CURRENT CONDITIONS REPORT
AND
NEW JERSEY PRELIMINARY ASSESSMENT REPORT

GENERAL MOTORS CORPORATION
GENERAL MOTORS VEHICLE MANUFACTURING -
LINDEN ASSEMBLY
1016 WEST EDGAR ROAD
LINDEN, NEW JERSEY

EPA ID #NJD002186690
NJDEP Case No. 95-01-25-1618-35

Volume I - Text, Figures, and Tables

Prepared For: GENERAL MOTORS CORPORATION
TROY, MICHIGAN

Prepared by: ENCORE, LLC

2 MAY 2002

669511

Lakefront Professional Center ■ 295C Route 46 ■ Budd Lake, NJ 07828
Telephone (973) 691-5200 ■ Fax (973) 691-5210 ■ E-Mail : BellNJ@BellEnvironmental.com

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PRELIMINARY ASSESSMENT/
CURRENT CONDITIONS REPORT

VOLUME 1
Text, Figures, Tables, Appendices A to F

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AND
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Volume II - APPENDICES

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LIST OF ACRONYMS AND TERMS

aka	also known as
AOI	Area of Interest
AMF	Anchor Motor Freight, Inc.
AST	Above Ground Storage Tank
BELL	Bell Environmental
Bgs	Below Ground Surface
BN+15	Base/Neutral Extractable Compounds With a Forward Library Search for 15 Tentatively Identified Compounds
C1	Category One
CA	Corrective Actions
CCR	Current Conditions Report
CRTK	Community Right to Know
CVOCs	Chlorinated Volatile Organic Compounds
DICAR	Discharge Investigation and Corrective Action Report
°F	Degrees Fahrenheit
EPI/PA	Environmental Priorities Initiative/Preliminary Assessment
FW	Fresh Water
GM	General Motors
gpd	gallons per day
GWQS	Ground Water Quality Standards
HQ	Hazard Quotient
IGWSCC	Impact to Groundwater Soil Cleanup Criteria
KCSL	Known Contaminated Site List
LRSA	Linden-Roselle Sewer Authority
LNAPL	Light Non-Aqueous Phase Liquid
MCL	Maximum Concentration Limit
MOA	Memorandum of Agreement
MSDS	Material Safety Data Sheet
MTBE	Methyl Tert-Butyl Ether
NJAC	New Jersey Administrative Code
NJDEP	New Jersey Department of Environmental Protection

NJPAR	New Jersey Preliminary Assessment Report
NRCS	Natural Resource Conservation Service
NT	Non Trout
OH	Olsen and Hassold
PA	Preliminary Assessment
PCB	Polychlorinated Biphenyls
PE	Post-excavation
PID	Photoionization Detector
PN	Plant North
PRG	Preliminary Remediation Goals
RAW	Remedial Action Workplan
RCRA	Resource Conservation and Recovery Act
RDCSCC	Residential Direct Contact Soil Cleanup Criteria
RFT	RCRA Facility Investigation
RI	Remedial Investigation
RIR	Remedial Investigation Report
SE	Saline Estuary
SWMU	Solid Waste Management Units
TBA	Tert-Butyl Alcohol
TCL	Target Compound List
Technical requirements	Technical Requirements for Site Remediation, NJAC 7:26E
TN	True North
TP	Trout Production
TPH	Total Petroleum Hydrocarbons
TSDF	Treatment, Storage, Disposal Facilitiy
USDA	United States Department of Agriculture
UL	Urban Land
US	United States
USEPA	United States Environmental Protection Agency
UST	Underground Storage Tank
VOCs	Volatile Organic Compounds
VO+10	Volatile Organic Compounds With A Forward Library Search For 10 Tentatively Identified Compounds

VO+15	Volatile Organic Compounds With A Forward Library Search For 15 Tentatively Identified Compounds
WWTP	Wastewater Treatment Plant

1.0 INTRODUCTION

This Current Conditions Report/New Jersey Preliminary Assessment Report (CCR/NJPAR) presents a description of the current conditions, historical waste management practices, and release history at the General Motors Vehicle Manufacturing-Linden Assembly plant (GM-Linden Facility) in Linden, New Jersey. The Facility is located at 1016 West Edgar Road in Linden, New Jersey. An ongoing investigation is being overseen by the New Jersey Department of Environmental Protection (NJDEP). The NJDEP Case No. is 95-01-25-1618-35. The NJDEP required the GM-Linden Facility to perform a Preliminary Assessment (PA) and document the results in a NJPAR per NJAC 7:26E. This document serves as that NJPAR. NJDEP Case No. 89-03-10-1237 also applies to this Facility.

