphthalene	<MDL	ppm	0.41	100	230	4,200
E38132-8	ST20	0-2'	8/11/98	*Phenanthrene*	*1*	ppm	0.41	NA	*NA*	NA
E38132-8	ST20	0-2'	8/11/98	*Pyrene*	*2*	ppm	0.41	100	*1,700*	10000
E38132-8	ST20	0-2'	8/11/98	Solids, Percent	80	%	N/A	NA	NA	NA
E38132-9	ST20	2-4'	8/11/98	Acenaphthene	<MDL	ppm	0.19	100	3,400	10000
E38132-9	ST20	2-4'	8/11/98	Acenaphthylene	<MDL	ppm	0.19	NA	NA	NA
E38132-9	ST20	2-4'	8/11/98	Anthracene	<MDL	ppm	0.19	100	10000	10000
E38132-9	ST20	2-4'	8/11/98	Benzo(a)anthracene	<MDL	ppm	0.19	500	0.9	4
E38132-9	ST20	2-4'	8/11/98	Benzo(a)pyrene	<MDL	ppm	0.19	100	0.66	0.66
E38132-9	ST20	2-4'	8/11/98	Benzo(b)fluoranthene	<MDL	ppm	0.19	500	0.9	4
E38132-9	ST20	2-4'	8/11/98	Benzo(g,h,i)perylene	<MDL	ppm	0.19	NA	NA	NA
E38132-9	ST20	2-4'	8/11/98	Benzo(k)fluoranthene	<MDL	ppm	0.19	NA	NA	NA
E38132-9	ST20	2-4'	8/11/98	Chrysene	<MDL	ppm	0.19	500	9	40
E38132-9	ST20	2-4'	8/11/98	Dibenzo(a,h)anthracene	<MDL	ppm	0.19	100	0.66	0.66
E38132-9	ST20	2-4'	8/11/98	Fluoranthene	<MDL	ppm	0.19	100	2,300	10000
E38132-9	ST20	2-4'	8/11/98	Fluorene	<MDL	ppm	0.19	100	2,300	10000
E38132-9	ST20	2-4'	8/11/98	Indeno(1,2,3-cd)pyrene	<MDL	ppm	0.19	500	0.9	4
E38132-9	ST20	2-4'	8/11/98	Naphthalene	<MDL	ppm	0.19	100	230	4,200
E38132-9	ST20	2-4'	8/11/98	Phenanthrene	<MDL	ppm	0.19	NA	NA	NA
E38132-9	ST20	2-4'	8/11/98	Pyrene	<MDL	ppm	0.19	100	1,700	10000
E38132-9	ST20	2-4'	8/11/98	Solids, Percent	87.7	%	N/A	NA	NA	NA
E38133-9	ST21	0-2'	8/12/98	1,1,1-Trichloroethane	<MDL	ppm	0.84	50	210	1000
E38133-9	ST21	0-2'	8/12/98	1,1,2,2-Tetrachloroethane	<MDL	ppm	0.84	1	34	70
E38133-9	ST21	0-2'	8/12/98	1,1,2-Trichloroethane	<MDL	ppm	0.84	1	22	420
E38133-9	ST21	0-2'	8/12/98	1,1-Dichloroethane	<MDL	ppm	0.84	10	570	1000
E38133-9	ST21	0-2'	8/12/98	1,1-Dichloroethene	<MDL	ppm	0.84	10	8	150
E38133-9	ST21	0-2'	8/12/98	1,2-Dichlorobenzene	<MDL	ppm	0.84	50	5100	10000
E38133-9	ST21	0-2'	8/12/98	1,2-Dichloroethane	<MDL	ppm	0.84	1	6	24
E38133-9	ST21	0-2'	8/12/98	1,2-Dichloropropane	<MDL	ppm	0.84	NA	10	43
E38133-9	ST21	0-2'	8/12/98	1,3-Dichlorobenzene	<MDL	ppm	0.84	100	5100	10000
E38133-9	ST21	0-2'	8/12/98	1,4-Dichlorobenzene	<MDL	ppm	0.84	100	570	10000
E38133-9	ST21	0-2'	8/12/98	2-Chloroethyl vinyl ether	<MDL	ppm	3.4	NA	NA	NA
E38133-9	ST21	0-2'	8/12/98	Acenaphthene	<MDL	ppm	0.42	100	3,400	10000
E38133-9	ST21	0-2'	8/12/98	Acenaphthylene	<MDL	ppm	0.42	NA	NA	NA
E38133-9	ST21	0-2'	8/12/98	Acrolein	<MDL	ppm	17	NA	NA	NA

TABLE 1. NEWARK DELANCY TERMINAL SOIL DELINEATION ANALYTICAL RESULTS, AUGUST 1998

LABORATORY SAMPLE NO.	SAMPLE LOCATION	INTERVAL SAMPLED (ft)	DATE SAMPLED	CONSTITUENT	CONC.	UNITS	LAB MDL	IGSCC	RDCSCC	NDCSCC
E38133-9	ST21	0-2'	8/12/98	Acrylonitrile	<MDL	ppm	17	1	1	5
E38133-9	ST21	0-2'	8/12/98	Anthracene	<MDL	ppm	0.42	100	10000	10000
E38133-9	ST21	0-2'	8/12/98	Benzene	<MDL	ppm	0.84	1	3	13
E38133-9	ST21	0-2'	8/12/98	**Benzo(a)anthracene**	**1**	ppm	0.42	500	**0.9**	4
E38133-9	ST21	0-2'	8/12/98	**Benzo(a)pyrene**	**1**	ppm	0.42	100	**0.66**	0.66
E38133-9	ST21	0-2'	8/12/98	**Benzo(b)fluoranthene**	**1**	ppm	0.42	500	**0.9**	4
E38133-9	ST21	0-2'	8/12/98	Benzo(g,h,i)perylene	<MDL	ppm	0.42	NA	NA	NA
E38133-9	ST21	0-2'	8/12/98	*Benzo(k)fluoranthene*	*1*	ppm	0.42	NA	*NA*	NA
E38133-9	ST21	0-2'	8/12/98	Bromodichloromethane	<MDL	ppm	0.84	1	11	46
E38133-9	ST21	0-2'	8/12/98	Bromoform	<MDL	ppm	0.84	1	86	370
E38133-9	ST21	0-2'	8/12/98	Bromomethane	<MDL	ppm	0.84	1	79	1000
E38133-9	ST21	0-2'	8/12/98	*Carbon dioxide*	*2*	ppm	N/A	N/A	*N/A*	N/A
E38133-9	ST21	0-2'	8/12/98	Carbon tetrachloride	<MDL	ppm	0.84	1	2	4
E38133-9	ST21	0-2'	8/12/98	Chlorobenzene	<MDL	ppm	0.84	1	37	680
E38133-9	ST21	0-2'	8/12/98	Chloroethane	<MDL	ppm	0.84	NA	NA	NA
E38133-9	ST21	0-2'	8/12/98	Chloroform	<MDL	ppm	0.84	1	19	28
E38133-9	ST21	0-2'	8/12/98	Chloromethane	<MDL	ppm	0.84	10	520	1000
E38133-9	ST21	0-2'	8/12/98	*Chrysene*	*1*	ppm	0.42	500	*9*	40
E38133-9	ST21	0-2'	8/12/98	cis-1,2-Dichloroethene	<MDL	ppm	0.84	1	79	1000
E38133-9	ST21	0-2'	8/12/98	cis-1,3-Dichloropropene	<MDL	ppm	0.84	1	4	5
E38133-9	ST21	0-2'	8/12/98	column bleed	1	ppm	N/A	N/A	N/A	N/A
E38133-9	ST21	0-2'	8/12/98	Dibenzo(a,h)anthracene	<MDL	ppm	0.42	100	0.66	0.66
E38133-9	ST21	0-2'	8/12/98	Dibromochloromethane	<MDL	ppm	0.84	1	110	10000
E38133-9	ST21	0-2'	8/12/98	Dichlorodifluoromethane	<MDL	ppm	0.84	NA	NA	NA
E38133-9	ST21	0-2'	8/12/98	*Dodecane*	*1*	ppm	N/A	N/A	*N/A*	N/A
E38133-9	ST21	0-2'	8/12/98	Ethylbenzene	<MDL	ppm	0.84	100	1,000	1,000
E38133-9	ST21	0-2'	8/12/98	*Fluoranthene*	*1*	ppm	0.42	100	*2,300*	10000
E38133-9	ST21	0-2'	8/12/98	Fluorene	<MDL	ppm	0.42	100	2,300	10000
E38133-9	ST21	0-2'	8/12/98	Indeno(1,2,3-cd)pyrene	<MDL	ppm	0.42	500	0.9	4
E38133-9	ST21	0-2'	8/12/98	Methylene chloride	<MDL	ppm	0.84	1	49	210
E38133-9	ST21	0-2'	8/12/98	Naphthalene	<MDL	ppm	0.42	100	230	4,200
E38133-9	ST21	0-2'	8/12/98	Phenanthrene	<MDL	ppm	0.42	NA	NA	NA
E38133-9	ST21	0-2'	8/12/98	*Pyrene*	*1*	ppm	0.42	100	*1,700*	10000
E38133-9	ST21	0-2'	8/12/98	Solids, Percent	79.6	%	N/A	N/A	N/A	N/A
E38133-9	ST21	0-2'	8/12/98	Tetrachloroethene	<MDL	ppm	0.84	1	4	6
E38133-9	ST21	0-2'	8/12/98	Toluene	<MDL	ppm	0.84	500	1000	1000
E38133-9	ST21	0-2'	8/12/98	*Total TIC, Volatile*	*4*	ppm	N/A	1000	*1000*	1000
E38133-9	ST21	0-2'	8/12/98	trans-1,2-Dichloroethene	<MDL	ppm	0.84	50	1000	1000
E38133-9	ST21	0-2'	8/12/98	trans-1,3-Dichloropropene	<MDL	ppm	0.84	1	4	5
E38133-9	ST21	0-2'	8/12/98	Trichloroethene	<MDL	ppm	0.84	1	23	54
E38133-9	ST21	0-2'	8/12/98	Trichlorofluoromethane	<MDL	ppm	0.84	NA	NA	NA
E38133-9	ST21	0-2'	8/12/98	*Trimethylbenzene*	*1*	ppm	N/A	N/A	*N/A*	N/A
E38133-9	ST21	0-2'	8/12/98	*Undecane*	*1*	ppm	N/A	N/A	*N/A*	N/A
E38133-9	ST21	0-2'	8/12/98	Vinyl chloride	<MDL	ppm	0.84	10	2	7
E38133-9	ST21	0-2'	8/12/98	Xylene (total)	<MDL	ppm	0.84	10	410	1000
E38133-10	ST21	2-4'	8/12/98	1,1,1-Trichloroethane	<MDL	ppm	0.76	50	210	1000
E38133-10	ST21	2-4'	8/12/98	1,1,2,2-Tetrachloroethane	<MDL	ppm	0.76	1	34	70
E38133-10	ST21	2-4'	8/12/98	1,1,2-Trichloroethane	<MDL	ppm	0.76	1	22	420
E38133-10	ST21	2-4'	8/12/98	1,1-Dichloroethane	<MDL	ppm	0.76	10	570	1000
E38133-10	ST21	2-4'	8/12/98	1,1-Dichloroethene	<MDL	ppm	0.76	10	8	150
E38133-10	ST21	2-4'	8/12/98	1,2-Dichlorobenzene	<MDL	ppm	0.76	50	5100	10000
E38133-10	ST21	2-4'	8/12/98	1,2-Dichloroethane	<MDL	ppm	0.76	1	6	24
E38133-10	ST21	2-4'	8/12/98	1,2-Dichloropropane	<MDL	ppm	0.76	NA	10	43
E38133-10	ST21	2-4'	8/12/98	1,3-Dichlorobenzene	<MDL	ppm	0.76	100	5100	10000
E38133-10	ST21	2-4'	8/12/98	1,4-Dichlorobenzene	<MDL	ppm	0.76	100	570	10000
E38133-10	ST21	2-4'	8/12/98	2-Chloroethyl vinyl ether	<MDL	ppm	3	NA	NA	NA
E38133-10	ST21	2-4'	8/12/98	Acenaphthene	<MDL	ppm	0.2	100	3,400	10000
E38133-10	ST21	2-4'	8/12/98	Acenaphthylene	<MDL	ppm	0.2	NA	NA	NA
E38133-10	ST21	2-4'	8/12/98	Acrolein	<MDL	ppm	15	NA	NA	NA
E38133-10	ST21	2-4'	8/12/98	Acrylonitrile	<MDL	ppm	15	1	1	5

TABLE 1. NEWARK DELANCY TERMINAL SOIL DELINEATION ANALYTICAL RESULTS, AUGUST 1998

LABORATORY SAMPLE NO.	SAMPLE LOCATION	INTERVAL SAMPLED (ft)	DATE SAMPLED	CONSTITUENT	CONC.	UNITS	LAB MDL	IGSCC	RDCSCC	NDCSCC
E38133-10	ST21	2-4'	8/12/98	Anthracene	<MDL	ppm	0.2	100	10000	10000
E38133-10	ST21	2-4'	8/12/98	Benzene	<MDL	ppm	0.76	1	3	13
E38133-10	ST21	2-4'	8/12/98	**Benzo(a)anthracene**	**1**	ppm	0.2	500	**0.9**	4
E38133-10	ST21	2-4'	8/12/98	**Benzo(a)pyrene**	**1**	ppm	0.2	100	**0.66**	0.66
E38133-10	ST21	2-4'	8/12/98	**Benzo(b)fluoranthene**	**1**	ppm	0.2	500	**0.9**	4
E38133-10	ST21	2-4'	8/12/98	Benzo(g,h,i)perylene	<MDL	ppm	0.2	NA	NA	NA
E38133-10	ST21	2-4'	8/12/98	*Benzo(k)fluoranthene*	*1*	ppm	0.2	NA	*NA*	NA
E38133-10	ST21	2-4'	8/12/98	Bromodichloromethane	<MDL	ppm	0.76	1	11	46
E38133-10	ST21	2-4'	8/12/98	Bromoform	<MDL	ppm	0.76	1	86	370
E38133-10	ST21	2-4'	8/12/98	Bromomethane	<MDL	ppm	0.76	1	79	1000
E38133-10	ST21	2-4'	8/12/98	Carbon dioxide	2	ppm	N/A	N/A	*N/A*	N/A
E38133-10	ST21	2-4'	8/12/98	Carbon tetrachloride	<MDL	ppm	0.76	1	2	4
E38133-10	ST21	2-4'	8/12/98	Chlorobenzene	<MDL	ppm	0.76	1	37	680
E38133-10	ST21	2-4'	8/12/98	Chloroethane	<MDL	ppm	0.76	NA	NA	NA
E38133-10	ST21	2-4'	8/12/98	Chloroform	<MDL	ppm	0.76	1	19	28
E38133-10	ST21	2-4'	8/12/98	Chloromethane	<MDL	ppm	0.76	10	520	1000
E38133-10	ST21	2-4'	8/12/98	*Chrysene*	*1*	ppm	0.2	500	*9*	40
E38133-10	ST21	2-4'	8/12/98	cis-1,2-Dichloroethene	<MDL	ppm	0.76	1	79	1000
E38133-10	ST21	2-4'	8/12/98	cis-1,3-Dichloropropene	<MDL	ppm	0.76	1	4	5
E38133-10	ST21	2-4'	8/12/98	column bleed	1	ppm	N/A	N/A	N/A	N/A
E38133-10	ST21	2-4'	8/12/98	Dibenzo(a,h)anthracene	0	ppm	0.2	100	0.66	0.66
E38133-10	ST21	2-4'	8/12/98	Dibromochloromethane	<MDL	ppm	0.76	1	110	10000
E38133-10	ST21	2-4'	8/12/98	Dichlorodifluoromethane	<MDL	ppm	0.76	NA	NA	NA
E38133-10	ST21	2-4'	8/12/98	Ethylbenzene	<MDL	ppm	0.76	100	*1,000*	1,000
E38133-10	ST21	2-4'	8/12/98	*Fluoranthene*	*2*	ppm	0.2	100	*2,300*	10000
E38133-10	ST21	2-4'	8/12/98	Fluorene	<MDL	ppm	0.2	100	2,300	10000
E38133-10	ST21	2-4'	8/12/98	Indeno(1,2,3-cd)pyrene	<MDL	ppm	0.2	500	0.9	4
E38133-10	ST21	2-4'	8/12/98	Methylene chloride	<MDL	ppm	0.76	1	49	210
E38133-10	ST21	2-4'	8/12/98	Naphthalene	<MDL	ppm	0.2	100	230	4,200
E38133-10	ST21	2-4'	8/12/98	Phenanthrene	<MDL	ppm	0.2	NA	NA	NA
E38133-10	ST21	2-4'	8/12/98	*Pyrene*	*1*	ppm	0.2	100	*1,700*	10000
E38133-10	ST21	2-4'	8/12/98	Solids, Percent	82.8	%	N/A	N/A	N/A	N/A
E38133-10	ST21	2-4'	8/12/98	Tetrachloroethene	<MDL	ppm	0.76	1	4	6
E38133-10	ST21	2-4'	8/12/98	Toluene	<MDL	ppm	0.76	500	1000	1000
E38133-10	ST21	2-4'	8/12/98	*Total TIC, Volatile*	*11*	ppm	N/A	1000	*1000*	1000
E38133-10	ST21	2-4'	8/12/98	trans-1,2-Dichloroethene	<MDL	ppm	0.76	50	1000	1000
E38133-10	ST21	2-4'	8/12/98	trans-1,3-Dichloropropene	<MDL	ppm	0.76	1	4	5
E38133-10	ST21	2-4'	8/12/98	Trichloroethene	<MDL	ppm	0.76	1	23	54
E38133-10	ST21	2-4'	8/12/98	Trichlorofluoromethane	<MDL	ppm	0.76	NA	NA	NA
E38133-10	ST21	2-4'	8/12/98	*Trimethylbenzene*	*2*	ppm	N/A	N/A	*N/A*	N/A
E38133-10	ST21	2-4'	8/12/98	unknown	1	ppm	N/A	N/A	N/A	N/A
E38133-10	ST21	2-4'	8/12/98	unknown	2	ppm	N/A	N/A	N/A	N/A
E38133-10	ST21	2-4'	8/12/98	unknown	1	ppm	N/A	N/A	N/A	N/A
E38133-10	ST21	2-4'	8/12/98	unknown alkane	1	ppm	N/A	N/A	N/A	N/A
E38133-10	ST21	2-4'	8/12/98	unknown alkane	2	ppm	N/A	N/A	N/A	N/A
E38133-10	ST21	2-4'	8/12/98	unknown alkane	2	ppm	N/A	N/A	N/A	N/A
E38133-10	ST21	2-4'	8/12/98	unknown alkane	1	ppm	N/A	N/A	N/A	N/A
E38133-10	ST21	2-4'	8/12/98	Vinyl chloride	<MDL	ppm	0.76	10	2	7
E38133-10	ST21	2-4'	8/12/98	*Xylene (total)*	*1*	ppm	0.76	10	*410*	1000
E38133-5	ST22	0-2'	8/12/98	1,1,1-Trichloroethane	<MDL	ppm	9.6	50	210	1000
E38133-5	ST22	0-2'	8/12/98	1,1,2,2-Tetrachloroethane	<MDL	ppm	9.6	1	34	70
E38133-5	ST22	0-2'	8/12/98	1,1,2-Trichloroethane	<MDL	ppm	9.6	1	22	420
E38133-5	ST22	0-2'	8/12/98	1,1-Dichloroethane	<MDL	ppm	9.6	10	570	1000
E38133-5	ST22	0-2'	8/12/98	1,1-Dichloroethene	<MDL	ppm	9.6	10	8	150
E38133-5	ST22	0-2'	8/12/98	1,2-Dichlorobenzene	<MDL	ppm	9.6	50	5100	10000
E38133-5	ST22	0-2'	8/12/98	1,2-Dichloroethane	<MDL	ppm	9.6	1	6	24
E38133-5	ST22	0-2'	8/12/98	1,2-Dichloropropane	<MDL	ppm	9.6	NA	10	43
E38133-5	ST22	0-2'	8/12/98	1,3-Dichlorobenzene	<MDL	ppm	9.6	100	5100	10000
E38133-5	ST22	0-2'	8/12/98	1,4-Dichlorobenzene	<MDL	ppm	9.6	100	570	10000
E38133-5	ST22	0-2'	8/12/98	2-Chloroethyl vinyl ether	<MDL	ppm	38	NA	NA	NA

TABLE 1. NEWARK DELANCY TERMINAL SOIL DELINEATION ANALYTICAL RESULTS, AUGUST 1998

LABORATORY SAMPLE NO.	SAMPLE LOCATION	INTERVAL SAMPLED (ft)	DATE SAMPLED	CONSTITUENT	CONC.	UNITS	LAB MDL	IGSCC	RDCSCC	NDCSCC
E38133-5	ST22	0-2'	8/12/98	*Acenaphthene*	*2*	ppm	2.8	100	*3,400*	10000
E38133-5	ST22	0-2'	8/12/98	Acenaphthylene	<MDL	ppm	2.8	NA	NA	NA
E38133-5	ST22	0-2'	8/12/98	Acrolein	<MDL	ppm	190	NA	NA	NA
E38133-5	ST22	0-2'	8/12/98	Acrylonitrile	<MDL	ppm	190	1	1	5
E38133-5	ST22	0-2'	8/12/98	*Anthracene*	*1*	ppm	2.8	100	*10000*	10000
E38133-5	ST22	0-2'	8/12/98	**Benzene**	**28**	ppm	9.6	1	**3**	13
E38133-5	ST22	0-2'	8/12/98	**Benzo(a)anthracene**	**3**	ppm	2.8	500	**0.9**	4
E38133-5	ST22	0-2'	8/12/98	**Benzo(a)pyrene**	**3**	ppm	2.8	100	**0.66**	0.66
E38133-5	ST22	0-2'	8/12/98	**Benzo(b)fluoranthene**	**3**	ppm	2.8	500	**0.9**	4
E38133-5	ST22	0-2'	8/12/98	*Benzo(g,h,i)perylene*	*1*	ppm	2.8	NA	*NA*	NA
E38133-5	ST22	0-2'	8/12/98	*Benzo(k)fluoranthene*	*2*	ppm	2.8	NA	*NA*	NA
E38133-5	ST22	0-2'	8/12/98	Bromodichloromethane	<MDL	ppm	9.6	1	11	46
E38133-5	ST22	0-2'	8/12/98	Bromoform	<MDL	ppm	9.6	1	86	370
E38133-5	ST22	0-2'	8/12/98	Bromomethane	<MDL	ppm	9.6	1	79	1000
E38133-5	ST22	0-2'	8/12/98	Carbon tetrachloride	<MDL	ppm	9.6	1	2	4
E38133-5	ST22	0-2'	8/12/98	Chlorobenzene	<MDL	ppm	9.6	1	37	680
E38133-5	ST22	0-2'	8/12/98	Chloroethane	<MDL	ppm	9.6	NA	NA	NA
E38133-5	ST22	0-2'	8/12/98	Chloroform	<MDL	ppm	9.6	1	19	28
E38133-5	ST22	0-2'	8/12/98	Chloromethane	<MDL	ppm	9.6	10	520	1000
E38133-5	ST22	0-2'	8/12/98	*Chrysene*	*3*	ppm	2.8	500	*9*	40
E38133-5	ST22	0-2'	8/12/98	cis-1,2-Dichloroethene	<MDL	ppm	9.6	1	79	1000
E38133-5	ST22	0-2'	8/12/98	cis-1,3-Dichloropropene	<MDL	ppm	9.6	1	4	5
E38133-5	ST22	0-2'	8/12/98	**Dibenzo(a,h)anthracene**	**1**	ppm	2.8	100	**0.66**	0.66
E38133-5	ST22	0-2'	8/12/98	Dibromochloromethane	<MDL	ppm	9.6	1	110	10000
E38133-5	ST22	0-2'	8/12/98	Dichlorodifluoromethane	<MDL	ppm	9.6	NA	NA	NA
E38133-5	ST22	0-2'	8/12/98	*Ethylbenzene*	*558*	ppm	9.6	100	*1,000*	1,000
E38133-5	ST22	0-2'	8/12/98	*Fluoranthene*	*5*	ppm	2.8	100	*2,300*	10000
E38133-5	ST22	0-2'	8/12/98	*Fluorene*	*3*	ppm	2.8	100	*2,300*	10000
E38133-5	ST22	0-2'	8/12/98	**Indeno(1,2,3-cd)pyrene**	**1**	ppm	2.8	500	**0.9**	4
E38133-5	ST22	0-2'	8/12/98	Methylene chloride	<MDL	ppm	9.6	1	49	210
E38133-5	ST22	0-2'	8/12/98	*Naphthalene*	*155*	ppm	5.6	100	*230*	4,200
E38133-5	ST22	0-2'	8/12/98	*Phenanthrene*	*6*	ppm	2.8	NA	*NA*	NA
E38133-5	ST22	0-2'	8/12/98	*Pyrene*	*4*	ppm	2.8	100	*1,700*	10000
E38133-5	ST22	0-2'	8/12/98	Solids, Percent	58.8	%	N/A	N/A	N/A	N/A
E38133-5	ST22	0-2'	8/12/98	Tetrachloroethene	<MDL	ppm	9.6	1	4	6
E38133-5	ST22	0-2'	8/12/98	*Toluene*	*31*	ppm	9.6	500	*1000*	1000
E38133-5	ST22	0-2'	8/12/98	**Total TIC, Volatile**	**13060**	ppm	N/A	1000	**1000**	1000
E38133-5	ST22	0-2'	8/12/98	trans-1,2-Dichloroethene	<MDL	ppm	9.6	50	1000	1000
E38133-5	ST22	0-2'	8/12/98	trans-1,3-Dichloropropene	<MDL	ppm	9.6	1	4	5
E38133-5	ST22	0-2'	8/12/98	Trichloroethene	<MDL	ppm	9.6	1	23	54
E38133-5	ST22	0-2'	8/12/98	Trichlorofluoromethane	<MDL	ppm	9.6	NA	NA	NA
E38133-5	ST22	0-2'	8/12/98	unknown	650	ppm	N/A	N/A	N/A	N/A
E38133-5	ST22	0-2'	8/12/98	unknown alkane	1900	ppm	N/A	N/A	N/A	N/A
E38133-5	ST22	0-2'	8/12/98	unknown alkane	600	ppm	N/A	N/A	N/A	N/A
E38133-5	ST22	0-2'	8/12/98	unknown alkane	1200	ppm	N/A	N/A	N/A	N/A
E38133-5	ST22	0-2'	8/12/98	unknown alkane	940	ppm	N/A	N/A	N/A	N/A
E38133-5	ST22	0-2'	8/12/98	unknown alkane	1100	ppm	N/A	N/A	N/A	N/A
E38133-5	ST22	0-2'	8/12/98	unknown isomer of C10H12	630	ppm	N/A	N/A	N/A	N/A
E38133-5	ST22	0-2'	8/12/98	unknown isomer of C10H14	760	ppm	N/A	N/A	N/A	N/A
E38133-5	ST22	0-2'	8/12/98	unknown isomer of C10H14	630	ppm	N/A	N/A	N/A	N/A
E38133-5	ST22	0-2'	8/12/98	unknown isomer of C10H14	520	ppm	N/A	N/A	N/A	N/A
E38133-5	ST22	0-2'	8/12/98	unknown isomer of C8H18	920	ppm	N/A	N/A	N/A	N/A
E38133-5	ST22	0-2'	8/12/98	unknown isomer of C9H12	1000	ppm	N/A	N/A	N/A	N/A
E38133-5	ST22	0-2'	8/12/98	unknown isomer of C9H12	570	ppm	N/A	N/A	N/A	N/A
E38133-5	ST22	0-2'	8/12/98	unknown isomer of C9H12	1100	ppm	N/A	N/A	N/A	N/A
E38133-5	ST22	0-2'	8/12/98	unknown isomer of C9H12	540	ppm	N/A	N/A	N/A	N/A
E38133-5	ST22	0-2'	8/12/98	Vinyl chloride	<MDL	ppm	9.6	10	2	7
E38133-5	ST22	0-2'	8/12/98	**Xylene (total)**	**3810**	ppm	38	10	**410**	1000
E38133-7	ST22	2-4'	8/12/98	1,1,1-Trichloroethane	<MDL	ppm	8	50	210	1000
E38133-7	ST22	2-4'	8/12/98	1,1,2,2-Tetrachloroethane	<MDL	ppm	8	1	34	70

TABLE 1. NEWARK DELANCY TERMINAL SOIL DELINEATION ANALYTICAL RESULTS, AUGUST 1998

LABORATORY SAMPLE NO.	SAMPLE LOCATION	INTERVAL SAMPLED (ft)	DATE SAMPLED	CONSTITUENT	CONC.	UNITS	LAB MDL	IGSCC	RDCSCC	NDCSCC
E38133-7	ST22	2-4'	8/12/98	1,1,2-Trichloroethane	<MDL	ppm	8	1	22	420
E38133-7	ST22	2-4'	8/12/98	1,1-Dichloroethane	<MDL	ppm	8	10	570	1000
E38133-7	ST22	2-4'	8/12/98	1,1-Dichloroethene	<MDL	ppm	8	10	8	150
E38133-7	ST22	2-4'	8/12/98	1,2-Dichlorobenzene	<MDL	ppm	8	50	5100	10000
E38133-7	ST22	2-4'	8/12/98	1,2-Dichloroethane	<MDL	ppm	8	1	6	24
E38133-7	ST22	2-4'	8/12/98	1,2-Dichloropropane	<MDL	ppm	8	NA	10	43
E38133-7	ST22	2-4'	8/12/98	1,3-Dichlorobenzene	<MDL	ppm	8	100	5100	10000
E38133-7	ST22	2-4'	8/12/98	1,4-Dichlorobenzene	<MDL	ppm	8	100	570	10000
E38133-7	ST22	2-4'	8/12/98	2-Chloroethyl vinyl ether	<MDL	ppm	32	NA	NA	NA
E38133-7	ST22	2-4'	8/12/98	*Acenaphthene*	*1*	ppm	0.2	100	*3,400*	10000
E38133-7	ST22	2-4'	8/12/98	Acenaphthylene	<MDL	ppm	0.2	NA	NA	NA
E38133-7	ST22	2-4'	8/12/98	Acrolein	<MDL	ppm	160	NA	NA	NA
E38133-7	ST22	2-4'	8/12/98	Acrylonitrile	<MDL	ppm	160	1	1	5
E38133-7	ST22	2-4'	8/12/98	Anthracene	0	ppm	0.2	100	10000	10000
E38133-7	ST22	2-4'	8/12/98	**Benzene**	**12**	ppm	8	1	**3**	13
E38133-7	ST22	2-4'	8/12/98	*Benzene, -ethyl--methyl-*	*300*	ppm	N/A	N/A	*N/A*	N/A
E38133-7	ST22	2-4'	8/12/98	**Benzo(a)anthracene**	**1**	ppm	0.2	500	**0.9**	4
E38133-7	ST22	2-4'	8/12/98	**Benzo(a)pyrene**	**1**	ppm	0.2	100	**0.66**	0.66
E38133-7	ST22	2-4'	8/12/98	**Benzo(b)fluoranthene**	**2**	ppm	0.2	500	**0.9**	4
E38133-7	ST22	2-4'	8/12/98	*Benzo(g,h,i)perylene*	*1*	ppm	0.2	NA	*NA*	NA
E38133-7	ST22	2-4'	8/12/98	*Benzo(k)fluoranthene*	*1*	ppm	0.2	NA	*NA*	NA
E38133-7	ST22	2-4'	8/12/98	Bromodichloromethane	<MDL	ppm	8	1	11	46
E38133-7	ST22	2-4'	8/12/98	Bromoform	<MDL	ppm	8	1	86	370
E38133-7	ST22	2-4'	8/12/98	Bromomethane	<MDL	ppm	8	1	79	1000
E38133-7	ST22	2-4'	8/12/98	Carbon tetrachloride	<MDL	ppm	8	1	2	4
E38133-7	ST22	2-4'	8/12/98	Chlorobenzene	<MDL	ppm	8	1	37	680
E38133-7	ST22	2-4'	8/12/98	Chloroethane	<MDL	ppm	8	NA	NA	NA
E38133-7	ST22	2-4'	8/12/98	Chloroform	<MDL	ppm	8	1	19	28
E38133-7	ST22	2-4'	8/12/98	Chloromethane	<MDL	ppm	8	10	520	1000
E38133-7	ST22	2-4'	8/12/98	*Chrysene*	*1*	ppm	0.2	500	*9*	40
E38133-7	ST22	2-4'	8/12/98	cis-1,2-Dichloroethene	<MDL	ppm	8	1	79	1000
E38133-7	ST22	2-4'	8/12/98	cis-1,3-Dichloropropene	<MDL	ppm	8	1	4	5
E38133-7	ST22	2-4'	8/12/98	Dibenzo(a,h)anthracene	<MDL	ppm	0.2	100	0.66	0.66
E38133-7	ST22	2-4'	8/12/98	Dibromochloromethane	<MDL	ppm	8	1	110	1000
E38133-7	ST22	2-4'	8/12/98	Dichlorodifluoromethane	<MDL	ppm	8	NA	NA	NA
E38133-7	ST22	2-4'	8/12/98	*Ethylbenzene*	*160*	ppm	8	100	*1,000*	1,000
E38133-7	ST22	2-4'	8/12/98	*Fluoranthene*	*2*	ppm	0.2	100	*2,300*	10000
E38133-7	ST22	2-4'	8/12/98	*Fluorene*	*1*	ppm	0.2	100	*2,300*	10000
E38133-7	ST22	2-4'	8/12/98	Indeno(1,2,3-cd)pyrene	<MDL	ppm	0.2	500	0.9	4
E38133-7	ST22	2-4'	8/12/98	Methylene chloride	<MDL	ppm	8	1	49	210
E38133-7	ST22	2-4'	8/12/98	*Naphthalene*	*49*	ppm	4.1	100	*230*	4,200
E38133-7	ST22	2-4'	8/12/98	*Phenanthrene*	*2*	ppm	0.2	NA	*NA*	NA
E38133-7	ST22	2-4'	8/12/98	*Pyrene*	*2*	ppm	0.2	100	*1,700*	10000
E38133-7	ST22	2-4'	8/12/98	Solids, Percent	81.7	%	N/A	N/A	N/A	N/A
E38133-7	ST22	2-4'	8/12/98	Tetrachloroethene	<MDL	ppm	8	1	4	6
E38133-7	ST22	2-4'	8/12/98	*Toluene*	*10*	ppm	8	500	*1000*	1000
E38133-7	ST22	2-4'	8/12/98	**Total TIC, Volatile**	**2247**	ppm	N/A	1000	**1000**	1000
E38133-7	ST22	2-4'	8/12/98	trans-1,2-Dichloroethene	<MDL	ppm	8	50	1000	1000
E38133-7	ST22	2-4'	8/12/98	trans-1,3-Dichloropropene	<MDL	ppm	8	1	4	5
E38133-7	ST22	2-4'	8/12/98	Trichloroethene	<MDL	ppm	8	1	23	54
E38133-7	ST22	2-4'	8/12/98	Trichlorofluoromethane	<MDL	ppm	8	NA	NA	NA
E38133-7	ST22	2-4'	8/12/98	*Trimethylbenzene*	*130*	ppm	N/A	N/A	*N/A*	N/A
E38133-7	ST22	2-4'	8/12/98	unknown	110	ppm	N/A	N/A	N/A	N/A
E38133-7	ST22	2-4'	8/12/98	unknown alkane	170	ppm	N/A	N/A	N/A	N/A
E38133-7	ST22	2-4'	8/12/98	unknown alkane	83	ppm	N/A	N/A	N/A	N/A
E38133-7	ST22	2-4'	8/12/98	unknown alkane	100	ppm	N/A	N/A	N/A	N/A
E38133-7	ST22	2-4'	8/12/98	unknown isomer of C10H12	130	ppm	N/A	N/A	N/A	N/A
E38133-7	ST22	2-4'	8/12/98	unknown isomer of C10H14	180	ppm	N/A	N/A	N/A	N/A
E38133-7	ST22	2-4'	8/12/98	unknown isomer of C10H14	150	ppm	N/A	N/A	N/A	N/A
E38133-7	ST22	2-4'	8/12/98	unknown isomer of C10H14	100	ppm	N/A	N/A	N/A	N/A
E38133-7	ST22	2-4'	8/12/98	unknown isomer of C10H14	120	ppm	N/A	N/A	N/A	N/A

TABLE 1. NEWARK DELANCY TERMINAL SOIL DELINEATION ANALYTICAL RESULTS, AUGUST 1998

LABORATORY SAMPLE NO.	SAMPLE LOCATION	INTERVAL SAMPLED (ft)	DATE SAMPLED	CONSTITUENT	CONC.	UNITS	LAB MDL	IGSCC	RDCSCC	NDCSCC
E38133-7	ST22	2-4'	8/12/98	unknown isomer of C8H18	87	ppm	N/A	N/A	N/A	N/A
E38133-7	ST22	2-4'	8/12/98	unknown isomer of C9H12	97	ppm	N/A	N/A	N/A	N/A
E38133-7	ST22	2-4'	8/12/98	unknown isomer of C9H12	370	ppm	N/A	N/A	N/A	N/A
E38133-7	ST22	2-4'	8/12/98	unknown isomer of C9H12	120	ppm	N/A	N/A	N/A	N/A
E38133-7	ST22	2-4'	8/12/98	Vinyl chloride	<MDL	ppm	8	10	2	7
E38133-7	ST22	2-4'	8/12/98	**Xylene (total)**	**984**	ppm	8	10	**410**	1000
E38133-6	ST23	0-2'	8/12/98	1,1,1-Trichloroethane	<MDL	ppm	6.9	50	210	1000
E38133-6	ST23	0-2'	8/12/98	1,1,2,2-Tetrachloroethane	<MDL	ppm	6.9	1	34	70
E38133-6	ST23	0-2'	8/12/98	1,1,2-Trichloroethane	<MDL	ppm	6.9	1	22	420
E38133-6	ST23	0-2'	8/12/98	1,1-Dichloroethane	<MDL	ppm	6.9	10	570	1000
E38133-6	ST23	0-2'	8/12/98	1,1-Dichloroethene	<MDL	ppm	6.9	10	8	150
E38133-6	ST23	0-2'	8/12/98	1,2-Dichlorobenzene	<MDL	ppm	6.9	50	5100	10000
E38133-6	ST23	0-2'	8/12/98	1,2-Dichloroethane	<MDL	ppm	6.9	1	6	24
E38133-6	ST23	0-2'	8/12/98	1,2-Dichloropropane	<MDL	ppm	6.9	NA	10	43
E38133-6	ST23	0-2'	8/12/98	1,3-Dichlorobenzene	<MDL	ppm	6.9	100	5100	10000
E38133-6	ST23	0-2'	8/12/98	1,4-Dichlorobenzene	<MDL	ppm	6.9	100	570	10000
E38133-6	ST23	0-2'	8/12/98	2-Chloroethyl vinyl ether	<MDL	ppm	28	NA	NA	NA
E38133-6	ST23	0-2'	8/12/98	Acenaphthene	0	ppm	1	100	3,400	10000
E38133-6	ST23	0-2'	8/12/98	Acenaphthylene	0	ppm	1	NA	NA	NA
E38133-6	ST23	0-2'	8/12/98	Acrolein	<MDL	ppm	140	NA	NA	NA
E38133-6	ST23	0-2'	8/12/98	Acrylonitrile	<MDL	ppm	140	1	1	5
E38133-6	ST23	0-2'	8/12/98	Anthracene	0	ppm	1	100	10000	10000
E38133-6	ST23	0-2'	8/12/98	**Benzene**	**24**	ppm	6.9	1	*3*	13
E38133-6	ST23	0-2'	8/12/98	*Benzene, propyl-*	*55*	ppm	N/A	N/A	*N/A*	N/A
E38133-6	ST23	0-2'	8/12/98	**Benzo(a)anthracene**	**3**	ppm	1	500	**0.9**	4
E38133-6	ST23	0-2'	8/12/98	**Benzo(a)pyrene**	**2**	ppm	1	100	**0.66**	0.66
E38133-6	ST23	0-2'	8/12/98	**Benzo(b)fluoranthene**	**2**	ppm	1	500	**0.9**	4
E38133-6	ST23	0-2'	8/12/98	*Benzo(g,h,i)perylene*	*1*	ppm	1	NA	*NA*	NA
E38133-6	ST23	0-2'	8/12/98	*Benzo(k)fluoranthene*	*2*	ppm	1	NA	*NA*	NA
E38133-6	ST23	0-2'	8/12/98	Bromodichloromethane	<MDL	ppm	6.9	1	11	46
E38133-6	ST23	0-2'	8/12/98	Bromoform	<MDL	ppm	6.9	1	86	370
E38133-6	ST23	0-2'	8/12/98	Bromomethane	<MDL	ppm	6.9	1	79	1000
E38133-6	ST23	0-2'	8/12/98	Carbon tetrachloride	<MDL	ppm	6.9	1	2	4
E38133-6	ST23	0-2'	8/12/98	Chlorobenzene	<MDL	ppm	6.9	1	37	680
E38133-6	ST23	0-2'	8/12/98	Chloroethane	<MDL	ppm	6.9	NA	NA	NA
E38133-6	ST23	0-2'	8/12/98	Chloroform	<MDL	ppm	6.9	1	19	28
E38133-6	ST23	0-2'	8/12/98	Chloromethane	<MDL	ppm	6.9	10	520	1000
E38133-6	ST23	0-2'	8/12/98	*Chrysene*	*3*	ppm	1	500	*9*	40
E38133-6	ST23	0-2'	8/12/98	cis-1,2-Dichloroethene	<MDL	ppm	6.9	1	79	1000
E38133-6	ST23	0-2'	8/12/98	cis-1,3-Dichloropropene	<MDL	ppm	6.9	1	4	5
E38133-6	ST23	0-2'	8/12/98	Dibenzo(a,h)anthracene	0	ppm	1	100	0.66	0.66
E38133-6	ST23	0-2'	8/12/98	Dibromochloromethane	<MDL	ppm	6.9	1	110	10000
E38133-6	ST23	0-2'	8/12/98	Dichlorodifluoromethane	<MDL	ppm	6.9	NA	NA	NA
E38133-6	ST23	0-2'	8/12/98	*Ethylbenzene*	*135*	ppm	6.9	100	*1,000*	1,000
E38133-6	ST23	0-2'	8/12/98	*Fluoranthene*	*5*	ppm	1	100	*2,300*	10000
E38133-6	ST23	0-2'	8/12/98	*Fluorene*	*1*	ppm	1	100	2,300	10000
E38133-6	ST23	0-2'	8/12/98	**Indeno(1,2,3-cd)pyrene**	**1**	ppm	1	500	**0.9**	4
E38133-6	ST23	0-2'	8/12/98	Methylene chloride	<MDL	ppm	6.9	1	49	210
E38133-6	ST23	0-2'	8/12/98	*Naphthalene*	*32*	ppm	1	100	*230*	4,200
E38133-6	ST23	0-2'	8/12/98	*Phenanthrene*	*2*	ppm	1	NA	*NA*	NA
E38133-6	ST23	0-2'	8/12/98	*Pyrene*	*4*	ppm	1	100	*1,700*	10000
E38133-6	ST23	0-2'	8/12/98	Solids, Percent	82.9	%	N/A	N/A	N/A	N/A
E38133-6	ST23	0-2'	8/12/98	Tetrachloroethene	<MDL	ppm	6.9	1	4	6
E38133-6	ST23	0-2'	8/12/98	*Toluene*	*117*	ppm	6.9	500	*1000*	1000
E38133-6	ST23	0-2'	8/12/98	**Total TIC, Volatile**	**1555**	ppm	N/A	1000	**1000**	1000
E38133-6	ST23	0-2'	8/12/98	trans-1,2-Dichloroethene	<MDL	ppm	6.9	50	1000	1000
E38133-6	ST23	0-2'	8/12/98	trans-1,3-Dichloropropene	<MDL	ppm	6.9	1	4	5
E38133-6	ST23	0-2'	8/12/98	Trichloroethene	<MDL	ppm	6.9	1	23	54
E38133-6	ST23	0-2'	8/12/98	Trichlorofluoromethane	<MDL	ppm	6.9	NA	NA	NA
E38133-6	ST23	0-2'	8/12/98	unknown	82	ppm	N/A	N/A	N/A	N/A