The United States Environmental Protection Agency (USEPA) requires the GM-Linden Facility (EPA ID# NJD002186690) to demonstrate compliance with the Environmental Indicators under the Corrective Action (CA) Program for the Resource Conservation and Recovery Act (RCRA). The first step under CA is preparation of a CCR. This document also serves as the CCR.

1.1 GENERAL

GM has been conducting environmental investigations at the GM-Linden Facility since 1989 to evaluate soil and groundwater quality from underground storage tanks (USTs) and general plant operations. In particular, since 1989, the following historical events and pertinent correspondence have occurred:

- 1989 - GM removed eight USTs that formerly contained petroleum products and initiated soil and groundwater investigation of this Area of Interest (AOI) under NJDEP's Underground Storage Tank Rules and Regulations (NJAC 7:9B). GM reported a discharge and NJDEP assigned Case No. 89-03-10-1237.
- 1990/1991 - GM submitted a UST-closure report to NJDEP and addendum documenting the UST closure activities, and soil and groundwater investigation results (2).
- 1994/1995 - GM submitted a Remedial Action Workplan (RAW) and addenda (3,4) to the NJDEP for the light, non-aqueous-phase liquid (LNAPL) and dissolved phase petroleum-related constituents discovered in the vicinity of the former USTs.
- 1995 - GM and NJDEP entered a Memorandum of Agreement (MOA) on February 27, 1995 for NJDEP oversight of GM's remediation activities associated with chlorinated volatile organic compounds (CVOCs) in groundwater. NJDEP assigned Case No. 95-01-25-1618-35.

A fracture trace analysis was conducted in the area to the west of the Facility where apparent lineaments related to bedrock structure were not completely obliterated by development. As a result of the construction, a detailed fracture trace analysis could not be conducted in substantial portions of the area surrounding the Facility, and no analysis could be conducted for the bedrock underlying the facility structures.

Suspected lineaments that were identified through review of the stereo aerial photographs (1959) are shown as solid lines on the aerial photograph. In addition to the stereo review, a review was made of the photographs to establish general trends in vegetation or drainage, which may reflect fracture zones. These trends are shown as dashed lines on the fracture trace map.

It is likely the fracture sets will impart significant anistropy with the highest zones of hydraulic conductivity located along the strike of the beds and the strike of the predominant fracture system. Therefore, groundwater flow in the bedrock beneath the GM-Linden Facility is likely influenced by these features and may trend from the northeast (TN) to the southwest (TN). The topographic position of a site is also likely to exert influence over groundwater flow. Because the GM-Linden Facility is not situated in an area of sloping topography, significant topographic influences on groundwater flow are not anticipated.

6.1.5 SOIL INVESTIGATION

Soil samples to investigate possible onsite sources of CVOCs were initially obtained during the monitoring well installation phase of the RI between June 29, 1995, and July 3, 1995. Five (5) soil samples were collected for analysis during the installation of the overburden wells (BEC-5D through BEC-9D) installed in the deep overburden. Additionally, a series of soil borings (SB-1 through SB-23) were installed in four areas of the GM-Linden Facility between October 7 and 15, 1996 to investigate potential source areas of chlorinated organic compounds. Soil samples were analyzed for VO+10.

Soil samples were obtained during drilling in accordance with the NJDEP protocol and the NJDEP *Field Sampling Procedures Manual* (May 1992). The samples were screened both visually and with a PID for evidence of contamination. The sample with the highest PID reading from each borehole was retained for analysis. At locations where PID readings were not above background, the interval immediately above the observed water table was retained.

Soil borings were advanced as part of the investigation work summarized in the March 1997 RIR within different areas of the Facility to investigate soil quality at:

The soil characterization data are compared with screening criteria derived from the risk-based preliminary remediation goals (PRGs) published by USEPA Region 9 (USEPA 2000). USEPA Region 9 calculates their risk-based PRGs using conservative standard default exposure factors for estimating high-end exposures of workers to soil in commercial/industrial settings, and target cancer risk and hazard quotient (HQ) of 10^{-6} and 1, respectively.