TABLE 1. NEWARK DELANCY TERMINAL SOIL DELINEATION ANALYTICAL RESULTS, AUGUST 1998

LABORATORY SAMPLE NO.	SAMPLE LOCATION	INTERVAL SAMPLED (ft)	DATE SAMPLED	CONSTITUENT	CONC.	UNITS	LAB MDL	IGSCC	RDCSCC	INDCSCC
E38133-6	ST23	0-2'	8/12/98	unknown alkane	110	ppm	N/A	N/A	N/A	N/A
E38133-6	ST23	0-2'	8/12/98	unknown alkane	53	ppm	N/A	N/A	N/A	N/A
E38133-6	ST23	0-2'	8/12/98	unknown alkane	66	ppm	N/A	N/A	N/A	N/A
E38133-6	ST23	0-2'	8/12/98	unknown isomer of C10H12	75	ppm	N/A	N/A	N/A	N/A
E38133-6	ST23	0-2'	8/12/98	unknown isomer of C10H14	110	ppm	N/A	N/A	N/A	N/A
E38133-6	ST23	0-2'	8/12/98	unknown isomer of C10H14	110	ppm	N/A	N/A	N/A	N/A
E38133-6	ST23	0-2'	8/12/98	unknown isomer of C10H14	60	ppm	N/A	N/A	N/A	N/A
E38133-6	ST23	0-2'	8/12/98	unknown isomer of C10H14	69	ppm	N/A	N/A	N/A	N/A
E38133-6	ST23	0-2'	8/12/98	unknown isomer of C9H12	240	ppm	N/A	N/A	N/A	N/A
E38133-6	ST23	0-2'	8/12/98	unknown isomer of C9H12	84	ppm	N/A	N/A	N/A	N/A
E38133-6	ST23	0-2'	8/12/98	unknown isomer of C9H12	69	ppm	N/A	N/A	N/A	N/A
E38133-6	ST23	0-2'	8/12/98	unknown isomer of C9H12	300	ppm	N/A	N/A	N/A	N/A
E38133-6	ST23	0-2'	8/12/98	unknown isomer of C9H12	72	ppm	N/A	N/A	N/A	N/A
E38133-6	ST23	0-2'	8/12/98	Vinyl chloride	<MDL	ppm	6.9	10	2	7
E38133-6	ST23	0-2'	8/12/98	**Xylene (total)**	**562**	ppm	6.9	10	**410**	1000
E38133-8	ST23	2-4'	8/12/98	1,1,1-Trichloroethane	<MDL	ppm	8	50	210	1000
E38133-8	ST23	2-4'	8/12/98	1,1,2,2-Tetrachloroethane	<MDL	ppm	8	1	34	70
E38133-8	ST23	2-4'	8/12/98	1,1,2-Trichloroethane	<MDL	ppm	8	1	22	420
E38133-8	ST23	2-4'	8/12/98	1,1-Dichloroethane	<MDL	ppm	8	10	570	1000
E38133-8	ST23	2-4'	8/12/98	1,1-Dichloroethene	<MDL	ppm	8	10	8	150
E38133-8	ST23	2-4'	8/12/98	1,2-Dichlorobenzene	<MDL	ppm	8	50	5100	10000
E38133-8	ST23	2-4'	8/12/98	1,2-Dichloroethane	<MDL	ppm	8	1	6	24
E38133-8	ST23	2-4'	8/12/98	*1,2-Dichloropropane*	<MDL	ppm	8	NA	10	43
E38133-8	ST23	2-4'	8/12/98	1,3-Dichlorobenzene	<MDL	ppm	8	100	5100	10000
E38133-8	ST23	2-4'	8/12/98	1,4-Dichlorobenzene	<MDL	ppm	8	100	570	10000
E38133-8	ST23	2-4'	8/12/98	2-Chloroethyl vinyl ether	<MDL	ppm	32	NA	NA	NA
E38133-8	ST23	2-4'	8/12/98	*Acenaphthene*	*1*	ppm	0.22	100	*3,400*	10000
E38133-8	ST23	2-4'	8/12/98	Acenaphthylene	<MDL	ppm	0.22	NA	NA	NA
E38133-8	ST23	2-4'	8/12/98	Acrolein	<MDL	ppm	160	NA	NA	NA
E38133-8	ST23	2-4'	8/12/98	Acrylonitrile	<MDL	ppm	160	1	1	5
E38133-8	ST23	2-4'	8/12/98	*Anthracene*	*1*	ppm	0.22	100	*10000*	10000
E38133-8	ST23	2-4'	8/12/98	**Benzene**	**76**	ppm	8	1	**3**	13
E38133-8	ST23	2-4'	8/12/98	*Benzene, -ethyl–methyl-*	*410*	ppm	N/A	N/A	*N/A*	N/A
E38133-8	ST23	2-4'	8/12/98	*Benzene, -trimethyl-*	*160*	ppm	N/A	N/A	*N/A*	N/A
E38133-8	ST23	2-4'	8/12/98	**Benzo(a)anthracene**	**4**	ppm	0.22	500	**0.9**	4
E38133-8	ST23	2-4'	8/12/98	**Benzo(a)pyrene**	**3**	ppm	0.22	100	**0.66**	0.66
E38133-8	ST23	2-4'	8/12/98	**Benzo(b)fluoranthene**	**5**	ppm	0.22	500	**0.9**	4
E38133-8	ST23	2-4'	8/12/98	*Benzo(g,h,i)perylene*	*1*	ppm	0.22	NA	*NA*	NA
E38133-8	ST23	2-4'	8/12/98	*Benzo(k)fluoranthene*	*3*	ppm	0.22	NA	*NA*	NA
E38133-8	ST23	2-4'	8/12/98	Bromodichloromethane	<MDL	ppm	8	1	11	46
E38133-8	ST23	2-4'	8/12/98	Bromoform	<MDL	ppm	8	1	86	370
E38133-8	ST23	2-4'	8/12/98	Bromomethane	<MDL	ppm	8	1	79	1000
E38133-8	ST23	2-4'	8/12/98	Carbon tetrachloride	<MDL	ppm	8	1	2	4
E38133-8	ST23	2-4'	8/12/98	Chlorobenzene	<MDL	ppm	8	1	37	680
E38133-8	ST23	2-4'	8/12/98	Chloroethane	<MDL	ppm	8	NA	NA	NA
E38133-8	ST23	2-4'	8/12/98	Chloroform	<MDL	ppm	8	1	19	28
E38133-8	ST23	2-4'	8/12/98	Chloromethane	<MDL	ppm	8	10	520	1000
E38133-8	ST23	2-4'	8/12/98	*Chrysene*	*4*	ppm	0.22	500	*9*	40
E38133-8	ST23	2-4'	8/12/98	cis-1,2-Dichloroethene	<MDL	ppm	8	1	79	1000
E38133-8	ST23	2-4'	8/12/98	cis-1,3-Dichloropropene	<MDL	ppm	8	1	4	5
E38133-8	ST23	2-4'	8/12/98	**Dibenzo(a,h)anthracene**	**1**	ppm	0.22	100	**0.66**	0.66
E38133-8	ST23	2-4'	8/12/98	Dibromochloromethane	<MDL	ppm	8	1	110	10000
E38133-8	ST23	2-4'	8/12/98	Dichlorodifluoromethane	<MDL	ppm	8	NA	NA	NA
E38133-8	ST23	2-4'	8/12/98	*Ethylbenzene*	*330*	ppm	8	100	*1,000*	1,000
E38133-8	ST23	2-4'	8/12/98	*Fluoranthene*	*9*	ppm	0.22	100	*2,300*	10000
E38133-8	ST23	2-4'	8/12/98	*Fluorene*	*1*	ppm	0.22	100	*2,300*	10000
E38133-8	ST23	2-4'	8/12/98	**Indeno(1,2,3-cd)pyrene**	**1**	ppm	0.22	500	**0.9**	4
E38133-8	ST23	2-4'	8/12/98	Methylene chloride	<MDL	ppm	8	1	49	210
E38133-8	ST23	2-4'	8/12/98	*Naphthalene*	*58*	ppm	2.2	100	230	4,200
E38133-8	ST23	2-4'	8/12/98	*Phenanthrene*	*4*	ppm	0.22	NA	*NA*	NA

TABLE 1. NEWARK DELANCY TERMINAL SOIL DELINEATION ANALYTICAL RESULTS, AUGUST 1998

LABORATORY SAMPLE NO.	SAMPLE LOCATION	INTERVAL SAMPLED (ft)	DATE SAMPLED	CONSTITUENT	CONC.	UNITS	LAB MDL	IGSCC	RDCSCC	NDCSCC
E38133-8	ST23	2-4'	8/12/98	*Pyrene*	*7*	ppm	0.22	100	*1,700*	10000
E38133-8	ST23	2-4'	8/12/98	Solids, Percent	76.5	%	N/A	N/A	*N/A*	N/A
E38133-8	ST23	2-4'	8/12/98	Tetrachloroethene	<MDL	ppm	8	1	4	6
E38133-8	ST23	2-4'	8/12/98	*Toluene*	*70*	ppm	8	500	*1000*	1000
E38133-8	ST23	2-4'	8/12/98	**Total TIC, Volatile**	**4200**	ppm	N/A	1000	**1000**	1000
E38133-8	ST23	2-4'	8/12/98	trans-1,2-Dichloroethene	<MDL	ppm	8	50	1000	1000
E38133-8	ST23	2-4'	8/12/98	trans-1,3-Dichloropropene	<MDL	ppm	8	1	4	5
E38133-8	ST23	2-4'	8/12/98	Trichloroethene	<MDL	ppm	8	1	23	54
E38133-8	ST23	2-4'	8/12/98	Trichlorofluoromethane	<MDL	ppm	8	NA	NA	NA
E38133-8	ST23	2-4'	8/12/98	unknown	260	ppm	N/A	N/A	N/A	N/A
E38133-8	ST23	2-4'	8/12/98	unknown alkane	750	ppm	N/A	N/A	N/A	N/A
E38133-8	ST23	2-4'	8/12/98	unknown alkane	280	ppm	N/A	N/A	N/A	N/A
E38133-8	ST23	2-4'	8/12/98	unknown alkane	240	ppm	N/A	N/A	N/A	N/A
E38133-8	ST23	2-4'	8/12/98	unknown alkane	260	ppm	N/A	N/A	N/A	N/A
E38133-8	ST23	2-4'	8/12/98	unknown alkane	340	ppm	N/A	N/A	N/A	N/A
E38133-8	ST23	2-4'	8/12/98	unknown isomer of C10H14	200	ppm	N/A	N/A	N/A	N/A
E38133-8	ST23	2-4'	8/12/98	unknown isomer of C10H14	160	ppm	N/A	N/A	N/A	N/A
E38133-8	ST23	2-4'	8/12/98	unknown isomer of C7H14	120	ppm	N/A	N/A	N/A	N/A
E38133-8	ST23	2-4'	8/12/98	unknown isomer of C8H18	310	ppm	N/A	N/A	N/A	N/A
E38133-8	ST23	2-4'	8/12/98	unknown isomer of C9H12	120	ppm	N/A	N/A	N/A	N/A
E38133-8	ST23	2-4'	8/12/98	unknown isomer of C9H12	460	ppm	N/A	N/A	N/A	N/A
E38133-8	ST23	2-4'	8/12/98	unknown isomer of C9H12	130	ppm	N/A	N/A	N/A	N/A
E38133-8	ST23	2-4'	8/12/98	Vinyl chloride	<MDL	ppm	8	10	2	7
E38133-8	ST23	2-4'	8/12/98	**Xylene (total)**	**1280**	ppm	8	10	**410**	1000
E38133-3	ST24	0-2'	8/12/98	1,1,1-Trichloroethane	<MDL	ppm	0.84	50	210	1000
E38133-3	ST24	0-2'	8/12/98	1,1,2,2-Tetrachloroethane	<MDL	ppm	0.84	1	34	70
E38133-3	ST24	0-2'	8/12/98	1,1,2-Trichloroethane	<MDL	ppm	0.84	1	22	420
E38133-3	ST24	0-2'	8/12/98	1,1-Dichloroethane	<MDL	ppm	0.84	10	570	1000
E38133-3	ST24	0-2'	8/12/98	1,1-Dichloroethene	<MDL	ppm	0.84	10	8	150
E38133-3	ST24	0-2'	8/12/98	1,2-Dichlorobenzene	<MDL	ppm	0.84	50	5100	10000
E38133-3	ST24	0-2'	8/12/98	1,2-Dichloroethane	<MDL	ppm	0.84	1	6	24
E38133-3	ST24	0-2'	8/12/98	1,2-Dichloropropane	<MDL	ppm	0.84	NA	10	43
E38133-3	ST24	0-2'	8/12/98	1,3-Dichlorobenzene	<MDL	ppm	0.84	100	5100	10000
E38133-3	ST24	0-2'	8/12/98	1,4-Dichlorobenzene	<MDL	ppm	0.84	100	570	10000
E38133-3	ST24	0-2'	8/12/98	2-Chloroethyl vinyl ether	<MDL	ppm	3.3	NA	NA	NA
E38133-3	ST24	0-2'	8/12/98	Acenaphthene	<MDL	ppm	0.23	100	3,400	10000
E38133-3	ST24	0-2'	8/12/98	Acenaphthylene	<MDL	ppm	0.23	NA	NA	NA
E38133-3	ST24	0-2'	8/12/98	Acrolein	<MDL	ppm	17	NA	NA	NA
E38133-3	ST24	0-2'	8/12/98	Acrylonitrile	<MDL	ppm	17	1	1	5
E38133-3	ST24	0-2'	8/12/98	Anthracene	<MDL	ppm	0.23	100	10000	10000
E38133-3	ST24	0-2'	8/12/98	*Benzene*	2	ppm	0.84	1	*3*	13
E38133-3	ST24	0-2'	8/12/98	*Benzene, propyl-*	*2*	ppm	N/A	N/A	*N/A*	N/A
E38133-3	ST24	0-2'	8/12/98	Benzo(a)anthracene	<MDL	ppm	0.23	500	0.9	4
E38133-3	ST24	0-2'	8/12/98	Benzo(a)pyrene	<MDL	ppm	0.23	100	0.66	0.66
E38133-3	ST24	0-2'	8/12/98	Benzo(b)fluoranthene	<MDL	ppm	0.23	500	0.9	4
E38133-3	ST24	0-2'	8/12/98	Benzo(g,h,i)perylene	<MDL	ppm	0.23	NA	NA	NA
E38133-3	ST24	0-2'	8/12/98	Benzo(k)fluoranthene	<MDL	ppm	0.23	NA	NA	NA
E38133-3	ST24	0-2'	8/12/98	Bromodichloromethane	<MDL	ppm	0.84	1	11	46
E38133-3	ST24	0-2'	8/12/98	Bromoform	<MDL	ppm	0.84	1	86	370
E38133-3	ST24	0-2'	8/12/98	Bromomethane	<MDL	ppm	0.84	1	79	1000
E38133-3	ST24	0-2'	8/12/98	*Carbon dioxide*	*2*	ppm	N/A	N/A	*N/A*	N/A
E38133-3	ST24	0-2'	8/12/98	Carbon tetrachloride	<MDL	ppm	0.84	1	2	4
E38133-3	ST24	0-2'	8/12/98	Chlorobenzene	<MDL	ppm	0.84	1	37	680
E38133-3	ST24	0-2'	8/12/98	Chloroethane	<MDL	ppm	0.84	NA	NA	NA
E38133-3	ST24	0-2'	8/12/98	Chloroform	<MDL	ppm	0.84	1	19	28
E38133-3	ST24	0-2'	8/12/98	Chloromethane	<MDL	ppm	0.84	10	520	1000
E38133-3	ST24	0-2'	8/12/98	Chrysene	<MDL	ppm	0.23	500	9	40
E38133-3	ST24	0-2'	8/12/98	cis-1,2-Dichloroethene	<MDL	ppm	0.84	1	79	1000
E38133-3	ST24	0-2'	8/12/98	cis-1,3-Dichloropropene	<MDL	ppm	0.84	1	4	5
E38133-3	ST24	0-2'	8/12/98	Dibenzo(a,h)anthracene	<MDL	ppm	0.23	100	0.66	0.66

TABLE 1. NEWARK DELANCY TERMINAL SOIL DELINEATION ANALYTICAL RESULTS, AUGUST 1998

LABORATORY SAMPLE NO.	SAMPLE LOCATION	INTERVAL SAMPLED (ft)	DATE SAMPLED	CONSTITUENT	CONC.	UNITS	LAB MDL	IGSCC	RDCSCC	NDCSCC
E38133-3	ST24	0-2'	8/12/98	Dibromochloromethane	<MDL	ppm	0.84	1	110	10000
E38133-3	ST24	0-2'	8/12/98	Dichlorodifluoromethane	<MDL	ppm	0.84	NA	NA	NA
E38133-3	ST24	0-2'	8/12/98	*Ethylbenzene*	*8*	ppm	0.84	100	*1,000*	1,000
E38133-3	ST24	0-2'	8/12/98	Fluoranthene	<MDL	ppm	0.23	100	2,300	10000
E38133-3	ST24	0-2'	8/12/98	Fluorene	<MDL	ppm	0.23	100	2,300	10000
E38133-3	ST24	0-2'	8/12/98	Indeno(1,2,3-cd)pyrene	<MDL	ppm	0.23	500	0.9	4
E38133-3	ST24	0-2'	8/12/98	Methylene chloride	<MDL	ppm	0.84	1	49	210
E38133-3	ST24	0-2'	8/12/98	Naphthalene	<MDL	ppm	0.23	100	230	4,200
E38133-3	ST24	0-2'	8/12/98	*Pentane, 2-methyl-*	*3*	ppm	N/A	N/A	*N/A*	N/A
E38133-3	ST24	0-2'	8/12/98	Phenanthrene	<MDL	ppm	0.23	NA	NA	NA
E38133-3	ST24	0-2'	8/12/98	Pyrene	<MDL	ppm	0.23	100	1,700	10000
E38133-3	ST24	0-2'	8/12/98	Solids, Percent	71.3	%	N/A	N/A	N/A	N/A
E38133-3	ST24	0-2'	8/12/98	Tetrachloroethene	<MDL	ppm	0.84	1	4	6
E38133-3	ST24	0-2'	8/12/98	Toluene	<MDL	ppm	0.84	500	1000	1000
E38133-3	ST24	0-2'	8/12/98	*Total TIC, Volatile*	*47*	ppm	N/A	1000	*1000*	1000
E38133-3	ST24	0-2'	8/12/98	trans-1,2-Dichloroethene	<MDL	ppm	0.84	50	1000	1000
E38133-3	ST24	0-2'	8/12/98	trans-1,3-Dichloropropene	<MDL	ppm	0.84	1	4	5
E38133-3	ST24	0-2'	8/12/98	Trichloroethene	<MDL	ppm	0.84	1	23	54
E38133-3	ST24	0-2'	8/12/98	Trichlorofluoromethane	<MDL	ppm	0.84	NA	NA	NA
E38133-3	ST24	0-2'	8/12/98	unknown	2	ppm	N/A	N/A	N/A	N/A
E38133-3	ST24	0-2'	8/12/98	unknown	2	ppm	N/A	N/A	N/A	N/A
E38133-3	ST24	0-2'	8/12/98	unknown alkane	4	ppm	N/A	N/A	N/A	N/A
E38133-3	ST24	0-2'	8/12/98	unknown isomer of C10H14	2	ppm	N/A	N/A	N/A	N/A
E38133-3	ST24	0-2'	8/12/98	unknown isomer of C6H12	2	ppm	N/A	N/A	N/A	N/A
E38133-3	ST24	0-2'	8/12/98	unknown isomer of C7H14	2	ppm	N/A	N/A	N/A	N/A
E38133-3	ST24	0-2'	8/12/98	unknown isomer of C9H10	3	ppm	N/A	N/A	N/A	N/A
E38133-3	ST24	0-2'	8/12/98	unknown isomer of C9H12	7	ppm	N/A	N/A	N/A	N/A
E38133-3	ST24	0-2'	8/12/98	unknown isomer of C9H12	2	ppm	N/A	N/A	N/A	N/A
E38133-3	ST24	0-2'	8/12/98	unknown isomer of C9H12	3	ppm	N/A	N/A	N/A	N/A
E38133-3	ST24	0-2'	8/12/98	unknown isomer of C9H12	9	ppm	N/A	N/A	N/A	N/A
E38133-3	ST24	0-2'	8/12/98	unknown isomer of C9H12	2	ppm	N/A	N/A	N/A	N/A
E38133-3	ST24	0-2'	8/12/98	Vinyl chloride	<MDL	ppm	0.84	10	2	7
E38133-3	ST24	0-2'	8/12/98	*Xylene (total)*	*17*	ppm	0.84	10	*410*	1000
E38133-4	ST24	2-4'	8/12/98	1,1,1-Trichloroethane	<MDL	ppm	9.2	50	210	1000
E38133-4	ST24	2-4'	8/12/98	1,1,2,2-Tetrachloroethane	<MDL	ppm	9.2	1	34	70
E38133-4	ST24	2-4'	8/12/98	1,1,2-Trichloroethane	<MDL	ppm	9.2	1	22	420
E38133-4	ST24	2-4'	8/12/98	1,1-Dichloroethane	<MDL	ppm	9.2	10	570	1000
E38133-4	ST24	2-4'	8/12/98	1,1-Dichloroethene	<MDL	ppm	9.2	10	8	150
E38133-4	ST24	2-4'	8/12/98	1,2-Dichlorobenzene	<MDL	ppm	9.2	50	5100	10000
E38133-4	ST24	2-4'	8/12/98	1,2-Dichloroethane	<MDL	ppm	9.2	1	6	24
E38133-4	ST24	2-4'	8/12/98	1,2-Dichloropropane	<MDL	ppm	9.2	NA	10	43
E38133-4	ST24	2-4'	8/12/98	1,3-Dichlorobenzene	<MDL	ppm	9.2	100	5100	10000
E38133-4	ST24	2-4'	8/12/98	1,4-Dichlorobenzene	<MDL	ppm	9.2	100	570	10000
E38133-4	ST24	2-4'	8/12/98	2-Chloroethyl vinyl ether	<MDL	ppm	37	NA	NA	NA
E38133-4	ST24	2-4'	8/12/98	*Acenaphthene*	*2*	ppm	1.1	100	*3,400*	10000
E38133-4	ST24	2-4'	8/12/98	Acenaphthylene	<MDL	ppm	1.1	NA	NA	NA
E38133-4	ST24	2-4'	8/12/98	Acrolein	<MDL	ppm	180	NA	NA	NA
E38133-4	ST24	2-4'	8/12/98	Acrylonitrile	<MDL	ppm	180	1	1	5
E38133-4	ST24	2-4'	8/12/98	*Anthracene*	*1*	ppm	1.1	100	*10000*	10000
E38133-4	ST24	2-4'	8/12/98	**Benzene**	**45**	ppm	9.2	1	**3**	13
E38133-4	ST24	2-4'	8/12/98	**Benzo(a)anthracene**	**2**	ppm	1.1	500	**0.9**	4
E38133-4	ST24	2-4'	8/12/98	**Benzo(a)pyrene**	**2**	ppm	1.1	100	**0.66**	0.66
E38133-4	ST24	2-4'	8/12/98	**Benzo(b)fluoranthene**	**2**	ppm	1.1	500	**0.9**	4
E38133-4	ST24	2-4'	8/12/98	*Benzo(g,h,i)perylene*	*1*	ppm	1.1	NA	*NA*	NA
E38133-4	ST24	2-4'	8/12/98	*Benzo(k)fluoranthene*	*1*	ppm	1.1	NA	*NA*	NA
E38133-4	ST24	2-4'	8/12/98	Bromodichloromethane	<MDL	ppm	9.2	1	11	46
E38133-4	ST24	2-4'	8/12/98	Bromoform	<MDL	ppm	9.2	1	86	370
E38133-4	ST24	2-4'	8/12/98	Bromomethane	<MDL	ppm	9.2	1	79	1000
E38133-4	ST24	2-4'	8/12/98	Carbon tetrachloride	<MDL	ppm	9.2	1	2	4
E38133-4	ST24	2-4'	8/12/98	Chlorobenzene	<MDL	ppm	9.2	1	37	680

TABLE 1. NEWARK DELANCY TERMINAL SOIL DELINEATION ANALYTICAL RESULTS, AUGUST 1998

LABORATORY SAMPLE NO.	SAMPLE LOCATION	INTERVAL SAMPLED (ft)	DATE SAMPLED	CONSTITUENT	CONC.	UNITS	LAB MDL	IGSCC	RDCSCC	NDCSCC
E38133-4	ST24	2-4'	8/12/98	Chloroethane	<MDL	ppm	9.2	NA	NA	NA
E38133-4	ST24	2-4'	8/12/98	Chloroform	<MDL	ppm	9.2	1	19	28
E38133-4	ST24	2-4'	8/12/98	Chloromethane	<MDL	ppm	9.2	10	520	1000
E38133-4	ST24	2-4'	8/12/98	*Chrysene*	*2*	ppm	1.1	500	*9*	40
E38133-4	ST24	2-4'	8/12/98	cis-1,2-Dichloroethene	<MDL	ppm	9.2	1	79	1000
E38133-4	ST24	2-4'	8/12/98	cis-1,3-Dichloropropene	<MDL	ppm	9.2	1	4	5
E38133-4	ST24	2-4'	8/12/98	Dibenzo(a,h)anthracene	0	ppm	1.1	100	0.66	0.66
E38133-4	ST24	2-4'	8/12/98	Dibromochloromethane	<MDL	ppm	9.2	1	110	10000
E38133-4	ST24	2-4'	8/12/98	Dichlorodifluoromethane	<MDL	ppm	9.2	NA	NA	NA
E38133-4	ST24	2-4'	8/12/98	Ethylbenzene	594	ppm	9.2	100	*1,000*	1,000
E38133-4	ST24	2-4'	8/12/98	*Fluoranthene*	*3*	ppm	1.1	100	*2,300*	10000
E38133-4	ST24	2-4'	8/12/98	*Fluorene*	*2*	ppm	1.1	100	*2,300*	10000
E38133-4	ST24	2-4'	8/12/98	*Heptane*	*480*	ppm	N/A	N/A	N/A	N/A
E38133-4	ST24	2-4'	8/12/98	**Indeno(1,2,3-cd)pyrene**	**1**	ppm	1.1	500	**0.9**	4
E38133-4	ST24	2-4'	8/12/98	Methylene chloride	<MDL	ppm	9.2	1	49	210
E38133-4	ST24	2-4'	8/12/98	*Naphthalene*	*93*	ppm	5.4	100	*230*	4,200
E38133-4	ST24	2-4'	8/12/98	*Phenanthrene*	*4*	ppm	1.1	NA	*NA*	NA
E38133-4	ST24	2-4'	8/12/98	*Pyrene*	*3*	ppm	1.1	100	*1,700*	10000
E38133-4	ST24	2-4'	8/12/98	Solids, Percent	76.1	%	N/A	N/A	N/A	N/A
E38133-4	ST24	2-4'	8/12/98	Tetrachloroethene	<MDL	ppm	9.2	1	4	6
E38133-4	ST24	2-4'	8/12/98	*Toluene*	*14*	ppm	9.2	500	*1000*	1000
E38133-4	ST24	2-4'	8/12/98	**Total TIC, Volatile**	**8200**	ppm	N/A	1000	**1000**	1000
E38133-4	ST24	2-4'	8/12/98	trans-1,2-Dichloroethene	<MDL	ppm	9.2	50	1000	1000
E38133-4	ST24	2-4'	8/12/98	trans-1,3-Dichloropropene	<MDL	ppm	9.2	1	4	5
E38133-4	ST24	2-4'	8/12/98	Trichloroethene	<MDL	ppm	9.2	1	23	54
E38133-4	ST24	2-4'	8/12/98	Trichlorofluoromethane	<MDL	ppm	9.2	NA	NA	NA
E38133-4	ST24	2-4'	8/12/98	unknown alkane	1300	ppm	N/A	N/A	N/A	N/A
E38133-4	ST24	2-4'	8/12/98	unknown alkane	520	ppm	N/A	N/A	N/A	N/A
E38133-4	ST24	2-4'	8/12/98	unknown alkane	720	ppm	N/A	N/A	N/A	N/A
E38133-4	ST24	2-4'	8/12/98	unknown alkane	730	ppm	N/A	N/A	N/A	N/A
E38133-4	ST24	2-4'	8/12/98	unknown isomer of C10H12	290	ppm	N/A	N/A	N/A	N/A
E38133-4	ST24	2-4'	8/12/98	unknown isomer of C10H14	400	ppm	N/A	N/A	N/A	N/A
E38133-4	ST24	2-4'	8/12/98	unknown isomer of C10H14	340	ppm	N/A	N/A	N/A	N/A
E38133-4	ST24	2-4'	8/12/98	unknown isomer of C10H14	250	ppm	N/A	N/A	N/A	N/A
E38133-4	ST24	2-4'	8/12/98	unknown isomer of C7H14	470	ppm	N/A	N/A	N/A	N/A
E38133-4	ST24	2-4'	8/12/98	unknown isomer of C8H18	700	ppm	N/A	N/A	N/A	N/A
E38133-4	ST24	2-4'	8/12/98	unknown isomer of C9H12	710	ppm	N/A	N/A	N/A	N/A
E38133-4	ST24	2-4'	8/12/98	unknown isomer of C9H12	290	ppm	N/A	N/A	N/A	N/A
E38133-4	ST24	2-4'	8/12/98	unknown isomer of C9H12	750	ppm	N/A	N/A	N/A	N/A
E38133-4	ST24	2-4'	8/12/98	unknown isomer of C9H12	250	ppm	N/A	N/A	N/A	N/A
E38133-4	ST24	2-4'	8/12/98	Vinyl chloride	<MDL	ppm	9.2	10	2	7
E38133-4	ST24	2-4'	8/12/98	**Xylene (total)**	**1690**	ppm	37	10	**410**	1000
E38133-1	ST25	0-2'	8/12/98	1,1,1-Trichloroethane	<MDL	ppm	0.86	50	210	1000
E38133-1	ST25	0-2'	8/12/98	1,1,2,2-Tetrachloroethane	<MDL	ppm	0.86	1	34	70
E38133-1	ST25	0-2'	8/12/98	1,1,2-Trichloroethane	<MDL	ppm	0.86	1	22	420
E38133-1	ST25	0-2'	8/12/98	1,1-Dichloroethane	<MDL	ppm	0.86	10	570	1000
E38133-1	ST25	0-2'	8/12/98	1,1-Dichloroethene	<MDL	ppm	0.86	10	8	150
E38133-1	ST25	0-2'	8/12/98	1,2-Dichlorobenzene	<MDL	ppm	0.86	50	5100	10000
E38133-1	ST25	0-2'	8/12/98	1,2-Dichloroethane	<MDL	ppm	0.86	1	6	24
E38133-1	ST25	0-2'	8/12/98	1,2-Dichloropropane	<MDL	ppm	0.86	NA	10	43
E38133-1	ST25	0-2'	8/12/98	1,3-Dichlorobenzene	<MDL	ppm	0.86	100	5100	10000
E38133-1	ST25	0-2'	8/12/98	1,4-Dichlorobenzene	<MDL	ppm	0.86	100	570	10000
E38133-1	ST25	0-2'	8/12/98	2-Chloroethyl vinyl ether	<MDL	ppm	3.4	NA	NA	NA
E38133-1	ST25	0-2'	8/12/98	*Acenaphthene*	*1*	ppm	0.44	100	*3,400*	10000
E38133-1	ST25	0-2'	8/12/98	Acenaphthylene	<MDL	ppm	0.44	NA	NA	NA
E38133-1	ST25	0-2'	8/12/98	Acrolein	<MDL	ppm	17	NA	NA	NA
E38133-1	ST25	0-2'	8/12/98	Acrylonitrile	<MDL	ppm	17	1	1	5
E38133-1	ST25	0-2'	8/12/98	*Anthracene*	*1*	ppm	0.44	100	*10000*	10000
E38133-1	ST25	0-2'	8/12/98	**Benzene**	**20**	ppm	0.86	1	**3**	13
E38133-1	ST25	0-2'	8/12/98	**Benzo(a)anthracene**	**2**	ppm	0.44	500	**0.9**	4

TABLE 1. NEWARK DELANCY TERMINAL SOIL DELINEATION ANALYTICAL RESULTS, AUGUST 1998

LABORATORY SAMPLE NO.	SAMPLE LOCATION	INTERVAL SAMPLED (ft)	DATE SAMPLED	CONSTITUENT	CONC.	UNITS	LAB MDL	IGSCC	RDCSCC	NDCSCC
E38133-1	ST25	0-2'	8/12/98	**Benzo(a)pyrene**	2	ppm	0.44	100	0.66	0.66
E38133-1	ST25	0-2'	8/12/98	**Benzo(b)fluoranthene**	2	ppm	0.44	500	0.9	4
E38133-1	ST25	0-2'	8/12/98	*Benzo(g,h,i)perylene*	1	ppm	0.44	NA	NA	NA
E38133-1	ST25	0-2'	8/12/98	*Benzo(k)fluoranthene*	2	ppm	0.44	NA	NA	NA
E38133-1	ST25	0-2'	8/12/98	Bromodichloromethane	<MDL	ppm	0.86	1	11	46
E38133-1	ST25	0-2'	8/12/98	Bromoform	<MDL	ppm	0.86	1	86	370
E38133-1	ST25	0-2'	8/12/98	Bromomethane	<MDL	ppm	0.86	1	79	1000
E38133-1	ST25	0-2'	8/12/98	Carbon tetrachloride	<MDL	ppm	0.86	1	2	4(K)
E38133-1	ST25	0-2'	8/12/98	Chlorobenzene	<MDL	ppm	0.86	1	37	4
E38133-1	ST25	0-2'	8/12/98	Chloroethane	<MDL	ppm	0.86	NA	NA	NA
E38133-1	ST25	0-2'	8/12/98	Chloroform	<MDL	ppm	0.86	1	19	28
E38133-1	ST25	0-2'	8/12/98	Chloromethane	<MDL	ppm	0.86	10	520	1000
E38133-1	ST25	0-2'	8/12/98	*Chrysene*	2	ppm	0.44	500	9	40
E38133-1	ST25	0-2'	8/12/98	cis-1,2-Dichloroethene	<MDL	ppm	0.86	1	79	1000
E38133-1	ST25	0-2'	8/12/98	cis-1,3-Dichloropropene	<MDL	ppm	0.86	1	4	5
E38133-1	ST25	0-2'	8/12/98	Dibenzo(a,h)anthracene	<MDL	ppm	0.44	100	0.66	0.66
E38133-1	ST25	0-2'	8/12/98	Dibromochloromethane	<MDL	ppm	0.86	1	110	10000
E38133-1	ST25	0-2'	8/12/98	Dichlorodifluoromethane	<MDL	ppm	0.86	NA	NA	NA
E38133-1	ST25	0-2'	8/12/98	*Ethylbenzene*	142	ppm	17	100	1,000	1,000
E38133-1	ST25	0-2'	8/12/98	*Fluoranthene*	3	ppm	0.44	100	2,300	10000
E38133-1	ST25	0-2'	8/12/98	*Fluorene*	1	ppm	0.44	100	2,300	10000
E38133-1	ST25	0-2'	8/12/98	**Indeno(1,2,3-cd)pyrene**	1	ppm	0.44	500	0.9	4
E38133-1	ST25	0-2'	8/12/98	Methylene chloride	<MDL	ppm	0.86	1	49	210
E38133-1	ST25	0-2'	8/12/98	*Naphthalene*	58	ppm	2.2	100	230	4,200
E38133-1	ST25	0-2'	8/12/98	*Phenanthrene*	3	ppm	0.44	NA	NA	NA
E38133-1	ST25	0-2'	8/12/98	*Pyrene*	3	ppm	0.44	100	1,700	10000
E38133-1	ST25	0-2'	8/12/98	Solids, Percent	75	%	N/A	NA	NA	NA
E38133-1	ST25	0-2'	8/12/98	Tetrachloroethene	<MDL	ppm	0.86	1	4	6
E38133-1	ST25	0-2'	8/12/98	*Toluene*	241	ppm	17	500	1000	1000
E38133-1	ST25	0-2'	8/12/98	*Total TIC, Volatile*	363	ppm	N/A	1000	1000	1000
E38133-1	ST25	0-2'	8/12/98	trans-1,2-Dichloroethene	<MDL	ppm	0.86	50	1000	1000
E38133-1	ST25	0-2'	8/12/98	trans-1,3-Dichloropropene	<MDL	ppm	0.86	1	4	5
E38133-1	ST25	0-2'	8/12/98	Trichloroethene	<MDL	ppm	0.86	1	23	54
E38133-1	ST25	0-2'	8/12/98	Trichlorofluoromethane	<MDL	ppm	0.86	NA	NA	NA
E38133-1	ST25	0-2'	8/12/98	unknown alkane	50	ppm	N/A	N/A	N/A	N/A
E38133-1	ST25	0-2'	8/12/98	unknown alkane	20	ppm	N/A	N/A	N/A	N/A
E38133-1	ST25	0-2'	8/12/98	unknown alkane	21	ppm	N/A	N/A	N/A	N/A
E38133-1	ST25	0-2'	8/12/98	unknown alkane	23	ppm	N/A	N/A	N/A	N/A
E38133-1	ST25	0-2'	8/12/98	unknown isomer of C10H12	19	ppm	N/A	N/A	N/A	N/A
E38133-1	ST25	0-2'	8/12/98	unknown isomer of C10H14	29	ppm	N/A	N/A	N/A	N/A
E38133-1	ST25	0-2'	8/12/98	unknown isomer of C10H14	22	ppm	N/A	N/A	N/A	N/A
E38133-1	ST25	0-2'	8/12/98	unknown isomer of C10H14	17	ppm	N/A	N/A	N/A	N/A
E38133-1	ST25	0-2'	8/12/98	unknown isomer of C8H18	17	ppm	N/A	N/A	N/A	N/A
E38133-1	ST25	0-2'	8/12/98	unknown isomer of C8H18	22	ppm	N/A	N/A	N/A	N/A
E38133-1	ST25	0-2'	8/12/98	unknown isomer of C9H12	41	ppm	N/A	N/A	N/A	N/A
E38133-1	ST25	0-2'	8/12/98	unknown isomer of C9H12	22	ppm	N/A	N/A	N/A	N/A
E38133-1	ST25	0-2'	8/12/98	unknown isomer of C9H12	17	ppm	N/A	N/A	N/A	N/A
E38133-1	ST25	0-2'	8/12/98	unknown isomer of C9H12	22	ppm	N/A	N/A	N/A	N/A
E38133-1	ST25	0-2'	8/12/98	unknown isomer of C9H12	21	ppm	N/A	N/A	N/A	N/A
E38133-1	ST25	0-2'	8/12/98	Vinyl chloride	<MDL	ppm	0.86	10	2	7
E38133-1	ST25	0-2'	8/12/98	**Xylene (total)**	676	ppm	17	10	410	1000
E38133-2	ST25	2-4'	8/12/98	1,1,1-Trichloroethane	<MDL	ppm	10	50	210	1000
E38133-2	ST25	2-4'	8/12/98	1,1,2,2-Tetrachloroethane	<MDL	ppm	10	1	34	70
E38133-2	ST25	2-4'	8/12/98	1,1,2-Trichloroethane	<MDL	ppm	10	1	22	420
E38133-2	ST25	2-4'	8/12/98	1,1-Dichloroethane	<MDL	ppm	10	10	570	1000
E38133-2	ST25	2-4'	8/12/98	1,1-Dichloroethene	<MDL	ppm	10	10	8	150
E38133-2	ST25	2-4'	8/12/98	1,2-Dichlorobenzene	<MDL	ppm	10	50	5100	10000
E38133-2	ST25	2-4'	8/12/98	1,2-Dichloroethane	<MDL	ppm	10	1	6	24
E38133-2	ST25	2-4'	8/12/98	1,2-Dichloropropane	<MDL	ppm	10	NA	10	43
E38133-2	ST25	2-4'	8/12/98	1,3-Dichlorobenzene	<MDL	ppm	10	100	5100	10000

TABLE 1. NEWARK DELANCY TERMINAL SOIL DELINEATION ANALYTICAL RESULTS, AUGUST 1998

LABORATORY SAMPLE NO.	SAMPLE LOCATION	INTERVAL SAMPLED (ft)	DATE SAMPLED	CONSTITUENT	CONC.	UNITS	LAB MDL	IGSCC	RDCSCC	NDCSCC
E38133-2	ST25	2-4'	8/12/98	1,4-Dichlorobenzene	<MDL	ppm	10	100	570	10000
E38133-2	ST25	2-4'	8/12/98	2-Chloroethyl vinyl ether	<MDL	ppm	42	NA	NA	NA
E38133-2	ST25	2-4'	8/12/98	*Acenaphthene*	*1*	ppm	1.2	100	*3,400*	10000
E38133-2	ST25	2-4'	8/12/98	Acenaphthylene	<MDL	ppm	1.2	NA	NA	NA
E38133-2	ST25	2-4'	8/12/98	Acrolein	<MDL	ppm	210	NA	NA	NA
E38133-2	ST25	2-4'	8/12/98	Acrylonitrile	<MDL	ppm	210	1	1	5
E38133-2	ST25	2-4'	8/12/98	*Anthracene*	*1*	ppm	1.2	100	*10000*	10000
E38133-2	ST25	2-4'	8/12/98	**Benzene**	**32**	ppm	10	1	3	13
E38133-2	ST25	2-4'	8/12/98	**Benzo(a)anthracene**	**2**	ppm	1.2	500	**0.9**	4
E38133-2	ST25	2-4'	8/12/98	**Benzo(a)pyrene**	**2**	ppm	1.2	100	**0.66**	0.66
E38133-2	ST25	2-4'	8/12/98	**Benzo(b)fluoranthene**	**2**	ppm	1.2	500	**0.9**	4
E38133-2	ST25	2-4'	8/12/98	*Benzo(g,h,i)perylene*	*1*	ppm	1.2	NA	*NA*	NA
E38133-2	ST25	2-4'	8/12/98	*Benzo(k)fluoranthene*	*2*	ppm	1.2	NA	*NA*	NA
E38133-2	ST25	2-4'	8/12/98	Bromodichloromethane	<MDL	ppm	10	1	11	46
E38133-2	ST25	2-4'	8/12/98	Bromoform	<MDL	ppm	10	1	86	370
E38133-2	ST25	2-4'	8/12/98	Bromomethane	<MDL	ppm	10	1	79	1000
E38133-2	ST25	2-4'	8/12/98	Carbon tetrachloride	<MDL	ppm	10	1	2	4
E38133-2	ST25	2-4'	8/12/98	Chlorobenzene	<MDL	ppm	10	1	37	680
E38133-2	ST25	2-4'	8/12/98	Chloroethane	<MDL	ppm	10	NA	NA	NA
E38133-2	ST25	2-4'	8/12/98	Chloroform	<MDL	ppm	10	1	19	28
E38133-2	ST25	2-4'	8/12/98	Chloromethane	<MDL	ppm	10	10	520	1000
E38133-2	ST25	2-4'	8/12/98	*Chrysene*	*2*	ppm	1.2	500	*9*	40
E38133-2	ST25	2-4'	8/12/98	cis-1,2-Dichloroethene	<MDL	ppm	10	1	79	1000
E38133-2	ST25	2-4'	8/12/98	cis-1,3-Dichloropropene	<MDL	ppm	10	1	4	5
E38133-2	ST25	2-4'	8/12/98	Dibenzo(a,h)anthracene	<MDL	ppm	1.2	100	0.66	0.66
E38133-2	ST25	2-4'	8/12/98	Dibromochloromethane	<MDL	ppm	10	1	110	10000
E38133-2	ST25	2-4'	8/12/98	Dichlorodifluoromethane	<MDL	ppm	10	NA	NA	NA
E38133-2	ST25	2-4'	8/12/98	*Ethylbenzene*	*349*	ppm	10	100	*1,000*	1,000
E38133-2	ST25	2-4'	8/12/98	*Fluoranthene*	*4*	ppm	1.2	100	*2,300*	10000
E38133-2	ST25	2-4'	8/12/98	*Fluorene*	*2*	ppm	1.2	100	*2,300*	10000
E38133-2	ST25	2-4'	8/12/98	**Indeno(1,2,3-cd)pyrene**	**1**	ppm	1.2	500	**0.9**	4
E38133-2	ST25	2-4'	8/12/98	Methylene chloride	<MDL	ppm	10	1	49	210
E38133-2	ST25	2-4'	8/12/98	*Naphthalene*	*94*	ppm	6.2	100	*230*	4,200
E38133-2	ST25	2-4'	8/12/98	*Phenanthrene*	*4*	ppm	1.2	NA	*NA*	NA
E38133-2	ST25	2-4'	8/12/98	*Pyrene*	*3*	ppm	1.2	100	*1,700*	10000
E38133-2	ST25	2-4'	8/12/98	Solids, Percent	67.2	%	N/A	N/A	N/A	N/A
E38133-2	ST25	2-4'	8/12/98	Tetrachloroethene	<MDL	ppm	10	1	4	6
E38133-2	ST25	2-4'	8/12/98	*Toluene*	*477*	ppm	10	*500*	*1000*	1000
E38133-2	ST25	2-4'	8/12/98	**Total TIC, Volatile**	**3580**	ppm	N/A	1000	**1000**	1000
E38133-2	ST25	2-4'	8/12/98	trans-1,2-Dichloroethene	<MDL	ppm	10	50	1000	1000
E38133-2	ST25	2-4'	8/12/98	trans-1,3-Dichloropropene	<MDL	ppm	10	1	4	5
E38133-2	ST25	2-4'	8/12/98	Trichloroethene	<MDL	ppm	10	1	23	54
E38133-2	ST25	2-4'	8/12/98	Trichlorofluoromethane	<MDL	ppm	10	NA	NA	NA
E38133-2	ST25	2-4'	8/12/98	unknown alkane	550	ppm	N/A	N/A	N/A	N/A
E38133-2	ST25	2-4'	8/12/98	unknown alkane	210	ppm	N/A	N/A	N/A	N/A
E38133-2	ST25	2-4'	8/12/98	unknown alkane	150	ppm	N/A	N/A	N/A	N/A
E38133-2	ST25	2-4'	8/12/98	unknown alkane	230	ppm	N/A	N/A	N/A	N/A
E38133-2	ST25	2-4'	8/12/98	unknown alkane	200	ppm	N/A	N/A	N/A	N/A
E38133-2	ST25	2-4'	8/12/98	unknown isomer of C10H12	180	ppm	N/A	N/A	N/A	N/A
E38133-2	ST25	2-4'	8/12/98	unknown isomer of C10H14	220	ppm	N/A	N/A	N/A	N/A
E38133-2	ST25	2-4'	8/12/98	unknown isomer of C10H14	180	ppm	N/A	N/A	N/A	N/A
E38133-2	ST25	2-4'	8/12/98	unknown isomer of C10H14	140	ppm	N/A	N/A	N/A	N/A
E38133-2	ST25	2-4'	8/12/98	unknown isomer of C11H10	150	ppm	N/A	N/A	N/A	N/A
E38133-2	ST25	2-4'	8/12/98	unknown isomer of C7H14	200	ppm	N/A	N/A	N/A	N/A
E38133-2	ST25	2-4'	8/12/98	unknown isomer of C8H18	180	ppm	N/A	N/A	N/A	N/A
E38133-2	ST25	2-4'	8/12/98	unknown isomer of C9H12	390	ppm	N/A	N/A	N/A	N/A
E38133-2	ST25	2-4'	8/12/98	unknown isomer of C9H12	150	ppm	N/A	N/A	N/A	N/A
E38133-2	ST25	2-4'	8/12/98	unknown isomer of C9H12	450	ppm	N/A	N/A	N/A	N/A
E38133-2	ST25	2-4'	8/12/98	Vinyl chloride	<MDL	ppm	10	10	2	7
E38133-2	ST25	2-4'	8/12/98	**Xylene (total)**	**1560**	ppm	10	10	**410**	1000

TABLE 1. NEWARK DELANCY TERMINAL SOIL DELINEATION ANALYTICAL RESULTS, AUGUST 1998

LABORATORY SAMPLE NO.	SAMPLE LOCATION	INTERVAL SAMPLED (ft)	DATE SAMPLED	CONSTITUENT	CONC.	UNITS	LAB MDL	IGSCC	RDCSCC	NDCSCC
E38133-12	ST26A	0-2'	8/12/98	*TPH-DRO (C9-C22)*	*184*	ppm	39	10000	*10000*	10000
E38133-12	ST26A	0-2'	8/12/98	*TPH-GRO (C4-C12)*	*57.7*	ppm	29	1000	*1000*	1000
E38133-12	ST26A	0-2'	8/12/98	Solids, Percent	86.3	%	N/A	N/A	N/A	N/A
E38133-13	ST26	2-4'	8/12/98	**TPH-DRO (C9-C22)**	**16700**	**ppm**	**470**	10000	**10000**	10000
E38133-13	ST26	2-4'	8/12/98	**TPH-GRO (C4-C12)**	**1540**	**ppm**	**70**	1000	**1000**	1000
E38133-13	ST26	2-4'	8/12/98	Solids, Percent	71.4	%	N/A	N/A	N/A	N/A
E38133-13R	ST26	2-4'	8/12/98	1,1,1-Trichloroethane	<MDL	ppm	1.8	50	210	1000
E38133-13R	ST26	2-4'	8/12/98	1,1,2,2-Tetrachloroethane	<MDL	ppm	1.8	1	34	70
E38133-13R	ST26	2-4'	8/12/98	1,1,2-Trichloroethane	<MDL	ppm	1.8	1	22	420
E38133-13R	ST26	2-4'	8/12/98	1,1-Dichloroethane	<MDL	ppm	1.8	10	570	1000
E38133-13R	ST26	2-4'	8/12/98	1,1-Dichloroethene	<MDL	ppm	1.8	10	8	150
E38133-13R	ST26	2-4'	8/12/98	1,2-Dichloroethane	<MDL	ppm	1.8	1	6	24
E38133-13R	ST26	2-4'	8/12/98	1,2-Dichloropropane	<MDL	ppm	1.8	NA	10	43
E38133-13R	ST26	2-4'	8/12/98	2-Butanone (MEK)	<MDL	ppm	3.7	1000	1000	50
E38133-13R	ST26	2-4'	8/12/98	2-Hexanone	<MDL	ppm	3.7	NA	NA	NA
E38133-13R	ST26	2-4'	8/12/98	4-Methyl-2-pentanone(MIBK)	<MDL	ppm	3.7	50	1000	1000
E38133-13R	ST26	2-4'	8/12/98	*Acenaphthene*	*14*	ppm	1.2	100	*3,400*	10000
E38133-13R	ST26	2-4'	8/12/98	Acenaphthylene	<MDL	ppm	1.2	NA	NA	NA
E38133-13R	ST26	2-4'	8/12/98	Acetone	<MDL	ppm	9.2	100	1000	1000
E38133-13R	ST26	2-4'	8/12/98	Anthracene	<MDL	ppm	1.2	100	10000	10000
E38133-13R	ST26	2-4'	8/12/98	*Aromatic Hydrocarbon*	*34*	ppm	N/A	N/A	*N/A*	N/A
E38133-13R	ST26	2-4'	8/12/98	Benzene	<MDL	ppm	1.8	1	3	13
E38133-13R	ST26	2-4'	8/12/98	*Benzene ethyl dimethyl isomer*	*41*	ppm	N/A	N/A	*N/A*	N/A
E38133-13R	ST26	2-4'	8/12/98	*Benzene,-ethyl-dimethyl-*	*43*	ppm	N/A	N/A	*N/A*	N/A
E38133-13R	ST26	2-4'	8/12/98	**Benzo(a)anthracene**	**3**	ppm	1.2	500	**0.9**	4
E38133-13R	ST26	2-4'	8/12/98	**Benzo(a)pyrene**	**4**	ppm	1.2	100	**0.66**	0.66
E38133-13R	ST26	2-4'	8/12/98	**Benzo(b)fluoranthene**	**3**	ppm	1.2	500	**0.9**	4
E38133-13R	ST26	2-4'	8/12/98	*Benzo(g,h,i)perylene*	*4*	ppm	1.2	NA	*NA*	NA
E38133-13R	ST26	2-4'	8/12/98	*Benzo(k)fluoranthene*	*3*	ppm	1.2	NA	*NA*	NA
E38133-13R	ST26	2-4'	8/12/98	Bromodichloromethane	<MDL	ppm	1.8	1	11	46
E38133-13R	ST26	2-4'	8/12/98	Bromoform	<MDL	ppm	1.8	1	86	370
E38133-13R	ST26	2-4'	8/12/98	Bromomethane	<MDL	ppm	1.8	1	79	1000
E38133-13R	ST26	2-4'	8/12/98	Carbon disulfide	<MDL	ppm	1.8	NA	NA	NA
E38133-13R	ST26	2-4'	8/12/98	Carbon tetrachloride	<MDL	ppm	1.8	1	2	4
E38133-13R	ST26	2-4'	8/12/98	Chlorobenzene	<MDL	ppm	1.8	1	37	680
E38133-13R	ST26	2-4'	8/12/98	Chloroethane	<MDL	ppm	1.8	NA	NA	NA
E38133-13R	ST26	2-4'	8/12/98	Chloroform	<MDL	ppm	1.8	1	19	28
E38133-13R	ST26	2-4'	8/12/98	Chloromethane	<MDL	ppm	1.8	10	520	1000
E38133-13R	ST26	2-4'	8/12/98	*Chrysene*	*3*	ppm	1.2	500	*9*	40
E38133-13R	ST26	2-4'	8/12/98	cis-1,2-Dichloroethene	<MDL	ppm	1.8	1	79	1000
E38133-13R	ST26	2-4'	8/12/98	cis-1,3-Dichloropropene	<MDL	ppm	1.8	1	4	5
E38133-13R	ST26	2-4'	8/12/98	Dibenzo(a,h)anthracene	<MDL	ppm	1.2	100	0.66	0.66
E38133-13R	ST26	2-4'	8/12/98	Dibromochloromethane	<MDL	ppm	1.8	1	110	1000
E38133-13R	ST26	2-4'	8/12/98	Ethylbenzene	<MDL	ppm	1.8	100	1,000	1,000
E38133-13R	ST26	2-4'	8/12/98	*Fluoranthene*	*4*	ppm	1.2	100	*2,300*	10000
E38133-13R	ST26	2-4'	8/12/98	*Fluorene*	*15*	ppm	1.2	100	*2,300*	10000
E38133-13R	ST26	2-4'	8/12/98	**Indeno(1,2,3-cd)pyrene**	**7**	ppm	1.2	500	**0.9**	4
E38133-13R	ST26	2-4'	8/12/98	Methylene chloride	<MDL	ppm	1.8	1	49	210
E38133-13R	ST26	2-4'	8/12/98	Naphthalene	<MDL	ppm	1.2	100	230	4,200
E38133-13R	ST26	2-4'	8/12/98	*Phenanthrene*	*41*	ppm	2.3	NA	*NA*	NA
E38133-13R	ST26	2-4'	8/12/98	*Pyrene*	*6*	ppm	1.2	100	*1,700*	10000
E38133-13R	ST26	2-4'	8/12/98	Styrene	<MDL	ppm	1.8	23	97	100
E38133-13R	ST26	2-4'	8/12/98	Tetrachloroethene	<MDL	ppm	1.8	1	4	6
E38133-13R	ST26	2-4'	8/12/98	Toluene	<MDL	ppm	1.8	500	1000	1000
E38133-13R	ST26	2-4'	8/12/98	*Total TIC, Volatile*	*558*	ppm	N/A	1000	*1000*	1000
E38133-13R	ST26	2-4'	8/12/98	trans-1,2-Dichloroethene	<MDL	ppm	1.8	50	1000	1000
E38133-13R	ST26	2-4'	8/12/98	trans-1,3-Dichloropropene	<MDL	ppm	1.8	1	4	5
E38133-13R	ST26	2-4'	8/12/98	Trichloroethene	<MDL	ppm	1.8	1	23	54
E38133-13R	ST26	2-4'	8/12/98	unknown	28	ppm	N/A	N/A	N/A	N/A

TABLE 1. NEWARK DELANCY TERMINAL SOIL DELINEATION ANALYTICAL RESULTS, AUGUST 1998

LABORATORY SAMPLE NO.	SAMPLE LOCATION	INTERVAL SAMPLED (ft)	DATE SAMPLED	CONSTITUENT	CONC.	UNITS	LAB MDL	IGSCC	RDCSCC	NDCSCC
E38133-13R	ST26	2-4'	8/12/98	unknown	31	ppm	N/A	N/A	N/A	N/A
E38133-13R	ST26	2-4'	8/12/98	unknown	53	ppm	N/A	N/A	N/A	N/A
E38133-13R	ST26	2-4'	8/12/98	unknown	35	ppm	N/A	N/A	N/A	N/A
E38133-13R	ST26	2-4'	8/12/98	unknown	39	ppm	N/A	N/A	N/A	N/A
E38133-13R	ST26	2-4'	8/12/98	unknown	32	ppm	N/A	N/A	N/A	N/A
E38133-13R	ST26	2-4'	8/12/98	unknown	37	ppm	N/A	N/A	N/A	N/A
E38133-13R	ST26	2-4'	8/12/98	unknown C10H12	28	ppm	N/A	N/A	N/A	N/A
E38133-13R	ST26	2-4'	8/12/98	unknown C10H12	50	ppm	N/A	N/A	N/A	N/A
E38133-13R	ST26	2-4'	8/12/98	unknown C11H14	38	ppm	N/A	N/A	N/A	N/A
E38133-13R	ST26	2-4'	8/12/98	unknown C11H16	34	ppm	N/A	N/A	N/A	N/A
E38133-13R	ST26	2-4'	8/12/98	unknown hydrocarbon	35	ppm	N/A	N/A	N/A	N/A
E38133-13R	ST26	2-4'	8/12/98	Vinyl chloride	<MDL	ppm	1.8	10	2	7
E38133-13R	ST26	2-4'	8/12/98	Xylene (total)	<MDL	ppm	1.8	10	410	1000
E38180-18	T304A	0-2'	8/13/98	1,1,1-Trichloroethane	<MDL	ppm	0.75	50	210	1000
E38180-18	T304A	0-2'	8/13/98	1,1,2,2-Tetrachloroethane	<MDL	ppm	0.75	1	34	70
E38180-18	T304A	0-2'	8/13/98	1,1,2-Trichloroethane	<MDL	ppm	0.75	1	22	420
E38180-18	T304A	0-2'	8/13/98	1,1-Dichloroethane	<MDL	ppm	0.75	10	570	1000
E38180-18	T304A	0-2'	8/13/98	1,1-Dichloroethene	<MDL	ppm	0.75	10	8	150
E38180-18	T304A	0-2'	8/13/98	1,2-Dichloroethane	<MDL	ppm	0.75	1	6	24
E38180-18	T304A	0-2'	8/13/98	1,2-Dichloropropane	<MDL	ppm	0.75	NA	10	43
E38180-18	T304A	0-2'	8/13/98	2-Butanone (MEK)	<MDL	ppm	1.5	NA	NA	NA
E38180-18	T304A	0-2'	8/13/98	2-Hexanone	<MDL	ppm	1.5	NA	NA	NA
E38180-18	T304A	0-2'	8/13/98	4-Methyl-2-pentanone(MIBK)	<MDL	ppm	1.5	50	1000	1000
E38180-18	T304A	0-2'	8/13/98	Acetone	<MDL	ppm	3.7	100	1000	1000
E38180-18	T304A	0-2'	8/13/98	Benzene	<MDL	ppm	0.75	1	3	13
E38180-18	T304A	0-2'	8/13/98	Bromodichloromethane	<MDL	ppm	0.75	1	11	46
E38180-18	T304A	0-2'	8/13/98	Bromoform	<MDL	ppm	0.75	1	86	370
E38180-18	T304A	0-2'	8/13/98	Bromomethane	<MDL	ppm	0.75	1	79	1000
E38180-18	T304A	0-2'	8/13/98	*Carbon dioxide*	*2*	ppm	N/A	NA	*NA*	NA
E38180-18	T304A	0-2'	8/13/98	Carbon disulfide	<MDL	ppm	0.75	NA	NA	NA
E38180-18	T304A	0-2'	8/13/98	Carbon tetrachloride	<MDL	ppm	0.75	1	2	4
E38180-18	T304A	0-2'	8/13/98	Chlorobenzene	<MDL	ppm	0.75	1	37	680
E38180-18	T304A	0-2'	8/13/98	Chloroethane	<MDL	ppm	0.75	NA	NA	NA
E38180-18	T304A	0-2'	8/13/98	Chloroform	<MDL	ppm	0.75	1	19	28
E38180-18	T304A	0-2'	8/13/98	Chloromethane	<MDL	ppm	0.75	10	520	1000
E38180-18	T304A	0-2'	8/13/98	cis-1,2-Dichloroethene	<MDL	ppm	0.75	1	79	1000
E38180-18	T304A	0-2'	8/13/98	cis-1,3-Dichloropropene	<MDL	ppm	0.75	1	4	5
E38180-18	T304A	0-2'	8/13/98	Dibromochloromethane	<MDL	ppm	0.75	1	110	10000
E38180-18	T304A	0-2'	8/13/98	Ethylbenzene	<MDL	ppm	0.75	100	1,000	1,000
E38180-18	T304A	0-2'	8/13/98	**Lead**	**6520**	ppm	12	400	**600**	TBD
E38180-18	T304A	0-2'	8/13/98	Methyl Tert Butyl Ether	<MDL	ppm	0.75	NA	NA	NA
E38180-18	T304A	0-2'	8/13/98	Methylene chloride	<MDL	ppm	0.75	1	49	210
E38180-18	T304A	0-2'	8/13/98	Solids, Percent	82.8	%	N/A	NA	NA	NA
E38180-18	T304A	0-2'	8/13/98	Styrene	<MDL	ppm	0.75	100	23	97
E38180-18	T304A	0-2'	8/13/98	Tert Butyl Alcohol	<MDL	ppm	7.5	NA	NA	NA
E38180-18	T304A	0-2'	8/13/98	Tetrachloroethene	<MDL	ppm	0.75	1	4	6
E38180-18	T304A	0-2'	8/13/98	*Toluene*	*1*	ppm	0.75	500	*1000*	1000
E38180-18	T304A	0-2'	8/13/98	Total TIC, Volatile	<MDL	ppm	N/A	1000	1000	1000
E38180-18	T304A	0-2'	8/13/98	*TPH-DRO (C9-C22)*	*145*	ppm	4	10000	*10000*	10000
E38180-18	T304A	0-2'	8/13/98	TPH-GRO (C4-C12)	<MDL	ppm	30	1000	1000	1000
E38180-18	T304A	0-2'	8/13/98	trans-1,2-Dichloroethene	<MDL	ppm	0.75	50	1000	1000
E38180-18	T304A	0-2'	8/13/98	trans-1,3-Dichloropropene	<MDL	ppm	0.75	1	4	5
E38180-18	T304A	0-2'	8/13/98	Trichloroethene	<MDL	ppm	0.75	1	23	54
E38180-18	T304A	0-2'	8/13/98	Vinyl chloride	<MDL	ppm	0.75	10	2	7
E38180-18	T304A	0-2'	8/13/98	*Xylene (total)*	*1*	ppm	0.75	10	*410*	1000
E38180-17	T304A	2-4'	8/13/98	1,1,1-Trichloroethane	<MDL	ppm	0.84	50	210	1000
E38180-17	T304A	2-4'	8/13/98	1,1,2,2-Tetrachloroethane	<MDL	ppm	0.84	1	34	70
E38180-17	T304A	2-4'	8/13/98	1,1,2-Trichloroethane	<MDL	ppm	0.84	1	22	420
E38180-17	T304A	2-4'	8/13/98	1,1-Dichloroethane	<MDL	ppm	0.84	10	570	1000

TABLE 1. NEWARK DELANCY TERMINAL SOIL DELINEATION ANALYTICAL RESULTS, AUGUST 1998

LABORATORY SAMPLE NO.	SAMPLE LOCATION	INTERVAL SAMPLED (ft)	DATE SAMPLED	CONSTITUENT	CONC.	UNITS	LAB MDL	IGSCC	RDCSCC	NDCSCC
E38180-17	T304A	2-4'	8/13/98	1,1-Dichloroethene	<MDL	ppm	0.84	10	8	150
E38180-17	T304A	2-4'	8/13/98	1,2-Dichloroethane	<MDL	ppm	0.84	1	6	24
E38180-17	T304A	2-4'	8/13/98	1,2-Dichloropropane	<MDL	ppm	0.84	NA	10	43
E38180-17	T304A	2-4'	8/13/98	2-Butanone (MEK)	<MDL	ppm	1.7	50	1000	1000
E38180-17	T304A	2-4'	8/13/98	2-Hexanone	<MDL	ppm	1.7	NA	NA	NA
E38180-17	T304A	2-4'	8/13/98	4-Methyl-2-pentanone(MIBK)	<MDL	ppm	1.7	50	1000	1000
E38180-17	T304A	2-4'	8/13/98	Acetone	<MDL	ppm	4.2	100	1000	1000
E38180-17	T304A	2-4'	8/13/98	Benzene	<MDL	ppm	0.84	1	3	13
E38180-17	T304A	2-4'	8/13/98	Bromodichloromethane	<MDL	ppm	0.84	1	11	46
E38180-17	T304A	2-4'	8/13/98	Bromoform	<MDL	ppm	0.84	1	86	370
E38180-17	T304A	2-4'	8/13/98	Bromomethane	<MDL	ppm	0.84	1	79	1000
E38180-17	T304A	2-4'	8/13/98	*Carbon dioxide*	2	ppm	<MDL	NA	*NA*	NA
E38180-17	T304A	2-4'	8/13/98	Carbon disulfide	<MDL	ppm	0.84	NA	NA	NA
E38180-17	T304A	2-4'	8/13/98	Carbon tetrachloride	<MDL	ppm	0.84	1	2	4
E38180-17	T304A	2-4'	8/13/98	Chlorobenzene	<MDL	ppm	0.84	1	37	680
E38180-17	T304A	2-4'	8/13/98	Chloroethane	<MDL	ppm	0.84	NA	NA	NA
E38180-17	T304A	2-4'	8/13/98	Chloroform	<MDL	ppm	0.84	1	19	28
E38180-17	T304A	2-4'	8/13/98	Chloromethane	<MDL	ppm	0.84	10	520	1000
E38180-17	T304A	2-4'	8/13/98	cis-1,2-Dichloroethene	<MDL	ppm	0.84	1	79	1000
E38180-17	T304A	2-4'	8/13/98	cis-1,3-Dichloropropene	<MDL	ppm	0.84	1	4	5
E38180-17	T304A	2-4'	8/13/98	Dibromochloromethane	<MDL	ppm	0.84	1	110	10000
E38180-17	T304A	2-4'	8/13/98	Ethylbenzene	<MDL	ppm	0.84	100	1,000	1,000
E38180-17	T304A	2-4'	8/13/98	**Lead**	**2090**	ppm	13	400	**600**	TBD
E38180-17	T304A	2-4'	8/13/98	Methyl Tert Butyl Ether	<MDL	ppm	0.84	NA	NA	NA
E38180-17	T304A	2-4'	8/13/98	Methylene chloride	<MDL	ppm	0.84	1	49	210
E38180-17	T304A	2-4'	8/13/98	Solids, Percent	75.9	%	N/A	NA	NA	NA
E38180-17	T304A	2-4'	8/13/98	Styrene	<MDL	ppm	0.84	100	23	97
E38180-17	T304A	2-4'	8/13/98	Tert Butyl Alcohol	<MDL	ppm	8.4	NA	NA	NA
E38180-17	T304A	2-4'	8/13/98	Tetrachloroethene	<MDL	ppm	0.84	1	4	6
E38180-17	T304A	2-4'	8/13/98	Toluene	<MDL	ppm	0.84	500	1000	1000
E38180-17	T304A	2-4'	8/13/98	Total TIC, Volatile	<MDL	ppm	<MDL	1000	1000	1000
E38180-17	T304A	2-4'	8/13/98	*TPH-DRO (C9-C22)*	*147*	ppm	4.4	10000	*10000*	10000
E38180-17	T304A	2-4'	8/13/98	TPH-GRO (C4-C12)	<MDL	ppm	29	1000	1000	1000
E38180-17	T304A	2-4'	8/13/98	trans-1,2-Dichloroethene	<MDL	ppm	0.84	50	1000	1000
E38180-17	T304A	2-4'	8/13/98	trans-1,3-Dichloropropene	<MDL	ppm	0.84	1	4	5
E38180-17	T304A	2-4'	8/13/98	Trichloroethene	<MDL	ppm	0.84	1	23	54
E38180-17	T304A	2-4'	8/13/98	Vinyl chloride	<MDL	ppm	0.84	10	2	7
E38180-17	T304A	2-4'	8/13/98	Xylene (total)	<MDL	ppm	0.84	10	410	1000
E38132-3	T304B	Surface	8/11/98	1,1,1-Trichloroethane	<MDL	ppm	0.71	50	210	1000
E38132-3	T304B	Surface	8/11/98	1,1,2,2-Tetrachloroethane	<MDL	ppm	0.71	1	34	70
E38132-3	T304B	Surface	8/11/98	1,1,2-Trichloroethane	<MDL	ppm	0.71	1	22	420
E38132-3	T304B	Surface	8/11/98	1,1-Dichloroethane	<MDL	ppm	0.71	10	570	1000
E38132-3	T304B	Surface	8/11/98	1,1-Dichloroethene	<MDL	ppm	0.71	10	8	150
E38132-3	T304B	Surface	8/11/98	1,2-Dichloroethane	<MDL	ppm	0.71	1	6	24
E38132-3	T304B	Surface	8/11/98	1,2-Dichloropropane	<MDL	ppm	0.71	NA	10	43
E38132-3	T304B	Surface	8/11/98	2-Butanone (MEK)	<MDL	ppm	1.4	50	1000	1000
E38132-3	T304B	Surface	8/11/98	2-Hexanone	<MDL	ppm	1.4	NA	NA	NA
E38132-3	T304B	Surface	8/11/98	4-Methyl-2-pentanone(MIBK)	<MDL	ppm	1.4	50	1000	1000
E38132-3	T304B	Surface	8/11/98	Acenaphthene	<MDL	ppm	0.21	100	3,400	10000
E38132-3	T304B	Surface	8/11/98	Acenaphthylene	<MDL	ppm	0.21	NA	NA	NA
E38132-3	T304B	Surface	8/11/98	Acetone	<MDL	ppm	3.6	100	1000	1000
E38132-3	T304B	Surface	8/11/98	Anthracene	<MDL	ppm	0.21	100	10000	10000
E38132-3	T304B	Surface	8/11/98	**Benzene**	**8**	ppm	0.71	1	**3**	13
E38132-3	T304B	Surface	8/11/98	Benzo(a)anthracene	<MDL	ppm	0.21	500	0.9	4
E38132-3	T304B	Surface	8/11/98	Benzo(a)pyrene	<MDL	ppm	0.21	100	0.66	0.66
E38132-3	T304B	Surface	8/11/98	Benzo(b)fluoranthene	<MDL	ppm	0.21	500	0.9	4
E38132-3	T304B	Surface	8/11/98	Benzo(g,h,i)perylene	<MDL	ppm	0.21	NA	NA	NA
E38132-3	T304B	Surface	8/11/98	Benzo(k)fluoranthene	<MDL	ppm	0.21	NA	NA	NA
E38132-3	T304B	Surface	8/11/98	Bromodichloromethane	<MDL	ppm	0.71	1	11	46
E38132-3	T304B	Surface	8/11/98	Bromoform	<MDL	ppm	0.71	1	86	370

TABLE 1. NEWARK DELANCY TERMINAL SOIL DELINEATION ANALYTICAL RESULTS, AUGUST 1998

LABORATORY SAMPLE NO.	SAMPLE LOCATION	INTERVAL SAMPLED (ft)	DATE SAMPLED	CONSTITUENT	CONC.	UNITS	LAB MDL	IGSCC	RDCSCC	NDCSCC
E38132-3	T304B	Surface	8/11/98	Bromomethane	<MDL	ppm	0.71	1	79	1000
E38132-3	T304B	Surface	8/11/98	Carbon disulfide	<MDL	ppm	0.71	NA	NA	NA
E38132-3	T304B	Surface	8/11/98	Carbon tetrachloride	<MDL	ppm	0.71	1	2	4
E38132-3	T304B	Surface	8/11/98	Chlorobenzene	<MDL	ppm	0.71	1	37	680
E38132-3	T304B	Surface	8/11/98	Chloroethane	<MDL	ppm	0.71	NA	NA	NA
E38132-3	T304B	Surface	8/11/98	Chloroform	<MDL	ppm	0.71	1	19	28
E38132-3	T304B	Surface	8/11/98	Chloromethane	<MDL	ppm	0.71	10	520	1000
E38132-3	T304B	Surface	8/11/98	Chrysene	<MDL	ppm	0.21	500	9	40
E38132-3	T304B	Surface	8/11/98	cis-1,2-Dichloroethene	<MDL	ppm	0.71	1	79	1000
E38132-3	T304B	Surface	8/11/98	cis-1,3-Dichloropropene	<MDL	ppm	0.71	1	4	5
E38132-3	T304B	Surface	8/11/98	Dibenzo(a,h)anthracene	<MDL	ppm	0.21	100	0.66	0.66
E38132-3	T304B	Surface	8/11/98	Dibromochloromethane	<MDL	ppm	0.71	1	110	1000
E38132-3	T304B	Surface	8/11/98	*Ethylbenzene*	*33*	ppm	0.71	100	*1,000*	1,000
E38132-3	T304B	Surface	8/11/98	Fluoranthene	<MDL	ppm	0.21	100	2,300	10000
E38132-3	T304B	Surface	8/11/98	Fluorene	<MDL	ppm	0.21	100	2,300	10000
E38132-3	T304B	Surface	8/11/98	*Heptane*	*59*	ppm	N/A	NA	*NA*	NA
E38132-3	T304B	Surface	8/11/98	Indeno(1,2,3-cd)pyrene	<MDL	ppm	0.21	500	0.9	4
E38132-3	T304B	Surface	8/11/98	Lead	41	ppm	13	400	600	TBD
E38132-3	T304B	Surface	8/11/98	*Methyl Tert Butyl Ether*	*32*	ppm	0.71	NA	*NA*	NA
E38132-3	T304B	Surface	8/11/98	Methylene chloride	<MDL	ppm	0.71	1	49	210
E38132-3	T304B	Surface	8/11/98	Naphthalene	<MDL	ppm	1	100	230	4,200
E38132-3	T304B	Surface	8/11/98	Phenanthrene	<MDL	ppm	0.21	NA	NA	NA
E38132-3	T304B	Surface	8/11/98	Pyrene	<MDL	ppm	0.21	100	1,700	10000
E38132-3	T304B	Surface	8/11/98	Solids, Percent	78.8	%	N/A	NA	NA	NA
E38132-3	T304B	Surface	8/11/98	Styrene	<MDL	ppm	0.71	NA	NA	NA
E38132-3	T304B	Surface	8/11/98	Tert Butyl Alcohol	<MDL	ppm	7.1	NA	NA	NA
E38132-3	T304B	Surface	8/11/98	Tetrachloroethene	<MDL	ppm	0.71	1	4(K)	6(K)
E38132-3	T304B	Surface	8/11/98	*Toluene*	*100*	ppm	2.8	500	*1000*	1000
E38132-3	T304B	Surface	8/11/98	*Total TIC, Volatile*	*549*	ppm	N/A	1000	*1000*	1000
E38132-3	T304B	Surface	8/11/98	*TPH-DRO (C9-C22)*	*952*	ppm	84	10000	*10000*	10000
E38132-3	T304B	Surface	8/11/98	**TPH-GRO (C4-C12)**	**2510**	ppm	30	1000	**1000**	1000
E38132-3	T304B	Surface	8/11/98	trans-1,2-Dichloroethene	<MDL	ppm	0.71	50	1000	1000
E38132-3	T304B	Surface	8/11/98	trans-1,3-Dichloropropene	<MDL	ppm	0.71	1	4	5
E38132-3	T304B	Surface	8/11/98	Trichloroethene	<MDL	ppm	0.71	1	23	54
E38132-3	T304B	Surface	8/11/98	*Trimethylbenzene*	*14*	ppm	N/A	NA	*NA*	NA
E38132-3	T304B	Surface	8/11/98	*Trimethylbenzene*	*40*	ppm	N/A	NA	*NA*	NA
E38132-3	T304B	Surface	8/11/98	*Trimethylbenzene*	*15*	ppm	N/A	NA	*NA*	NA
E38132-3	T304B	Surface	8/11/98	unknown	120	ppm	N/A	NA	NA	NA
E38132-3	T304B	Surface	8/11/98	unknown	34	ppm	N/A	NA	NA	NA
E38132-3	T304B	Surface	8/11/98	unknown	22	ppm	N/A	NA	NA	NA
E38132-3	T304B	Surface	8/11/98	unknown alkane	20	ppm	N/A	NA	NA	NA
E38132-3	T304B	Surface	8/11/98	unknown alkane	12	ppm	N/A	NA	NA	NA
E38132-3	T304B	Surface	8/11/98	unknown hydrocarbon	65	ppm	N/A	NA	NA	NA
E38132-3	T304B	Surface	8/11/98	unknown isomer of C10H12	15	ppm	N/A	NA	NA	NA
E38132-3	T304B	Surface	8/11/98	unknown isomer of C10H14	15	ppm	N/A	NA	NA	NA
E38132-3	T304B	Surface	8/11/98	unknown isomer of C7H14	29	ppm	N/A	NA	NA	NA
E38132-3	T304B	Surface	8/11/98	unknown isomer of C8H18	56	ppm	N/A	NA	NA	NA
E38132-3	T304B	Surface	8/11/98	unknown isomer of C9H12	33	ppm	N/A	NA	NA	NA
E38132-3	T304B	Surface	8/11/98	Vinyl chloride	<MDL	ppm	0.71	10	2	7
E38132-3	T304B	Surface	8/11/98	*Xylene (total)*	*209*	ppm	2.8	10	410	1000
E38180-13	T304C	0-2'	8/13/98	1,1,1-Trichloroethane	<MDL	ppm	0.7	50	210	1000
E38180-13	T304C	0-2'	8/13/98	1,1,2,2-Tetrachloroethane	<MDL	ppm	0.7	1	34	70
E38180-13	T304C	0-2'	8/13/98	1,1,2-Trichloroethane	<MDL	ppm	0.7	1	22	420
E38180-13	T304C	0-2'	8/13/98	1,1-Dichloroethane	<MDL	ppm	0.7	10	570	1000
E38180-13	T304C	0-2'	8/13/98	1,1-Dichloroethene	<MDL	ppm	0.7	10	8	150
E38180-13	T304C	0-2'	8/13/98	1,2-Dichloroethane	<MDL	ppm	0.7	1	6	24
E38180-13	T304C	0-2'	8/13/98	1,2-Dichloropropane	<MDL	ppm	0.7	NA	10	43
E38180-13	T304C	0-2'	8/13/98	2-Butanone (MEK)	<MDL	ppm	1.4	NA	NA	NA
E38180-13	T304C	0-2'	8/13/98	2-Hexanone	<MDL	ppm	1.4	NA	NA	NA
E38180-13	T304C	0-2'	8/13/98	4-Methyl-2-pentanone(MIBK)	<MDL	ppm	1.4	50	1000	1000

TABLE 1. NEWARK DELANCY TERMINAL SOIL DELINEATION ANALYTICAL RESULTS, AUGUST 1998

LABORATORY SAMPLE NO.	SAMPLE LOCATION	INTERVAL SAMPLED (ft)	DATE SAMPLED	CONSTITUENT	CONC.	UNITS	LAB MDL	IGSCC	RDCSCC	NDCSCC
E38180-13	T304C	0-2'	8/13/98	Acetone	<MDL	ppm	3.5	100	1000	1000
E38180-13	T304C	0-2'	8/13/98	*Benzene*	*2*	ppm	0.7	1	3	13
E38180-13	T304C	0-2'	8/13/98	Bromodichloromethane	<MDL	ppm	0.7	1	11	46
E38180-13	T304C	0-2'	8/13/98	Bromoform	<MDL	ppm	0.7	1	86	370
E38180-13	T304C	0-2'	8/13/98	Bromomethane	<MDL	ppm	0.7	1	79	1000
E38180-13	T304C	0-2'	8/13/98	*Carbon dioxide*	*1*	ppm	N/A	NA	*NA*	NA
E38180-13	T304C	0-2'	8/13/98	Carbon disulfide	<MDL	ppm	0.7	NA	NA	NA
E38180-13	T304C	0-2'	8/13/98	Carbon tetrachloride	<MDL	ppm	0.7	1	2	4
E38180-13	T304C	0-2'	8/13/98	Chlorobenzene	<MDL	ppm	0.7	1	37	680
E38180-13	T304C	0-2'	8/13/98	Chloroethane	<MDL	ppm	0.7	NA	NA	NA
E38180-13	T304C	0-2'	8/13/98	Chloroform	<MDL	ppm	0.7	1	19	28
E38180-13	T304C	0-2'	8/13/98	Chloromethane	<MDL	ppm	0.7	10	520	1000
E38180-13	T304C	0-2'	8/13/98	cis-1,2-Dichloroethene	<MDL	ppm	0.7	1	79	1000
E38180-13	T304C	0-2'	8/13/98	cis-1,3-Dichloropropene	<MDL	ppm	0.7	1	4	5
E38180-13	T304C	0-2'	8/13/98	Dibromochloromethane	<MDL	ppm	0.7	1	110	10000
E38180-13	T304C	0-2'	8/13/98	*Ethylbenzene*	*1*	ppm	0.7	100	*1,000*	1,000
E38180-13	T304C	0-2'	8/13/98	**Lead**	**1070**	ppm	11	400	**600**	TBD
E38180-13	T304C	0-2'	8/13/98	Methyl Tert Butyl Ether	<MDL	ppm	0.7	NA	NA	NA
E38180-13	T304C	0-2'	8/13/98	Methylene chloride	<MDL	ppm	0.7	1	49	210
E38180-13	T304C	0-2'	8/13/98	*Pentane, 2-methyl-*	*1*	ppm	N/A	NA	*NA*	NA
E38180-13	T304C	0-2'	8/13/98	Solids, Percent	90	%	N/A	NA	NA	NA
E38180-13	T304C	0-2'	8/13/98	Styrene	<MDL	ppm	0.7	100	23	97
E38180-13	T304C	0-2'	8/13/98	Tert Butyl Alcohol	<MDL	ppm	7	NA	NA	NA
E38180-13	T304C	0-2'	8/13/98	Tetrachloroethene	<MDL	ppm	0.7	1	4	6
E38180-13	T304C	0-2'	8/13/98	*Toluene*	*1*	ppm	0.7	500	*1000*	1000
E38180-13	T304C	0-2'	8/13/98	*Total TIC, Volatile*	*25*	ppm	N/A	1000	*1000*	1000
E38180-13	T304C	0-2'	8/13/98	*TPH-DRO (C9-C22)*	*200*	ppm	3.7	10000	*10000*	10000
E38180-13	T304C	0-2'	8/13/98	*TPH-GRO (C4-C12)*	*96.9*	ppm	29	1000	*1000*	1000
E38180-13	T304C	0-2'	8/13/98	trans-1,2-Dichloroethene	<MDL	ppm	0.7	50	1000	1000
E38180-13	T304C	0-2'	8/13/98	trans-1,3-Dichloropropene	<MDL	ppm	0.7	1	4	5
E38180-13	T304C	0-2'	8/13/98	Trichloroethene	<MDL	ppm	0.7	1	23	54
E38180-13	T304C	0-2'	8/13/98	*Trimethylbenzene*	*2*	ppm	N/A	NA	*NA*	NA
E38180-13	T304C	0-2'	8/13/98	unknown	1	ppm	N/A	NA	NA	NA
E38180-13	T304C	0-2'	8/13/98	unknown	1	ppm	N/A	NA	NA	NA
E38180-13	T304C	0-2'	8/13/98	unknown	2	ppm	N/A	NA	NA	NA
E38180-13	T304C	0-2'	8/13/98	unknown	2	ppm	N/A	NA	NA	NA
E38180-13	T304C	0-2'	8/13/98	unknown isomer of C10H12	3	ppm	N/A	NA	NA	NA
E38180-13	T304C	0-2'	8/13/98	unknown isomer of C10H14	2	ppm	N/A	NA	NA	NA
E38180-13	T304C	0-2'	8/13/98	unknown isomer of C10H14	2	ppm	N/A	NA	NA	NA
E38180-13	T304C	0-2'	8/13/98	unknown isomer of C10H14	2	ppm	N/A	NA	NA	NA
E38180-13	T304C	0-2'	8/13/98	unknown isomer of C10H14	1	ppm	N/A	NA	NA	NA
E38180-13	T304C	0-2'	8/13/98	unknown isomer of C9H12	3	ppm	N/A	NA	NA	NA
E38180-13	T304C	0-2'	8/13/98	unknown isomer of C9H12	1	ppm	N/A	NA	NA	NA
E38180-13	T304C	0-2'	8/13/98	unknown isomer of C9H12	1	ppm	N/A	NA	NA	NA
E38180-13	T304C	0-2'	8/13/98	Vinyl chloride	<MDL	ppm	0.7	10	2	7
E38180-13	T304C	0-2'	8/13/98	*Xylene (total)*	*2*	ppm	0.7	10	*410*	1000
E38180-14	T304C	2-4'	8/13/98	1,1,1-Trichloroethane	<MDL	ppm	10	50	210	1000
E38180-14	T304C	2-4'	8/13/98	1,1,2,2-Tetrachloroethane	<MDL	ppm	10	1	34	70
E38180-14	T304C	2-4'	8/13/98	1,1,2-Trichloroethane	<MDL	ppm	10	1	22	420
E38180-14	T304C	2-4'	8/13/98	1,1-Dichloroethane	<MDL	ppm	10	10	570	1000
E38180-14	T304C	2-4'	8/13/98	1,1-Dichloroethene	<MDL	ppm	10	10	8	150
E38180-14	T304C	2-4'	8/13/98	1,2-Dichloroethane	<MDL	ppm	10	1	6	24
E38180-14	T304C	2-4'	8/13/98	1,2-Dichloropropane	<MDL	ppm	10	(R)	10	43
E38180-14	T304C	2-4'	8/13/98	2-Butanone (MEK)	<MDL	ppm	20	NA	NA	NA
E38180-14	T304C	2-4'	8/13/98	2-Hexanone	<MDL	ppm	20	NA	NA	NA
E38180-14	T304C	2-4'	8/13/98	4-Methyl-2-pentanone(MIBK)	<MDL	ppm	20	50	1000	1000
E38180-14	T304C	2-4'	8/13/98	Acetone	<MDL	ppm	50	100	1000	1000
E38180-14	T304C	2-4'	8/13/98	**Benzene**	**23**	ppm	10	1	**3**	13
E38180-14	T304C	2-4'	8/13/98	*Benzene, -ethyl–methyl-*	*370*	ppm	N/A	NA	*NA*	NA
E38180-14	T304C	2-4'	8/13/98	*Benzene, propyl-*	*83*	ppm	N/A	NA	*NA*	NA