The standard default exposure factors used in the USEPA Region 9 risk-based PRGs are conservative assumptions about the magnitude, frequency, and duration of exposures, which in combination are intended to provide estimates of exposures that are higher than actual exposures to a large portion (90% to 99%) of the population. The target cancer risk of 10^{-6} is another conservative assumption embedded in the USEPA Region 9 PRGs, which assumes exposure to a large number of carcinogenic chemicals at a particular site. According to USEPA, a target risk of 10^{-6} can be used in developing screening criteria (like the PRGs) to ensure that cumulative cancer risk from exposure to multiple human carcinogens at a particular site would not exceed the acceptable limit of 10^{-4}. This means that there can be as many as 100 human carcinogens at these PRGs at a site without exceeding the cumulative risk goal of 10^{-4}.

At many sites, including this Facility, potential cancer risk is associated with far fewer human carcinogens (i.e., closer to 10 than 100) so that the PRGs calculated using a target cancer risk of 10^{-6} are far more conservative than necessary to protect for simultaneous exposures to multiple carcinogens. Therefore, the risk-based screening criteria used for identifying a potentially significant release at the Facility are PRGs that have been adjusted to a target cancer risk of 10^{-5} and a target HQ of 1. A potentially significant release is identified at an area when the highest concentrations of the constituents detected in soil at the area are higher than these screening criteria. It should be noted that an area with constituents at concentrations in soil that are higher than these screening criteria does not mean that it necessarily poses an unacceptable risk; it only means that the potential for the area to pose an unacceptable risk should be evaluated considering site-specific factors or further investigated.

Similarly, NJDEP has developed remediation criteria for selected compounds in soil based on residential and non-residential direct contact and to protect ground water quality. The basis for these values may be found in NJDEP-Basis Document for the proposed (but never finalized) Soil Cleanup Standards (NJAC 7:26D; 1992).

Table 6.2 shows the comparison of site-wide soil characterization data with the PRG-based and NJDEP screening criteria discussed above.

In 1995 and 1996, 24 soil borings were completed at the facility to collect samples in areas suspected of being potential source areas for chlorinated VOCs. Soils were screened with a PID for the presence of VOCs with suspect samples submitted for analysis of VO+10. The results of the sampling effort (Figure 6.1a and Table 6.2) indicated the presence of VOCs (benzene, toluene, xylene, ethylbenzene, and cis-1,2-dichloroethene) in soil at five boring locations (SB-3, SB-4, SB-8, SB-17, SB-18). However, these concentrations do not exceed the criteria.

6.1.8.2 GROUNDWATER

In a manner similar to that discussed above for screening soil characterization data, the historical groundwater monitoring data are screened with generic risk-based screening criteria to identify whether a potentially significant release from an area to groundwater has occurred. The groundwater monitoring data are compared with screening criteria based on maximum contaminant levels (MCLs) established under the New Jersey Safe Drinking Water Act, the Federal Safe Drinking Water Act, and drinking water equivalent levels (DWELs) for constituents without MCLs. The DWELs are generic risk-based drinking water limits calculated using conservative standard default exposure factors for estimating high-end exposures via daily drinking water consumption, and target cancer risk and HQ of 10^{-5} and 1, respectively. In addition, groundwater monitoring data are compared to the New Jersey Groundwater Quality Standards for Class-IIA aquifers (classification for potable water use). A potentially significant release to groundwater is identified when the highest concentrations of constituents detected in a groundwater-monitoring well are higher than these screening criteria. Appendix N shows the comparison of site-wide groundwater characterization data with the USEPA and NJDEP screening criteria discussed above.

It should be noted that the groundwater screening criteria described above are designed to be protective of potential exposures via drinking water use and represent highly conservative screening criteria for evaluating groundwater that is not a current or reasonably expected future drinking water supply. Therefore, the presence of groundwater with constituent concentrations higher than these generic screening criteria does not mean that the groundwater necessarily poses an unacceptable risk; it only means that the potential for the groundwater to pose an unacceptable risk should be evaluated considering site-specific factors or further investigated. Table 6.3 shows the comparison of site-wide groundwater characterization data with the screening criteria discussed above.