TABLE 1. NEWARK DELANCY TERMINAL SOIL DELINEATION ANALYTICAL RESULTS, AUGUST 1998

LABORATORY SAMPLE NO.	SAMPLE LOCATION	INTERVAL SAMPLED (ft)	DATE SAMPLED	CONSTITUENT	CONC.	UNITS	LAB MDL	IGSCC	RDCSCC	NDCSCC
E38180-14	T304C	2-4'	8/13/98	Bromodichloromethane	<MDL	ppm	10	1	11	6
E38180-14	T304C	2-4'	8/13/98	Bromoform	<MDL	ppm	10	1	86	370
E38180-14	T304C	2-4'	8/13/98	Bromomethane	<MDL	ppm	10	1	79	1000
E38180-14	T304C	2-4'	8/13/98	Carbon disulfide	<MDL	ppm	10	NA	NA	NA
E38180-14	T304C	2-4'	8/13/98	Carbon tetrachloride	<MDL	ppm	10	1	2	4
E38180-14	T304C	2-4'	8/13/98	Chlorobenzene	<MDL	ppm	10	1	37	680
E38180-14	T304C	2-4'	8/13/98	Chloroethane	<MDL	ppm	10	NA	NA	NA
E38180-14	T304C	2-4'	8/13/98	Chloroform	<MDL	ppm	10	1	19	28
E38180-14	T304C	2-4'	8/13/98	Chloromethane	<MDL	ppm	10	10	520	1000
E38180-14	T304C	2-4'	8/13/98	cis-1,2-Dichloroethene	<MDL	ppm	10	1	79	1000
E38180-14	T304C	2-4'	8/13/98	cis-1,3-Dichloropropene	<MDL	ppm	10	1	4	5
E38180-14	T304C	2-4'	8/13/98	Dibromochloromethane	<MDL	ppm	10	1	110	10000
E38180-14	T304C	2-4'	8/13/98	*Ethylbenzene*	*219*	ppm	10	100	*1,000*	1,000
E38180-14	T304C	2-4'	8/13/98	**Lead**	**734**	ppm	15	400	**600**	TBD
E38180-14	T304C	2-4'	8/13/98	Methyl Tert Butyl Ether	<MDL	ppm	10	NA	NA	NA
E38180-14	T304C	2-4'	8/13/98	Methylene chloride	<MDL	ppm	10	1	49	210
E38180-14	T304C	2-4'	8/13/98	Solids, Percent	67.6	%	N/A	NA	NA	NA
E38180-14	T304C	2-4'	8/13/98	Styrene	<MDL	ppm	10	100	23	97
E38180-14	T304C	2-4'	8/13/98	Tert Butyl Alcohol	<MDL	ppm	100	NA	NA	NA
E38180-14	T304C	2-4'	8/13/98	Tetrachloroethene	<MDL	ppm	10	1	4	6
E38180-14	T304C	2-4'	8/13/98	*Toluene*	*83*	ppm	10	500	*1000*	1000
E38180-14	T304C	2-4'	8/13/98	**Total TIC, Volatile**	**2399**	ppm	N/A	1000	**1000**	1000
E38180-14	T304C	2-4'	8/13/98	*TPH-DRO (C9-C22)*	*3540*	ppm	240	10000	*10000*	10000
E38180-14	T304C	2-4'	8/13/98	**TPH-GRO (C4-C12)**	**10900**	ppm	190	1000	**1000**	1000
E38180-14	T304C	2-4'	8/13/98	trans-1,2-Dichloroethene	<MDL	ppm	10	50	1000	1000
E38180-14	T304C	2-4'	8/13/98	trans-1,3-Dichloropropene	<MDL	ppm	10	1	4	5
E38180-14	T304C	2-4'	8/13/98	Trichloroethene	<MDL	ppm	10	1	23	54
E38180-14	T304C	2-4'	8/13/98	*Trimethylbenzene*	*150*	ppm	N/A	NA	*NA*	NA
E38180-14	T304C	2-4'	8/13/98	unknown alkane	180	ppm	N/A	NA	NA	NA
E38180-14	T304C	2-4'	8/13/98	unknown alkane	98	ppm	N/A	NA	NA	NA
E38180-14	T304C	2-4'	8/13/98	unknown alkane	82	ppm	N/A	NA	NA	NA
E38180-14	T304C	2-4'	8/13/98	unknown isomer of C10H12	140	ppm	N/A	NA	NA	NA
E38180-14	T304C	2-4'	8/13/98	unknown isomer of C10H14	120	ppm	N/A	NA	NA	NA
E38180-14	T304C	2-4'	8/13/98	unknown isomer of C10H14	150	ppm	N/A	NA	NA	NA
E38180-14	T304C	2-4'	8/13/98	unknown isomer of C10H14	110	ppm	N/A	NA	NA	NA
E38180-14	T304C	2-4'	8/13/98	unknown isomer of C10H14	120	ppm	N/A	NA	NA	NA
E38180-14	T304C	2-4'	8/13/98	unknown isomer of C8H18	86	ppm	N/A	NA	NA	NA
E38180-14	T304C	2-4'	8/13/98	unknown isomer of C9H12	100	ppm	N/A	NA	NA	NA
E38180-14	T304C	2-4'	8/13/98	unknown isomer of C9H12	470	ppm	N/A	NA	NA	NA
E38180-14	T304C	2-4'	8/13/98	unknown isomer of C9H12	140	ppm	N/A	NA	NA	NA
E38180-14	T304C	2-4'	8/13/98	Vinyl chloride	<MDL	ppm	10	10	2	7
E38180-14	T304C	2-4'	8/13/98	**Xylene (total)**	**1120**	ppm	10	10	**410**	1000
E38180-16	T304D	0-2'	8/13/98	1,1,1-Trichloroethane	<MDL	ppm	0.64	50	210	1000
E38180-16	T304D	0-2'	8/13/98	1,1,2,2-Tetrachloroethane	<MDL	ppm	0.64	1	34	70
E38180-16	T304D	0-2'	8/13/98	1,1,2-Trichloroethane	<MDL	ppm	0.64	1	22	420
E38180-16	T304D	0-2'	8/13/98	1,1-Dichloroethane	<MDL	ppm	0.64	10	570	1000
E38180-16	T304D	0-2'	8/13/98	1,1-Dichloroethene	<MDL	ppm	0.64	10	8	150
E38180-16	T304D	0-2'	8/13/98	1,2-Dichloroethane	<MDL	ppm	0.64	1	6	24
E38180-16	T304D	0-2'	8/13/98	1,2-Dichloropropane	<MDL	ppm	0.64	NA	10	43
E38180-16	T304D	0-2'	8/13/98	2-Butanone (MEK)	<MDL	ppm	1.3	NA	NA	NA
E38180-16	T304D	0-2'	8/13/98	2-Hexanone	<MDL	ppm	1.3	NA	NA	NA
E38180-16	T304D	0-2'	8/13/98	4-Methyl-2-pentanone(MIBK)	<MDL	ppm	1.3	50	1000	1000
E38180-16	T304D	0-2'	8/13/98	Acetone	<MDL	ppm	3.2	100	1000	1000
E38180-16	T304D	0-2'	8/13/98	Benzene	<MDL	ppm	0.64	1	3	13
E38180-16	T304D	0-2'	8/13/98	Bromodichloromethane	<MDL	ppm	0.64	1	11	46
E38180-16	T304D	0-2'	8/13/98	Bromoform	<MDL	ppm	0.64	1	86	370
E38180-16	T304D	0-2'	8/13/98	Bromomethane	<MDL	ppm	0.64	1	79	1000
E38180-16	T304D	0-2'	8/13/98	*Carbon dioxide*	*1*	ppm	N/A	NA	*NA*	NA
E38180-16	T304D	0-2'	8/13/98	Carbon disulfide	<MDL	ppm	0.64	NA	NA	NA
E38180-16	T304D	0-2'	8/13/98	Carbon tetrachloride	<MDL	ppm	0.64	1	2	4

TABLE 1. NEWARK DELANCY TERMINAL SOIL DELINEATION ANALYTICAL RESULTS, AUGUST 1998

LABORATORY SAMPLE NO.	SAMPLE LOCATION	INTERVAL SAMPLED (ft)	DATE SAMPLED	CONSTITUENT	CONC.	UNITS	LAB MDL	IGSCC	RDCSCC	NDCSCC
E38180-16	T304D	0-2'	8/13/98	Chlorobenzene	<MDL	ppm	0.64	1	37	680
E38180-16	T304D	0-2'	8/13/98	Chloroethane	<MDL	ppm	0.64	NA	NA	NA
E38180-16	T304D	0-2'	8/13/98	Chloroform	<MDL	ppm	0.64	1	19	28
E38180-16	T304D	0-2'	8/13/98	Chloromethane	<MDL	ppm	0.64	10	520	1000
E38180-16	T304D	0-2'	8/13/98	cis-1,2-Dichloroethene	<MDL	ppm	0.64	1	79	1000
E38180-16	T304D	0-2'	8/13/98	cis-1,3-Dichloropropene	<MDL	ppm	0.64	1	4	5
E38180-16	T304D	0-2'	8/13/98	Dibromochloromethane	<MDL	ppm	0.64	1	110	10000
E38180-16	T304D	0-2'	8/13/98	Ethylbenzene	<MDL	ppm	0.64	100	1,000	1,000
E38180-16	T304D	0-2'	8/13/98	**Lead**	**1070**	ppm	11	400	**600**	TBD
E38180-16	T304D	0-2'	8/13/98	Methyl Tert Butyl Ether	<MDL	ppm	0.64	NA	NA	NA
E38180-16	T304D	0-2'	8/13/98	Methylene chloride	<MDL	ppm	0.64	1	49	210
E38180-16	T304D	0-2'	8/13/98	Solids, Percent	87	%	N/A	NA	NA	NA
E38180-16	T304D	0-2'	8/13/98	Styrene	<MDL	ppm	0.64	100	23	97
E38180-16	T304D	0-2'	8/13/98	Tert Butyl Alcohol	<MDL	ppm	6.4	NA	NA	NA
E38180-16	T304D	0-2'	8/13/98	Tetrachloroethene	<MDL	ppm	0.64	1	4	6
E38180-16	T304D	0-2'	8/13/98	*Toluene*	*1*	ppm	0.64	500	*1000*	1000
E38180-16	T304D	0-2'	8/13/98	Total TIC, Volatile	<MDL	ppm	N/A	1000	1000	1000
E38180-16	T304D	0-2'	8/13/98	*TPH-DRO (C9-C22)*	*105*	ppm	3.8	10000	*10000*	10000
E38180-16	T304D	0-2'	8/13/98	TPH-GRO (C4-C12)	<MDL	ppm	28	1000	1000	1000
E38180-16	T304D	0-2'	8/13/98	trans-1,2-Dichloroethene	<MDL	ppm	0.64	50	1000	1000
E38180-16	T304D	0-2'	8/13/98	trans-1,3-Dichloropropene	<MDL	ppm	0.64	1	4	5
E38180-16	T304D	0-2'	8/13/98	Trichloroethene	<MDL	ppm	0.64	1	23	54
E38180-16	T304D	0-2'	8/13/98	Vinyl chloride	<MDL	ppm	0.64	10	2	7
E38180-16	T304D	0-2'	8/13/98	Xylene (total)	<MDL	ppm	0.64	10	410	1000
E38180-15	T304D	2-4'	8/13/98	1,1,1-Trichloroethane	<MDL	ppm	7.6	50	210	1000
E38180-15	T304D	2-4'	8/13/98	1,1,2,2-Tetrachloroethane	<MDL	ppm	7.6	1	34	70
E38180-15	T304D	2-4'	8/13/98	1,1,2-Trichloroethane	<MDL	ppm	7.6	1	22	420
E38180-15	T304D	2-4'	8/13/98	1,1-Dichloroethane	<MDL	ppm	7.6	10	570	1000
E38180-15	T304D	2-4'	8/13/98	1,1-Dichloroethene	<MDL	ppm	7.6	10	8	150
E38180-15	T304D	2-4'	8/13/98	1,2-Dichloroethane	<MDL	ppm	7.6	1	6	24
E38180-15	T304D	2-4'	8/13/98	1,2-Dichloropropane	<MDL	ppm	7.6	NA	10	43
E38180-15	T304D	2-4'	8/13/98	2-Butanone (MEK)	<MDL	ppm	15	50	1000	1000
E38180-15	T304D	2-4'	8/13/98	2-Hexanone	<MDL	ppm	15	NA	NA	NA
E38180-15	T304D	2-4'	8/13/98	4-Methyl-2-pentanone(MIBK)	<MDL	ppm	15	50	1000	1000
E38180-15	T304D	2-4'	8/13/98	Acetone	<MDL	ppm	38	100	1000	1000
E38180-15	T304D	2-4'	8/13/98	**Benzene**	**4**	ppm	7.6	1	**3**	13
E38180-15	T304D	2-4'	8/13/98	Bromodichloromethane	<MDL	ppm	7.6	1	11	46
E38180-15	T304D	2-4'	8/13/98	Bromoform	<MDL	ppm	7.6	1	86	370
E38180-15	T304D	2-4'	8/13/98	Bromomethane	<MDL	ppm	7.6	1	79	1000
E38180-15	T304D	2-4'	8/13/98	Carbon disulfide	<MDL	ppm	7.6	NA	NA	NA
E38180-15	T304D	2-4'	8/13/98	Carbon tetrachloride	<MDL	ppm	7.6	1	2	4
E38180-15	T304D	2-4'	8/13/98	Chlorobenzene	<MDL	ppm	7.6	1	37	680
E38180-15	T304D	2-4'	8/13/98	Chloroethane	<MDL	ppm	7.6	NA	NA	NA
E38180-15	T304D	2-4'	8/13/98	Chloroform	<MDL	ppm	7.6	1	19	28
E38180-15	T304D	2-4'	8/13/98	Chloromethane	<MDL	ppm	7.6	10	520	1000
E38180-15	T304D	2-4'	8/13/98	cis-1,2-Dichloroethene	<MDL	ppm	7.6	1	79	1000
E38180-15	T304D	2-4'	8/13/98	cis-1,3-Dichloropropene	<MDL	ppm	7.6	1	4	5
E38180-15	T304D	2-4'	8/13/98	Dibromochloromethane	<MDL	ppm	7.6	1	110	10000
E38180-15	T304D	2-4'	8/13/98	*Ethylbenzene*	*61*	ppm	7.6	100	*1,000*	1,000
E38180-15	T304D	2-4'	8/13/98	**Lead**	**1180**	ppm	13	400	**600**	TBD
E38180-15	T304D	2-4'	8/13/98	Methyl Tert Butyl Ether	<MDL	ppm	7.6	NA	NA	NA
E38180-15	T304D	2-4'	8/13/98	Methylene chloride	<MDL	ppm	7.6	1	49	210
E38180-15	T304D	2-4'	8/13/98	Solids, Percent	76	%	N/A	NA	NA	NA
E38180-15	T304D	2-4'	8/13/98	Styrene	<MDL	ppm	7.6	100	23	97
E38180-15	T304D	2-4'	8/13/98	Tert Butyl Alcohol	<MDL	ppm	76	NA	NA	NA
E38180-15	T304D	2-4'	8/13/98	Tetrachloroethene	<MDL	ppm	7.6	1	4	6
E38180-15	T304D	2-4'	8/13/98	*Toluene*	*10*	ppm	7.6	500	*1000*	1000
E38180-15	T304D	2-4'	8/13/98	**Total TIC, Volatile**	**1815**	ppm	<MDL	1000	**1000**	1000
E38180-15	T304D	2-4'	8/13/98	*TPH-DRO (C9-C22)*	*3000*	ppm	240	10000	*10000*	10000
E38180-15	T304D	2-4'	8/13/98	**TPH-GRO (C4-C12)**	**8020**	ppm	150	1000	**1000**	1000

TABLE 1. NEWARK DELANCY TERMINAL SOIL DELINEATION ANALYTICAL RESULTS, AUGUST 1998

LABORATORY SAMPLE NO.	SAMPLE LOCATION	INTERVAL SAMPLED (ft)	DATE SAMPLED	CONSTITUENT	CONC.	UNITS	LAB MDL	IGSCC	RDCSCC	NDCSCC
E38180-15	T304D	2-4'	8/13/98	trans-1,2-Dichloroethene	<MDL	ppm	7.6	50	1000	1000
E38180-15	T304D	2-4'	8/13/98	trans-1,3-Dichloropropene	<MDL	ppm	7.6	1	4	5
E38180-15	T304D	2-4'	8/13/98	Trichloroethene	<MDL	ppm	7.6	1	23	54
E38180-15	T304D	2-4'	8/13/98	unknown alkane	260	ppm	NA	NA	NA	NA
E38180-15	T304D	2-4'	8/13/98	unknown alkane	97	ppm	NA	NA	NA	NA
E38180-15	T304D	2-4'	8/13/98	unknown alkane	89	ppm	NA	NA	NA	NA
E38180-15	T304D	2-4'	8/13/98	unknown alkane	99	ppm	NA	NA	NA	NA
E38180-15	T304D	2-4'	8/13/98	unknown alkane	67	ppm	NA	NA	NA	NA
E38180-15	T304D	2-4'	8/13/98	unknown isomer of C10H12	87	ppm	NA	NA	NA	NA
E38180-15	T304D	2-4'	8/13/98	unknown isomer of C10H14	120	ppm	NA	NA	NA	NA
E38180-15	T304D	2-4'	8/13/98	unknown isomer of C10H14	100	ppm	NA	NA	NA	NA
E38180-15	T304D	2-4'	8/13/98	unknown isomer of C10H14	75	ppm	NA	NA	NA	NA
E38180-15	T304D	2-4'	8/13/98	unknown isomer of C10H14	74	ppm	NA	NA	NA	NA
E38180-15	T304D	2-4'	8/13/98	unknown isomer of C8H18	85	ppm	NA	NA	NA	NA
E38180-15	T304D	2-4'	8/13/98	unknown isomer of C9H12	210	ppm	NA	NA	NA	NA
E38180-15	T304D	2-4'	8/13/98	unknown isomer of C9H12	96	ppm	NA	NA	NA	NA
E38180-15	T304D	2-4'	8/13/98	unknown isomer of C9H12	270	ppm	NA	NA	NA	NA
E38180-15	T304D	2-4'	8/13/98	unknown isomer of C9H12	86	ppm	NA	NA	NA	NA
E38180-15	T304D	2-4'	8/13/98	Vinyl chloride	<MDL	ppm	7.6	10	2	7
E38180-15	T304D	2-4'	8/13/98	**Xylene (total)**	**546**	ppm	7.6	10	**410**	1000
E38180-6	T304E	0-2'	8/13/98	1,1,1-Trichloroethane	<MDL	ppm	0.66	50	210	1000
E38180-6	T304E	0-2'	8/13/98	1,1,2,2-Tetrachloroethane	<MDL	ppm	0.66	1	34	70
E38180-6	T304E	0-2'	8/13/98	1,1,2-Trichloroethane	<MDL	ppm	0.66	1	22	420
E38180-6	T304E	0-2'	8/13/98	1,1-Dichloroethane	<MDL	ppm	0.66	10	570	1000
E38180-6	T304E	0-2'	8/13/98	1,1-Dichloroethene	<MDL	ppm	0.66	10	8	150
E38180-6	T304E	0-2'	8/13/98	1,2-Dichloroethane	<MDL	ppm	0.66	1	6	24
E38180-6	T304E	0-2'	8/13/98	1,2-Dichloropropane	<MDL	ppm	0.66	NA	10	43
E38180-6	T304E	0-2'	8/13/98	2-Butanone (MEK)	<MDL	ppm	1.3	NA	NA	NA
E38180-6	T304E	0-2'	8/13/98	2-Hexanone	<MDL	ppm	1.3	NA	NA	NA
E38180-6	T304E	0-2'	8/13/98	4-Methyl-2-pentanone(MIBK)	<MDL	ppm	1.3	50	1000	1000
E38180-6	T304E	0-2'	8/13/98	Acetone	<MDL	ppm	3.3	100	1000	1000
E38180-6	T304E	0-2'	8/13/98	*Benzene*	*1*	ppm	0.66	1	3	13
E38180-6	T304E	0-2'	8/13/98	Bromodichloromethane	<MDL	ppm	0.66	1	11	46
E38180-6	T304E	0-2'	8/13/98	Bromoform	<MDL	ppm	0.66	1	86	370
E38180-6	T304E	0-2'	8/13/98	Bromomethane	<MDL	ppm	0.66	1	79	1000
E38180-6	T304E	0-2'	8/13/98	*Carbon dioxide*	*1*	ppm	N/A	NA	*NA*	NA
E38180-6	T304E	0-2'	8/13/98	Carbon disulfide	<MDL	ppm	0.66	NA	NA	NA
E38180-6	T304E	0-2'	8/13/98	Carbon tetrachloride	<MDL	ppm	0.66	1	2	4
E38180-6	T304E	0-2'	8/13/98	Chlorobenzene	<MDL	ppm	0.66	1	37	680
E38180-6	T304E	0-2'	8/13/98	Chloroethane	<MDL	ppm	0.66	NA	NA	NA
E38180-6	T304E	0-2'	8/13/98	Chloroform	<MDL	ppm	0.66	1	19	28
E38180-6	T304E	0-2'	8/13/98	Chloromethane	<MDL	ppm	0.66	10	520	1000
E38180-6	T304E	0-2'	8/13/98	cis-1,2-Dichloroethene	<MDL	ppm	0.66	1	79	1000
E38180-6	T304E	0-2'	8/13/98	cis-1,3-Dichloropropene	<MDL	ppm	0.66	1	4	5
E38180-6	T304E	0-2'	8/13/98	Dibromochloromethane	<MDL	ppm	0.66	1	110	1000
E38180-6	T304E	0-2'	8/13/98	Ethylbenzene	<MDL	ppm	0.66	100	1,000	1,000
E38180-6	T304E	0-2'	8/13/98	**Lead**	**886**	ppm	12	400	**600**	TBD
E38180-6	T304E	0-2'	8/13/98	Methyl Tert Butyl Ether	<MDL	ppm	0.66	NA	NA	NA
E38180-6	T304E	0-2'	8/13/98	Methylene chloride	<MDL	ppm	0.66	1	49	210
E38180-6	T304E	0-2'	8/13/98	*Pentane, 2-methyl-*	*1*	ppm	N/A	NA	*NA*	NA
E38180-6	T304E	0-2'	8/13/98	Solids, Percent	86.2	%	N/A	NA	NA	NA
E38180-6	T304E	0-2'	8/13/98	Styrene	<MDL	ppm	0.66	100	23	97
E38180-6	T304E	0-2'	8/13/98	Tert Butyl Alcohol	<MDL	ppm	6.6	NA	NA	NA
E38180-6	T304E	0-2'	8/13/98	Tetrachloroethene	<MDL	ppm	0.66	1	4	6
E38180-6	T304E	0-2'	8/13/98	*Toluene*	*1*	ppm	0.66	500	*1000*	1000
E38180-6	T304E	0-2'	8/13/98	*Total TIC, Volatile*	*3*	ppm	N/A	1000	*1000*	1000
E38180-6	T304E	0-2'	8/13/98	*TPH-DRO (C9-C22)*	*145*	ppm	3.8	10000	*10000*	10000
E38180-6	T304E	0-2'	8/13/98	TPH-GRO (C4-C12)	<MDL	ppm	29	1000	1000	1000
E38180-6	T304E	0-2'	8/13/98	trans-1,2-Dichloroethene	<MDL	ppm	0.66	50	1000	1000
E38180-6	T304E	0-2'	8/13/98	trans-1,3-Dichloropropene	<MDL	ppm	0.66	1	4	5

TABLE 1. NEWARK DELANCY TERMINAL SOIL DELINEATION ANALYTICAL RESULTS, AUGUST 1998

LABORATORY SAMPLE NO.	SAMPLE LOCATION	INTERVAL SAMPLED (ft)	DATE SAMPLED	CONSTITUENT	CONC.	UNITS	LAB MDL	IGSCC	RDCSCC	NDCSCC
E38180-6	T304E	0-2'	8/13/98	Trichloroethene	<MDL	ppm	0.66	1	23	54
E38180-6	T304E	0-2'	8/13/98	unknown	1	ppm	N/A	NA	NA	NA
E38180-6	T304E	0-2'	8/13/98	unknown alkane	1	ppm	N/A	NA	NA	NA
E38180-6	T304E	0-2'	8/13/98	Vinyl chloride	<MDL	ppm	0.66	10	2	7
E38180-6	T304E	0-2'	8/13/98	*Xylene (total)*	*1*	ppm	0.66	10	*410*	1000
E38180-7	T304E	2-4'	8/13/98	1,1,1-Trichloroethane	<MDL	ppm	0.81	50	210	1000
E38180-7	T304E	2-4'	8/13/98	1,1,2,2-Tetrachloroethane	<MDL	ppm	0.81	1	34	70
E38180-7	T304E	2-4'	8/13/98	1,1,2-Trichloroethane	<MDL	ppm	0.81	1	22	420
E38180-7	T304E	2-4'	8/13/98	1,1-Dichloroethane	<MDL	ppm	0.81	10	570	1000
E38180-7	T304E	2-4'	8/13/98	1,1-Dichloroethene	<MDL	ppm	0.81	10	8	150
E38180-7	T304E	2-4'	8/13/98	1,2-Dichloroethane	<MDL	ppm	0.81	1	6	24
E38180-7	T304E	2-4'	8/13/98	1,2-Dichloropropane	<MDL	ppm	0.81	NA	10	43
E38180-7	T304E	2-4'	8/13/98	2-Butanone (MEK)	<MDL	ppm	1.6	NA	NA	NA
E38180-7	T304E	2-4'	8/13/98	2-Hexanone	<MDL	ppm	1.6	NA	NA	NA
E38180-7	T304E	2-4'	8/13/98	4-Methyl-2-pentanone(MIBK)	<MDL	ppm	1.6	50	1000	1000
E38180-7	T304E	2-4'	8/13/98	Acetone	<MDL	ppm	4	100	1000	1000
E38180-7	T304E	2-4'	8/13/98	**Benzene**	**20**	ppm	0.81	1	**3**	13
E38180-7	T304E	2-4'	8/13/98	*Benzene, propyl-*	*32*	ppm	N/A	NA	*NA*	NA
E38180-7	T304E	2-4'	8/13/98	Bromodichloromethane	<MDL	ppm	0.81	1	11	46
E38180-7	T304E	2-4'	8/13/98	Bromoform	<MDL	ppm	0.81	1	86	370
E38180-7	T304E	2-4'	8/13/98	Bromomethane	<MDL	ppm	0.81	1	79	1000
E38180-7	T304E	2-4'	8/13/98	Carbon disulfide	<MDL	ppm	0.81	NA	NA	NA
E38180-7	T304E	2-4'	8/13/98	Carbon tetrachloride	<MDL	ppm	0.81	1	2	4
E38180-7	T304E	2-4'	8/13/98	Chlorobenzene	<MDL	ppm	0.81	1	37	680
E38180-7	T304E	2-4'	8/13/98	Chloroethane	<MDL	ppm	0.81	NA	NA	NA
E38180-7	T304E	2-4'	8/13/98	Chloroform	<MDL	ppm	0.81	1	19	28
E38180-7	T304E	2-4'	8/13/98	Chloromethane	<MDL	ppm	0.81	10	520	1000
E38180-7	T304E	2-4'	8/13/98	cis-1,2-Dichloroethene	<MDL	ppm	0.81	1	79	1000
E38180-7	T304E	2-4'	8/13/98	cis-1,3-Dichloropropene	<MDL	ppm	0.81	1	4	5
E38180-7	T304E	2-4'	8/13/98	Dibromochloromethane	<MDL	ppm	0.81	1	110	10000
E38180-7	T304E	2-4'	8/13/98	*Ethylbenzene*	*89*	ppm	8.1	100	*1,000*	1,000
E38180-7	T304E	2-4'	8/13/98	**Lead**	**821**	ppm	12	400	**600**	TBD
E38180-7	T304E	2-4'	8/13/98	Methyl Tert Butyl Ether	<MDL	ppm	0.81	NA	NA	NA
E38180-7	T304E	2-4'	8/13/98	Methylene chloride	<MDL	ppm	0.81	1	49	210
E38180-7	T304E	2-4'	8/13/98	Solids, Percent	81.2	%	N/A	NA	NA	NA
E38180-7	T304E	2-4'	8/13/98	Styrene	<MDL	ppm	0.81	100	23	97
E38180-7	T304E	2-4'	8/13/98	Tert Butyl Alcohol	<MDL	ppm	8.1	NA	NA	NA
E38180-7	T304E	2-4'	8/13/98	Tetrachloroethene	<MDL	ppm	0.81	1	4	6
E38180-7	T304E	2-4'	8/13/98	*Toluene*	*35*	ppm	0.81	500	*1000*	1000
E38180-7	T304E	2-4'	8/13/98	*Total TIC, Volatile*	*907*	ppm	N/A	1000	*1000*	1000
E38180-7	T304E	2-4'	8/13/98	*TPH-DRO (C9-C22)*	*1990*	ppm	41	10000	*10000*	10000
E38180-7	T304E	2-4'	8/13/98	**TPH-GRO (C4-C12)**	**5850**	ppm	30	1000	**1000**	1000
E38180-7	T304E	2-4'	8/13/98	trans-1,2-Dichloroethene	<MDL	ppm	0.81	50	1000	1000
E38180-7	T304E	2-4'	8/13/98	trans-1,3-Dichloropropene	<MDL	ppm	0.81	1	4	5
E38180-7	T304E	2-4'	8/13/98	Trichloroethene	<MDL	ppm	0.81	1	23	54
E38180-7	T304E	2-4'	8/13/98	unknown	34	ppm	N/A	NA	NA	NA
E38180-7	T304E	2-4'	8/13/98	unknown alkane	62	ppm	N/A	NA	NA	NA
E38180-7	T304E	2-4'	8/13/98	unknown isomer of C10H12	50	ppm	N/A	NA	NA	NA
E38180-7	T304E	2-4'	8/13/98	unknown isomer of C10H14	74	ppm	N/A	NA	NA	NA
E38180-7	T304E	2-4'	8/13/98	unknown isomer of C10H14	66	ppm	N/A	NA	NA	NA
E38180-7	T304E	2-4'	8/13/98	unknown isomer of C10H14	45	ppm	N/A	NA	NA	NA
E38180-7	T304E	2-4'	8/13/98	unknown isomer of C10H14	44	ppm	N/A	NA	NA	NA
E38180-7	T304E	2-4'	8/13/98	unknown isomer of C10H14	31	ppm	N/A	NA	NA	NA
E38180-7	T304E	2-4'	8/13/98	unknown isomer of C13H28	44	ppm	N/A	NA	NA	NA
E38180-7	T304E	2-4'	8/13/98	unknown isomer of C9H12	130	ppm	N/A	NA	NA	NA
E38180-7	T304E	2-4'	8/13/98	unknown isomer of C9H12	60	ppm	N/A	NA	NA	NA
E38180-7	T304E	2-4'	8/13/98	unknown isomer of C9H12	44	ppm	N/A	NA	NA	NA
E38180-7	T304E	2-4'	8/13/98	unknown isomer of C9H12	140	ppm	N/A	NA	NA	NA
E38180-7	T304E	2-4'	8/13/98	unknown isomer of C9H12	51	ppm	N/A	NA	NA	NA
E38180-7	T304E	2-4'	8/13/98	Vinyl chloride	<MDL	ppm	0.81	10	2	7

TABLE 1. NEWARK DELANCY TERMINAL SOIL DELINEATION ANALYTICAL RESULTS, AUGUST 1998

LABORATORY SAMPLE NO.	SAMPLE LOCATION	INTERVAL SAMPLED (ft)	DATE SAMPLED	CONSTITUENT	CONC.	UNITS	LAB MDL	IGSCC	RDCSCC	NDCSCC
E38180-7	T304E	2-4'	8/13/98	Xylene (total)	541	ppm	8.1	10	410	1000
E38180-5	Dup (PP18)	0-2'	8/12/98	1,1,1-Trichloroethane	<MDL	ppm	8.1	50	210	1000
E38180-5	Dup (PP18)	0-2'	8/12/98	1,1,2,2-Tetrachloroethane	<MDL	ppm	8.1	1	34	70
E38180-5	Dup (PP18)	0-2'	8/12/98	1,1,2-Trichloroethane	<MDL	ppm	8.1	1	22	420
E38180-5	Dup (PP18)	0-2'	8/12/98	1,1-Dichloroethane	<MDL	ppm	8.1	10	570	1000
E38180-5	Dup (PP18)	0-2'	8/12/98	1,1-Dichloroethene	<MDL	ppm	8.1	10	8	150
E38180-5	Dup (PP18)	0-2'	8/12/98	1,2-Dichloroethane	<MDL	ppm	8.1	1	6	24
E38180-5	Dup (PP18)	0-2'	8/12/98	1,2-Dichloropropane	<MDL	ppm	8.1	NA	10	43
E38180-5	Dup (PP18)	0-2'	8/12/98	2-Butanone (MEK)	<MDL	ppm	16	50	1000	1000
E38180-5	Dup (PP18)	0-2'	8/12/98	2-Hexanone	<MDL	ppm	16	NA	NA	NA
E38180-5	Dup (PP18)	0-2'	8/12/98	4-Methyl-2-pentanone(MIBK)	<MDL	ppm	16	50	1000	1000
E38180-5	Dup (PP18)	0-2'	8/12/98	Acenaphthene	<MDL	ppm	0.4	100	3,400	10000
E38180-5	Dup (PP18)	0-2'	8/12/98	Acenaphthylene	<MDL	ppm	0.4	NA	NA	NA
E38180-5	Dup (PP18)	0-2'	8/12/98	Acetone	<MDL	ppm	40	100	1000	1000
E38180-5	Dup (PP18)	0-2'	8/12/98	Anthracene	<MDL	ppm	0.4	100	10000	10000
E38180-5	Dup (PP18)	0-2'	8/12/98	Benzene	<MDL	ppm	8.1	1	3	13
E38180-5	Dup (PP18)	0-2'	8/12/98	**Benzo(a)anthracene**	**1**	ppm	0.4	500	**0.9**	4
E38180-5	Dup (PP18)	0-2'	8/12/98	**Benzo(a)pyrene**	**1**	ppm	0.4	100	**0.66**	0.66
E38180-5	Dup (PP18)	0-2'	8/12/98	**Benzo(b)fluoranthene**	**2**	ppm	0.4	500	**0.9**	4
E38180-5	Dup (PP18)	0-2'	8/12/98	Benzo(g,h,i)perylene	<MDL	ppm	0.4	NA	NA	NA
E38180-5	Dup (PP18)	0-2'	8/12/98	*Benzo(k)fluoranthene*	*1*	ppm	0.4	NA	*NA*	NA
E38180-5	Dup (PP18)	0-2'	8/12/98	Bromodichloromethane	<MDL	ppm	8.1	1	11	46
E38180-5	Dup (PP18)	0-2'	8/12/98	Bromoform	<MDL	ppm	8.1	1	86	370
E38180-5	Dup (PP18)	0-2'	8/12/98	Bromomethane	<MDL	ppm	8.1	1	79	1000
E38180-5	Dup (PP18)	0-2'	8/12/98	Carbon disulfide	<MDL	ppm	8.1	NA	NA	NA
E38180-5	Dup (PP18)	0-2'	8/12/98	*Carbon tetrachloride*	<MDL	ppm	8.1	1	2	4
E38180-5	Dup (PP18)	0-2'	8/12/98	Chlorobenzene	<MDL	ppm	8.1	1	37	680
E38180-5	Dup (PP18)	0-2'	8/12/98	Chloroethane	<MDL	ppm	8.1	NA	NA	NA
E38180-5	Dup (PP18)	0-2'	8/12/98	Chloroform	<MDL	ppm	8.1	1	19	28
E38180-5	Dup (PP18)	0-2'	8/12/98	Chloromethane	<MDL	ppm	8.1	10	520	1000
E38180-5	Dup (PP18)	0-2'	8/12/98	*Chrysene*	*1*	ppm	0.4	500	9	40
E38180-5	Dup (PP18)	0-2'	8/12/98	cis-1,2-Dichloroethene	<MDL	ppm	8.1	1	79	1000
E38180-5	Dup (PP18)	0-2'	8/12/98	cis-1,3-Dichloropropene	<MDL	ppm	8.1	1	4	5
E38180-5	Dup (PP18)	0-2'	8/12/98	Dibenzo(a,h)anthracene	<MDL	ppm	0.4	100	0.66	0.66
E38180-5	Dup (PP18)	0-2'	8/12/98	Dibromochloromethane	<MDL	ppm	8.1	1	110	1000
E38180-5	Dup (PP18)	0-2'	8/12/98	Ethylbenzene	<MDL	ppm	8.1	100	1,000	1,000
E38180-5	Dup (PP18)	0-2'	8/12/98	*Fluoranthene*	*1*	ppm	0.4	100	*2,300*	10000
E38180-5	Dup (PP18)	0-2'	8/12/98	Fluorene	<MDL	ppm	0.4	100	2,300	10000
E38180-5	Dup (PP18)	0-2'	8/12/98	Indeno(1,2,3-cd)pyrene	<MDL	ppm	0.4	500	0.9	4
E38180-5	Dup (PP18)	0-2'	8/12/98	Methylene chloride	<MDL	ppm	8.1	1	49	210
E38180-5	Dup (PP18)	0-2'	8/12/98	Naphthalene	<MDL	ppm	0.4	100	230	4,200
E38180-5	Dup (PP18)	0-2'	8/12/98	Phenanthrene	<MDL	ppm	0.4	NA	NA	NA
E38180-5	Dup (PP18)	0-2'	8/12/98	*Pyrene*	*1*	ppm	0.4	100	*1,700*	10000
E38180-5	Dup (PP18)	0-2'	8/12/98	Solids, Percent	83.3	%	N/A	NA	NA	NA
E38180-5	Dup (PP18)	0-2'	8/12/98	Styrene	<MDL	ppm	8.1	100	23	97
E38180-5	Dup (PP18)	0-2'	8/12/98	Tetrachloroethene	<MDL	ppm	8.1	1	4	6
E38180-5	Dup (PP18)	0-2'	8/12/98	Toluene	<MDL	ppm	8.1	500	1000	1000
E38180-5	Dup (PP18)	0-2'	8/12/98	**Total TIC, Volatile**	**3460**	ppm	N/A	1000	**1000**	1000
E38180-5	Dup (PP18)	0-2'	8/12/98	**TPH-DRO (C9-C22)**	**39400**	ppm	800	10000	**10000**	10000
E38180-5	Dup (PP18)	0-2'	8/12/98	**TPH-GRO (C4-C12)**	**2280**	ppm	300	1000	**1000**	1000
E38180-5	Dup (PP18)	0-2'	8/12/98	trans-1,2-Dichloroethene	<MDL	ppm	8.1	50	1000	1000
E38180-5	Dup (PP18)	0-2'	8/12/98	trans-1,3-Dichloropropene	<MDL	ppm	8.1	1	4	5
E38180-5	Dup (PP18)	0-2'	8/12/98	Trichloroethene	<MDL	ppm	8.1	1	23	54
E38180-5	Dup (PP18)	0-2'	8/12/98	unknown	160	ppm	N/A	NA	NA	NA
E38180-5	Dup (PP18)	0-2'	8/12/98	unknown	300	ppm	N/A	NA	NA	NA
E38180-5	Dup (PP18)	0-2'	8/12/98	unknown	300	ppm	N/A	NA	NA	NA
E38180-5	Dup (PP18)	0-2'	8/12/98	unknown	210	ppm	N/A	NA	NA	NA
E38180-5	Dup (PP18)	0-2'	8/12/98	unknown	190	ppm	N/A	NA	NA	NA
E38180-5	Dup (PP18)	0-2'	8/12/98	unknown	180	ppm	N/A	NA	NA	NA
E38180-5	Dup (PP18)	0-2'	8/12/98	unknown isomer of C10H12	210	ppm	N/A	NA	NA	NA