Impacts to groundwater by chlorinated VOCs are present at the Facility. Impacts are present in both the overburden and bedrock flow units. Specific source areas or source operations for introduction of chlorinated organic solvents to the subsurface and

TABLE 1.1
SUMMARY OF AOIs
GM-LINDEN, NJ

AOI NO.	DESCRIPTION	INFORMATION SOURCE
AOI 1	FORMER RCRA CONTAINER STORAGE AREA No. 1	RCRA CLOSURE DOCUMENTS TELEPHONE CONVERSATION WITH NJDEP CASE MGR GM EMPLOYEE INTERVIEWS EPI/PA
AOI 2	FORMER ABOVE GRADE PIPELINE BETWEEN PAINT MIX BUILDING AND POWERHOUSE	GM AND NJDEP DOCUMENTS GM EMPLOYEE INTERVIEWS
AOI 3	EXISTING DRUM STORAGE/FILL AREA	SITE RECONNAISSANCE GM EMPLOYEE INTERVIEWS BELL 1997 RIR EPI/PA
AOI 4	FORMER ELPO ASTs	SANBORN MAPS GM EMPLOYEE INTERVIEWS SITE RECONNAISSANCE
AOI 5	FORMER ELPO USTs	GM EMPLOYEE INTERVIEWS
AOI 6	PAINT MIX BUILDING	RCRA CLOSURE DOCUMENTS SITE RECONNAISSANCE GM EMPLOYEE INTERVIEWS EPI/PA
AOI 7	FORMER BULK FLUIDS AST FARM	SITE RECONNAISSANCE GM EMPLOYEE INTERVIEWS EPI/PA
AOI 8	FORMER POWERHOUSE HEATING OIL ASTs	SITE RECONNAISSANCE GM EMPLOYEE INTERVIEWS
AOI 9	EXISTING BULK FLUIDS AST FARM	SITE RECONNAISSANCE GM EMPLOYEE INTERVIEWS
AOI 10	FORMER STORAGE SHED	GM EMPLOYEE INTERVIEWS HISTORIC AERIAL PHOTOS
AOI 11	FORMER RECLAMATION AREA	GM EMPLOYEE INTERVIEWS
AOI 12	HISTORIC PROCESS SEWER LINES	GM EMPLOYEE INTERVIEWS REPORT DETAILING THE HISTORY OF GM, AUTHORED BY A FORMER GM EMPLOYEE
AOI 13	WASTE WATER TREATMENT PLANT (WWTP)	RCRA CLOSURE DOCUMENTS SITE RECONNAISSANCE GM EMPLOYEE INTERVIEWS EPI/PA
AOI 14	ROLL OFF STORAGE (WITHIN WWTP BUILDING)	RCRA CLOSURE DOCUMENTS SITE RECONNAISSANCE GM EMPLOYEE INTERVIEWS EPI/PA

AOI 15	FORMER RCRA CONTAINER STORAGE AREA No. 2	RCRA CLOSURE DOCUMENTS TELEPHONE CONVERSATION WITH NJDEP CASE MGR GM EMPLOYEE INTERVIEWS EPI/PA
AOI 16	FORMER PETROLEUM USTs	MULTIPLE BELL REPORTS DATED 1989 THROUGH 1996 NJDEP CORRESPONDANCE EPI/PA
AOI 17	COMPANY CAR FUEL FILL POINT	GM EMPLOYEE INTERVIEWS REFERENCE IN GM DPCC PLAN
AOI 18	EXISTING STORM SEWER OUTFALL	GM EMPLOYEE INTERVIEWS GM AND NJDEP RECORDS
AOI 19	INCINERATOR	SITE RECONNAISSANCE GM EMPLOYEE INTERVIEWS
AOI 20	BONEYARD	HISTORIC AERIAL PHOTOS
AOI 21	WASTE THINNER HANDLING AREA/FORMER POWER HOUSE	GM EMPLOYEE INTERVIEWS GM AND NJDEP RECORDS
AOI 22	RAILROAD WELLS WITHIN BUILDING INTERIOR	GM EMPLOYEE INTERVIEWS SITE RECONNAISSANCE GM AND NJDEP RECORDS
AOI 23	FORMER INTERIOR TESTING PITS	HISTORIC SANBORN MAPS
AOI 24	CENTRAL AND TUTONE SLUDGE AREAS	GM EMPLOYEE INTERVIEWS SITE RECONNAISSANCE

TABLE 6.1
SUMMARY OF PREVIOUS INVESTIGATION ACTIVITIES FOR EACH AREA OF INTEREST

AOI 16:

INVESTIGATION REPORT	SUMMARY OF DATA
Underground Storage Tank Removal and Soil Excavation Program – May 1989 (BELL)	Subsequent to the removal of eight USTs and associated soil contamination, BELL obtained nine post-excavation (PE) soil samples along the sidewalls of the excavation (PE-1 through PE-4 and PE-7 through PE-11) and immediately above the saturated zone at the excavation bottom (PE-5 and PE-6). Samples were submitted for analysis of total petroleum hydrocarbons (TPH) and Volatile Organic Compounds (VOCs) plus fifteen unknown peaks (VO+15). Results indicated VO+15 and TPH levels below the NJDEP Impact to Groundwater Soil Cleanup Criteria (PE-5 and PE-6 exceeded IGWSCC for xylenes). Due to the presence of soil contamination, GM notified the NJDEP of a discharge (NJDEP case number 89-03-10-1237) and was directed to undertake an investigation designed to comply with the NJDEP Discharge Investigation and Corrective Action Report (DICAR) Requirements
Discharge Investigation and Corrective Action Report (DICAR)– March 1990 (BELL)	In order to further delineate the VO+15 contamination detected in the previous sampling event, BELL installed four additional shallow exploratory groundwater monitoring wells (BEC-6S through BEC-9S) in the shallow overburden aquifer and two intermediate groundwater monitoring wells (BEC-1D and BEC-2D) screened in the deep overburden aquifer. Samples were obtained from groundwater monitoring wells (BEC-2S, BEC-3S, BEC-5S through BEC-9S, BEC-1D, and BEC-2D) for analysis of VO+15, BN+15, lead, and polychlorinated biphenyls (PCBs). These groundwater results indicated lead (BEC-2S, BEC-5S through BEC-8S, BEC-1D, and BEC-2D), 1,1- dichloroethene (BEC-9S), tetrachloroethene (BEC-9S), and trichloroethene (BEC-9S, BEC-1D, and BEC-2D) above the NJDEP Specific Groundwater Quality Criteria for Class II-A Groundwaters. LNAPL was present on the groundwater surface in BEC-1S.

Phase II DICAR – April 1991 (BELL)	Per NJDEP requirements, BELL completed five exploratory soil borings in the vicinity of the former UST excavation to assess the presence and/or migration of contaminants within the former excavation. Samples were submitted for analysis of VO+10. Results indicated no detected compounds. BELL also installed four additional shallow exploratory groundwater-monitoring wells (BEC-10S through BEC-13S) and two additional deep overburden groundwater wells (BEC-3D and BEC-4D). Groundwater samples were obtained from all on-site monitoring wells, with the exception of BEC-1S (LNAPL layer detected at the water table), for analysis of VO+15 and BN+15. Results indicated benzene (BEC-5S), 1,2-dichloroethane (BEC-9S, BEC-1D and BEC-2D), trichloroethene (BEC-9S, BEC-1D, BEC-2D, and BEC-4D), 1,2-dichloroethane (BEC-1D and BEC-2), 1,1,1-trichloroethane (BEC-4D), chloroform (BEC-12S, BEC-3D, and BEC-4S), tetrachloroethene (BEC-1D and BEC-2D), and chlorobenzene (BEC-1D) above NJDEP Specific Groundwater Quality Criteria for Class II-A Groundwaters.
Remedial Action Workplans and Addendums – 1994, 1995, 1996 (BELL)	BELL prepared three RAW documents for recovery of free-product from monitoring well BEC-1S and a proposal for natural attenuation with a Classification Exception Area submittal for groundwater. BELL implemented free-product recovery using a passive hydrophobic recovery system as per the RAW. Free-product recovery was terminated once free-product was no longer being recovered. NJDEP issued a No Further Action approval letter for the petroleum hydrocarbon USTs in June 1996.