TABLE 1. NEWARK DELANCY TERMINAL SOIL DELINEATION ANALYTICAL RESULTS, AUGUST 1998

LABORATORY SAMPLE NO.	SAMPLE LOCATION	INTERVAL SAMPLED (ft)	DATE SAMPLED	CONSTITUENT	CONC.	UNITS	LAB MDL	IGSCC	RDCSCC	NDCSCC
E38180-5	Dup (PP18)	0-2'	8/12/98	unknown isomer of C10H12	370	ppm	N/A	NA	NA	NA
E38180-5	Dup (PP18)	0-2'	8/12/98	unknown isomer of C10H14	150	ppm	N/A	NA	NA	NA
E38180-5	Dup (PP18)	0-2'	8/12/98	unknown isomer of C10H14	200	ppm	N/A	NA	NA	NA
E38180-5	Dup (PP18)	0-2'	8/12/98	unknown isomer of C11H10	160	ppm	N/A	NA	NA	NA
E38180-5	Dup (PP18)	0-2'	8/12/98	unknown isomer of C11H14	240	ppm	N/A	NA	NA	NA
E38180-5	Dup (PP18)	0-2'	8/12/98	unknown isomer of C11H14	200	ppm	N/A	NA	NA	NA
E38180-5	Dup (PP18)	0-2'	8/12/98	unknown isomer of C11H14	320	ppm	N/A	NA	NA	NA
E38180-5	Dup (PP18)	0-2'	8/12/98	unknown isomer of C11H16	270	ppm	N/A	NA	NA	NA
E38180-5	Dup (PP18)	0-2'	8/12/98	Vinyl chloride	<MDL	ppm	8.1	10	2	7
E38180-5	Dup (PP18)	0-2'	8/12/98	Xylene (total)	<MDL	ppm	8.1	10	410	1000
E38133-11	Dup (ST25)	0-2'	8/12/98	1,1,1-Trichloroethane	<MDL	ppm	7.1	50	210	1000
E38133-11	Dup (ST25)	0-2'	8/12/98	1,1,2,2-Tetrachloroethane	<MDL	ppm	7.1	1	34	70
E38133-11	Dup (ST25)	0-2'	8/12/98	1,1,2-Trichloroethane	<MDL	ppm	7.1	1	22	420
E38133-11	Dup (ST25)	0-2'	8/12/98	1,1-Dichloroethane	<MDL	ppm	7.1	10	570	1000
E38133-11	Dup (ST25)	0-2'	8/12/98	1,1-Dichloroethene	<MDL	ppm	7.1	10	8	150
E38133-11	Dup (ST25)	0-2'	8/12/98	1,2-Dichlorobenzene	<MDL	ppm	7.1	50	5100	10000
E38133-11	Dup (ST25)	0-2'	8/12/98	1,2-Dichloroethane	<MDL	ppm	7.1	1	6	24
E38133-11	Dup (ST25)	0-2'	8/12/98	1,2-Dichloropropane	<MDL	ppm	7.1	NA	10	43
E38133-11	Dup (ST25)	0-2'	8/12/98	1,3-Dichlorobenzene	<MDL	ppm	7.1	100	5100	10000
E38133-11	Dup (ST25)	0-2'	8/12/98	1,4-Dichlorobenzene	<MDL	ppm	7.1	100	570	10000
E38133-11	Dup (ST25)	0-2'	8/12/98	2-Chloroethyl vinyl ether	<MDL	ppm	28	NA	NA	NA
E38133-11	Dup (ST25)	0-2'	8/12/98	*Acenaphthene*	*1*	ppm	0.42	100	*3,400*	10000
E38133-11	Dup (ST25)	0-2'	8/12/98	Acenaphthylene	<MDL	ppm	0.42	NA	NA	NA
E38133-11	Dup (ST25)	0-2'	8/12/98	Acrolein	<MDL	ppm	140	NA	NA	NA
E38133-11	Dup (ST25)	0-2'	8/12/98	Acrylonitrile	<MDL	ppm	140	1	1	5
E38133-11	Dup (ST25)	0-2'	8/12/98	*Anthracene*	*1*	ppm	0.42	100	*10000*	10000
E38133-11	Dup (ST25)	0-2'	8/12/98	**Benzene**	**43**	ppm	7.1	1	**3**	13
E38133-11	Dup (ST25)	0-2'	8/12/98	**Benzo(a)anthracene**	**2**	ppm	0.42	500	**0.9**	4
E38133-11	Dup (ST25)	0-2'	8/12/98	**Benzo(a)pyrene**	**2**	ppm	0.42	100	**0.66**	0.66
E38133-11	Dup (ST25)	0-2'	8/12/98	**Benzo(b)fluoranthene**	**2**	ppm	0.42	500	**0.9**	4
E38133-11	Dup (ST25)	0-2'	8/12/98	*Benzo(g,h,i)perylene*	*1*	ppm	0.42	NA	*NA*	NA
E38133-11	Dup (ST25)	0-2'	8/12/98	*Benzo(k)fluoranthene*	*2*	ppm	0.42	NA	*NA*	NA
E38133-11	Dup (ST25)	0-2'	8/12/98	Bromodichloromethane	<MDL	ppm	7.1	1	11	46
E38133-11	Dup (ST25)	0-2'	8/12/98	Bromoform	<MDL	ppm	7.1	1	86	370
E38133-11	Dup (ST25)	0-2'	8/12/98	Bromomethane	<MDL	ppm	7.1	1	79	1000
E38133-11	Dup (ST25)	0-2'	8/12/98	Carbon tetrachloride	<MDL	ppm	7.1	1	2	4
E38133-11	Dup (ST25)	0-2'	8/12/98	Chlorobenzene	<MDL	ppm	7.1	1	37	680
E38133-11	Dup (ST25)	0-2'	8/12/98	Chloroethane	<MDL	ppm	7.1	NA	NA	NA
E38133-11	Dup (ST25)	0-2'	8/12/98	Chloroform	<MDL	ppm	7.1	1	19	28
E38133-11	Dup (ST25)	0-2'	8/12/98	Chloromethane	<MDL	ppm	7.1	10	520	1000
E38133-11	Dup (ST25)	0-2'	8/12/98	*Chrysene*	*2*	ppm	0.42	500	*9*	40
E38133-11	Dup (ST25)	0-2'	8/12/98	cis-1,2-Dichloroethene	<MDL	ppm	7.1	1	79	1000
E38133-11	Dup (ST25)	0-2'	8/12/98	cis-1,3-Dichloropropene	<MDL	ppm	7.1	1	4	5
E38133-11	Dup (ST25)	0-2'	8/12/98	Dibenzo(a,h)anthracene	<MDL	ppm	0.42	100	0.66	0.66
E38133-11	Dup (ST25)	0-2'	8/12/98	Dibromochloromethane	<MDL	ppm	7.1	1	110	10000
E38133-11	Dup (ST25)	0-2'	8/12/98	Dichlorodifluoromethane	<MDL	ppm	7.1	NA	NA	NA
E38133-11	Dup (ST25)	0-2'	8/12/98	*Ethylbenzene*	*244*	ppm	7.1	100	*1,000*	1,000
E38133-11	Dup (ST25)	0-2'	8/12/98	*Fluoranthene*	*4*	ppm	0.42	100	*2,300*	10000
E38133-11	Dup (ST25)	0-2'	8/12/98	*Fluorene*	*1*	ppm	0.42	100	*2,300*	10000
E38133-11	Dup (ST25)	0-2'	8/12/98	*Heptane*	*330*	ppm	N/A	N/A	*N/A*	N/A
E38133-11	Dup (ST25)	0-2'	8/12/98	*Indeno(1,2,3-cd)pyrene*	*1*	ppm	0.42	500	*0.9*	4
E38133-11	Dup (ST25)	0-2'	8/12/98	Methylene chloride	<MDL	ppm	7.1	1	49	210
E38133-11	Dup (ST25)	0-2'	8/12/98	*Naphthalene*	*54*	ppm	2.1	100	*230*	4,200
E38133-11	Dup (ST25)	0-2'	8/12/98	*Phenanthrene*	*3*	ppm	0.42	NA	*NA*	NA
E38133-11	Dup (ST25)	0-2'	8/12/98	*Pyrene*	*3*	ppm	0.42	100	*1,700*	10000
E38133-11	Dup (ST25)	0-2'	8/12/98	Solids, Percent	78.9	%	N/A	N/A	N/A	N/A
E38133-11	Dup (ST25)	0-2'	8/12/98	Tetrachloroethene	<MDL	ppm	7.1	1	4	6
E38133-11	Dup (ST25)	0-2'	8/12/98	*Toluene*	*451*	ppm	7.1	500	*1000*	1000
E38133-11	Dup (ST25)	0-2'	8/12/98	**Total TIC, Volatile**	**4450**	ppm	N/A	1000	**1000**	1000
E38133-11	Dup (ST25)	0-2'	8/12/98	trans-1,2-Dichloroethene	<MDL	ppm	7.1	50	1000	1000

TABLE 1. NEWARK DELANCY TERMINAL SOIL DELINEATION ANALYTICAL RESULTS, AUGUST 1998

LABORATORY SAMPLE NO.	SAMPLE LOCATION	INTERVAL SAMPLED (ft)	DATE SAMPLED	CONSTITUENT	CONC.	UNITS	LAB MDL	IGSCC	RDCSCC	NDCSCC
E38133-11	Dup (ST25)	0-2'	8/12/98	trans-1,3-Dichloropropene	<MDL	ppm	7.1	1	4	5
E38133-11	Dup (ST25)	0-2'	8/12/98	Trichloroethene	<MDL	ppm	7.1	1	23	54
E38133-11	Dup (ST25)	0-2'	8/12/98	Trichlorofluoromethane	<MDL	ppm	7.1	NA	NA	NA
E38133-11	Dup (ST25)	0-2'	8/12/98	unknown	120	ppm	N/A	N/A	N/A	N/A
E38133-11	Dup (ST25)	0-2'	8/12/98	unknown alkane	910	ppm	N/A	N/A	N/A	N/A
E38133-11	Dup (ST25)	0-2'	8/12/98	unknown alkane	300	ppm	N/A	N/A	N/A	N/A
E38133-11	Dup (ST25)	0-2'	8/12/98	unknown alkane	420	ppm	N/A	N/A	N/A	N/A
E38133-11	Dup (ST25)	0-2'	8/12/98	unknown isomer of C10H12	110	ppm	N/A	N/A	N/A	N/A
E38133-11	Dup (ST25)	0-2'	8/12/98	unknown isomer of C10H14	170	ppm	N/A	N/A	N/A	N/A
E38133-11	Dup (ST25)	0-2'	8/12/98	unknown isomer of C10H14	140	ppm	N/A	N/A	N/A	N/A
E38133-11	Dup (ST25)	0-2'	8/12/98	unknown isomer of C7H14	160	ppm	N/A	N/A	N/A	N/A
E38133-11	Dup (ST25)	0-2'	8/12/98	unknown isomer of C7H14	330	ppm	N/A	N/A	N/A	N/A
E38133-11	Dup (ST25)	0-2'	8/12/98	unknown isomer of C8H18	290	ppm	N/A	N/A	N/A	N/A
E38133-11	Dup (ST25)	0-2'	8/12/98	unknown isomer of C8H18	380	ppm	N/A	N/A	N/A	N/A
E38133-11	Dup (ST25)	0-2'	8/12/98	unknown isomer of C9H12	310	ppm	N/A	N/A	N/A	N/A
E38133-11	Dup (ST25)	0-2'	8/12/98	unknown isomer of C9H12	130	ppm	N/A	N/A	N/A	N/A
E38133-11	Dup (ST25)	0-2'	8/12/98	unknown isomer of C9H12	350	ppm	N/A	N/A	N/A	N/A
E38133-11	Dup (ST25)	0-2'	8/12/98	Vinyl chloride	<MDL	ppm	7.1	10	2	7
E38133-11	Dup (ST25)	0-2'	8/12/98	**Xylene (total)**	**1100**	ppm	7.1	10	**410**	1000
E38132-12	TRIP BLANK	NA	8/10/98	1,1,1-Trichloroethane	<MDL	ppm	0.25	50	210	1000
E38132-12	TRIP BLANK	NA	8/10/98	1,1,2,2-Tetrachloroethane	<MDL	ppm	0.25	1	34	70
E38132-12	TRIP BLANK	NA	8/10/98	1,1,2-Trichloroethane	<MDL	ppm	0.25	1	22	420
E38132-12	TRIP BLANK	NA	8/10/98	1,1-Dichloroethane	<MDL	ppm	0.25	10	570	1000
E38132-12	TRIP BLANK	NA	8/10/98	1,1-Dichloroethene	<MDL	ppm	0.25	10	8	150
E38132-12	TRIP BLANK	NA	8/10/98	1,2-Dichloroethane	<MDL	ppm	0.25	1	6	24
E38132-12	TRIP BLANK	NA	8/10/98	1,2-Dichloropropane	<MDL	ppm	0.25	NA	10	43
E38132-12	TRIP BLANK	NA	8/10/98	2-Butanone (MEK)	<MDL	ppm	0.5	50	1000	1000
E38132-12	TRIP BLANK	NA	8/10/98	2-Hexanone	<MDL	ppm	0.5	NA	NA	NA
E38132-12	TRIP BLANK	NA	8/10/98	4-Methyl-2-pentanone(MIBK)	<MDL	ppm	0.5	50	1000	1000
E38132-12	TRIP BLANK	NA	8/10/98	Acetone	<MDL	ppm	1.2	100	1000	1000
E38132-12	TRIP BLANK	NA	8/10/98	Benzene	<MDL	ppm	0.25	1	3	13
E38132-12	TRIP BLANK	NA	8/10/98	Bromodichloromethane	<MDL	ppm	0.25	1	11	46
E38132-12	TRIP BLANK	NA	8/10/98	Bromoform	<MDL	ppm	0.25	1	86	370
E38132-12	TRIP BLANK	NA	8/10/98	Bromomethane	<MDL	ppm	0.25	1	79	1000
E38132-12	TRIP BLANK	NA	8/10/98	Carbon dioxide	0	ppm	N/A	NA	NA	NA
E38132-12	TRIP BLANK	NA	8/10/98	Carbon disulfide	<MDL	ppm	0.25	NA	NA	NA
E38132-12	TRIP BLANK	NA	8/10/98	Carbon tetrachloride	<MDL	ppm	0.25	1	2	4
E38132-12	TRIP BLANK	NA	8/10/98	Chlorobenzene	<MDL	ppm	0.25	1	37	680
E38132-12	TRIP BLANK	NA	8/10/98	Chloroethane	<MDL	ppm	0.25	NA	NA	NA
E38132-12	TRIP BLANK	NA	8/10/98	Chloroform	<MDL	ppm	0.25	1	19	28
E38132-12	TRIP BLANK	NA	8/10/98	Chloromethane	<MDL	ppm	0.25	10	520	1000
E38132-12	TRIP BLANK	NA	8/10/98	cis-1,2-Dichloroethene	<MDL	ppm	0.25	1	79	1000
E38132-12	TRIP BLANK	NA	8/10/98	cis-1,3-Dichloropropene	<MDL	ppm	0.25	1	4	5
E38132-12	TRIP BLANK	NA	8/10/98	Dibromochloromethane	<MDL	ppm	0.25	1	110	1000
E38132-12	TRIP BLANK	NA	8/10/98	Ethylbenzene	<MDL	ppm	0.25	100	1,000	1,000
E38132-12	TRIP BLANK	NA	8/10/98	Methylene chloride	<MDL	ppm	0.25	1	49	210
E38132-12	TRIP BLANK	NA	8/10/98	Styrene	<MDL	ppm	0.25	100	23	97
E38132-12	TRIP BLANK	NA	8/10/98	Tetrachloroethene	<MDL	ppm	0.25	1	4	6
E38132-12	TRIP BLANK	NA	8/10/98	Toluene	<MDL	ppm	0.25	500	1000	1000
E38132-12	TRIP BLANK	NA	8/10/98	Total TIC, Volatile	<MDL	ppm	N/A	1000	1000	1000
E38132-12	TRIP BLANK	NA	8/10/98	trans-1,2-Dichloroethene	<MDL	ppm	0.25	50	1000	1000
E38132-12	TRIP BLANK	NA	8/10/98	trans-1,3-Dichloropropene	<MDL	ppm	0.25	1	4	5
E38132-12	TRIP BLANK	NA	8/10/98	Trichloroethene	<MDL	ppm	0.25	1	23	54
E38132-12	TRIP BLANK	NA	8/10/98	Vinyl chloride	<MDL	ppm	0.25	10	2	7
E38132-12	TRIP BLANK	NA	8/10/98	Xylene (total)	<MDL	ppm	0.25	10	410	1000
E38180-10	TRIP BLANK	NA	8/10/98	1,1,1-Trichloroethane	<MDL	ppm	0.25	50	210	1000
E38180-10	TRIP BLANK	NA	8/10/98	1,1,2,2-Tetrachloroethane	<MDL	ppm	0.25	1	34	70
E38180-10	TRIP BLANK	NA	8/10/98	1,1,2-Trichloroethane	<MDL	ppm	0.25	1	22	420
E38180-10	TRIP BLANK	NA	8/10/98	1,1-Dichloroethane	<MDL	ppm	0.25	10	570	1000

TABLE 1. NEWARK DELANCY TERMINAL SOIL DELINEATION ANALYTICAL RESULTS, AUGUST 1998

LABORATORY SAMPLE NO.	SAMPLE LOCATION	INTERVAL SAMPLED (ft)	DATE SAMPLED	CONSTITUENT	CONC.	UNITS	LAB MDL	IGSCC	RDCSCC	NDCSCC
E38180-10	TRIP BLANK	NA	8/10/98	1,1-Dichloroethene	<MDL	ppm	0.25	10	8	150
E38180-10	TRIP BLANK	NA	8/10/98	1,2-Dichloroethane	<MDL	ppm	0.25	1	6	24
E38180-10	TRIP BLANK	NA	8/10/98	1,2-Dichloropropane	<MDL	ppm	0.25	NA	10	43
E38180-10	TRIP BLANK	NA	8/10/98	2-Butanone (MEK)	<MDL	ppm	0.5	NA	NA	NA
E38180-10	TRIP BLANK	NA	8/10/98	2-Hexanone	<MDL	ppm	0.5	NA	NA	NA
E38180-10	TRIP BLANK	NA	8/10/98	4-Methyl-2-pentanone(MIBK)	<MDL	ppm	0.5	50	1000	1000
E38180-10	TRIP BLANK	NA	8/10/98	Acetone	<MDL	ppm	1.2	100	1000	1000
E38180-10	TRIP BLANK	NA	8/10/98	Benzene	<MDL	ppm	0.25	1	3	13
E38180-10	TRIP BLANK	NA	8/10/98	Bromodichloromethane	<MDL	ppm	0.25	1	11	46
E38180-10	TRIP BLANK	NA	8/10/98	Bromoform	<MDL	ppm	0.25	1	86	370
E38180-10	TRIP BLANK	NA	8/10/98	Bromomethane	<MDL	ppm	0.25	1	79	1000
E38180-10	TRIP BLANK	NA	8/10/98	Carbon dioxide	0	ppm	N/A	NA	NA	NA
E38180-10	TRIP BLANK	NA	8/10/98	Carbon disulfide	<MDL	ppm	0.25	NA	NA	NA
E38180-10	TRIP BLANK	NA	8/10/98	Carbon tetrachloride	<MDL	ppm	0.25	1	2	4
E38180-10	TRIP BLANK	NA	8/10/98	Chlorobenzene	<MDL	ppm	0.25	1	37	680
E38180-10	TRIP BLANK	NA	8/10/98	Chloroethane	<MDL	ppm	0.25	NA	NA	NA
E38180-10	TRIP BLANK	NA	8/10/98	Chloroform	<MDL	ppm	0.25	1	19	28
E38180-10	TRIP BLANK	NA	8/10/98	Chloromethane	<MDL	ppm	0.25	10	520	1000
E38180-10	TRIP BLANK	NA	8/10/98	cis-1,2-Dichloroethene	<MDL	ppm	0.25	1	79	1000
E38180-10	TRIP BLANK	NA	8/10/98	cis-1,3-Dichloropropene	<MDL	ppm	0.25	1	4	5
E38180-10	TRIP BLANK	NA	8/10/98	Dibromochloromethane	<MDL	ppm	0.25	1	110	1000
E38180-10	TRIP BLANK	NA	8/10/98	Ethylbenzene	<MDL	ppm	0.25	100	1,000	1,000
E38180-10	TRIP BLANK	NA	8/10/98	Methylene chloride	<MDL	ppm	0.25	1	49	210
E38180-10	TRIP BLANK	NA	8/10/98	Styrene	<MDL	ppm	0.25	100	23	97
E38180-10	TRIP BLANK	NA	8/10/98	Tetrachloroethene	<MDL	ppm	0.25	1	4	6
E38180-10	TRIP BLANK	NA	8/10/98	Toluene	<MDL	ppm	0.25	500	1000	1000
E38180-10	TRIP BLANK	NA	8/10/98	Total TIC, Volatile	<MDL	ppm	N/A	1000	1000	1000
E38180-10	TRIP BLANK	NA	8/10/98	trans-1,2-Dichloroethene	<MDL	ppm	0.25	50	1000	1000
E38180-10	TRIP BLANK	NA	8/10/98	trans-1,3-Dichloropropene	<MDL	ppm	0.25	1	4	5
E38180-10	TRIP BLANK	NA	8/10/98	Trichloroethene	<MDL	ppm	0.25	1	23	54
E38180-10	TRIP BLANK	NA	8/10/98	Vinyl chloride	<MDL	ppm	0.25	10	2	7
E38180-10	TRIP BLANK	NA	8/10/98	Xylene (total)	<MDL	ppm	0.25	10	410	1000
E38180-12	TRIP BLANK	NA	8/10/98	1,1,1-Trichloroethane	<MDL	ppm	0.005	50	210	1000
E38180-12	TRIP BLANK	NA	8/10/98	1,1,2,2-Tetrachloroethane	<MDL	ppm	0.002	1	34	70
E38180-12	TRIP BLANK	NA	8/10/98	1,1,2-Trichloroethane	<MDL	ppm	0.003	1	22	420
E38180-12	TRIP BLANK	NA	8/10/98	1,1-Dichloroethane	<MDL	ppm	0.005	10	570	1000
E38180-12	TRIP BLANK	NA	8/10/98	1,1-Dichloroethene	<MDL	ppm	0.002	10	8	150
E38180-12	TRIP BLANK	NA	8/10/98	1,2-Dichloroethane	<MDL	ppm	0.002	1	6	24
E38180-12	TRIP BLANK	NA	8/10/98	1,2-Dichloropropane	<MDL	ppm	0.001	NA	10	43
E38180-12	TRIP BLANK	NA	8/10/98	2-Butanone (MEK)	<MDL	ppm	0.01	NA	NA	NA
E38180-12	TRIP BLANK	NA	8/10/98	2-Hexanone	<MDL	ppm	0.01	NA	NA	NA
E38180-12	TRIP BLANK	NA	8/10/98	4-Methyl-2-pentanone(MIBK)	<MDL	ppm	0.01	50	1000	1000
E38180-12	TRIP BLANK	NA	8/10/98	Acetone	<MDL	ppm	0.025	100	1000	1000
E38180-12	TRIP BLANK	NA	8/10/98	Benzene	<MDL	ppm	0.001	1	3	13
E38180-12	TRIP BLANK	NA	8/10/98	Bromodichloromethane	<MDL	ppm	0.001	1	11	46
E38180-12	TRIP BLANK	NA	8/10/98	Bromoform	<MDL	ppm	0.004	1	86	370
E38180-12	TRIP BLANK	NA	8/10/98	Bromomethane	<MDL	ppm	0.005	1	79	1000
E38180-12	TRIP BLANK	NA	8/10/98	carbon dioxide	0	ppm	<MDL	NA	NA	NA
E38180-12	TRIP BLANK	NA	8/10/98	Carbon disulfide	<MDL	ppm	0.005	NA	NA	NA
E38180-12	TRIP BLANK	NA	8/10/98	Carbon tetrachloride	<MDL	ppm	0.001	1	2	4
E38180-12	TRIP BLANK	NA	8/10/98	Chlorobenzene	<MDL	ppm	0.004	1	37	680
E38180-12	TRIP BLANK	NA	8/10/98	Chloroethane	<MDL	ppm	0.005	NA	NA	NA
E38180-12	TRIP BLANK	NA	8/10/98	Chloroform	<MDL	ppm	0.005	1	19	28
E38180-12	TRIP BLANK	NA	8/10/98	Chloromethane	<MDL	ppm	0.005	10	520	1000
E38180-12	TRIP BLANK	NA	8/10/98	cis-1,2-Dichloroethene	<MDL	ppm	0.005	1	79	1000
E38180-12	TRIP BLANK	NA	8/10/98	cis-1,3-Dichloropropene	<MDL	ppm	0.001	1	4	5
E38180-12	TRIP BLANK	NA	8/10/98	Dibromochloromethane	<MDL	ppm	0.005	1	110	1000
E38180-12	TRIP BLANK	NA	8/10/98	Ethylbenzene	<MDL	ppm	0.005	100	1,000	1,000
E38180-12	TRIP BLANK	NA	8/10/98	Methylene chloride	<MDL	ppm	0.002	1	49	210
E38180-12	TRIP BLANK	NA	8/10/98	Styrene	<MDL	ppm	0.005	100	23	97

TABLE 1. NEWARK DELANCY TERMINAL SOIL DELINEATION ANALYTICAL RESULTS, AUGUST 1998

LABORATORY SAMPLE NO.	SAMPLE LOCATION	INTERVAL SAMPLED (ft)	DATE SAMPLED	CONSTITUENT	CONC.	UNITS	LAB MDL	IGSCC	RDCSCC	NDCSCC
E38180-12	TRIP BLANK	NA	8/10/98	Tetrachloroethene	<MDL	ppm	0.001	1	4	6
E38180-12	TRIP BLANK	NA	8/10/98	Toluene	<MDL	ppm	0.005	500	1000	1000
E38180-12	TRIP BLANK	NA	8/10/98	Total TIC, Volatile	<MDL	ppm	<MDL	1000	1000	1000
E38180-12	TRIP BLANK	NA	8/10/98	trans-1,2-Dichloroethene	<MDL	ppm	0.005	50	1000	1000
E38180-12	TRIP BLANK	NA	8/10/98	trans-1,3-Dichloropropene	<MDL	ppm	0.001	1	4	5
E38180-12	TRIP BLANK	NA	8/10/98	Trichloroethene	<MDL	ppm	0.001	1	23	54
E38180-12	TRIP BLANK	NA	8/10/98	Vinyl chloride	<MDL	ppm	0.005	10	2	7
E38180-12	TRIP BLANK	NA	8/10/98	Xylene (total)	<MDL	ppm	0.005	10	410	1000
E38133-18	TRIP BLANK	NA	8/10/98	1,1,1-Trichloroethane	<MDL	ppm	0.25	50	210	1000
E38133-18	TRIP BLANK	NA	8/10/98	1,1,2,2-Tetrachloroethane	<MDL	ppm	0.25	1	34	70
E38133-18	TRIP BLANK	NA	8/10/98	1,1,2-Trichloroethane	<MDL	ppm	0.25	1	22	420
E38133-18	TRIP BLANK	NA	8/10/98	1,1-Dichloroethane	<MDL	ppm	0.25	10	570	1000
E38133-18	TRIP BLANK	NA	8/10/98	1,1-Dichloroethene	<MDL	ppm	0.25	10	8	150
E38133-18	TRIP BLANK	NA	8/10/98	1,2-Dichlorobenzene	<MDL	ppm	0.25	50	5100	10000
E38133-18	TRIP BLANK	NA	8/10/98	1,2-Dichloroethane	<MDL	ppm	0.25	1	6	24
E38133-18	TRIP BLANK	NA	8/10/98	1,2-Dichloropropane	<MDL	ppm	0.25	NA	10	43
E38133-18	TRIP BLANK	NA	8/10/98	1,3-Dichlorobenzene	<MDL	ppm	0.25	100	5100	10000
E38133-18	TRIP BLANK	NA	8/10/98	1,4-Dichlorobenzene	<MDL	ppm	0.25	100	570	10000
E38133-18	TRIP BLANK	NA	8/10/98	2-Chloroethyl vinyl ether	<MDL	ppm	1	NA	NA	NA
E38133-18	TRIP BLANK	NA	8/10/98	Acrolein	<MDL	ppm	5	NA	NA	NA
E38133-18	TRIP BLANK	NA	8/10/98	Acrylonitrile	<MDL	ppm	5	1	1	5
E38133-18	TRIP BLANK	NA	8/10/98	Benzene	<MDL	ppm	0.25	1	3	13
E38133-18	TRIP BLANK	NA	8/10/98	Bromodichloromethane	<MDL	ppm	0.25	1	11	46
E38133-18	TRIP BLANK	NA	8/10/98	Bromoform	<MDL	ppm	0.25	1	86	370
E38133-18	TRIP BLANK	NA	8/10/98	Bromomethane	<MDL	ppm	0.25	1	79	1000
E38133-18	TRIP BLANK	NA	8/10/98	Carbon dioxide	0	ppm	N/A	N/A	N/A	N/A
E38133-18	TRIP BLANK	NA	8/10/98	Carbon tetrachloride	<MDL	ppm	0.25	1	2	4
E38133-18	TRIP BLANK	NA	8/10/98	Chlorobenzene	<MDL	ppm	0.25	1	37	680
E38133-18	TRIP BLANK	NA	8/10/98	Chloroethane	<MDL	ppm	0.25	NA	NA	NA
E38133-18	TRIP BLANK	NA	8/10/98	Chloroform	<MDL	ppm	0.25	1	19	28
E38133-18	TRIP BLANK	NA	8/10/98	Chloromethane	<MDL	ppm	0.25	10	520	1000
E38133-18	TRIP BLANK	NA	8/10/98	cis-1,2-Dichloroethene	<MDL	ppm	0.25	1	79	1000
E38133-18	TRIP BLANK	NA	8/10/98	cis-1,3-Dichloropropene	<MDL	ppm	0.25	1	4	5
E38133-18	TRIP BLANK	NA	8/10/98	Dibromochloromethane	<MDL	ppm	0.25	1	110	1000
E38133-18	TRIP BLANK	NA	8/10/98	Dichlorodifluoromethane	<MDL	ppm	0.25	NA	NA	NA
E38133-18	TRIP BLANK	NA	8/10/98	Ethylbenzene	<MDL	ppm	0.25	100	1,000	1,000
E38133-18	TRIP BLANK	NA	8/10/98	Methylene chloride	<MDL	ppm	0.25	1	49	210
E38133-18	TRIP BLANK	NA	8/10/98	Tetrachloroethene	<MDL	ppm	0.25	1	4	6
E38133-18	TRIP BLANK	NA	8/10/98	Toluene	<MDL	ppm	0.25	500	1000	1000
E38133-18	TRIP BLANK	NA	8/10/98	Total TIC, Volatile	<MDL	ppm	N/A	1000	1000	1000
E38133-18	TRIP BLANK	NA	8/10/98	trans-1,2-Dichloroethene	<MDL	ppm	0.25	50	1000	1000
E38133-18	TRIP BLANK	NA	8/10/98	trans-1,3-Dichloropropene	<MDL	ppm	0.25	1	4	5
E38133-18	TRIP BLANK	NA	8/10/98	Trichloroethene	<MDL	ppm	0.25	1	23	54
E38133-18	TRIP BLANK	NA	8/10/98	Trichlorofluoromethane	<MDL	ppm	0.25	NA	NA	NA
E38133-18	TRIP BLANK	NA	8/10/98	Vinyl chloride	<MDL	ppm	0.25	10	2	7
E38133-18	TRIP BLANK	NA	8/10/98	Xylene (total)	<MDL	ppm	0.25	10	410	1000
E38132-13	FIELD BLANK	NA	8/11/98	1,1,1-Trichloroethane	<MDL	ppm	0.005	50	210	1000
E38132-13	FIELD BLANK	NA	8/11/98	1,1,2,2-Tetrachloroethane	<MDL	ppm	0.002	1	34	70
E38132-13	FIELD BLANK	NA	8/11/98	1,1,2-Trichloroethane	<MDL	ppm	0.003	1	22	420
E38132-13	FIELD BLANK	NA	8/11/98	1,1-Dichloroethane	<MDL	ppm	0.005	10	570	1000
E38132-13	FIELD BLANK	NA	8/11/98	1,1-Dichloroethene	<MDL	ppm	0.002	10	8	150
E38132-13	FIELD BLANK	NA	8/11/98	1,2-Dichloroethane	<MDL	ppm	0.002	1	6	24
E38132-13	FIELD BLANK	NA	8/11/98	1,2-Dichloropropane	<MDL	ppm	0.001	NA	10	43
E38132-13	FIELD BLANK	NA	8/11/98	2-Butanone (MEK)	<MDL	ppm	0.01	50	1000	1000
E38132-13	FIELD BLANK	NA	8/11/98	2-Hexanone	<MDL	ppm	0.01	NA	NA	NA
E38132-13	FIELD BLANK	NA	8/11/98	4-Methyl-2-pentanone(MIBK)	<MDL	ppm	0.01	50	1000	1000
E38132-13	FIELD BLANK	NA	8/11/98	Acenaphthene	<MDL	ppm	0.005	100	3,400	10000
E38132-13	FIELD BLANK	NA	8/11/98	Acenaphthylene	<MDL	ppm	0.005	NA	NA	NA
E38132-13	FIELD BLANK	NA	8/11/98	Acetone	<MDL	ppm	0.025	100	1000	1000

TABLE 1. NEWARK DELANCY TERMINAL SOIL DELINEATION ANALYTICAL RESULTS, AUGUST 1998

LABORATORY SAMPLE NO.	SAMPLE LOCATION	INTERVAL SAMPLED (ft)	DATE SAMPLED	CONSTITUENT	CONC.	UNITS	LAB MDL	IGSCC	RDCSCC	NDCSCC
E38132-13	FIELD BLANK	NA	8/11/98	Anthracene	<MDL	ppm	0.005	100	10000	10000
E38132-13	FIELD BLANK	NA	8/11/98	Benzene	<MDL	ppm	0.001	1	3	13
E38132-13	FIELD BLANK	NA	8/11/98	Benzo(a)anthracene	<MDL	ppm	0.005	500	0.9	4
E38132-13	FIELD BLANK	NA	8/11/98	Benzo(a)pyrene	<MDL	ppm	0.005	100	0.66	0.66
E38132-13	FIELD BLANK	NA	8/11/98	Benzo(b)fluoranthene	<MDL	ppm	0.005	500	0.9	4
E38132-13	FIELD BLANK	NA	8/11/98	Benzo(g,h,i)perylene	<MDL	ppm	0.005	NA	NA	NA
E38132-13	FIELD BLANK	NA	8/11/98	Benzo(k)fluoranthene	<MDL	ppm	0.005	NA	NA	NA
E38132-13	FIELD BLANK	NA	8/11/98	Bromodichloromethane	<MDL	ppm	0.001	1	11	46
E38132-13	FIELD BLANK	NA	8/11/98	Bromoform	<MDL	ppm	0.004	1	86	370
E38132-13	FIELD BLANK	NA	8/11/98	Bromomethane	<MDL	ppm	0.005	1	79	1000
E38132-13	FIELD BLANK	NA	8/11/98	Carbon dioxide	0	ppm	N/A	NA	NA	NA
E38132-13	FIELD BLANK	NA	8/11/98	Carbon disulfide	<MDL	ppm	0.005	NA	NA	NA
E38132-13	FIELD BLANK	NA	8/11/98	Carbon tetrachloride	<MDL	ppm	0.001	1	2	4
E38132-13	FIELD BLANK	NA	8/11/98	Chlorobenzene	<MDL	ppm	0.004	1	37	680
E38132-13	FIELD BLANK	NA	8/11/98	Chloroethane	<MDL	ppm	0.005	NA	NA	NA
E38132-13	FIELD BLANK	NA	8/11/98	Chloroform	<MDL	ppm	0.005	1	19	28
E38132-13	FIELD BLANK	NA	8/11/98	Chloromethane	<MDL	ppm	0.005	10	520	1000
E38132-13	FIELD BLANK	NA	8/11/98	Chrysene	<MDL	ppm	0.005	500	9	40
E38132-13	FIELD BLANK	NA	8/11/98	cis-1,2-Dichloroethene	<MDL	ppm	0.005	1	79	1000
E38132-13	FIELD BLANK	NA	8/11/98	cis-1,3-Dichloropropene	<MDL	ppm	0.001	1	4	5
E38132-13	FIELD BLANK	NA	8/11/98	Dibenzo(a,h)anthracene	<MDL	ppm	0.005	100	0.66	0.66
E38132-13	FIELD BLANK	NA	8/11/98	Dibromochloromethane	<MDL	ppm	0.005	1	110	1000
E38132-13	FIELD BLANK	NA	8/11/98	Ethylbenzene	<MDL	ppm	0.005	100	1,000	1,000
E38132-13	FIELD BLANK	NA	8/11/98	Fluoranthene	<MDL	ppm	0.005	100	2,300	10000
E38132-13	FIELD BLANK	NA	8/11/98	Fluorene	<MDL	ppm	0.005	100	2,300	10000
E38132-13	FIELD BLANK	NA	8/11/98	Indeno(1,2,3-cd)pyrene	<MDL	ppm	0.005	500	0.9	4
E38132-13	FIELD BLANK	NA	8/11/98	Methylene chloride	<MDL	ppm	0.002	1	49	210
E38132-13	FIELD BLANK	NA	8/11/98	Naphthalene	<MDL	ppm	0.005	100	230	4,200
E38132-13	FIELD BLANK	NA	8/11/98	Phenanthrene	<MDL	ppm	0.005	NA	NA	NA
E38132-13	FIELD BLANK	NA	8/11/98	Pyrene	<MDL	ppm	0.005	100	1,700	10000
E38132-13	FIELD BLANK	NA	8/11/98	Styrene	<MDL	ppm	0.005	100	23	97
E38132-13	FIELD BLANK	NA	8/11/98	Tetrachloroethene	<MDL	ppm	0.001	1	4	6
E38132-13	FIELD BLANK	NA	8/11/98	Toluene	<MDL	ppm	0.005	500	1000	1000
E38132-13	FIELD BLANK	NA	8/11/98	Total TIC, Volatile	<MDL	ppm	N/A	1000	1000	1000
E38132-13	FIELD BLANK	NA	8/11/98	TPH-DRO (C9-C22)	<MDL	ppm	0.1	10000	10000	10000
E38132-13	FIELD BLANK	NA	8/11/98	TPH-GRO (C4-C12)	<MDL	ppm		1000	1000	1000
E38132-13	FIELD BLANK	NA	8/11/98	trans-1,2-Dichloroethene	<MDL	ppm	0.005	50	1000	1000
E38132-13	FIELD BLANK	NA	8/11/98	trans-1,3-Dichloropropene	<MDL	ppm	0.001	1	4	5
E38132-13	FIELD BLANK	NA	8/11/98	Trichloroethene	<MDL	ppm	0.001	1	23	54
E38132-13	FIELD BLANK	NA	8/11/98	Vinyl chloride	<MDL	ppm	0.005	10	2	7
E38132-13	FIELD BLANK	NA	8/11/98	Xylene (total)	<MDL	ppm	0.005	10	410	1000
E38133-19	FB-8-12-98	NA	8/12/98	1,1,1-Trichloroethane	<MDL	ppm	0.005	50	210	1000
E38133-19	FB-8-12-98	NA	8/12/98	1,1,2,2-Tetrachloroethane	<MDL	ppm	0.002	1	34	70
E38133-19	FB-8-12-98	NA	8/12/98	1,1,2-Trichloroethane	<MDL	ppm	0.003	1	22	420
E38133-19	FB-8-12-98	NA	8/12/98	1,1-Dichloroethane	<MDL	ppm	0.005	10	570	1000
E38133-19	FB-8-12-98	NA	8/12/98	1,1-Dichloroethene	<MDL	ppm	0.002	10	8	150
E38133-19	FB-8-12-98	NA	8/12/98	1,2-Dichlorobenzene	<MDL	ppm	0.005	50	5100	10000
E38133-19	FB-8-12-98	NA	8/12/98	1,2-Dichloroethane	<MDL	ppm	0.002	1	6	24
E38133-19	FB-8-12-98	NA	8/12/98	1,2-Dichloropropane	<MDL	ppm	0.001	NA	10	43
E38133-19	FB-8-12-98	NA	8/12/98	1,3-Dichlorobenzene	<MDL	ppm	0.005	100	5100	10000
E38133-19	FB-8-12-98	NA	8/12/98	1,4-Dichlorobenzene	<MDL	ppm	0.005	100	570	10000
E38133-19	FB-8-12-98	NA	8/12/98	2-Chloroethyl vinyl ether	<MDL	ppm	0.02	NA	NA	NA
E38133-19	FB-8-12-98	NA	8/12/98	Acenaphthene	<MDL	ppm	0.005	100	3,400	10000
E38133-19	FB-8-12-98	NA	8/12/98	Acenaphthylene	<MDL	ppm	0.005	NA	NA	NA
E38133-19	FB-8-12-98	NA	8/12/98	Acrolein	<MDL	ppm	0.1	NA	NA	NA
E38133-19	FB-8-12-98	NA	8/12/98	Acrylonitrile	<MDL	ppm	0.1	1	1	5
E38133-19	FB-8-12-98	NA	8/12/98	Anthracene	<MDL	ppm	0.005	100	10000	10000
E38133-19	FB-8-12-98	NA	8/12/98	Benzene	<MDL	ppm	0.001	1	3	13
E38133-19	FB-8-12-98	NA	8/12/98	Benzo(a)anthracene	<MDL	ppm	0.005	500	0.9	4
E38133-19	FB-8-12-98	NA	8/12/98	Benzo(a)pyrene	<MDL	ppm	0.005	100	0.66	0.66

TABLE 1. NEWARK DELANCY TERMINAL SOIL DELINEATION ANALYTICAL RESULTS, AUGUST 1998

LABORATORY SAMPLE NO.	SAMPLE LOCATION	INTERVAL SAMPLED (ft)	DATE SAMPLED	CONSTITUENT	CONC.	UNITS	LAB MDL	IGSCC	RDCSCC	NDCSCC
E38133-19	FB-8-12-98	NA	8/12/98	Benzo(b)fluoranthene	<MDL	ppm	0.005	500	0.9	4
E38133-19	FB-8-12-98	NA	8/12/98	Benzo(g,h,i)perylene	<MDL	ppm	0.005	NA	NA	NA
E38133-19	FB-8-12-98	NA	8/12/98	Benzo(k)fluoranthene	<MDL	ppm	0.005	NA	NA	NA
E38133-19	FB-8-12-98	NA	8/12/98	Bromodichloromethane	<MDL	ppm	0.001	1	11	46
E38133-19	FB-8-12-98	NA	8/12/98	Bromoform	<MDL	ppm	0.004	1	86	370
E38133-19	FB-8-12-98	NA	8/12/98	Bromomethane	<MDL	ppm	0.005	1	79	1000
E38133-19	FB-8-12-98	NA	8/12/98	Carbon dioxide	0	ppm	N/A	N/A	N/A	N/A
E38133-19	FB-8-12-98	NA	8/12/98	Carbon tetrachloride	<MDL	ppm	0.001	1	2	4
E38133-19	FB-8-12-98	NA	8/12/98	Chlorobenzene	<MDL	ppm	0.004	1	37	680
E38133-19	FB-8-12-98	NA	8/12/98	Chloroethane	<MDL	ppm	0.005	NA	NA	NA
E38133-19	FB-8-12-98	NA	8/12/98	Chloroform	<MDL	ppm	0.005	1	19	28
E38133-19	FB-8-12-98	NA	8/12/98	Chloromethane	<MDL	ppm	0.005	10	520	1000
E38133-19	FB-8-12-98	NA	8/12/98	Chrysene	<MDL	ppm	0.005	500	9	40
E38133-19	FB-8-12-98	NA	8/12/98	cis-1,2-Dichloroethene	<MDL	ppm	0.005	1	79	1000
E38133-19	FB-8-12-98	NA	8/12/98	cis-1,3-Dichloropropene	<MDL	ppm	0.001	1	4	5
E38133-19	FB-8-12-98	NA	8/12/98	Dibenzo(a,h)anthracene	<MDL	ppm	0.005	100	0.66	0.66
E38133-19	FB-8-12-98	NA	8/12/98	Dibromochloromethane	<MDL	ppm	0.005	1	110	10000
E38133-19	FB-8-12-98	NA	8/12/98	Dichlorodifluoromethane	<MDL	ppm	0.005	NA	NA	NA
E38133-19	FB-8-12-98	NA	8/12/98	Ethylbenzene	<MDL	ppm	0.005	100	1,000	1,000
E38133-19	FB-8-12-98	NA	8/12/98	Fluoranthene	<MDL	ppm	0.005	100	2,300	10000
E38133-19	FB-8-12-98	NA	8/12/98	Fluorene	<MDL	ppm	0.005	100	2,300	10000
E38133-19	FB-8-12-98	NA	8/12/98	Indeno(1,2,3-cd)pyrene	<MDL	ppm	0.005	500	0.9	4
E38133-19	FB-8-12-98	NA	8/12/98	Methylene chloride	<MDL	ppm	0.002	1	49	210
E38133-19	FB-8-12-98	NA	8/12/98	Naphthalene	<MDL	ppm	0.005	100	230	4,200
E38133-19	FB-8-12-98	NA	8/12/98	Phenanthrene	<MDL	ppm	0.005	NA	NA	NA
E38133-19	FB-8-12-98	NA	8/12/98	Pyrene	<MDL	ppm	0.005	100	1,700	10000
E38133-19	FB-8-12-98	NA	8/12/98	Tetrachloroethene	<MDL	ppm	0.001	1	4	6
E38133-19	FB-8-12-98	NA	8/12/98	Toluene	<MDL	ppm	0.005	500	1000	1000
E38133-19	FB-8-12-98	NA	8/12/98	Total TIC, Volatile	<MDL	ppm	N/A	1000	1000	1000
E38133-19	FB-8-12-98	NA	8/12/98	trans-1,2-Dichloroethene	<MDL	ppm	0.005	50	1000	1000
E38133-19	FB-8-12-98	NA	8/12/98	trans-1,3-Dichloropropene	<MDL	ppm	0.001	1	4	5
E38133-19	FB-8-12-98	NA	8/12/98	Trichloroethene	<MDL	ppm	0.001	1	23	54
E38133-19	FB-8-12-98	NA	8/12/98	Trichlorofluoromethane	<MDL	ppm	0.005	NA	NA	NA
E38133-19	FB-8-12-98	NA	8/12/98	Vinyl chloride	<MDL	ppm	0.005	10	2	7
E38133-19	FB-8-12-98	NA	8/12/98	Xylene (total)	<MDL	ppm	0.005	10	410	1000
E38180-11	FB-8-13-98	NA	8/13/98	1,1,1-Trichloroethane	<MDL	ppm	0.005	50	210	1000
E38180-11	FB-8-13-98	NA	8/13/98	1,1,2,2-Tetrachloroethane	<MDL	ppm	0.002	1	34	70
E38180-11	FB-8-13-98	NA	8/13/98	1,1,2-Trichloroethane	<MDL	ppm	0.003	1	22	420
E38180-11	FB-8-13-98	NA	8/13/98	1,1-Dichloroethane	<MDL	ppm	0.005	10	570	1000
E38180-11	FB-8-13-98	NA	8/13/98	1,1-Dichloroethene	<MDL	ppm	0.002	10	8	150
E38180-11	FB-8-13-98	NA	8/13/98	1,2-Dichloroethane	<MDL	ppm	0.002	1	6	24
E38180-11	FB-8-13-98	NA	8/13/98	1,2-Dichloropropane	<MDL	ppm	0.001	NA	10	43
E38180-11	FB-8-13-98	NA	8/13/98	2-Butanone (MEK)	<MDL	ppm	0.01	NA	NA	NA
E38180-11	FB-8-13-98	NA	8/13/98	2-Hexanone	<MDL	ppm	0.01	NA	NA	NA
E38180-11	FB-8-13-98	NA	8/13/98	4-Methyl-2-pentanone(MIBK)	<MDL	ppm	0.01	50	1000	1000
E38180-11	FB-8-13-98	NA	8/13/98	Acetone	<MDL	ppm	0.025	100	1000	1000
E38180-11	FB-8-13-98	NA	8/13/98	Benzene	<MDL	ppm	0.001	1	3	13
E38180-11	FB-8-13-98	NA	8/13/98	Bromodichloromethane	<MDL	ppm	0.001	1	11	46
E38180-11	FB-8-13-98	NA	8/13/98	Bromoform	<MDL	ppm	0.004	1	86	370
E38180-11	FB-8-13-98	NA	8/13/98	Bromomethane	<MDL	ppm	0.005	1	79	1000
E38180-11	FB-8-13-98	NA	8/13/98	Carbon dioxide	0	ppm	N/A	NA	NA	NA
E38180-11	FB-8-13-98	NA	8/13/98	Carbon disulfide	<MDL	ppm	0.005	NA	NA	NA
E38180-11	FB-8-13-98	NA	8/13/98	Carbon tetrachloride	<MDL	ppm	0.001	1	2	4
E38180-11	FB-8-13-98	NA	8/13/98	Chlorobenzene	<MDL	ppm	0.004	1	37	680
E38180-11	FB-8-13-98	NA	8/13/98	Chloroethane	<MDL	ppm	0.005	NA	NA	NA
E38180-11	FB-8-13-98	NA	8/13/98	Chloroform	<MDL	ppm	0.005	1	19	28
E38180-11	FB-8-13-98	NA	8/13/98	Chloromethane	<MDL	ppm	0.005	10	520	1000
E38180-11	FB-8-13-98	NA	8/13/98	cis-1,2-Dichloroethene	<MDL	ppm	0.005	1	79	1000
E38180-11	FB-8-13-98	NA	8/13/98	cis-1,3-Dichloropropene	<MDL	ppm	0.001	1	4	5
E38180-11	FB-8-13-98	NA	8/13/98	Dibromochloromethane	<MDL	ppm	0.005	1	110	10000