Remedial Investigation Report – March 1997 (BELL)	Remedial Investigation activities were conducted at the site to address environmental issues raised by NJDEP related to the presence of chlorinated organic compounds in the groundwater. Nine additional monitoring wells were installed in the deep overburden (Wells BEC-5D through BEC-9D) and shallow bedrock (BEC-1B through BEC-4B) at the site. Soil samples were collected and four piezometers were also installed. Remedial Investigation activities conducted from June 1995 through November 1996 investigated the presence and distribution of chlorinated organic compounds in the groundwater at the GM site. The investigation included soil sampling in potential areas where these compounds could be present and which could represent source areas for impacts to groundwater quality.

TABLE 6.2

ANALYTICAL RESULTS SUM[illegible] OF DETECTED ANALYTES
HISTO[illegible] OILS
LINDEN, NJ

Sample Location:				B-1	B-2	B-3	B-4	B-5	HEC-5D	HEC-5D	HEC-6D	HEC-6D	BEC-7D	BEC-7D	BEC-8D	BEC-8D
Sample ID:				89001-6001	89001-6002	89001-6003	89001-6004	89001-6005	93089-HEC5D	93089-HEC5D	93089-HEC6D	93089-HEC6D	93089-BEC7D	93089-BEC7D	93089-BEC8D	93089-BEC8D
Sample Date:				11/14/90	11/14/90	11/14/90	11/14/90	11/14/90	7/3/95	7/3/95	6/29/95	6/29/95	6/29/95	6/29/95	6/30/95	6/30/95
Analysis Date:				11/14/90	11/14/90	11/14/90	11/14/90	11/14/90	7/3/95	7/8/95	6/29/95	7/8/95	6/29/95	7/8/95	6/30/95	7/11/95
Sample Depth:				(9-11)	(11-13)	(5-7)	(9-11)	(11-13)								
Parameters	Units	EPA a	NJ b													
Metals																
Lead	mg/Kg	750	600	-	-	-	-	-	-	-	-	-	-	-	-	-
Petroleum Products																
Total Petroleum Hydrocarbons	mg/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Volatiles																
1,1,1-Trichloroethane	ug/Kg	3215687.81	1000000	ND (25)	6.8 JB	ND (25)	ND (25)	6.2 JB	-	ND (1.2)	-	ND (1.1)	-	ND (1.4)	-	ND (1.2)
1,1,2-Trichloroethane	ug/Kg	1901.54	420000	ND (25)	ND (25)	ND (25)	ND (25)	ND (25)	-	ND (1.2)	-	ND (1.1)	-	ND (1.4)	-	ND (1.2)
1,1-Dichloroethane	ug/Kg	2061342.61	1000000	ND (25)	ND (25)	ND (25)	ND (25)	ND (25)	-	ND (1.2)	-	ND (1.1)	-	ND (1.4)	-	ND (1.2)
1,1-Dichloroethene	ug/Kg	118.70	150000	ND (25)	ND (25)	ND (25)	ND (25)	ND (25)	-	ND (1.2)	-	ND (1.1)	-	ND (1.4)	-	ND (1.2)
1,2-Dichlorobenzene	ug/Kg	3320151.02	10000000	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2-Dichloroethane	ug/Kg	764.81	24000	ND (25)	ND (25)	ND (25)	ND (25)	ND (25)	-	ND (1.2)	-	ND (1.1)	-	ND (1.4)	-	ND (1.2)
1,3-Dichlorobenzene	ug/Kg	51755.44	10000000	-	-	-	-	-	-	-	-	-	-	-	-	-
1,4-Dichlorobenzene	ug/Kg	8128.69	10000000	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Hexanone	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Methyl-2-pentanone	ug/Kg	2886852.93	1000000	-	-	-	-	-	-	-	-	-	-	-	-	-
Acetone	ug/Kg	6219622.78	1000000	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene	ug/Kg	1454.93	13000	ND (25)	ND (25)	ND (25)	ND (25)	ND (25)	-	ND (1.2)	-	ND (1.1)	-	ND (1.4)	-	ND (1.2)
Bromodichloromethane	ug/Kg	2357.29	46000	ND (25)	ND (25)	ND (25)	ND (25)	ND (25)	-	ND (1.2)	-	ND (1.1)	-	ND (1.4)	-	ND (1.2)
Bromoform	ug/Kg	312245.45	370000	ND (25)	ND (25)	ND (25)	ND (25)	ND (25)	-	ND (1.2)	-	ND (1.1)	-	ND (1.4)	-	ND (1.2)
Carbon disulfide	ug/Kg	1208831.87	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chlorobenzene	ug/Kg	542926.75	680000	ND (25)	ND (25)	ND (25)	ND (25)	ND (25)	-	ND (1.2)	-	ND (1.1)	-	ND (1.4)	-	ND (1.2)
Chloroform (Trichloromethane)	ug/Kg	521.01	28000	ND (25)	ND (25)	ND (25)	ND (25)	ND (25)	-	ND (1.2)	-	ND (1.1)	-	ND (1.4)	-	ND (1.2)
cis-1,2-Dichloroethene	ug/Kg	147355.84	1000000	-	-	-	-	-	-	ND (1.2)	-	ND (1.1)	-	ND (1.4)	-	ND (1.2)
Ethylbenzene	ug/Kg	5973247.27	1000000	ND (25)	ND (25)	ND (25)	ND (25)	ND (25)	-	ND (1.2)	-	ND (1.1)	-	ND (1.4)	-	ND (1.2)
m&p-Xylene	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Methyl Tert Butyl Ether	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Methylene chloride	ug/Kg	20526.15	210000	ND (25)	ND (25)	ND (25)	ND (25)	ND (25)	-	1.4 B	-	2.3 B	-	1.9 B	-	8.8 B
o-Xylene	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Synthetic Organic Compounds (cancer)	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Synthetic Organic Compounds (non-cancer)	ug/Kg	-	-	ND (50)	ND (50)	ND (50)	ND (50)	ND (50)	ND (1.2)	-	ND (1.1)	-	ND (1.4)	-	ND (1.2)	-
Tetrachloroethene	ug/Kg	18666.92	6000	ND (25)	ND (25)	ND (25)	ND (25)	ND (25)	-	ND (1.2)	-	ND (1.1)	-	ND (1.4)	-	ND (1.2)
Toluene	ug/Kg	1987470.14	1000000	ND (25)	ND (25)	ND (25)	ND (25)	ND (25)	-	ND (1.2)	-	ND (1.1)	-	ND (1.4)	-	ND (1.2)
Total VOCS	ug/Kg	-	-	ND	-	ND	ND	6.2	-	1.4	-	2.3	-	1.9	-	8.8
trans-1,2-Dichloroethene	ug/Kg	214152.32	1000000	ND (25)	ND (25)	ND (25)	ND (25)	ND (25)	-	ND (1.2)	-	ND (1.1)	-	ND (1.4)	-	ND (1.2)
trans-1,3-Dichloropropene	ug/Kg	-	-	ND (25)	ND (25)	ND (25)	ND (25)	ND (25)	-	ND (1.2)	-	ND (1.1)	-	ND (1.4)	-	ND (1.2)
Trichloroethene	ug/Kg	6116.22	54000	ND (25)	ND (25)	ND (25)	ND (25)	ND (25)	-	ND (1.2)	-	ND (1.1)	-	ND (1.4)	-	ND (1.2)
Vinyl chloride	ug/Kg	830	7000	ND (50)	ND (50)	ND (50)	ND (50)	ND (50)	-	ND (1.2)	-	ND (1.1)	-	ND (1.4)	-	ND (1.2)
Xylene (total)	ug/Kg	4453346.87	1000000	ND (25)	ND (25)	ND (25)	ND (25)	ND (25)	-	ND (1.2)	-	ND (1.1)	-	ND (1.4)	-	ND (1.2)
Volatile TICS																
2,3-dihydro-dimethyl-1H-Indene Isomer A	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,3-dihydro-dimethyl-1H-Indene Isomer B	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Acetone A	ug/Kg	-	-	-	-	-	-	-	-	-	-	6.0	-	8.0	-	-
C5H12O Alcohol A	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C6H14O Alcohol A	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C8H16 Cycloalkane A	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C8H16 Cycloalkane B	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C9H18 Cycloalkane A	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C9H18 Cycloalkane B	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C9H10 aromatic A	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C9H20 Alkane A	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C9H20 Alkane B	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C9H18 Hydrocarbon	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C9H18O Ketone A	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C10H12 aromatic A	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C10H14 aromatic A	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C10H14 Aromatic/coeluting hydrocarbon	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C10H16 Hydrocarbon A	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	10	-	-
C10H16 Hydrocarbon B	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	7.1	-	-
C10H20 Cycloalkane A	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C11H14 Aromatic/Unknown Alkane	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C11H16 Aromatic/coeluting hydrocarbon	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C11H24 Alkane A	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C11H24 Alkane/C10H14 Aromatic	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C12H16 Aromatic	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C12H26 Alkane	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C14H30 Alkane	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Decahydronaphthalene Isomer A	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dimethylnaphthalene A	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dimethylnaphthalene B	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ethyldimethylbenzene Isomer A	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Methylnaphthalene isomer A	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Methylnaphthalene Isomer B	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Naphthalene A	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	52
Napthalene/C13H28 Alkane	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