TABLE 1. NEWARK DELANCY TERMINAL SOIL DELINEATION ANALYTICAL RESULTS, AUGUST 1998

LABORATORY SAMPLE NO.	SAMPLE LOCATION	INTERVAL SAMPLED (ft)	DATE SAMPLED	CONSTITUENT	CONC.	UNITS	LAB MDL	IGSCC	RDCSCC	NDCSCC
E38180-11	FB-8-13-98	NA	8/13/98	Ethylbenzene	<MDL	ppm	0.005	100	1,000	1,000
E38180-11	FB-8-13-98	NA	8/13/98	Methyl Tert Butyl Ether	<MDL	ppm	0.005	NA	NA	NA
E38180-11	FB-8-13-98	NA	8/13/98	Methylene chloride	<MDL	ppm	0.002	1	49	210
E38180-11	FB-8-13-98	NA	8/13/98	Styrene	<MDL	ppm	0.005	100	23	97
E38180-11	FB-8-13-98	NA	8/13/98	Tert Butyl Alcohol	<MDL	ppm	0.05	NA	NA	NA
E38180-11	FB-8-13-98	NA	8/13/98	Tetrachloroethene	<MDL	ppm	0.001	1	4	6
E38180-11	FB-8-13-98	NA	8/13/98	Toluene	<MDL	ppm	0.005	500	1000	1000
E38180-11	FB-8-13-98	NA	8/13/98	Total TIC, Volatile	<MDL	ppm	N/A	1000	1000	1000
E38180-11	FB-8-13-98	NA	8/13/98	trans-1,2-Dichloroethene	<MDL	ppm	0.005	50	1000	1000
E38180-11	FB-8-13-98	NA	8/13/98	trans-1,3-Dichloropropene	<MDL	ppm	0.001	1	4	5
E38180-11	FB-8-13-98	NA	8/13/98	Trichloroethene	<MDL	ppm	0.001	1	23	54
E38180-11	FB-8-13-98	NA	8/13/98	Vinyl chloride	<MDL	ppm	0.005	10	2	7
E38180-11	FB-8-13-98	NA	8/13/98	Xylene (total)	<MDL	ppm	0.005	10	410	1000

NOTES:
IGSCC = Impact to Groundwater Soil Cleanup Criteria.
RDCSCC = Residential Direct Contact Soil Cleanup Criteria.
NDCSCC = Non-Residential Direct Contact Soil Cleanup Criteria.
NA or N/A = Not Applicable or Not Available.
TBD = To Be Determined (by regulatory agency).
MDL = Method Detection Limit.
ppm = parts per million (equivalent to mg/kg).
Detected compounds are designated with *italics* (excluding unknown compounds).
Detected compounds above corresponding RDCSCC levels are designated with **bold** type.

TABLE 2. DETECTED COMPOUNDS, NEWARK DELANCY TERMINAL AUGUST 1998 SOIL SAMPLING EVENT

LABORATORY SAMPLE NO.	SAMPLE LOCATION	INTERVAL SAMPLED (ft)	DATE SAMPLED	CONSTITUENT	CONC.	UNITS	LAB MDL	IGSCC	RDCSCC	NDCSCC
E38132-1	B51A	0-2'	8/11/98	**Lead**	921	ppm	12	400	600	TBD
E38132-2	B51A	2-4'	8/11/98	**Lead**	1440	ppm	14	400	600	TBD
E38132-18	LR9	0-2'	8/11/98	**TPH-GRO (C4-C12)**	5630	ppm	32	1000	1000	1000
E38132-19R	LR9	2-4'	8/11/98	Anthracene	1	ppm	1.1	100	10,000	10,000
E38132-19R	LR9	2-4'	8/11/98	Aromatic Hydrocarbon	200	ppm	N/A	NA	NA	NA
E38132-19R	LR9	2-4'	8/11/98	**Benzene**	158	ppm	15	1	3	13
E38132-19R	LR9	2-4'	8/11/98	**Benzo(a)anthracene**	1	ppm	1.1	500	0.9	4
E38132-19R	LR9	2-4'	8/11/98	**Benzo(a)pyrene**	2	ppm	1.1	100	0.66	0.66
E38132-19R	LR9	2-4'	8/11/98	**Benzo(b)fluoranthene**	2	ppm	1.1	500	0.9	4
E38132-19R	LR9	2-4'	8/11/98	Benzo(g,h,i)perylene	1	ppm	1.1	NA	NA	NA
E38132-19R	LR9	2-4'	8/11/98	Benzo(k)fluoranthene	1	ppm	1.1	NA	NA	NA
E38132-19R	LR9	2-4'	8/11/98	Chrysene	2	ppm	1.1	500	9	40
E38132-19R	LR9	2-4'	8/11/98	Ethylbenzene	471	ppm	15	100	1,000	1,000
E38132-19R	LR9	2-4'	8/11/98	Fluoranthene	3	ppm	1.1	100	2,300	10000
E38132-19R	LR9	2-4'	8/11/98	**Indeno(1,2,3-cd)pyrene**	1	ppm	1.1	500	0.9	4
E38132-19R	LR9	2-4'	8/11/98	Naphthalene	79	ppm	5.7	100	230	4,200
E38132-19R	LR9	2-4'	8/11/98	Phenanthrene	3	ppm	1.1	NA	NA	NA
E38132-19R	LR9	2-4'	8/11/98	**Toluene**	1060	ppm	15	500	1000	1000
E38132-19R	LR9	2-4'	8/11/98	**Total TIC, Volatile**	3740	ppm	N/A	1000	1000	1000
E38132-19	LR9	2-4'	8/11/98	TPH-DRO (C9-C22)	5370	ppm	460	10000	10000	10000
E38132-19	LR9	2-4'	8/11/98	**TPH-GRO (C4-C12)**	22800	ppm	400	1000	1000	1000
E38132-19R	LR9	2-4'	8/11/98	**Xylene (total)**	2160	ppm	15	10	410	1000
E38132-4	LR10	0-2'	8/11/98	**Benzene**	4	ppm	0.61	1	3	13
E38132-4	LR10	0-2'	8/11/98	Ethylbenzene	64	ppm	2.4	100	1,000	1,000
E38132-4	LR10	0-2'	8/11/98	Heptane	30	ppm	N/A	NA	NA	NA
E38132-4	LR10	0-2'	8/11/98	Toluene	1	ppm	0.61	500	1000	1000
E38132-4	LR10	0-2'	8/11/98	Total TIC, Volatile	610	ppm	N/A	1000	1000	1000
E38132-4	LR10	0-2'	8/11/98	Trimethylbenzene	31	ppm	N/A	NA	NA	NA
E38132-4	LR10	0-2'	8/11/98	Xylene (total)	7	ppm	0.61	10	410	1000
E38132-5	LR10	2-4'	8/11/98	**Benzene**	8	ppm	0.6	1	3	13
E38132-5	LR10	2-4'	8/11/98	Benzene, propyl-	34	ppm	N/A	NA	NA	NA
E38132-5	LR10	2-4'	8/11/98	Benzene,-diethyl-	63	ppm	N/A	NA	NA	NA
E38132-5	LR10	2-4'	8/11/98	Ethylbenzene	83	ppm	2.4	100	1,000	1,000
E38132-5	LR10	2-4'	8/11/98	Toluene	1	ppm	0.6	500	1000	1000
E38132-5	LR10	2-4'	8/11/98	Total TIC, Volatile	728	ppm	N/A	1000	1000	1000
E38132-5	LR10	2-4'	8/11/98	Trimethylbenzene	61	ppm	N/A	NA	NA	NA
E38132-5	LR10	2-4'	8/11/98	Trimethylbenzene	51	ppm	N/A	NA	NA	NA
E38132-5	LR10	2-4'	8/11/98	Xylene (total)	14	ppm	0.6	10	410	1000
E38132-14	LR11	0-2'	8/11/98	Benzene	1	ppm	0.64	1	3	13
E38132-14	LR11	0-2'	8/11/98	Benzene, -diethyl-	41	ppm	N/A	NA	NA	NA
E38132-14	LR11	0-2'	8/11/98	Benzene, -ethyl–dimethyl-	34	ppm	N/A	NA	NA	NA
E38132-14	LR11	0-2'	8/11/98	Benzene, -ethyl–methyl-	31	ppm	N/A	NA	NA	NA
E38132-14	LR11	0-2'	8/11/98	Ethylbenzene	25	ppm	0.64	100	1,000	1,000
E38132-14	LR11	0-2'	8/11/98	Heptane	34	ppm	N/A	NA	NA	NA
E38132-14	LR11	0-2'	8/11/98	Total TIC, Volatile	727	ppm	N/A	1000	1000	1000
E38132-14	LR11	0-2'	8/11/98	Trimethylbenzene	59	ppm	N/A	NA	NA	NA
E38132-14	LR11	0-2'	8/11/98	Xylene (total)	50	ppm	0.64	10	410	1000
E38132-15	LR11	2-4'	8/11/98	Benzene	2	ppm	0.64	1	3	13
E38132-15	LR11	2-4'	8/11/98	Benzene, -ethyl–methyl-	33	ppm	N/A	NA	NA	NA
E38132-15	LR11	2-4'	8/11/98	Ethylbenzene	19	ppm	0.64	100	1,000	1,000
E38132-15	LR11	2-4'	8/11/98	Heptane	38	ppm	N/A	NA	NA	NA
E38132-15	LR11	2-4'	8/11/98	Total TIC, Volatile	631	ppm	N/A	1000	1000	1000
E38132-15	LR11	2-4'	8/11/98	Trimethylbenzene	57	ppm	N/A	NA	NA	NA
E38132-15	LR11	2-4'	8/11/98	Trimethylbenzene	22	ppm	N/A	NA	NA	NA
E38132-15	LR11	2-4'	8/11/98	Xylene (total)	56	ppm	0.64	10	410	1000

TABLE 2. DETECTED COMPOUNDS, NEWARK DELANCY TERMINAL AUGUST 1998 SOIL SAMPLING EVENT

LABORATORY SAMPLE NO.	SAMPLE LOCATION	INTERVAL SAMPLED (ft)	DATE SAMPLED	CONSTITUENT	CONC.	UNITS	LAB MDL	IGSCC	RDCSCC	NDCSCC
E38132-10	LR12	0-2'	8/11/98	**Benzene**	**8**	ppm	5.9	1	3	13
E38132-10	LR12	0-2'	8/11/98	Benzene, -ethyl--methyl-	110	ppm	N/A	NA	NA	NA
E38132-10	LR12	0-2'	8/11/98	Ethylbenzene	68	ppm	5.9	100	1,000	1,000
E38132-10	LR12	0-2'	8/11/98	Toluene	1	ppm	5.9	500	1000	1000
E38132-10	LR12	0-2'	8/11/98	**Total TIC, Volatile**	**1699**	ppm	N/A	1000	**1000**	1000
E38132-10	LR12	0-2'	8/11/98	Trimethylbenzene	97	ppm	N/A	NA	NA	NA
E38132-10	LR12	0-2'	8/11/98	Trimethylbenzene	280	ppm	N/A	NA	NA	NA
E38132-10	LR12	0-2'	8/11/98	Xylene (total)	185	ppm	5.9	10	410	1000
E38132-11	LR12	2-4'	8/11/98	**Benzene**	**4**	ppm	0.62	1	3	13
E38132-11	LR12	2-4'	8/11/98	Ethylbenzene	35	ppm	0.62	100	1,000	1,000
E38132-11	LR12	2-4'	8/11/98	Heptane	47	ppm	N/A	NA	NA	NA
E38132-11	LR12	2-4'	8/11/98	Naphthalene	45	ppm	N/A	100	230	4200
E38132-11	LR12	2-4'	8/11/98	**Total TIC, Volatile**	**1029**	ppm	N/A	1000	**1000**	1000
E38132-11	LR12	2-4'	8/11/98	Xylene (total)	38	ppm	0.62	10	410	1000
E38132-20	LR13	0-2'	8/11/98	**Benzene**	**5**	ppm	0.63	1	3	13
E38132-20	LR13	0-2'	8/11/98	Ethylbenzene	9	ppm	0.63	100	1,000	1,000
E38132-20	LR13	0-2'	8/11/98	Heptane	28	ppm	N/A	NA	NA	NA
E38132-20	LR13	0-2'	8/11/98	Toluene	2	ppm	0.63	500	1000	1000
E38132-20	LR13	0-2'	8/11/98	Total TIC, Volatile	375	ppm	N/A	1000	1000	1000
E38132-20	LR13	0-2'	8/11/98	Xylene (total)	3	ppm	0.63	10	410	1000
E38132-21	LR13	2-4'	8/11/98	**Benzene**	**104**	ppm	8.8	1	3	13
E38132-21	LR13	2-4'	8/11/98	Benzene, -ethyl--methyl-	670	ppm	N/A	NA	NA	NA
E38132-21	LR13	2-4'	8/11/98	Ethylbenzene	275	ppm	8.8	100	1,000	1,000
E38132-21	LR13	2-4'	8/11/98	Heptane	260	ppm	N/A	NA	NA	NA
E38132-21	LR13	2-4'	8/11/98	Toluene	144	ppm	8.8	500	1000	1000
E38132-21	LR13	2-4'	8/11/98	**Total TIC, Volatile**	**5130**	ppm	N/A	1000	**1000**	1000
E38132-21	LR13	2-4'	8/11/98	Trimethylbenzene	810	ppm	N/A	NA	NA	NA
E38132-21	LR13	2-4'	8/11/98	**Xylene (total)**	**1060**	ppm	8.8	10	**410**	1000
E38132-16	LR14	0-2'	8/11/98	**Benzene**	**33**	ppm	0.59	1	3	13
E38132-16	LR14	0-2'	8/11/98	Ethylbenzene	14	ppm	0.59	100	1,000	1,000
E38132-16	LR14	0-2'	8/11/98	Heptane	14	ppm	N/A	NA	NA	NA
E38132-16	LR14	0-2'	8/11/98	Toluene	3	ppm	0.59	500	1000	1000
E38132-16	LR14	0-2'	8/11/98	Total TIC, Volatile	299	ppm	N/A	1000	1000	1000
E38132-16	LR14	0-2'	8/11/98	Trimethylbenzene	14	ppm	N/A	NA	NA	NA
E38132-16	LR14	0-2'	8/11/98	Xylene (total)	14	ppm	0.59	10	410	1000
E38132-17	LR14	2-4'	8/11/98	**Benzene**	**17**	ppm	0.91	1	3	13
E38132-17	LR14	2-4'	8/11/98	Benzene, -ethyl--methyl-	31	ppm	N/A	NA	NA	NA
E38132-17	LR14	2-4'	8/11/98	Ethylbenzene	60	ppm	0.91	100	1,000	1,000
E38132-17	LR14	2-4'	8/11/98	Heptane	59	ppm	N/A	NA	NA	NA
E38132-17	LR14	2-4'	8/11/98	Toluene	51	ppm	0.91	500	1000	1000
E38132-17	LR14	2-4'	8/11/98	Total TIC, Volatile	811	ppm	N/A	1000	1000	1000
E38132-17	LR14	2-4'	8/11/98	Trimethylbenzene	52	ppm	N/A	NA	NA	NA
E38132-17	LR14	2-4'	8/11/98	Xylene (total)	179	ppm	0.91	10	410	1000
E38180-8	PP17	0-2'	8/13/98	Acenaphthene	14	ppm	2.2	100	3,400	10000
E38180-8	PP17	0-2'	8/13/98	**Benzo(a)anthracene**	**1**	ppm	0.44	500	**0.9**	4
E38180-8	PP17	0-2'	8/13/98	**Benzo(a)pyrene**	**2**	ppm	0.44	100	**0.66**	0.66
E38180-8	PP17	0-2'	8/13/98	**Benzo(b)fluoranthene**	**2**	ppm	0.44	500	**0.9**	4
E38180-8	PP17	0-2'	8/13/98	Benzo(g,h,i)perylene	1	ppm	0.44	NA	NA	NA
E38180-8	PP17	0-2'	8/13/98	Benzo(k)fluoranthene	1	ppm	0.44	NA	NA	NA
E38180-8	PP17	0-2'	8/13/98	Chrysene	2	ppm	0.44	500	9	40
E38180-8	PP17	0-2'	8/13/98	**Indeno(1,2,3-cd)pyrene**	**1**	ppm	0.44	500	**0.9**	4
E38180-8	PP17	0-2'	8/13/98	Phenanthrene	32	ppm	2.2	NA	NA	NA
E38180-8	PP17	0-2'	8/13/98	Pyrene	5	ppm	0.44	100	1,700	10000
E38180-9	PP17	2-4'	8/13/98	Acenaphthene	1	ppm	0.24	100	3,400	10000

TABLE 2. DETECTED COMPOUNDS, NEWARK DELANCY TERMINAL AUGUST 1998 SOIL SAMPLING EVENT

LABORATORY SAMPLE NO.	SAMPLE LOCATION	INTERVAL SAMPLED (ft)	DATE SAMPLED	CONSTITUENT	CONC.	UNITS	LAB MDL	IGSCC	RDCSCC	NDCSCC
E38180-9	PP17	2-4'	8/13/98	**Benzo(a)anthracene**	1	ppm	0.24	500	0.9	4
E38180-9	PP17	2-4'	8/13/98	**Benzo(a)pyrene**	1	ppm	0.24	100	0.66	0.66
E38180-9	PP17	2-4'	8/13/98	**Benzo(b)fluoranthene**	1	ppm	0.24	500	0.9	4
E38180-9	PP17	2-4'	8/13/98	Benzo(k)fluoranthene	1	ppm	0.24	NA	NA	NA
E38180-9	PP17	2-4'	8/13/98	Chrysene	1	ppm	0.24	500	9	40
E38180-9	PP17	2-4'	8/13/98	Fluoranthene	1	ppm	0.24	100	2,300	10000
E38180-9	PP17	2-4'	8/13/98	Fluorene	2	ppm	0.24	100	2,300	10000
E38180-9	PP17	2-4'	8/13/98	Phenanthrene	2	ppm	0.24	NA	NA	NA
E38180-9	PP17	2-4'	8/13/98	Pyrene	1	ppm	0.24	100	1,700	10000
E38180-1	PP18	0-2'	8/12/98	**TPH-DRO (C9-C22)**	39000	ppm	840	10000	10000	10000
E38180-1	PP18	0-2'	8/12/98	**TPH-GRO (C4-C12)**	3040	ppm	350	1000	1000	1000
E38180-1R	PP18	0-2'	8/12/98	Acenaphthene	19	ppm	1	100	3,400	10000
E38180-1R	PP18	0-2'	8/12/98	**Benzo(a)anthracene**	1	ppm	1	500	0.9	4
E38180-1R	PP18	0-2'	8/12/98	**Benzo(a)pyrene**	2	ppm	1	100	0.66	0.66
E38180-1R	PP18	0-2'	8/12/98	**Benzo(b)fluoranthene**	2	ppm	1	500	0.9	4
E38180-1R	PP18	0-2'	8/12/98	Benzo(g,h,i)perylene	2	ppm	1	NA	NA	NA
E38180-1R	PP18	0-2'	8/12/98	Benzo(k)fluoranthene	1	ppm	1	NA	NA	NA
E38180-1R	PP18	0-2'	8/12/98	Chrysene	2	ppm	1	500	9	40
E38180-1R	PP18	0-2'	8/12/98	Fluoranthene	2	ppm	1	100	2,300	10000
E38180-1R	PP18	0-2'	8/12/98	Fluorene	16	ppm	1	100	2,300	10000
E38180-1R	PP18	0-2'	8/12/98	**Indeno(1,2,3-cd)pyrene**	1	ppm	1	500	0.9	4
E38180-1R	PP18	0-2'	8/12/98	Phenanthrene	41	ppm	2.1	NA	NA	NA
E38180-1R	PP18	0-2'	8/12/98	Pyrene	5	ppm	1	100	1,700	10000
E38180-1R	PP18	0-2'	8/12/98	**Total TIC, Volatile**	1894	ppm	N/A	1000	1000	1000
E38180-2	PP18	2-4'	8/12/98	**TPH-DRO (C9-C22)**	22700	ppm	560	10000	10000	10000
E38180-2	PP18	2-4'	8/12/98	**TPH-GRO (C4-C12)**	2510	ppm	410	1000	1000	1000
E38180-3	PP19	0-2'	8/12/98	**TPH-DRO (C9-C22)**	39200	ppm	890	10000	10000	10000
E38180-3	PP19	0-2'	8/12/98	**TPH-GRO (C4-C12)**	2890	ppm	360	1000	1000	1000
E38180-3R	PP19	0-2'	8/12/98	Acenaphthene	12	ppm	1.1	100	3,400	10000
E38180-3R	PP19	0-2'	8/12/98	**Benzo(a)anthracene**	1	ppm	1.1	500	0.9	4
E38180-3R	PP19	0-2'	8/12/98	**Benzo(a)pyrene**	1	ppm	1.1	100	0.66	0.66
E38180-3R	PP19	0-2'	8/12/98	**Benzo(b)fluoranthene**	1	ppm	1.1	500	0.9	4
E38180-3R	PP19	0-2'	8/12/98	Benzo(g,h,i)perylene	1	ppm	1.1	NA	NA	NA
E38180-3R	PP19	0-2'	8/12/98	Benzo(k)fluoranthene	1	ppm	1.1	NA	NA	NA
E38180-3R	PP19	0-2'	8/12/98	Chrysene	1	ppm	1.1	500	9	40
E38180-3R	PP19	0-2'	8/12/98	Fluoranthene	1	ppm	1.1	100	2,300	10000
E38180-3R	PP19	0-2'	8/12/98	Fluorene	14	ppm	1.1	100	2,300	10000
E38180-3R	PP19	0-2'	8/12/98	**Indeno(1,2,3-cd)pyrene**	1	ppm	1.1	500	0.9	4
E38180-3R	PP19	0-2'	8/12/98	Phenanthrene	37	ppm	2.2	NA	NA	NA
E38180-3R	PP19	0-2'	8/12/98	Pyrene	3	ppm	1.1	100	1,700	10000
E38180-3R	PP19	0-2'	8/12/98	**Total TIC, Volatile**	1519	ppm	N/A	1000	1000	1000
E38180-4	PP19	2-4'	8/12/98	**TPH-DRO (C9-C22)**	11200	ppm	440	10000	10000	10000
E38180-4	PP19	2-4'	8/12/98	**TPH-GRO (C4-C12)**	2360	ppm	340	1000	1000	1000
E38133-14	PP20	0-2'	8/12/98	**Benzo(a)anthracene**	1	ppm	1.2	500	0.9	4
E38133-14	PP20	0-2'	8/12/98	**Benzo(a)pyrene**	2	ppm	1.2	100	0.66	0.66
E38133-14	PP20	0-2'	8/12/98	**Benzo(b)fluoranthene**	2	ppm	1.2	500	0.9	4
E38133-14	PP20	0-2'	8/12/98	Benzo(g,h,i)perylene	1	ppm	1.2	NA	NA	NA
E38133-14	PP20	0-2'	8/12/98	Benzo(k)fluoranthene	2	ppm	1.2	NA	NA	NA
E38133-14	PP20	0-2'	8/12/98	Carbon dioxide	3	ppm	N/A	N/A	N/A	N/A
E38133-14	PP20	0-2'	8/12/98	Chrysene	1	ppm	1.2	500	9	40
E38133-14	PP20	0-2'	8/12/98	Fluoranthene	2	ppm	1.2	100	2,300	10000
E38133-14	PP20	0-2'	8/12/98	**Indeno(1,2,3-cd)pyrene**	1	ppm	1.2	500	0.9	4
E38133-14	PP20	0-2'	8/12/98	Phenanthrene	1	ppm	1.2	NA	NA	NA
E38133-14	PP20	0-2'	8/12/98	Pyrene	2	ppm	1.2	100	1,700	10000
E38133-15	PP20	2-4'	8/12/98	**Benzo(a)anthracene**	4	ppm	1.3	500	0.9	4
E38133-15	PP20	2-4'	8/12/98	**Benzo(a)pyrene**	4	ppm	1.3	100	0.66	0.66

TABLE 2. DETECTED COMPOUNDS, NEWARK DELANCY TERMINAL AUGUST 1998 SOIL SAMPLING EVENT

LABORATORY SAMPLE NO.	SAMPLE LOCATION	INTERVAL SAMPLED (ft)	DATE SAMPLED	CONSTITUENT	CONC.	UNITS	LAB MDL	IGSCC	RDCSCC	NDCSCC
E38133-15	PP20	2-4'	8/12/98	**Benzo(b)fluoranthene**	3	ppm	1.3	500	0.9	4
E38133-15	PP20	2-4'	8/12/98	Benzo(g,h,i)perylene	3	ppm	1.3	NA	NA	NA
E38133-15	PP20	2-4'	8/12/98	Benzo(k)fluoranthene	3	ppm	1.3	NA	NA	NA
E38133-15	PP20	2-4'	8/12/98	Carbon dioxide	3	ppm	N/A	N/A	N/A	N/A
E38133-15	PP20	2-4'	8/12/98	Chrysene	4	ppm	1.3	500	9	40
E38133-15	PP20	2-4'	8/12/98	**Dibenzo(a,h)anthracene**	1	ppm	1.3	100	0.66	0.66
E38133-15	PP20	2-4'	8/12/98	Fluoranthene	2	ppm	1.3	100	2,300	10000
E38133-15	PP20	2-4'	8/12/98	Pyrene	3	ppm	1.3	100	1,700	10000
E38133-16	PP21	0-2'	8/12/98	Anthracene	1	ppm	0.38	100	10000	10000
E38133-16	PP21	0-2'	8/12/98	Benzene	1	ppm	0.71	1	3	13
E38133-16	PP21	0-2'	8/12/98	**Benzo(a)anthracene**	4	ppm	0.38	500	0.9	4
E38133-16	PP21	0-2'	8/12/98	**Benzo(a)pyrene**	4	ppm	0.38	100	0.66	0.66
E38133-16	PP21	0-2'	8/12/98	**Benzo(b)fluoranthene**	4	ppm	0.38	500	0.9	4
E38133-16	PP21	0-2'	8/12/98	Benzo(g,h,i)perylene	3	ppm	0.38	NA	NA	NA
E38133-16	PP21	0-2'	8/12/98	Benzo(k)fluoranthene	2	ppm	0.38	NA	NA	NA
E38133-16	PP21	0-2'	8/12/98	Carbon dioxide	2	ppm	N/A	N/A	N/A	N/A
E38133-16	PP21	0-2'	8/12/98	Chrysene	4	ppm	0.38	500	9	40
E38133-16	PP21	0-2'	8/12/98	**Dibenzo(a,h)anthracene**	1	ppm	0.38	100	0.66	0.66
E38133-16	PP21	0-2'	8/12/98	Fluoranthene	6	ppm	0.38	100	2,300	10000
E38133-16	PP21	0-2'	8/12/98	**Indeno(1,2,3-cd)pyrene**	3	ppm	0.38	500	0.9	4
E38133-16	PP21	0-2'	8/12/98	Phenanthrene	3	ppm	0.38	NA	NA	NA
E38133-16	PP21	0-2'	8/12/98	Pyrene	6	ppm	0.38	100	1,700	10000
E38133-16	PP21	0-2'	8/12/98	Toluene	2	ppm	0.71	500	1000	1000
E38133-16	PP21	0-2'	8/12/98	Xylene (total)	1	ppm	0.71	10	410	1000
E38133-17	PP21	2-4'	8/12/98	**Benzo(a)pyrene**	1	ppm	0.47	100	0.66	0.66
E38133-17	PP21	2-4'	8/12/98	**Benzo(b)fluoranthene**	1	ppm	0.47	500	0.9	4
E38133-17	PP21	2-4'	8/12/98	Benzo(g,h,i)perylene	1	ppm	0.47	NA	NA	NA
E38133-17	PP21	2-4'	8/12/98	Benzo(k)fluoranthene	1	ppm	0.47	NA	NA	NA
E38133-17	PP21	2-4'	8/12/98	Carbon dioxide	2	ppm	N/A	N/A	N/A	N/A
E38133-17	PP21	2-4'	8/12/98	Chrysene	1	ppm	0.47	500	9	40
E38133-17	PP21	2-4'	8/12/98	Fluoranthene	1	ppm	0.47	100	2,300	10000
E38133-17	PP21	2-4'	8/12/98	**Indeno(1,2,3-cd)pyrene**	1	ppm	0.47	500	0.9	4
E38133-17	PP21	2-4'	8/12/98	Phenanthrene	1	ppm	0.47	NA	NA	NA
E38133-17	PP21	2-4'	8/12/98	Pyrene	1	ppm	0.47	100	1,700	10000
E38133-17	PP21	2-4'	8/12/98	Total TIC, Volatile	2	ppm	N/A	1000	1000	1000
E38132-8	ST20	0-2'	8/11/98	**Benzo(a)anthracene**	1	ppm	0.41	500	0.9	4
E38132-8	ST20	0-2'	8/11/98	**Benzo(a)pyrene**	1	ppm	0.41	100	0.66	0.66
E38132-8	ST20	0-2'	8/11/98	**Benzo(b)fluoranthene**	1	ppm	0.41	500	0.9	4
E38132-8	ST20	0-2'	8/11/98	Benzo(g,h,i)perylene	1	ppm	0.41	NA	NA	NA
E38132-8	ST20	0-2'	8/11/98	Benzo(k)fluoranthene	1	ppm	0.41	NA	NA	NA
E38132-8	ST20	0-2'	8/11/98	Chrysene	1	ppm	0.41	500	9	40
E38132-8	ST20	0-2'	8/11/98	Fluoranthene	2	ppm	0.41	100	2,300	10000
E38132-8	ST20	0-2'	8/11/98	Phenanthrene	1	ppm	0.41	NA	NA	NA
E38132-8	ST20	0-2'	8/11/98	Pyrene	2	ppm	0.41	100	1,700	10000
E38133-9	ST21	0-2'	8/12/98	**Benzo(a)anthracene**	1	ppm	0.42	500	0.9	4
E38133-9	ST21	0-2'	8/12/98	**Benzo(a)pyrene**	1	ppm	0.42	100	0.66	0.66
E38133-9	ST21	0-2'	8/12/98	**Benzo(b)fluoranthene**	1	ppm	0.42	500	0.9	4
E38133-9	ST21	0-2'	8/12/98	Benzo(k)fluoranthene	1	ppm	0.42	NA	NA	NA
E38133-9	ST21	0-2'	8/12/98	Carbon dioxide	2	ppm	N/A	N/A	N/A	N/A
E38133-9	ST21	0-2'	8/12/98	Chrysene	1	ppm	0.42	500	9	40
E38133-9	ST21	0-2'	8/12/98	Dodecane	1	ppm	N/A	N/A	N/A	N/A
E38133-9	ST21	0-2'	8/12/98	Fluoranthene	1	ppm	0.42	100	2,300	10000
E38133-9	ST21	0-2'	8/12/98	Pyrene	1	ppm	0.42	100	1,700	10000
E38133-9	ST21	0-2'	8/12/98	Total TIC, Volatile	4	ppm	N/A	1000	1000	1000
E38133-9	ST21	0-2'	8/12/98	Trimethylbenzene	1	ppm	N/A	N/A	N/A	N/A
E38133-9	ST21	0-2'	8/12/98	Undecane	1	ppm	N/A	N/A	N/A	N/A
E38133-10	ST21	2-4'	8/12/98	**Benzo(a)anthracene**	1	ppm	0.2	500	0.9	4

TABLE 2. DETECTED COMPOUNDS, NEWARK DELANCY TERMINAL AUGUST 1998 SOIL SAMPLING EVENT

LABORATORY SAMPLE NO.	SAMPLE LOCATION	INTERVAL SAMPLED (ft)	DATE SAMPLED	CONSTITUENT	CONC.	UNITS	LAB MDL	IGSCC	RDCSCC	NDCSCC
E38133-10	ST21	2-4'	8/12/98	**Benzo(a)pyrene**	1	ppm	0.2	100	0.66	0.66
E38133-10	ST21	2-4'	8/12/98	**Benzo(b)fluoranthene**	1	ppm	0.2	500	0.9	4
E38133-10	ST21	2-4'	8/12/98	Benzo(k)fluoranthene	1	ppm	0.2	NA	NA	NA
E38133-10	ST21	2-4'	8/12/98	Carbon dioxide	2	ppm	N/A	N/A	N/A	N/A
E38133-10	ST21	2-4'	8/12/98	Chrysene	1	ppm	0.2	500	9	40
E38133-10	ST21	2-4'	8/12/98	Fluoranthene	2	ppm	0.2	100	2,300	10000
E38133-10	ST21	2-4'	8/12/98	Pyrene	1	ppm	0.2	100	1,700	10000
E38133-10	ST21	2-4'	8/12/98	Total TIC, Volatile	11	ppm	N/A	1000	1000	1000
E38133-10	ST21	2-4'	8/12/98	Trimethylbenzene	2	ppm	N/A	N/A	N/A	N/A
E38133-10	ST21	2-4'	8/12/98	Xylene (total)	1	ppm	0.76	10	410	1000
E38133-5	ST22	0-2'	8/12/98	Acenaphthene	2	ppm	2.8	100	3,400	10000
E38133-5	ST22	0-2'	8/12/98	Anthracene	1	ppm	2.8	100	10000	10000
E38133-5	ST22	0-2'	8/12/98	**Benzene**	28	ppm	9.6	1	3	13
E38133-5	ST22	0-2'	8/12/98	**Benzo(a)anthracene**	3	ppm	2.8	500	0.9	4
E38133-5	ST22	0-2'	8/12/98	**Benzo(a)pyrene**	3	ppm	2.8	100	0.66	0.66
E38133-5	ST22	0-2'	8/12/98	**Benzo(b)fluoranthene**	3	ppm	2.8	500	0.9	4
E38133-5	ST22	0-2'	8/12/98	Benzo(g,h,i)perylene	1	ppm	2.8	NA	NA	NA
E38133-5	ST22	0-2'	8/12/98	Benzo(k)fluoranthene	2	ppm	2.8	NA	NA	NA
E38133-5	ST22	0-2'	8/12/98	Chrysene	3	ppm	2.8	500	9	40
E38133-5	ST22	0-2'	8/12/98	**Dibenzo(a,h)anthracene**	1	ppm	2.8	100	0.66	0.66
E38133-5	ST22	0-2'	8/12/98	Ethylbenzene	558	ppm	9.6	100	1,000	1,000
E38133-5	ST22	0-2'	8/12/98	Fluoranthene	5	ppm	2.8	100	2,300	10000
E38133-5	ST22	0-2'	8/12/98	Fluorene	3	ppm	2.8	100	2,300	10000
E38133-5	ST22	0-2'	8/12/98	**Indeno(1,2,3-cd)pyrene**	1	ppm	2.8	500	0.9	4
E38133-5	ST22	0-2'	8/12/98	Naphthalene	155	ppm	5.6	100	230	4,200
E38133-5	ST22	0-2'	8/12/98	Phenanthrene	6	ppm	2.8	NA	NA	NA
E38133-5	ST22	0-2'	8/12/98	Pyrene	4	ppm	2.8	100	1,700	10000
E38133-5	ST22	0-2'	8/12/98	Toluene	31	ppm	9.6	500	1000	1000
E38133-5	ST22	0-2'	8/12/98	**Total TIC, Volatile**	13060	ppm	N/A	1000	1000	1000
E38133-5	ST22	0-2'	8/12/98	**Xylene (total)**	3810	ppm	38	10	410	1000
E38133-7	ST22	2-4'	8/12/98	Acenaphthene	1	ppm	0.2	100	3,400	10000
E38133-7	ST22	2-4'	8/12/98	**Benzene**	12	ppm	8	1	3	13
E38133-7	ST22	2-4'	8/12/98	Benzene, -ethyl–methyl-	300	ppm	N/A	N/A	N/A	N/A
E38133-7	ST22	2-4'	8/12/98	**Benzo(a)anthracene**	1	ppm	0.2	500	0.9	4
E38133-7	ST22	2-4'	8/12/98	**Benzo(a)pyrene**	1	ppm	0.2	100	0.66	0.66
E38133-7	ST22	2-4'	8/12/98	**Benzo(b)fluoranthene**	2	ppm	0.2	500	0.9	4
E38133-7	ST22	2-4'	8/12/98	Benzo(g,h,i)perylene	1	ppm	0.2	NA	NA	NA
E38133-7	ST22	2-4'	8/12/98	Benzo(k)fluoranthene	1	ppm	0.2	NA	NA	NA
E38133-7	ST22	2-4'	8/12/98	Chrysene	1	ppm	0.2	500	9	40
E38133-7	ST22	2-4'	8/12/98	Ethylbenzene	160	ppm	8	100	1,000	1,000
E38133-7	ST22	2-4'	8/12/98	Fluoranthene	2	ppm	0.2	100	2,300	10000
E38133-7	ST22	2-4'	8/12/98	Fluorene	1	ppm	0.2	100	2,300	10000
E38133-7	ST22	2-4'	8/12/98	Naphthalene	49	ppm	4.1	100	230	4,200
E38133-7	ST22	2-4'	8/12/98	Phenanthrene	2	ppm	0.2	NA	NA	NA
E38133-7	ST22	2-4'	8/12/98	Pyrene	2	ppm	0.2	100	1,700	10000
E38133-7	ST22	2-4'	8/12/98	Toluene	10	ppm	8	500	1000	1000
E38133-7	ST22	2-4'	8/12/98	**Total TIC, Volatile**	2247	ppm	N/A	1000	1000	1000
E38133-7	ST22	2-4'	8/12/98	Trimethylbenzene	130	ppm	N/A	N/A	N/A	N/A
E38133-7	ST22	2-4'	8/12/98	**Xylene (total)**	984	ppm	8	10	410	1000
E38133-6	ST23	0-2'	8/12/98	**Benzene**	24	ppm	6.9	1	3	13
E38133-6	ST23	0-2'	8/12/98	Benzene, propyl-	55	ppm	N/A	N/A	N/A	N/A
E38133-6	ST23	0-2'	8/12/98	**Benzo(a)anthracene**	3	ppm	1	500	0.9	4
E38133-6	ST23	0-2'	8/12/98	**Benzo(a)pyrene**	2	ppm	1	100	0.66	0.66
E38133-6	ST23	0-2'	8/12/98	**Benzo(b)fluoranthene**	2	ppm	1	500	0.9	4
E38133-6	ST23	0-2'	8/12/98	Benzo(g,h,i)perylene	1	ppm	1	NA	NA	NA
E38133-6	ST23	0-2'	8/12/98	Benzo(k)fluoranthene	2	ppm	1	NA	NA	NA
E38133-6	ST23	0-2'	8/12/98	Chrysene	3	ppm	1	500	9	40
E38133-6	ST23	0-2'	8/12/98	Ethylbenzene	135	ppm	6.9	100	1,000	1,000
E38133-6	ST23	0-2'	8/12/98	Fluoranthene	5	ppm	1	100	2,300	10000

TABLE 2. DETECTED COMPOUNDS, NEWARK DELANCY TERMINAL AUGUST 1998 SOIL SAMPLING EVENT

LABORATORY SAMPLE NO.	SAMPLE LOCATION	INTERVAL SAMPLED (ft)	DATE SAMPLED	CONSTITUENT	CONC.	UNITS	LAB MDL	IGSCC	RDCSCC	NDCSCC
E38133-6	ST23	0-2'	8/12/98	Fluorene	1	ppm	1	100	2,300	10000
E38133-6	ST23	0-2'	8/12/98	**Indeno(1,2,3-cd)pyrene**	1	ppm	1	500	0.9	4
E38133-6	ST23	0-2'	8/12/98	Naphthalene	32	ppm	1	100	230	4,200
E38133-6	ST23	0-2'	8/12/98	Phenanthrene	2	ppm	1	NA	NA	NA
E38133-6	ST23	0-2'	8/12/98	Pyrene	4	ppm	1	100	1,700	10000
E38133-6	ST23	0-2'	8/12/98	Toluene	117	ppm	6.9	500	1000	1000
E38133-6	ST23	0-2'	8/12/98	**Total TIC, Volatile**	1555	ppm	N/A	1000	1000	1000
E38133-6	ST23	0-2'	8/12/98	**Xylene (total)**	562	ppm	6.9	10	410	1000
E38133-8	ST23	2-4'	8/12/98	Acenaphthene	1	ppm	0.22	100	3,400	10000
E38133-8	ST23	2-4'	8/12/98	Anthracene	1	ppm	0.22	100	10000	10000
E38133-8	ST23	2-4'	8/12/98	**Benzene**	76	ppm	8	1	3	13
E38133-8	ST23	2-4'	8/12/98	Benzene, -ethyl–methyl-	410	ppm	N/A	N/A	N/A	N/A
E38133-8	ST23	2-4'	8/12/98	Benzene, -trimethyl-	160	ppm	N/A	N/A	N/A	N/A
E38133-8	ST23	2-4'	8/12/98	**Benzo(a)anthracene**	4	ppm	0.22	500	0.9	4
E38133-8	ST23	2-4'	8/12/98	**Benzo(a)pyrene**	3	ppm	0.22	100	0.66	0.66
E38133-8	ST23	2-4'	8/12/98	**Benzo(b)fluoranthene**	5	ppm	0.22	500	0.9	4
E38133-8	ST23	2-4'	8/12/98	Benzo(g,h,i)perylene	1	ppm	0.22	NA	NA	NA
E38133-8	ST23	2-4'	8/12/98	Benzo(k)fluoranthene	3	ppm	0.22	NA	NA	NA
E38133-8	ST23	2-4'	8/12/98	Chrysene	4	ppm	0.22	500	9	40
E38133-8	ST23	2-4'	8/12/98	**Dibenzo(a,h)anthracene**	1	ppm	0.22	100	0.66	0.66
E38133-8	ST23	2-4'	8/12/98	Ethylbenzene	330	ppm	8	100	1,000	1,000
E38133-8	ST23	2-4'	8/12/98	Fluoranthene	9	ppm	0.22	100	2,300	10000
E38133-8	ST23	2-4'	8/12/98	Fluorene	1	ppm	0.22	100	2,300	10000
E38133-8	ST23	2-4'	8/12/98	**Indeno(1,2,3-cd)pyrene**	1	ppm	0.22	500	0.9	4
E38133-8	ST23	2-4'	8/12/98	Naphthalene	58	ppm	2.2	100	230	4,200
E38133-8	ST23	2-4'	8/12/98	Phenanthrene	4	ppm	0.22	NA	NA	NA
E38133-8	ST23	2-4'	8/12/98	Pyrene	7	ppm	0.22	100	1,700	10000
E38133-8	ST23	2-4'	8/12/98	Toluene	70	ppm	8	500	1000	1000
E38133-8	ST23	2-4'	8/12/98	**Total TIC, Volatile**	4200	ppm	N/A	1000	1000	1000
E38133-8	ST23	2-4'	8/12/98	**Xylene (total)**	1280	ppm	8	10	410	1000
E38133-3	ST24	0-2'	8/12/98	Benzene	2	ppm	0.84	1	3	13
E38133-3	ST24	0-2'	8/12/98	Benzene, propyl-	2	ppm	N/A	N/A	N/A	N/A
E38133-3	ST24	0-2'	8/12/98	Carbon dioxide	2	ppm	N/A	N/A	N/A	N/A
E38133-3	ST24	0-2'	8/12/98	Ethylbenzene	8	ppm	0.84	100	1,000	1,000
E38133-4	ST24	2-4'	8/12/98	**Indeno(1,2,3-cd)pyrene**	1	ppm	1.1	500	0.9	4
E38133-3	ST24	0-2'	8/12/98	Pentane, 2-methyl-	3	ppm	N/A	N/A	N/A	N/A
E38133-3	ST24	0-2'	8/12/98	Total TIC, Volatile	47	ppm	N/A	1000	1000	1000
E38133-3	ST24	0-2'	8/12/98	Xylene (total)	17	ppm	0.84	10	410	1000
E38133-4	ST24	2-4'	8/12/98	Acenaphthene	2	ppm	1.1	100	3,400	10000
E38133-4	ST24	2-4'	8/12/98	Anthracene	1	ppm	1.1	100	10000	10000
E38133-4	ST24	2-4'	8/12/98	**Benzene**	45	ppm	9.2	1	3	13
E38133-4	ST24	2-4'	8/12/98	**Benzo(a)anthracene**	2	ppm	1.1	500	0.9	4
E38133-4	ST24	2-4'	8/12/98	**Benzo(a)pyrene**	2	ppm	1.1	100	0.66	0.66
E38133-4	ST24	2-4'	8/12/98	**Benzo(b)fluoranthene**	2	ppm	1.1	500	0.9	4
E38133-4	ST24	2-4'	8/12/98	Benzo(g,h,i)perylene	1	ppm	1.1	NA	NA	NA
E38133-4	ST24	2-4'	8/12/98	Benzo(k)fluoranthene	1	ppm	1.1	NA	NA	NA
E38133-4	ST24	2-4'	8/12/98	Chrysene	2	ppm	1.1	500	9	40
E38133-4	ST24	2-4'	8/12/98	Fluoranthene	3	ppm	1.1	100	2,300	10000
E38133-4	ST24	2-4'	8/12/98	Fluorene	2	ppm	1.1	100	2,300	10000
E38133-4	ST24	2-4'	8/12/98	Heptane	480	ppm	N/A	N/A	N/A	N/A
E38133-4	ST24	2-4'	8/12/98	Naphthalene	93	ppm	5.4	100	230	4,200
E38133-4	ST24	2-4'	8/12/98	**Indeno(1,2,3-cd)pyrene**	1	ppm	1.1	500	0.9	4
E38133-4	ST24	2-4'	8/12/98	Phenanthrene	4	ppm	1.1	NA	NA	NA
E38133-4	ST24	2-4'	8/12/98	Pyrene	3	ppm	1.1	100	1,700	10000
E38133-4	ST24	2-4'	8/12/98	Toluene	14	ppm	9.2	500	1000	1000
E38133-4	ST24	2-4'	8/12/98	**Total TIC, Volatile**	8200	ppm	N/A	1000	1000	1000
E38133-4	ST24	2-4'	8/12/98	**Xylene (total)**	1690	ppm	37	10	410	1000
E38133-1	ST25	0-2'	8/12/98	Acenaphthene	1	ppm	0.44	100	3,400	10000

TABLE 2. DETECTED COMPOUNDS, NEWARK DELANCY TERMINAL AUGUST 1998 SOIL SAMPLING EVENT

LABORATORY SAMPLE NO.	SAMPLE LOCATION	INTERVAL SAMPLED (ft)	DATE SAMPLED	CONSTITUENT	CONC.	UNITS	LAB MDL	IGSCC	RDCSCC	NDCSCC
E38133-1	ST25	0-2'	8/12/98	Anthracene	1	ppm	0.44	100	10000	10000
E38133-1	ST25	0-2'	8/12/98	**Benzene**	20	ppm	0.86	1	3	13
E38133-1	ST25	0-2'	8/12/98	**Benzo(a)anthracene**	2	ppm	0.44	500	0.9	4
E38133-1	ST25	0-2'	8/12/98	**Benzo(a)pyrene**	2	ppm	0.44	100	0.66	0.66
E38133-1	ST25	0-2'	8/12/98	**Benzo(b)fluoranthene**	2	ppm	0.44	500	0.9	4
E38133-1	ST25	0-2'	8/12/98	Benzo(g,h,i)perylene	1	ppm	0.44	NA	NA	NA
E38133-1	ST25	0-2'	8/12/98	Benzo(k)fluoranthene	2	ppm	0.44	NA	NA	NA
E38133-1	ST25	0-2'	8/12/98	Chrysene	2	ppm	0.44	500	9	40
E38133-1	ST25	0-2'	8/12/98	Ethylbenzene	142	ppm	17	100	1,000	1,000
E38133-1	ST25	0-2'	8/12/98	Fluoranthene	3	ppm	0.44	100	2,300	10000
E38133-1	ST25	0-2'	8/12/98	Fluorene	1	ppm	0.44	100	2,300	10000
E38133-1	ST25	0-2'	8/12/98	**Indeno(1,2,3-cd)pyrene**	1	ppm	0.44	500	0.9	4
E38133-1	ST25	0-2'	8/12/98	Naphthalene	58	ppm	2.2	100	230	4,200
E38133-1	ST25	0-2'	8/12/98	Phenanthrene	3	ppm	0.44	NA	NA	NA
E38133-1	ST25	0-2'	8/12/98	Pyrene	3	ppm	0.44	100	1,700	10000
E38133-1	ST25	0-2'	8/12/98	Toluene	241	ppm	17	500	1000	1000
E38133-1	ST25	0-2'	8/12/98	Total TIC, Volatile	363	ppm	N/A	1000	1000	1000
E38133-1	ST25	0-2'	8/12/98	**Xylene (total)**	676	ppm	17	10	410	1000
E38133-2	ST25	2-4'	8/12/98	Acenaphthene	1	ppm	1.2	100	3,400	10000
E38133-2	ST25	2-4'	8/12/98	Anthracene	1	ppm	1.2	100	10000	10000
E38133-2	ST25	2-4'	8/12/98	**Benzene**	32	ppm	10	1	3	13
E38133-2	ST25	2-4'	8/12/98	**Benzo(a)anthracene**	2	ppm	1.2	500	0.9	4
E38133-2	ST25	2-4'	8/12/98	**Benzo(a)pyrene**	2	ppm	1.2	100	0.66	0.66
E38133-2	ST25	2-4'	8/12/98	**Benzo(b)fluoranthene**	2	ppm	1.2	500	0.9	4
E38133-2	ST25	2-4'	8/12/98	Benzo(g,h,i)perylene	1	ppm	1.2	NA	NA	NA
E38133-2	ST25	2-4'	8/12/98	Benzo(k)fluoranthene	2	ppm	1.2	NA	NA	NA
E38133-2	ST25	2-4'	8/12/98	Chrysene	2	ppm	1.2	500	9	40
E38133-2	ST25	2-4'	8/12/98	Ethylbenzene	349	ppm	10	100	1,000	1,000
E38133-2	ST25	2-4'	8/12/98	Fluoranthene	4	ppm	1.2	100	2,300	10000
E38133-2	ST25	2-4'	8/12/98	Fluorene	2	ppm	1.2	100	2,300	10000
E38133-2	ST25	2-4'	8/12/98	**Indeno(1,2,3-cd)pyrene**	1	ppm	1.2	500	0.9	4
E38133-2	ST25	2-4'	8/12/98	Naphthalene	94	ppm	6.2	100	230	4,200
E38133-2	ST25	2-4'	8/12/98	Phenanthrene	4	ppm	1.2	NA	NA	NA
E38133-2	ST25	2-4'	8/12/98	Pyrene	3	ppm	1.2	100	1,700	10000
E38133-2	ST25	2-4'	8/12/98	Toluene	477	ppm	10	500	1000	1000
E38133-2	ST25	2-4'	8/12/98	**Total TIC, Volatile**	3580	ppm	N/A	1000	1000	1000
E38133-2	ST25	2-4'	8/12/98	**Xylene (total)**	1560	ppm	10	10	410	1000
E38133-12	ST26A	0-2'	8/12/98	TPH-DRO (C9-C22)	184	ppm	39	10000	10000	10000
E38133-12	ST26A	0-2'	8/12/98	TPH-GRO (C4-C12)	57.7	ppm	29	1000	1000	1000
E38133-13	ST26	2-4'	8/12/98	**TPH-DRO (C9-C22)**	16700	ppm	470	10000	10000	10000
E38133-13	ST26	2-4'	8/12/98	**TPH-GRO (C4-C12)**	1540	ppm	70	1000	1000	1000
E38133-13R	ST26	2-4'	8/12/98	Acenaphthene	14	ppm	1.2	100	3,400	10000
E38133-13R	ST26	2-4'	8/12/98	Aromatic Hydrocarbon	34	ppm	N/A	N/A	N/A	N/A
E38133-13R	ST26	2-4'	8/12/98	Benzene ethyl dimethyl isomer	41	ppm	N/A	N/A	N/A	N/A
E38133-13R	ST26	2-4'	8/12/98	Benzene,-ethyl-dimethyl-	43	ppm	N/A	N/A	N/A	N/A
E38133-13R	ST26	2-4'	8/12/98	**Benzo(a)anthracene**	3	ppm	1.2	500	0.9	4
E38133-13R	ST26	2-4'	8/12/98	**Benzo(a)pyrene**	4	ppm	1.2	100	0.66	0.66
E38133-13R	ST26	2-4'	8/12/98	**Benzo(b)fluoranthene**	3	ppm	1.2	500	0.9	4
E38133-13R	ST26	2-4'	8/12/98	Benzo(g,h,i)perylene	4	ppm	1.2	NA	NA	NA
E38133-13R	ST26	2-4'	8/12/98	Benzo(k)fluoranthene	3	ppm	1.2	NA	NA	NA
E38133-13R	ST26	2-4'	8/12/98	Chrysene	3	ppm	1.2	500	9	40
E38133-13R	ST26	2-4'	8/12/98	Fluoranthene	4	ppm	1.2	100	2,300	10000
E38133-13R	ST26	2-4'	8/12/98	Fluorene	15	ppm	1.2	100	2,300	10000
E38133-13R	ST26	2-4'	8/12/98	**Indeno(1,2,3-cd)pyrene**	7	ppm	1.2	500	0.9	4
E38133-13R	ST26	2-4'	8/12/98	Phenanthrene	41	ppm	2.3	NA	NA	NA
E38133-13R	ST26	2-4'	8/12/98	Pyrene	6	ppm	1.2	100	1,700	10000
E38133-13R	ST26	2-4'	8/12/98	Total TIC, Volatile	558	ppm	N/A	1000	1000	1000
E38180-18	T304A	0-2'	8/13/98	Carbon dioxide	2	ppm	N/A	NA	NA	NA

TABLE 2. DETECTED COMPOUNDS, NEWARK DELANCY TERMINAL AUGUST 1998 SOIL SAMPLING EVENT

LABORATORY SAMPLE NO.	SAMPLE LOCATION	INTERVAL SAMPLED (ft)	DATE SAMPLED	CONSTITUENT	CONC.	UNITS	LAB MDL	IGSCC	RDCSCC	NDCSCC
E38180-18	T304A	0-2'	8/13/98	**Lead**	**6520**	ppm	12	400	**600**	TBD
E38180-18	T304A	0-2'	8/13/98	Toluene	1	ppm	0.75	500	1000	1000
E38180-18	T304A	0-2'	8/13/98	TPH-DRO (C9-C22)	145	ppm	4	10000	10000	10000
E38180-18	T304A	0-2'	8/13/98	Xylene (total)	1	ppm	0.75	10	410	1000
E38180-17	T304A	2-4'	8/13/98	Carbon dioxide	2	ppm	<MD	NA	NA	NA
E38180-17	T304A	2-4'	8/13/98	**Lead**	**2090**	ppm	13	400	**600**	TBD
E38180-17	T304A	2-4'	8/13/98	TPH-DRO (C9-C22)	147	ppm	4.4	10000	10000	10000
E38132-3	T304B	Surface	8/11/98	**Benzene**	**8**	ppm	0.71	1	**3**	13
E38132-3	T304B	Surface	8/11/98	Ethylbenzene	33	ppm	0.71	100	1,000	1,000
E38132-3	T304B	Surface	8/11/98	Heptane	59	ppm	N/A	NA	NA	NA
E38132-3	T304B	Surface	8/11/98	Lead	41	ppm	11	400	600	TBD
E38132-3	T304B	Surface	8/11/98	Methyl Tert Butyl Ether	32	ppm	0.71	NA	NA	NA
E38132-3	T304B	Surface	8/11/98	Toluene	100	ppm	2.8	500	1000	1000
E38132-3	T304B	Surface	8/11/98	Total TIC, Volatile	549	ppm	N/A	1000	1000	1000
E38132-3	T304B	Surface	8/11/98	TPH-DRO (C9-C22)	952	ppm	84	10000	10000	10000
E38132-3	T304B	Surface	8/11/98	**TPH-GRO (C4-C12)**	**2510**	ppm	30	1000	**1000**	1000
E38132-3	T304B	Surface	8/11/98	Trimethylbenzene	14	ppm	N/A	NA	NA	NA
E38132-3	T304B	Surface	8/11/98	Trimethylbenzene	40	ppm	N/A	NA	NA	NA
E38132-3	T304B	Surface	8/11/98	Trimethylbenzene	15	ppm	N/A	NA	NA	NA
E38132-3	T304B	Surface	8/11/98	Xylene (total)	209	ppm	2.8	10	410	1000
E38180-13	T304C	0-2'	8/13/98	Benzene	2	ppm	0.7	1	3	13
E38180-13	T304C	0-2'	8/13/98	Carbon dioxide	1	ppm	N/A	NA	NA	NA
E38180-13	T304C	0-2'	8/13/98	Ethylbenzene	1	ppm	0.7	100	1,000	1,000
E38180-13	T304C	0-2'	8/13/98	**Lead**	**1070**	ppm	11	400	**600**	TBD
E38180-13	T304C	0-2'	8/13/98	Pentane, 2-methyl-	1	ppm	N/A	NA	NA	NA
E38180-13	T304C	0-2'	8/13/98	Toluene	1	ppm	0.7	500	1000	1000
E38180-13	T304C	0-2'	8/13/98	Total TIC, Volatile	25	ppm	N/A	1000	1000	1000
E38180-13	T304C	0-2'	8/13/98	TPH-DRO (C9-C22)	200	ppm	3.7	10000	10000	10000
E38180-13	T304C	0-2'	8/13/98	TPH-GRO (C4-C12)	96.9	ppm	29	1000	1000	1000
E38180-13	T304C	0-2'	8/13/98	Trimethylbenzene	2	ppm	N/A	NA	NA	NA
E38180-13	T304C	0-2'	8/13/98	Xylene (total)	2	ppm	0.7	10	410	1000
E38180-14	T304C	2-4'	8/13/98	**Benzene**	**23**	ppm	10	1	**3**	13
E38180-14	T304C	2-4'	8/13/98	Benzene, -ethyl--methyl-	370	ppm	N/A	NA	NA	NA
E38180-14	T304C	2-4'	8/13/98	Benzene, propyl-	83	ppm	N/A	NA	NA	NA
E38180-14	T304C	2-4'	8/13/98	Ethylbenzene	219	ppm	10	100	1,000	1,000
E38180-14	T304C	2-4'	8/13/98	**Lead**	**734**	ppm	15	400	**600**	TBD
E38180-14	T304C	2-4'	8/13/98	Toluene	83	ppm	10	500	1000	1000
E38180-14	T304C	2-4'	8/13/98	**Total TIC, Volatile**	**2399**	ppm	N/A	1000	**1000**	1000
E38180-14	T304C	2-4'	8/13/98	TPH-DRO (C9-C22)	3540	ppm	240	10000	10000	10000
E38180-14	T304C	2-4'	8/13/98	**TPH-GRO (C4-C12)**	**10900**	ppm	190	1000	**1000**	1000
E38180-14	T304C	2-4'	8/13/98	Trimethylbenzene	150	ppm	N/A	NA	NA	NA
E38180-14	T304C	2-4'	8/13/98	**Xylene (total)**	**1120**	ppm	10	10	**410**	1000
E38180-16	T304D	0-2'	8/13/98	Carbon dioxide	1	ppm	N/A	NA	NA	NA
E38180-16	T304D	0-2'	8/13/98	**Lead**	**1070**	ppm	11	400	**600**	TBD
E38180-16	T304D	0-2'	8/13/98	Toluene	1	ppm	0.64	500	1000	1000
E38180-16	T304D	0-2'	8/13/98	TPH-DRO (C9-C22)	105	ppm	3.8	10000	10000	10000
E38180-15	T304D	2-4'	8/13/98	**Benzene**	**4**	ppm	7.6	1	**3**	13
E38180-15	T304D	2-4'	8/13/98	Ethylbenzene	61	ppm	7.6	100	1,000	1,000
E38180-15	T304D	2-4'	8/13/98	**Lead**	**1180**	ppm	13	400	**600**	TBD
E38180-15	T304D	2-4'	8/13/98	Toluene	10	ppm	7.6	500	1000	1000
E38180-15	T304D	2-4'	8/13/98	**Total TIC, Volatile**	**1815**	ppm	<MD	1000	**1000**	1000
E38180-15	T304D	2-4'	8/13/98	TPH-DRO (C9-C22)	3000	ppm	240	10000	10000	10000
E38180-15	T304D	2-4'	8/13/98	**TPH-GRO (C4-C12)**	**8020**	ppm	150	1000	**1000**	1000
E38180-15	T304D	2-4'	8/13/98	**Xylene (total)**	**546**	ppm	7.6	10	**410**	1000
E38180-6	T304E	0-2'	8/13/98	Benzene	1	ppm	0.66	1	3	13

TABLE 2. DETECTED COMPOUNDS, NEWARK DELANCY TERMINAL AUGUST 1998 SOIL SAMPLING EVENT

LABORATORY SAMPLE NO.	SAMPLE LOCATION	INTERVAL SAMPLED (ft)	DATE SAMPLED	CONSTITUENT	CONC.	UNITS	LAB MDL	IGSCC	RDCSCC	NDCSCC
E38180-6	T304E	0-2'	8/13/98	Carbon dioxide	1	ppm	N/A	NA	NA	NA
E38180-6	T304E	0-2'	8/13/98	**Lead**	**886**	ppm	12	400	**600**	TBD
E38180-6	T304E	0-2'	8/13/98	Pentane, 2-methyl-	1	ppm	N/A	NA	NA	NA
E38180-6	T304E	0-2'	8/13/98	Toluene	1	ppm	0.66	500	1000	1000
E38180-6	T304E	0-2'	8/13/98	Total TIC, Volatile	3	ppm	N/A	1000	1000	1000
E38180-6	T304E	0-2'	8/13/98	TPH-DRO (C9-C22)	145	ppm	3.8	10000	10000	10000
E38180-6	T304E	0-2'	8/13/98	Xylene (total)	1	ppm	0.66	10	410	1000
E38180-7	T304E	2-4'	8/13/98	**Benzene**	**20**	ppm	0.81	1	**3**	13
E38180-7	T304E	2-4'	8/13/98	Benzene, propyl-	32	ppm	N/A	NA	NA	NA
E38180-7	T304E	2-4'	8/13/98	Ethylbenzene	89	ppm	8.1	100	1,000	1,000
E38180-7	T304E	2-4'	8/13/98	**Lead**	**821**	ppm	12	400	**600**	TBD
E38180-7	T304E	2-4'	8/13/98	Toluene	35	ppm	0.81	500	1000	1000
E38180-7	T304E	2-4'	8/13/98	Total TIC, Volatile	907	ppm	N/A	1000	1000	1000
E38180-7	T304E	2-4'	8/13/98	TPH-DRO (C9-C22)	1990	ppm	41	10000	10000	10000
E38180-7	T304E	2-4'	8/13/98	**TPH-GRO (C4-C12)**	**5850**	ppm	30	1000	**1000**	1000
E38180-7	T304E	2-4'	8/13/98	**Xylene (total)**	**541**	ppm	8.1	10	**410**	1000
E38180-5	Dup (PP18)	0-2'	8/12/98	**Benzo(a)anthracene**	**1**	ppm	0.4	500	**0.9**	4
E38180-5	Dup (PP18)	0-2'	8/12/98	**Benzo(a)pyrene**	**1**	ppm	0.4	100	**0.66**	0.66
E38180-5	Dup (PP18)	0-2'	8/12/98	**Benzo(b)fluoranthene**	**2**	ppm	0.4	500	**0.9**	4
E38180-5	Dup (PP18)	0-2'	8/12/98	Benzo(k)fluoranthene	1	ppm	0.4	NA	NA	NA
E38180-5	Dup (PP18)	0-2'	8/12/98	Chrysene	1	ppm	0.4	500	9	40
E38180-5	Dup (PP18)	0-2'	8/12/98	Fluoranthene	1	ppm	0.4	100	2,300	10000
E38180-5	Dup (PP18)	0-2'	8/12/98	Pyrene	1	ppm	0.4	100	1,700	10000
E38180-5	Dup (PP18)	0-2'	8/12/98	**Total TIC, Volatile**	**3460**	ppm	N/A	1000	**1000**	1000
E38180-5	Dup (PP18)	0-2'	8/12/98	**TPH-DRO (C9-C22)**	**39400**	ppm	800	10000	**10000**	10000
E38180-5	Dup (PP18)	0-2'	8/12/98	**TPH-GRO (C4-C12)**	**2280**	ppm	300	1000	**1000**	1000
E38133-11	Dup (ST25)	0-2'	8/12/98	Acenaphthene	1	ppm	0.42	100	3,400	10000
E38133-11	Dup (ST25)	0-2'	8/12/98	Anthracene	1	ppm	0.42	100	10000	10000
E38133-11	Dup (ST25)	0-2'	8/12/98	**Benzene**	**43**	ppm	7.1	1	**3**	13
E38133-11	Dup (ST25)	0-2'	8/12/98	**Benzo(a)anthracene**	**2**	ppm	0.42	500	**0.9**	4
E38133-11	Dup (ST25)	0-2'	8/12/98	**Benzo(a)pyrene**	**2**	ppm	0.42	100	**0.66**	0.66
E38133-11	Dup (ST25)	0-2'	8/12/98	**Benzo(b)fluoranthene**	**2**	ppm	0.42	500	**0.9**	4
E38133-11	Dup (ST25)	0-2'	8/12/98	Benzo(g,h,i)perylene	1	ppm	0.42	NA	NA	NA
E38133-11	Dup (ST25)	0-2'	8/12/98	Benzo(k)fluoranthene	2	ppm	0.42	NA	NA	NA
E38133-11	Dup (ST25)	0-2'	8/12/98	Chrysene	2	ppm	0.42	500	9	40
E38133-11	Dup (ST25)	0-2'	8/12/98	Ethylbenzene	244	ppm	7.1	100	1,000	1,000
E38133-11	Dup (ST25)	0-2'	8/12/98	Fluoranthene	4	ppm	0.42	100	2,300	10000
E38133-11	Dup (ST25)	0-2'	8/12/98	Fluorene	1	ppm	0.42	100	2,300	10000
E38133-11	Dup (ST25)	0-2'	8/12/98	Heptane	330	ppm	N/A	N/A	N/A	N/A
E38133-11	Dup (ST25)	0-2'	8/12/98	Indeno(1,2,3-cd)pyrene	1	ppm	0.42	500	0.9	4
E38133-11	Dup (ST25)	0-2'	8/12/98	Naphthalene	54	ppm	2.1	100	230	4,200
E38133-11	Dup (ST25)	0-2'	8/12/98	Phenanthrene	3	ppm	0.42	NA	NA	NA
E38133-11	Dup (ST25)	0-2'	8/12/98	Pyrene	3	ppm	0.42	100	1,700	10000
E38133-11	Dup (ST25)	0-2'	8/12/98	Toluene	451	ppm	7.1	500	1000	1000
E38133-11	Dup (ST25)	0-2'	8/12/98	**Total TIC, Volatile**	**4450**	ppm	N/A	1000	**1000**	1000
E38133-11	Dup (ST25)	0-2'	8/12/98	**Xylene (total)**	**1100**	ppm	7.1	10	**410**	1000

NOTES:
IGSCC = Impact to Groundwater Soil Cleanup Criteria.
RDCSCC = Residential Direct Contact Soil Cleanup Criteria.
NDCSCC = Non-Residential Direct Contact Soil Cleanup Criteria.
NA or N/A = Not Applicable or Not Available.
TBD = To Be Determined (by regulatory agency).
MDL = Method Detection Limit.
ppm = parts per million (equivalent to mg/kg).
Detected compounds above corresponding RDCSCC levels are designated with **bold** type.

TABLE 3. COMPOUNDS DETECTED ABOVE RESIDENTIAL DIRECT CONTACT SOIL CLEANUP CRITERIA
NEWARK DELANCY TERMINAL AUGUST 1998 SOIL SAMPLING EVENT

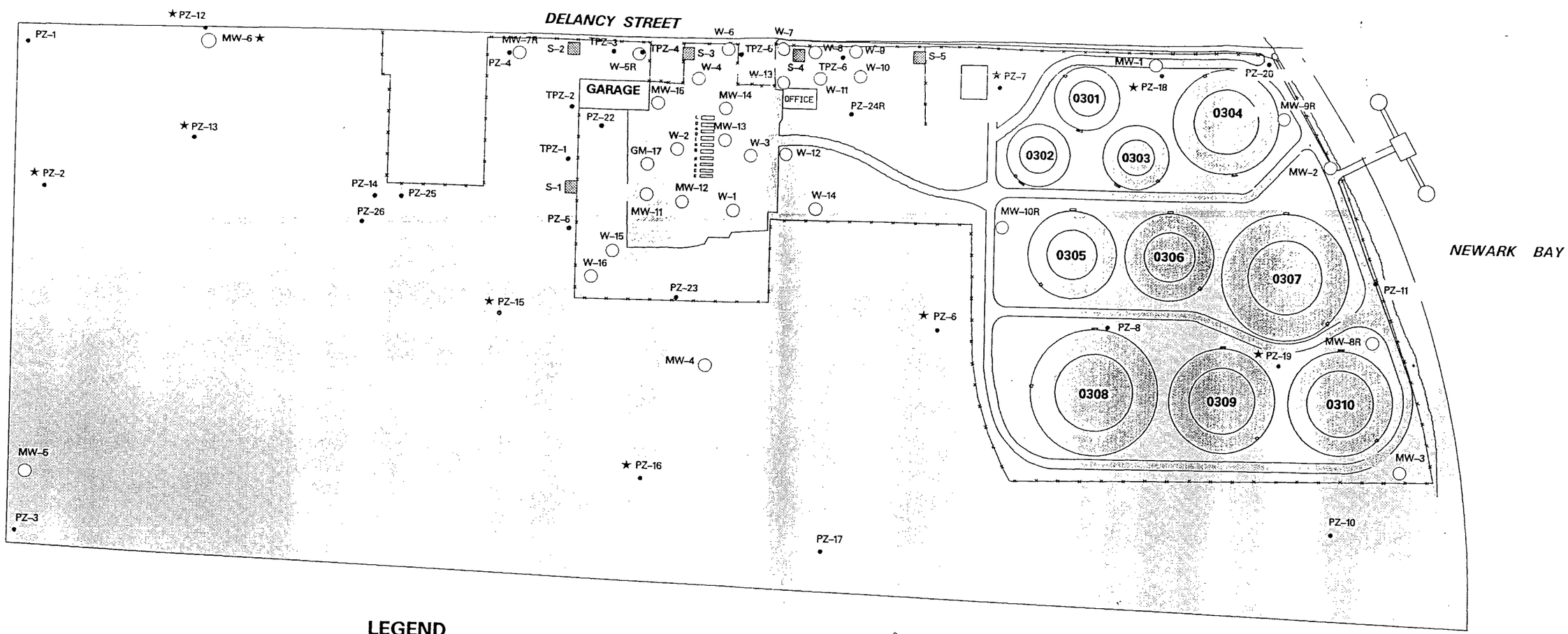
LABORATORY SAMPLE NO.	SAMPLE LOCATION	INTERVAL SAMPLED (ft)	DATE SAMPLED	CONSTITUENT	CONC.	UNITS	LAB MDL	IGSCC	RDCSCC	NDCSCC
E38132-1	B51A	0-2'	8/11/98	Lead	921	ppm	12	400	600	TBD
E38132-2	B51A	2-4'	8/11/98	Lead	1440	ppm	14	400	600	TBD
E38132-18	LR9	0-2'	8/11/98	TPH-GRO (C4-C12)	5630	ppm	32	1000	1000	1000
E38132-19R	LR9	2-4'	8/11/98	Benzene	158	ppm	15	1	3	13
E38132-19R	LR9	2-4'	8/11/98	Benzo(a)anthracene	1	ppm	1.1	500	0.9	4
E38132-19R	LR9	2-4'	8/11/98	Benzo(a)pyrene	2	ppm	1.1	100	0.66	0.66
E38132-19R	LR9	2-4'	8/11/98	Benzo(b)fluoranthene	2	ppm	1.1	500	0.9	4
E38132-19R	LR9	2-4'	8/11/98	Indeno(1,2,3-cd)pyrene	1	ppm	1.1	500	0.9	4
E38132-19R	LR9	2-4'	8/11/98	Toluene	1060	ppm	15	500	1000	1000
E38132-19R	LR9	2-4'	8/11/98	Total TIC, Volatile	3740	ppm	N/A	1000	1000	1000
E38132-19	LR9	2-4'	8/11/98	TPH-GRO (C4-C12)	22800	ppm	400	1000	1000	1000
E38132-19R	LR9	2-4'	8/11/98	Xylene (total)	2160	ppm	15	10	410	1000
E38132-4	LR10	0-2'	8/11/98	Benzene	4	ppm	0.61	1	3	13
E38132-5	LR10	2-4'	8/11/98	Benzene	8	ppm	0.6	1	3	13
E38132-10	LR12	0-2'	8/11/98	Benzene	8	ppm	5.9	1	3	13
E38132-10	LR12	0-2'	8/11/98	Total TIC, Volatile	1699	ppm	N/A	1000	1000	1000
E38132-11	LR12	2-4'	8/11/98	Benzene	4	ppm	0.62	1	3	13
E38132-11	LR12	2-4'	8/11/98	Total TIC, Volatile	1029	ppm	N/A	1000	1000	1000
E38132-20	LR13	0-2'	8/11/98	Benzene	5	ppm	0.63	1	3	13
E38132-21	LR13	2-4'	8/11/98	Benzene	104	ppm	8.8	1	3	13
E38132-21	LR13	2-4'	8/11/98	Total TIC, Volatile	5130	ppm	N/A	1000	1000	1000
E38132-21	LR13	2-4'	8/11/98	Xylene (total)	1060	ppm	8.8	10	410	1000
E38132-16	LR14	0-2'	8/11/98	Benzene	33	ppm	0.59	1	3	13
E38132-17	LR14	2-4'	8/11/98	Benzene	17	ppm	0.91	1	3	13
E38180-8	PP17	0-2'	8/13/98	Benzo(a)anthracene	1	ppm	0.44	500	0.9	4
E38180-8	PP17	0-2'	8/13/98	Benzo(a)pyrene	2	ppm	0.44	100	0.66	0.66
E38180-8	PP17	0-2'	8/13/98	Benzo(b)fluoranthene	2	ppm	0.44	500	0.9	4
E38180-8	PP17	0-2'	8/13/98	Indeno(1,2,3-cd)pyrene	1	ppm	0.44	500	0.9	4
E38180-9	PP17	2-4'	8/13/98	Benzo(a)anthracene	1	ppm	0.24	500	0.9	4
E38180-9	PP17	2-4'	8/13/98	Benzo(a)pyrene	1	ppm	0.24	100	0.66	0.66
E38180-9	PP17	2-4'	8/13/98	Benzo(b)fluoranthene	1	ppm	0.24	500	0.9	4
E38180-1	PP18	0-2'	8/12/98	TPH-DRO (C9-C22)	39000	ppm	840	10000	10000	10000
E38180-1	PP18	0-2'	8/12/98	TPH-GRO (C4-C12)	3040	ppm	350	1000	1000	1000
E38180-1R	PP18	0-2'	8/12/98	Benzo(a)anthracene	1	ppm	1	500	0.9	4
E38180-1R	PP18	0-2'	8/12/98	Benzo(a)pyrene	2	ppm	1	100	0.66	0.66
E38180-1R	PP18	0-2'	8/12/98	Benzo(b)fluoranthene	2	ppm	1	500	0.9	4
E38180-1R	PP18	0-2'	8/12/98	Indeno(1,2,3-cd)pyrene	1	ppm	1	500	0.9	4
E38180-1R	PP18	0-2'	8/12/98	Total TIC, Volatile	1894	ppm	N/A	1000	1000	1000
E38180-2	PP18	2-4'	8/12/98	TPH-DRO (C9-C22)	22700	ppm	560	10000	10000	10000
E38180-2	PP18	2-4'	8/12/98	TPH-GRO (C4-C12)	2510	ppm	410	1000	1000	1000
E38180-3	PP19	0-2'	8/12/98	TPH-DRO (C9-C22)	39200	ppm	890	10000	10000	10000
E38180-3	PP19	0-2'	8/12/98	TPH-GRO (C4-C12)	2890	ppm	360	1000	1000	1000
E38180-3R	PP19	0-2'	8/12/98	Benzo(a)anthracene	1	ppm	1.1	500	0.9	4
E38180-3R	PP19	0-2'	8/12/98	Benzo(a)pyrene	1	ppm	1.1	100	0.66	0.66

TABLE 3. COMPOUNDS DETECTED ABOVE RESIDENTIAL DIRECT CONTACT SOIL CLEANUP CRITERIA
NEWARK DELANCY TERMINAL AUGUST 1998 SOIL SAMPLING EVENT

LABORATORY SAMPLE NO.	SAMPLE LOCATION	INTERVAL SAMPLED (ft)	DATE SAMPLED	CONSTITUENT	CONC.	UNITS	LAB MDL	IGSCC	RDCSCC	NDCSCC
E38180-3R	PP19	0-2'	8/12/98	Benzo(b)fluoranthene	1	ppm	1.1	500	0.9	4
E38180-3R	PP19	0-2'	8/12/98	Indeno(1,2,3-cd)pyrene	1	ppm	1.1	500	0.9	4
E38180-3R	PP19	0-2'	8/12/98	Total TIC, Volatile	1519	ppm	N/A	1000	1000	1000
E38180-4	PP19	2-4'	8/12/98	TPH-DRO (C9-C22)	11200	ppm	440	10000	10000	10000
E38180-4	PP19	2-4'	8/12/98	TPH-GRO (C4-C12)	2360	ppm	340	1000	1000	1000
E38133-14	PP20	0-2'	8/12/98	Benzo(a)anthracene	1	ppm	1.2	500	0.9	4
E38133-14	PP20	0-2'	8/12/98	Benzo(a)pyrene	2	ppm	1.2	100	0.66	0.66
E38133-14	PP20	0-2'	8/12/98	Benzo(b)fluoranthene	2	ppm	1.2	500	0.9	4
E38133-14	PP20	0-2'	8/12/98	Indeno(1,2,3-cd)pyrene	1	ppm	1.2	500	0.9	4
E38133-15	PP20	2-4'	8/12/98	Benzo(a)anthracene	4	ppm	1.3	500	0.9	4
E38133-15	PP20	2-4'	8/12/98	Benzo(a)pyrene	4	ppm	1.3	100	0.66	0.66
E38133-15	PP20	2-4'	8/12/98	Benzo(b)fluoranthene	3	ppm	1.3	500	0.9	4
E38133-15	PP20	2-4'	8/12/98	Dibenzo(a,h)anthracene	1	ppm	1.3	100	0.66	0.66
E38133-16	PP21	0-2'	8/12/98	Benzo(a)anthracene	4	ppm	0.38	500	0.9	4
E38133-16	PP21	0-2'	8/12/98	Benzo(a)pyrene	4	ppm	0.38	100	0.66	0.66
E38133-16	PP21	0-2'	8/12/98	Benzo(b)fluoranthene	4	ppm	0.38	500	0.9	4
E38133-16	PP21	0-2'	8/12/98	Dibenzo(a,h)anthracene	1	ppm	0.38	100	0.66	0.66
E38133-16	PP21	0-2'	8/12/98	Indeno(1,2,3-cd)pyrene	3	ppm	0.38	500	0.9	4
E38133-17	PP21	2-4'	8/12/98	Benzo(a)pyrene	1	ppm	0.47	100	0.66	0.66
E38133-17	PP21	2-4'	8/12/98	Benzo(b)fluoranthene	1	ppm	0.47	500	0.9	4
E38133-17	PP21	2-4'	8/12/98	Indeno(1,2,3-cd)pyrene	1	ppm	0.47	500	0.9	4
E38132-8	ST20	0-2'	8/11/98	Benzo(a)anthracene	1	ppm	0.41	500	0.9	4
E38132-8	ST20	0-2'	8/11/98	Benzo(a)pyrene	1	ppm	0.41	100	0.66	0.66
E38132-8	ST20	0-2'	8/11/98	Benzo(b)fluoranthene	1	ppm	0.41	500	0.9	4
E38133-9	ST21	0-2'	8/12/98	Benzo(a)anthracene	1	ppm	0.42	500	0.9	4
E38133-9	ST21	0-2'	8/12/98	Benzo(a)pyrene	1	ppm	0.42	100	0.66	0.66
E38133-9	ST21	0-2'	8/12/98	Benzo(b)fluoranthene	1	ppm	0.42	500	0.9	4
E38133-10	ST21	2-4'	8/12/98	Benzo(a)anthracene	1	ppm	0.2	500	0.9	4
E38133-10	ST21	2-4'	8/12/98	Benzo(a)pyrene	1	ppm	0.2	100	0.66	0.66
E38133-10	ST21	2-4'	8/12/98	Benzo(b)fluoranthene	1	ppm	0.2	500	0.9	4
E38133-5	ST22	0-2'	8/12/98	Benzene	28	ppm	9.6	1	3	13
E38133-5	ST22	0-2'	8/12/98	Benzo(a)anthracene	3	ppm	2.8	500	0.9	4
E38133-5	ST22	0-2'	8/12/98	Benzo(a)pyrene	3	ppm	2.8	100	0.66	0.66
E38133-5	ST22	0-2'	8/12/98	Benzo(b)fluoranthene	3	ppm	2.8	500	0.9	4
E38133-5	ST22	0-2'	8/12/98	Dibenzo(a,h)anthracene	1	ppm	2.8	100	0.66	0.66
E38133-5	ST22	0-2'	8/12/98	Indeno(1,2,3-cd)pyrene	1	ppm	2.8	500	0.9	4
E38133-5	ST22	0-2'	8/12/98	Total TIC, Volatile	13060	ppm	N/A	1000	1000	1000
E38133-5	ST22	0-2'	8/12/98	Xylene (total)	3810	ppm	38	10	410	1000
E38133-7	ST22	2-4'	8/12/98	Benzene	12	ppm	8	1	3	13
E38133-7	ST22	2-4'	8/12/98	Benzo(a)anthracene	1	ppm	0.2	500	0.9	4
E38133-7	ST22	2-4'	8/12/98	Benzo(a)pyrene	1	ppm	0.2	100	0.66	0.66
E38133-7	ST22	2-4'	8/12/98	Benzo(b)fluoranthene	2	ppm	0.2	500	0.9	4
E38133-7	ST22	2-4'	8/12/98	Total TIC, Volatile	2247	ppm	N/A	1000	1000	1000
E38133-7	ST22	2-4'	8/12/98	Xylene (total)	984	ppm	8	10	410	1000
E38133-6	ST23	0-2'	8/12/98	Benzene	24	ppm	6.9	1	3	13
E38133-6	ST23	0-2'	8/12/98	Benzo(a)anthracene	3	ppm	1	500	0.9	4
E38133-6	ST23	0-2'	8/12/98	Benzo(a)pyrene	2	ppm	1	100	0.66	0.66
E38133-6	ST23	0-2'	8/12/98	Benzo(b)fluoranthene	2	ppm	1	500	0.9	4
E38133-6	ST23	0-2'	8/12/98	Indeno(1,2,3-cd)pyrene	1	ppm	1	500	0.9	4

TABLE 3. COMPOUNDS DETECTED ABOVE RESIDENTIAL DIRECT CONTACT SOIL CLEANUP CRITERIA
NEWARK DELANCY TERMINAL AUGUST 1998 SOIL SAMPLING EVENT

LABORATORY SAMPLE NO.	SAMPLE LOCATION	INTERVAL SAMPLED (ft)	DATE SAMPLED	CONSTITUENT	CONC.	UNITS	LAB MDL	IGSCC	RDCSCC	NDCSCC
E38133-6	ST23	0-2'	8/12/98	Total TIC, Volatile	1555	ppm	N/A	1000	1000	1000
E38133-6	ST23	0-2'	8/12/98	Xylene (total)	562	ppm	6.9	10	410	1000
E38133-8	ST23	2-4'	8/12/98	Benzene	76	ppm	8	1	3	13
E38133-8	ST23	2-4'	8/12/98	Benzo(a)anthracene	4	ppm	0.22	500	0.9	4
E38133-8	ST23	2-4'	8/12/98	Benzo(a)pyrene	3	ppm	0.22	100	0.66	0.66
E38133-8	ST23	2-4'	8/12/98	Benzo(b)fluoranthene	5	ppm	0.22	500	0.9	4
E38133-8	ST23	2-4'	8/12/98	Dibenzo(a,h)anthracene	1	ppm	0.22	100	0.66	0.66
E38133-8	ST23	2-4'	8/12/98	Indeno(1,2,3-cd)pyrene	1	ppm	0.22	500	0.9	4
E38133-8	ST23	2-4'	8/12/98	Total TIC, Volatile	4200	ppm	N/A	1000	1000	1000
E38133-8	ST23	2-4'	8/12/98	Xylene (total)	1280	ppm	8	10	410	1000
E38133-4	ST24	2-4'	8/12/98	Benzene	45	ppm	9.2	1	3	13
E38133-4	ST24	2-4'	8/12/98	Benzo(a)anthracene	2	ppm	1.1	500	0.9	4
E38133-4	ST24	2-4'	8/12/98	Benzo(a)pyrene	2	ppm	1.1	100	0.66	0.66
E38133-4	ST24	2-4'	8/12/98	Benzo(b)fluoranthene	2	ppm	1.1	500	0.9	4
E38133-4	ST24	2-4'	8/12/98	Indeno(1,2,3-cd)pyrene	1	ppm	1.1	500	0.9	4
E38133-4	ST24	2-4'	8/12/98	Total TIC, Volatile	8200	ppm	N/A	1000	1000	1000
E38133-4	ST24	2-4'	8/12/98	Xylene (total)	1690	ppm	37	10	410	1000
E38133-1	ST25	0-2'	8/12/98	Benzene	20	ppm	0.86	1	3	13
E38133-1	ST25	0-2'	8/12/98	Benzo(a)anthracene	2	ppm	0.44	500	0.9	4
E38133-1	ST25	0-2'	8/12/98	Benzo(a)pyrene	2	ppm	0.44	100	0.66	0.66
E38133-1	ST25	0-2'	8/12/98	Benzo(b)fluoranthene	2	ppm	0.44	500	0.9	4
E38133-1	ST25	0-2'	8/12/98	Indeno(1,2,3-cd)pyrene	1	ppm	0.44	500	0.9	4
E38133-1	ST25	0-2'	8/12/98	Xylene (total)	676	ppm	17	10	410	1000
E38133-2	ST25	2-4'	8/12/98	Benzene	32	ppm	10	1	3	13
E38133-2	ST25	2-4'	8/12/98	Benzo(a)anthracene	2	ppm	1.2	500	0.9	4
E38133-2	ST25	2-4'	8/12/98	Benzo(a)pyrene	2	ppm	1.2	100	0.66	0.66
E38133-2	ST25	2-4'	8/12/98	Benzo(b)fluoranthene	2	ppm	1.2	500	0.9	4
E38133-2	ST25	2-4'	8/12/98	Indeno(1,2,3-cd)pyrene	1	ppm	1.2	500	0.9	4
E38133-2	ST25	2-4'	8/12/98	Total TIC, Volatile	3580	ppm	N/A	1000	1000	1000
E38133-2	ST25	2-4'	8/12/98	Xylene (total)	1560	ppm	10	10	410	1000
E38133-13	ST26	2-4'	8/12/98	TPH-DRO (C9-C22)	16700	ppm	470	10000	10000	10000
E38133-13	ST26	2-4'	8/12/98	TPH-GRO (C4-C12)	1540	ppm	70	1000	1000	1000
E38133-13R	ST26	2-4'	8/12/98	Benzo(a)anthracene	3	ppm	1.2	500	0.9	4
E38133-13R	ST26	2-4'	8/12/98	Benzo(a)pyrene	4	ppm	1.2	100	0.66	0.66
E38133-13R	ST26	2-4'	8/12/98	Benzo(b)fluoranthene	3	ppm	1.2	500	0.9	4
E38133-13R	ST26	2-4'	8/12/98	Indeno(1,2,3-cd)pyrene	7	ppm	1.2	500	0.9	4
E38180-18	T304A	0-2'	8/13/98	Lead	6520	ppm	12	400	600	TBD
E38180-17	T304A	2-4'	8/13/98	Lead	2090	ppm	13	400	600	TBD
E38132-3	T304B	Surface	8/11/98	Benzene	8	ppm	0.71	1	3	13
E38132-3	T304B	Surface	8/11/98	TPH-GRO (C4-C12)	2510	ppm	30	1000	1000	1000
E38180-13	T304C	0-2'	8/13/98	Lead	1070	ppm	11	400	600	TBD
E38180-14	T304C	2-4'	8/13/98	Benzene	23	ppm	10	1	3	13
E38180-14	T304C	2-4'	8/13/98	Lead	734	ppm	15	400	600	TBD
E38180-14	T304C	2-4'	8/13/98	Total TIC, Volatile	2399	ppm	N/A	1000	1000	1000
E38180-14	T304C	2-4'	8/13/98	TPH-GRO (C4-C12)	10900	ppm	190	1000	1000	1000
E38180-14	T304C	2-4'	8/13/98	Xylene (total)	1120	ppm	10	10	410	1000
E38180-16	T304D	0-2'	8/13/98	Lead	1070	ppm	11	400	600	TBD



LEGEND

PZ-1	•	PIEZOMETER LOCATION AND DESIGNATION
TPZ-1	•	RECOVERY TRENCH PIEZOMETER LOCATION AND DESIGNATION
MW-3	○	MONITORING WELL LOCATION AND DESIGNATION
S-1	▩	RECOVERY TRENCH SUMP LOCATION AND DESIGNATION
	★	WELL NOT FOUND OR DESTROYED /ABANDONED

FIGURE 1

HESS

AMERADA HESS CORPORATION
NEWARK FACILITY

FORMER ARCO TERMINAL
1111 Delancy Street
Newark, New Jersey

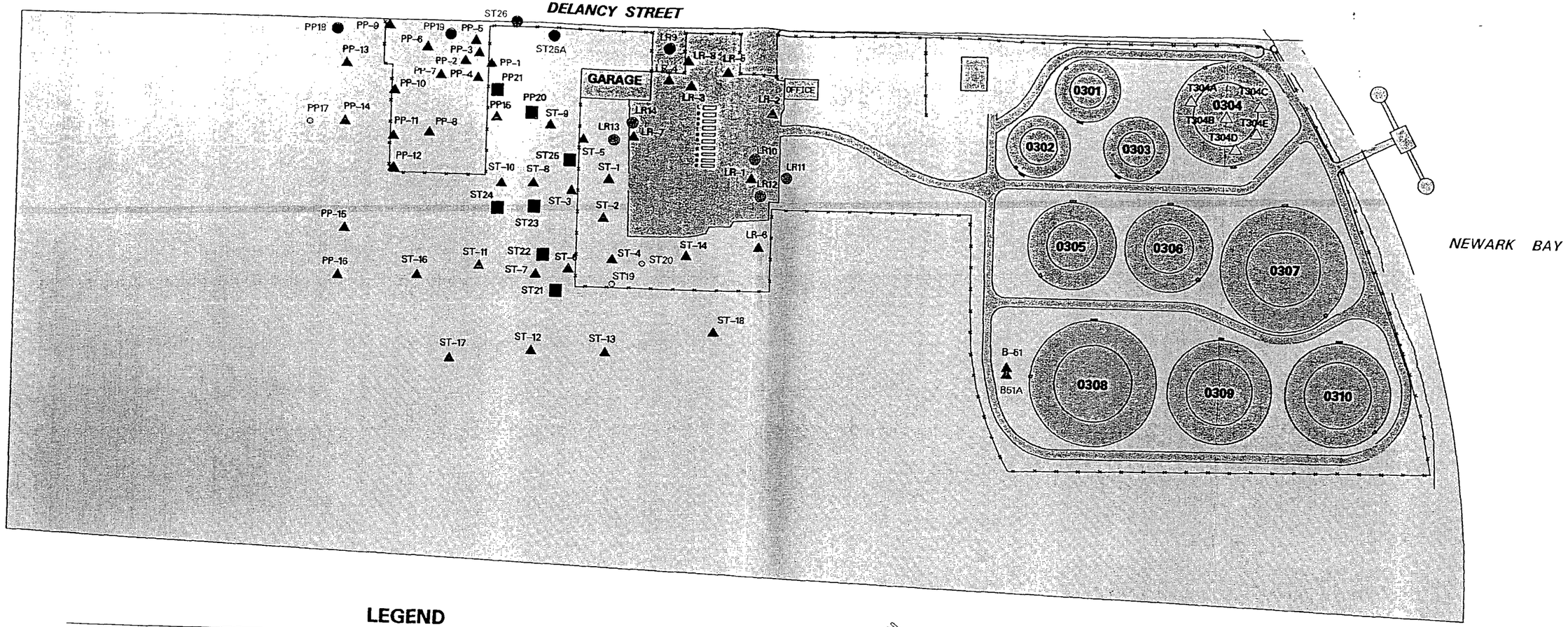
MONITORING WELL LOCATION MAP

960520073

OCTOBER 1998

200' 0' 200'

Base Map: DELANCY98.BAS



LEGEND

LR-1	▲	SOIL SAMPLE LOCATION FROM 1994 (GERAGHTY & MILLER COLLECTED) APRIL 1995 G&M
LR9	●	TPHC SOIL SAMPLE LOCATION
LR11	●	VO+10 SOIL SAMPLE LOCATION
ST20	⊗	PAH SOIL SAMPLE LOCATION
ST22	■	VO+10 AND PAH SOIL SAMPLE LOCATION
B51A	▲	LEAD SOIL SAMPLE LOCATION
T304	△	TPHC, VO, PAH, MTBE, TBA, AND LEAD SOIL SAMPLE LOCATION

FIGURE 2

HESS

AMERADA HESS CORPORATION
NEWARK FACILITY

FORMER ARCO TERMINAL
1111 Delancy Street
Newark, New Jersey

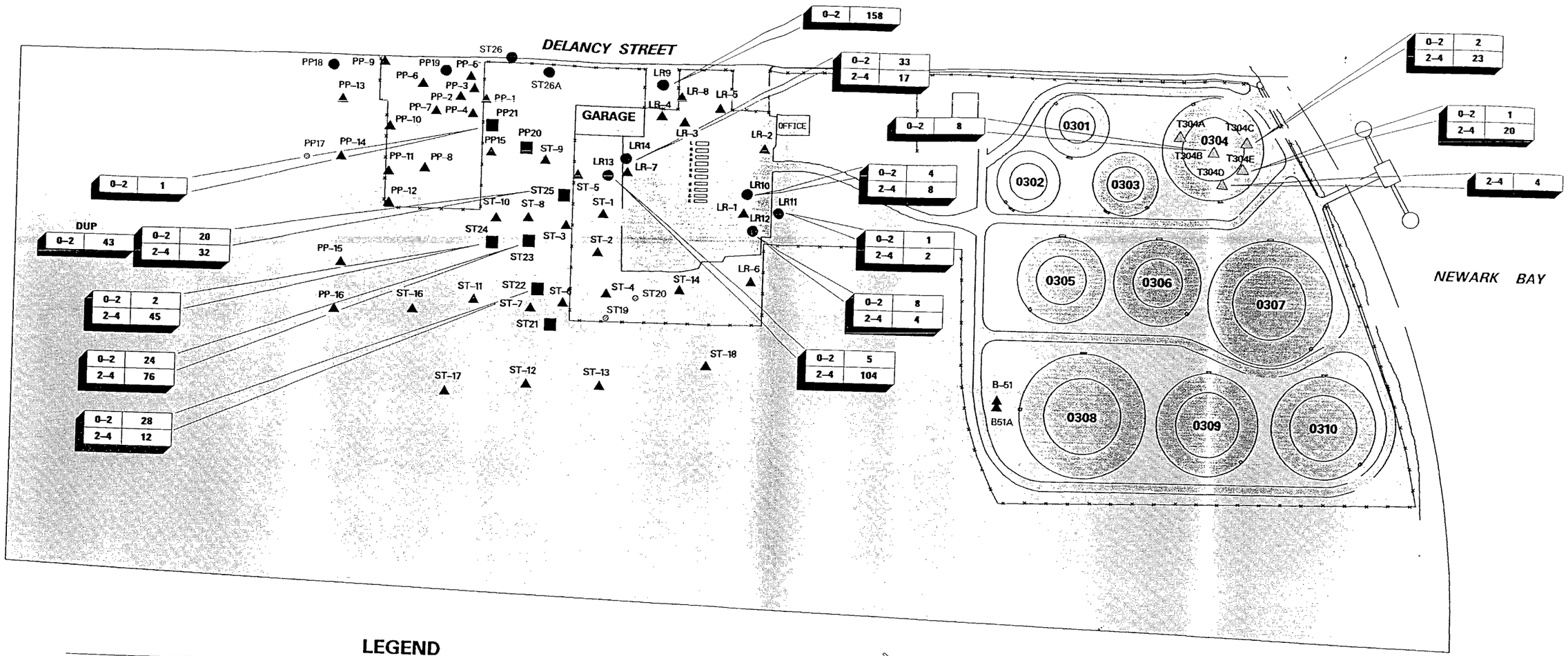
SOIL SAMPLE LOCATION MAP

960520074

OCTOBER 1998

200' 0' 200'

Base Map: DELANCY98.BAS



LEGEND

LR-1	▲	SOIL SAMPLE LOCATION FROM 1994 (GERAGHTY & MILLER COLLECTED) APRIL 1995 G&M
LR9	●	TPHC SOIL SAMPLE LOCATION
LR11	●	VO+10 SOIL SAMPLE LOCATION
ST20	⊗	PAH SOIL SAMPLE LOCATION
ST22	■	VO+10 AND PAH SOIL SAMPLE LOCATION
B51A	▲	LEAD SOIL SAMPLE LOCATION
T304	△	TPHC, VO, PAH, MTBE, TBA, AND LEAD SOIL SAMPLE LOCATION

N

DEPTH | CONC.

DEPTH IN FEET B.L.S.
CONCENTRATIONS IN MG/KG
RDCSCC IN BENZERE=3 MS/KG

FIGURE 3

HESS

AMERADA HESS CORPORATION
NEWARK FACILITY

FORMER ARCO TERMINAL
1111 Delancy Street
Newark, New Jersey

BENZENE SOIL DETECTIONS

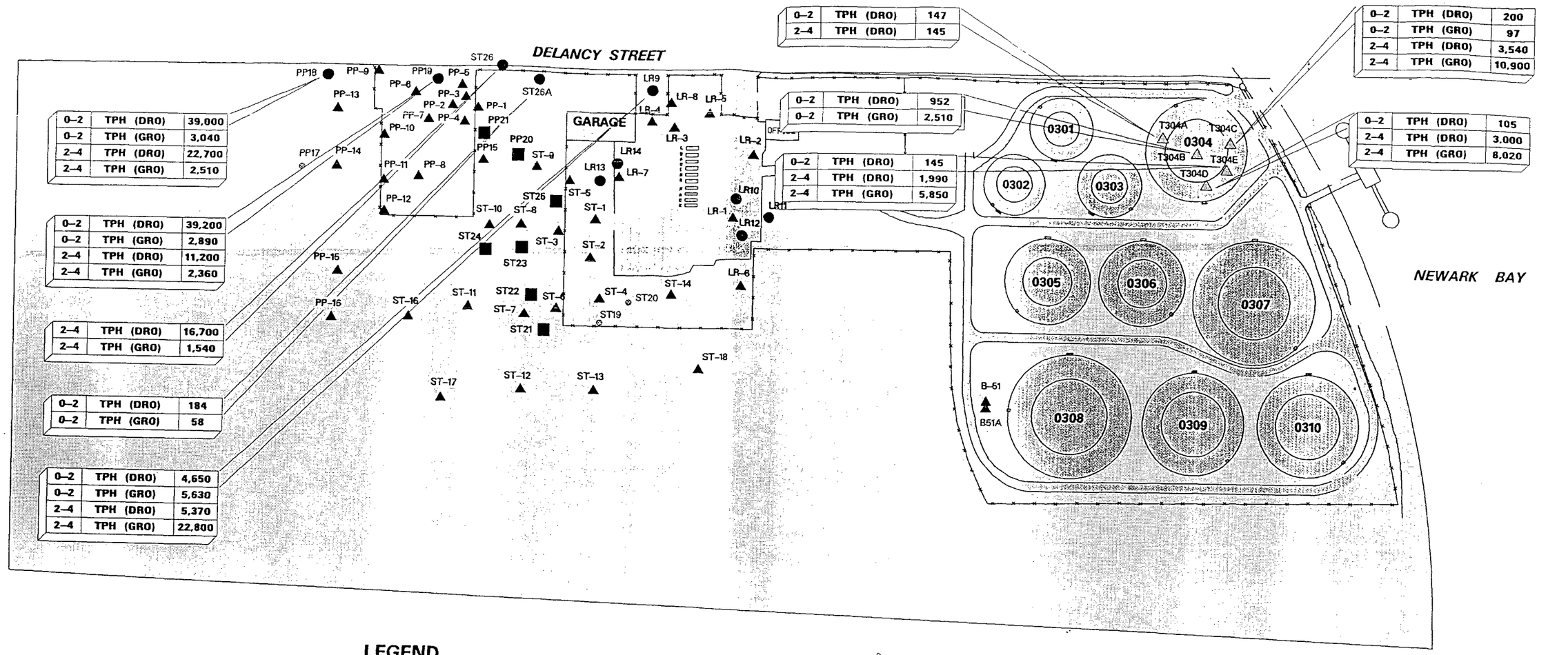
960520075

AUGUST 1998

OCTOBER 1998

200' 0' 200'

NW0988ENZ.PLT



LEGEND

LR-1	▲	SOIL SAMPLE LOCATION FROM 1994 (GERAGHTY & MILLER COLLECTED) APRIL 1995 G&M
LR9	●	TPHC SOIL SAMPLE LOCATION
LR11	●	VO+10 SOIL SAMPLE LOCATION
ST20	⊗	PAH SOIL SAMPLE LOCATION
ST22	■	VO+10 AND PAH SOIL SAMPLE LOCATION
B51A	▲	LEAD SOIL SAMPLE LOCATION
T304	△	TPHC, VO, PAH, MTBE, TBA, AND LEAD SOIL SAMPLE LOCATION

DEPTH	PARAMETER	CONC.

DEPTH IN FEET B.L.S.
CONCENTRATION IN MG/KG

(DRO) = DIESEL RANGE ORGANICS
(GRO) = GASOLINE RANGE ORGANICS

RDCSCC DRO 10,000 MG/KG
RDCSCC GRO 1,000 MG/KG

FIGURE 4

HESS

AMERADA HESS CORPORATION
NEWARK FACILITY

FORMER ARCO TERMINAL
1111 Delancy Street
Newark, New Jersey

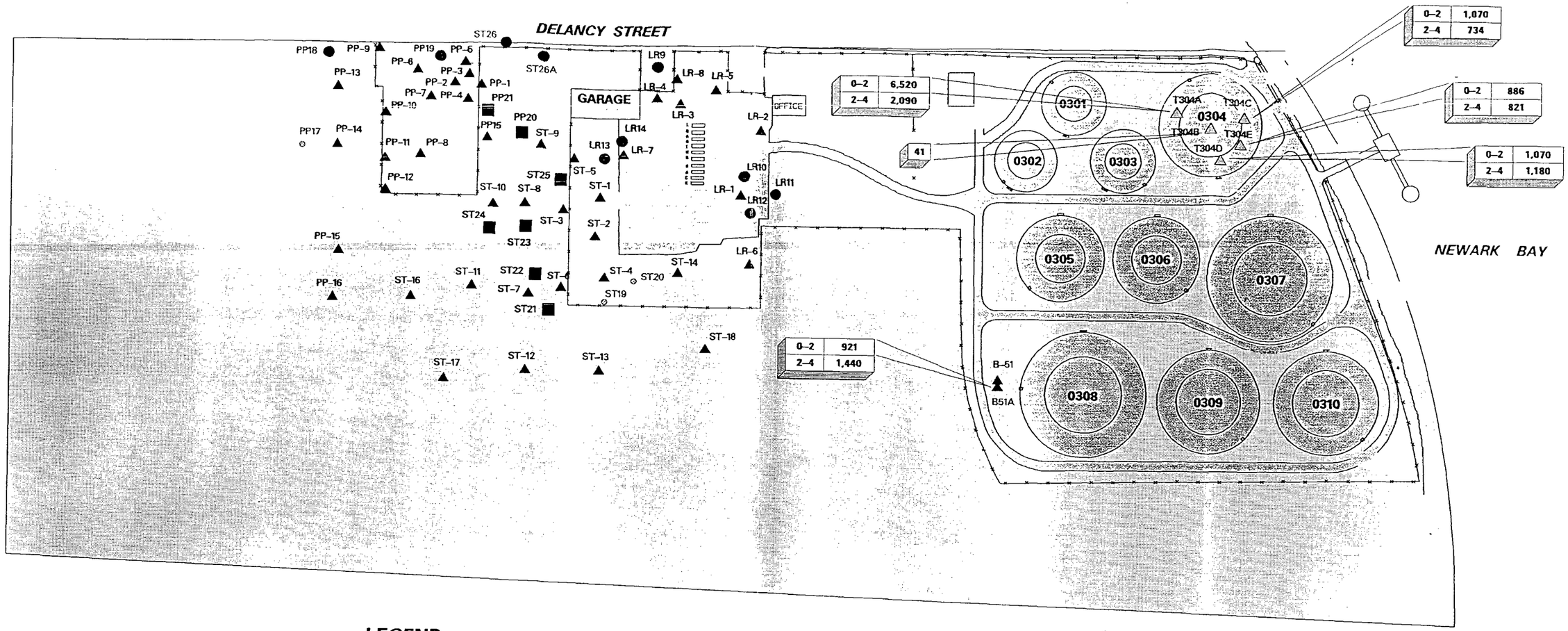
SOIL SAMPLE LOCATION MAP
SOIL TPH DETECTIONS
AUGUST 1998

OCTOBER 1998

200' 0' 200'

NW09RTPH

960520076



LEGEND

LR-1	▲	SOIL SAMPLE LOCATION FROM 1994 (GERAGHTY & MILLER COLLECTED) APRIL 1995 G&M
LR9	●	TPHC SOIL SAMPLE LOCATION
LR11	◒	VO+10 SOIL SAMPLE LOCATION
ST20	⊗	PAH SOIL SAMPLE LOCATION
ST22	■	VO+10 AND PAH SOIL SAMPLE LOCATION
B51A	▲	LEAD SOIL SAMPLE LOCATION
T304	△	TPHC, VO, PAH, MTBE, TBA, AND LEAD SOIL SAMPLE LOCATION

N

DEPTH	CONC.

DEPTH IN FEET B.L.S.
CONCENTRATIONS IN MG/KG
RDCSCC LEAD 1,000 MG/KG

FIGURE 5

HESS

AMERADA HESS CORPORATION
NEWARK FACILITY

FORMER ARCO TERMINAL
1111 Delancy Street
Newark, New Jersey

SOIL LEAD DETECTIONS

AUGUST 1998

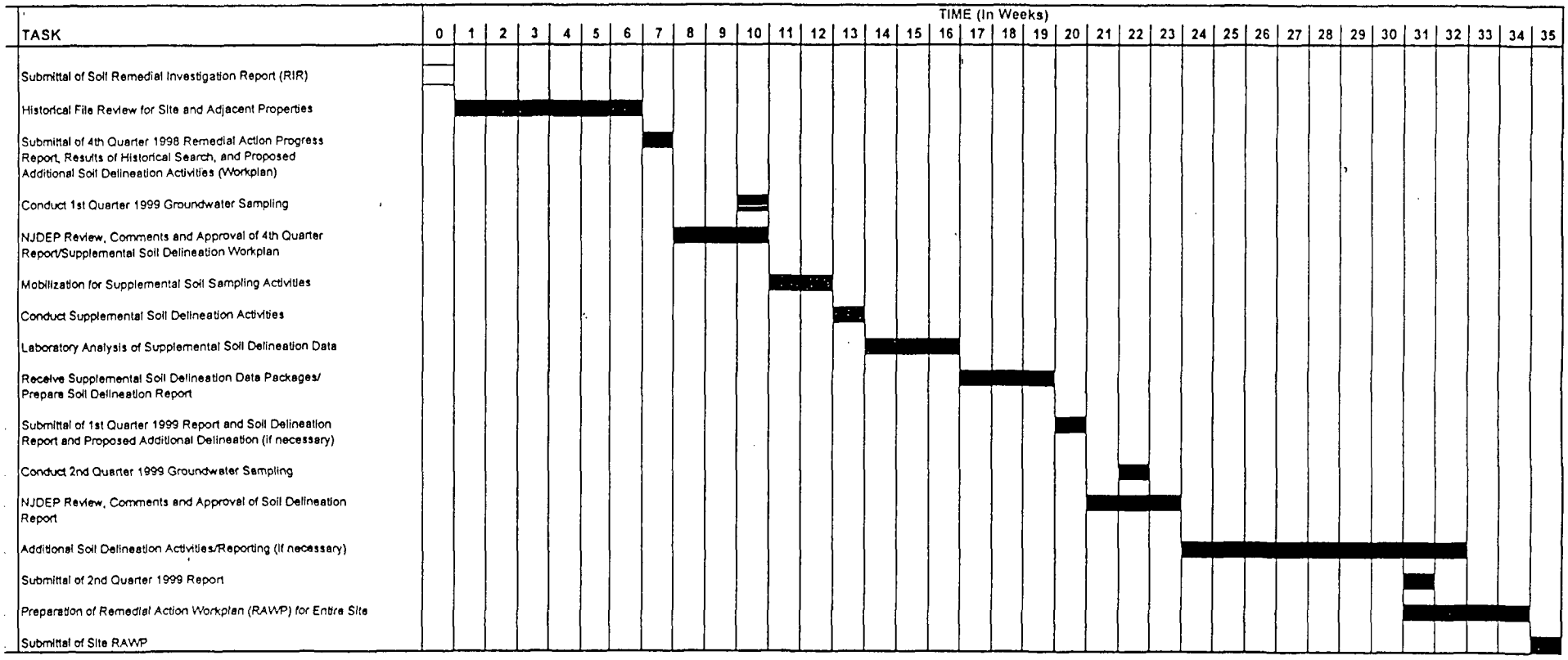
OCTOBER 1998

200' 0' 200'

NW098LEAD.PLT

960520077

FIGURE 6
IMPLEMENTATION SCHEDULE
FORMER ARCO DELANCY STREET TERMINAL, NEWARK, NEW JERSEY



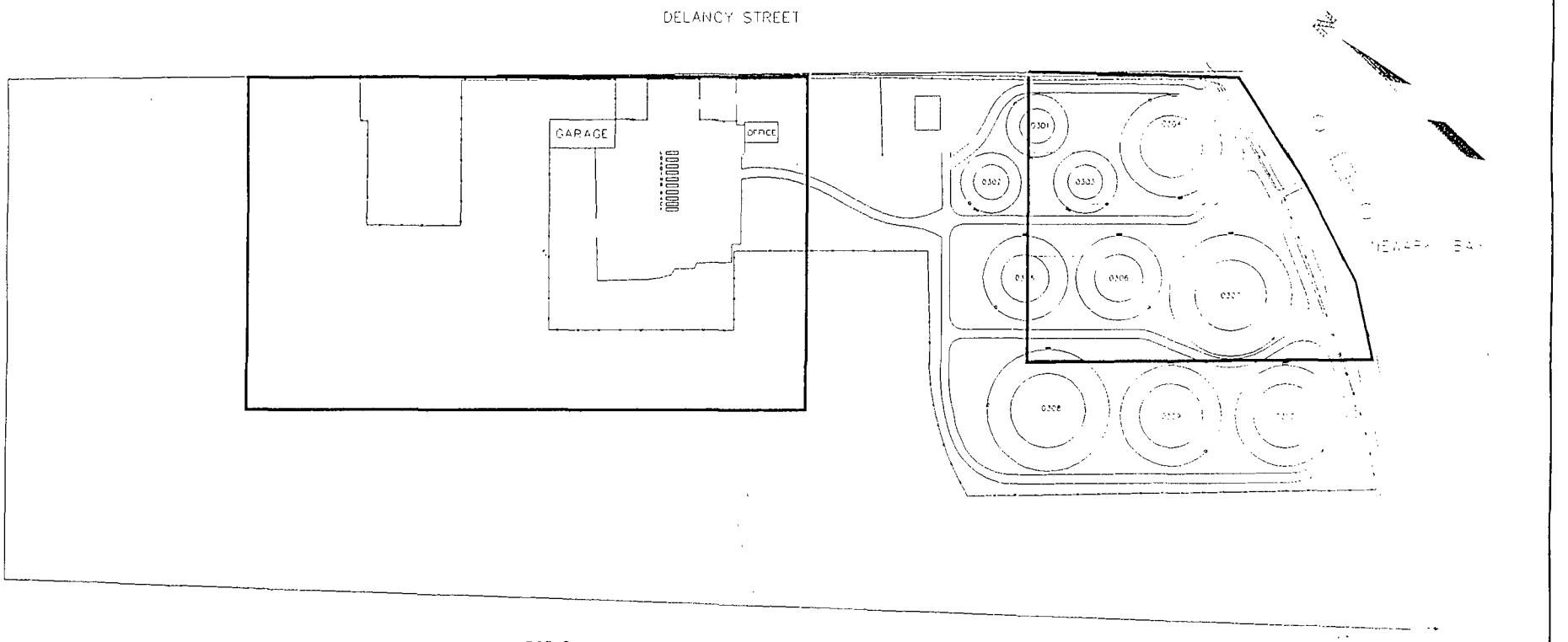
TOTAL ESTIMATED TIME (TO RAP COMPLETION) = 35 Weeks

LEGEND

COMPLETED

NOT YET COMPLETED

960520078



LEGEND

☐ NEW AOC NO. 1

☐ NEW AOC NO. 2

Note: Groundwater (new AOC No. 3) is a site-wide issue; therefore, this AOC is not represented with a hachure pattern.

/ENC	REVISED AREA OF CONCERN (AOC) LOCATIONS			AMERADA HESS CORPORATION FORMER ARCO TERMINAL 1111 DELANCY STREET NEWARK, NEW JERSEY
IURE: 7	DATE: 11/30/98	SCALE: AS SHOWN	DRAWN BY: DSF	

MODIFIED AFTER GERAGHTY & MILLER, INC. AFTER RIVA ASSOCIATES, INC.
S:\DELANCY\RIRAW\FIGURE7B.DWG

960520079

ATTACHMENTS

960520080

Soil Cleanup Criteria (mg/kg)
(Last Revised — 7/11/96)

This listing represents the combination of Tables 3-1 and 7-1 from the Department of Environmental Protection's February 3, 1992, proposed rule entitled *Cleanup Standards for Contaminated Sites*, N.J.A.C. 7:26D, with noted corrections based upon errors identified by the department during or subsequent to the comment period as well as new toxicological information obtained since the rule proposal. Please refer to the respective footnotes for more detail. Notwithstanding, where the following criteria are based on human health impacts, the department shall still consider environmental impacts when establishing site specific cleanup criteria. This along with other site specific factors including background conditions may result in site-specific cleanup criteria which differ from the criteria listed below. Therefore, this list shall not be assumed to represent approval by the department of any remedial action or to represent the department's opinion that a site requires remediation.

Note: Material bracketed [thus] is deleted and material underlined thus is added.

Contaminant	CASRN	Residential Direct Contact Soil Cleanup Criteria(a)(b)	Non Residential Direct Contact Soil Cleanup Criteria(a)(b)	Impact to Ground water Soil Cleanup Criteria(b)
Acenaphthene	83-32-9	3400	10000 (c)	100
Acetone	67-64-1	1000 (d)	1000 (d)	[50] 100 (i)
Acrylonitrile	107-13-1	1	5	[100] 1 (i)
Aldrin	309-00-2	0.040	0.17	50
Anthracene	120-12-7	10000 (c)	10000 (c)	[500] 100 (i)
Antimony	7440-36-0	14	340	(h)
Arsenic	7440-38-2	[2 (f)] 20 (e)	[2 (f)] 20 (e)	(h)
Barium	7440-39-3	700	47000 (n)	(h)
Benzene	71-43-2	3	13	1
3,4-Benzofluoranthene (Benzo(b)fluoranthene)	205-99-2	0.9	4	[500] 50 (i)
Benzo(a)anthracene	56-55-3	0.9	4	500
Benzo(a)pyrene (BaP)	50-32-8	0.66 (f)	0.66 (f)	100
Benzo(k)fluoranthene	207-08-9	0.9	4	500
Benzyl Alcohol	100-51-6	10000 (c)	10000 (c)	50
Beryllium	7440-41-7	1 (f)	1 (f)	(h)
Bis(2-chloroethyl) ether	111-44-4	0.66 (f)	3	[1] 10 (j)
Bis(2-chloroisopropyl) ether	39638-32-9	2300	10000 (c)	10
Bis(2-ethylhexyl) phthalate	117-81-7	49	210	100
Bromodichloromethane (Dichlorobromomethane)	75-27-4	[5] 11 (g)	[22] 46 (g)	1
Bromoform	75-25-2	86	370	1
Bromomethane	74-83-9	79	1000 (d)	1
2-Butanone (MEK)	78-93-3	1000 (d)	1000 (d)	50
Butylbenzyl phthalate	85-68-7	1100	10000 (c)	100
Cadmium	7440-43-9	1	100	(h)
Carbon tetrachloride	56-23-5	2 (k)	4 (k)	1
4-Chloroaniline	106-47-8	230	4200	(r)
Chlorobenzene	108-90-7	37	680	1
Chloroform	67-66-3	19 (k)	28 (k)	1
4-Chloro-3-methyl phenol (p-Chloro-m-cresol)	59-50-7	10000 (c)	10000 (c)	100
Chloromethane	74-87-3	520	1000 (d)	10
2-Chlorophenol	95-57-8	280	5200	[50] 10 (j)
Chrysene	218-01-9	9	40	500
Copper	7440-50-8	600 (m)	600 (m)	(h)
Cyanide	57-12-5	1100	21000 (o)	(h)
4,4'-DDD (p,p'-TDE)	72-54-8	3	12	[100] 50 (i)
4,4'-DDE	72-55-9	2	9	[100] 50 (i)
4,4'-DDT	50-29-3	2	9	[100] 500 (i)

Contaminant	CASRN	Residential Direct Contact Soil Cleanup Criteria(a)(b)	Non Residential Direct Contact Soil Cleanup Criteria(a)(b)	Impact to Ground water Soil Cleanup Criteria(b)
Dibenz(a,h)anthracene	53-70-3	0.66 (f)	0.66 (f)	[500] 100 (j)
Dibromochloromethane (Chlorodibromomethane)	124-48-1	110	1000 (d)	1
Di-n-butyl phthalate	84-74-2	5700	10000 (c)	100
Di-n-octyl phthalate	117-84-0	1100	10000 (c)	100
1,2-Dichlorobenzene	95-50-1	5100	10000 (c)	50
1,3-Dichlorobenzene	541-73-1	5100	10000 (c)	100
1,4-Dichlorobenzene	106-46-7	570	10000 (c)	100
3,3'-Dichlorobenzidine	91-94-1	2	6	100
1,1-Dichloroethane	75-34-3	570	1000 (d)	[1] 10 (i)
1,2-Dichloroethane	107-06-2	6	24	1
1,1-Dichloroethene	75-35-4	8	150	10
1,2-Dichloroethene (trans)	156-60-5	1000 (d)	1000 (d)	50
1,2-Dichloroethene (cis)	156-59-2	79	1000 (d)	[50] 1 (i)
2,4-Dichlorophenol	120-83-2	170	3100	10
1,2-Dichloropropane	78-87-5	10	43	(r)
1,3-Dichloropropene (cis and trans)	542-75-6	4	5 (k)	1
Dieldrin	60-57-1	0.042	0.18	50
Diethyl phthalate	84-66-2	10000 (c)	10000 (c)	50
2,4-Dimethyl phenol	105-67-9	1100	10000 (c)	10
Dimethyl phthalate	131-11-3	10000 (c)	10000 (c)	50
2,4-Dinitrophenol	51-28-5	110	2100	10
Dinitrotoluene (2,4-/2,6- mixture)	25321-14-6	1 (l)	4 (l)	10 (l)
Endosulfan	115-29-7	[3] 340 (g)	[52] 6200 (g)	50
Endrin	72-20-8	17	310	50
Ethylbenzene	100-41-4	1000 (d)	1000 (d)	100
Fluoranthene	206-44-0	2300	10000 (c)	[500] 100 (i)
Fluorene	86-73-7	2300	10000 (c)	100
Heptachlor	76-44-8	0.15	0.65	[500] 50 (j)
Hexachlorobenzene	118-74-1	0.66 (f)	2	[50] 100 (i)
Hexachlorobutadiene	87-68-3	[11] 1 (g)	[210] 21 (g)	[50] 100 (g)
Hexachlorocyclopentadiene	77-47-4	400	7300	100
Hexachloroethane	67-72-1	6	100	100
Indeno(1,2,3-cd)pyrene	193-39-5	0.9	4	500
Isophorone	78-59-1	1100	10000 (c)	[10] 50 (j)
Lead	7439-92-1	[100] 400 (p)	600 (q)	(h)
Lindane	58-89-9	0.52	2.2	[1] 50 (j)
2-Methylphenol	95-48-7	2800	10000 (c)	(r)
4-Methylphenol	106-44-5	2800	10000 (c)	(r)
Methoxychlor	72-43-5	280	5200	[500] 50 (i)
Mercury	7439-97-6	14	270	(h)
4-Methyl-2-pentanone(MIBK)	108-10-1	1000 (d)	1000 (d)	50
Methylene chloride	75-09-2	49	210	[10] 1 (j)
Naphthalene	91-20-3	230	4200	100
Nickel	7440-02-0	250	2400 (k) (n)	(h)
Nitrobenzene	98-95-3	28	520	[50] 10 (i)
N-Nitrosodiphenylamine	86-30-6	140	600	100
N-Nitrosodi-n-propylamine	621-64-7	0.66 (f)	0.66 (f)	[1] 10 (j)
PCBs (Polychlorinated biphenyls)	1336-36-3	0.49	2	[100] 50 (i)
Pentachlorophenol	87-86-5	6	24	100
Phenol	103-95-2	10000 (c)	10000 (c)	50
Pyrene	129-00-0	1700	10000 (c)	[500] 100 (j)
Selenium	7782-49-2	63	3100 (n)	(h)

Contaminant	CASRN	Residential Direct Contact Soil Cleanup Criteria(a)(b)	Non Residential Direct Contact Soil Cleanup Criteria(a)(b)	Impact to Ground water Soil Cleanup Criteria(b)
Silver	7440-22-4	110	4100 (n)	(h)
Styrene	100-42-5	23	97	100
1,1,1,2-Tetrachloroethane	630-20-6	170	310	1
1,1,2,2-Tetrachloroethane	79-34-5	34	70 (k)	1
Tetrachloroethylene	127-18-4	4 (k)	6 (k)	1
Thallium	7440-28-0	2 (f)	2 (f)	(h)
Toluene	108-88-3	1000 (d)	1000 (d)	500
Toxaphene	8001-35-2	0.10 (k)	0.2 (k)	[100] 50 (i)
1,2,4-Trichlorobenzene	120-82-1	68	1200	100
1,1,1-Trichloroethane	71-53-6	210	1000 (d)	50
1,1,2-Trichloroethane	79-00-5	22	420	1
Trichloroethene (TCE)	79-01-6	23	54 (k)	1
2,4,5-Trichlorophenol	95-95-4	5600	10000 (c)	50
2,4,6-Trichlorophenol	88-06-2	62	270	[50] 10 (i)
Vanadium	7440-62-2	370	7100 (n)	(h)
Vinyl chloride	75-01-4	2	7	[1] 10 (i)
Xylenes (Total)	1330-29-7	410	1000 (d)	10
Zinc	7440-66-6	1500 (m)	1500 (m)	(h)

Footnotes

(a) criteria are health based using an incidental ingestion exposure pathway except where noted below

(b) criteria are subject to change based on site specific factors (e.g., aquifer classification, soil type, natural background, environmental impacts, etc.)

(c) health based criterion exceeds the 10000 mg/kg maximum for total organic contaminants

(d) health based criterion exceeds the 1000 mg/kg maximum for total volatile organic contaminants

(e) cleanup standard proposal was based on natural background

(f) health based criterion is lower than analytical limits; cleanup criterion based on practical quantitation level

(g) criterion has been recalculated based on new toxicological data

(h) the impact to ground water values for inorganics will be developed based upon site specific chemical and physical parameters

(i) original criterion was incorrectly calculated and has been recalculated

(j) typographical error

(k) criterion based on inhalation exposure pathway which yielded a more stringent criterion than the incidental ingestion exposure pathway

(l) new criterion derived using methodology in the basis and background document

(m) criterion based on ecological (phytotoxicity) effects

(n) level of the human health based criterion is such that evaluation for potential environmental impacts on a site by site basis is recommended

(o) level of the criterion is such that evaluation for potential acute exposure hazard is recommended

(p) criterion based on the USEPA Integrated Exposure Uptake Biokinetic (IEUBK) model utilizing the default parameters. The concentration is considered to protect 95% of target population (children) at a blood lead level of 10 ug/dl.

(q) criteria was derived from a model developed by the Society for Environmental Geochemistry and Health (SEGH) and was designed to be protective for adults in the workplace

(r) Insufficient information available to calculate impact to ground water criteria

FILE REVIEW REQUEST

Attn: File Review Section
Phone # 609-633-1455
Fax # 609-633-1454

BUST ____ UST #_____
Bureau of Underground Storage Tank File

ISRA ____ ISRA File #_____
Industrial Site Recovery Act File

Bureau of Federal Case Mgmt. ____ File #_____

Bureau of State Case Mgmt. ____ File # NJD065808875

Facility/Site Name: Star Enterprises Petroleum Marketing

Site Address: 909 Delancey Street

City/Zip: Newark, NJ 07105 County: Essex

TMS Number # _____

Spill Incident # _____

EPA ID # _____

Case Manager (if known): _____

Requested by: Date Requested: 11-24-98

Name: David S. Felton

Company Name: Foster Wheeler Environmental Corporation

Address: 1 Hess Plaza

City/Zip: Woodbridge NJ 07095-0961

Phone Number: (732) 750-7054

Fax number: (732) 750-6105

PLEASE PROVIDE ALL APPLICABLE INFORMATION

960520084