TABLE 6.2

ANALYTICAL RESULTS SUMMARY OF DETECTED ANALYTES
HISTORIC - SOILS
LINDEN, NJ

Sample Location:				B-1	B-2	B-3	B-4	B-5	BEC-5D	BEC-5D	BEC-6D	BEC-6D	BEC-7D	BEC-7D	BEC-8D	BEC-8D
Sample ID:				89001-6001	89001-6002	89001-6003	89001-6004	89001-6005	93089-BEC5D	93089-BEC5D	93089-BEC6D	93089-BEC6D	93089-BEC7D	93089-BEC7D	93089-BEC8D	93089-BEC8D
Sample Date:				11/14/90	11/14/90	11/14/90	11/14/90	11/14/90	7/3/95	7/3/95	6/29/95	6/29/95	6/29/95	6/29/95	6/30/95	6/30/95
Analysis Date:				11/14/90	11/14/90	11/14/90	11/14/90	11/14/90	7/8/95	7/8/95	7/8/95	7/8/95	6/29/95	7/8/95	6/30/95	7/11/95
Sample Depth:				(9-11)	(11-13)	(5-7)	(9-11)	(11-13)								
Parameters	*Units*	*EPA*	*NJ*													
		a	b													
Propane, 2-methoxy-2-methyl	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tetrahydromethylnaphthalene isomer A	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trimethylbenzene Isomer A	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trimethylbenzene Isomer B	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown A	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	12	-	-
Unknown B	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	19	-	-
Unknown C	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	7.2	-	-
Unknown D	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	9.3	-	-
Unknown Hydrocarbon A	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown Hydrocarbon B	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown Hydrocarbon C	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total volatile TICS	ug/Kg			0	0	0	0	0	0	0	0	0	0	72.6	0	52

TABLE 6.2

ANALYTICAL RESULTS SUM OF DETECTED ANALYTES
HISTORIC SOILS
LINDEN, NJ

Sample Location:				BEC-9D	BEC-9D	PE-02	PE-02	PE-02	PE-03	PE-03	PE-03	PE-04	PE-04	PE-04	PE-05	PE-05	PE-05
Sample ID:				93089-BEC9D	93089-BEC9D	89001-6002	89001-6002	89001-6002	89001-6003	89001-6003	89001-6003	89001-6004	89001-6004	89001-6004	89001-6005	89001-6005	89001-6005
Sample Date:				6/30/95	6/30/95	3/13/89	3/13/89	3/13/89	3/13/89	3/13/89	3/13/89	3/13/89	3/13/89	3/13/89	3/13/89	3/13/89	3/13/89
Analysis Date:				6/30/95	7/11/95	3/13/89	3/15/89	3/17/89	3/13/89	3/15/89	3/17/89	3/13/89	3/15/89	3/17/89	3/13/89	3/15/89	3/17/89
Sample Depth:																	
Parameters	**Units**	**EPA** a	**NJ** b														
Metals																	
Lead	mg/Kg	750	600	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Petroleum Products																	
Total Petroleum Hydrocarbons	mg/Kg	-	-	-	-	-	21.0	-	-	16.0	-	-	9.0	-	-	1280.0	-
Volatiles																	
1,1,1-Trichloroethane	ug/Kg	3215687.81	1000000	-	ND (1.2)	-	-	ND (5.9)	-	-	ND (6.0)	-	-	ND (6.3)	-	-	ND (12350)
1,1,2-Trichloroethane	ug/Kg	1901.54	420000	-	ND (1.2)	-	-	ND (5.9)	-	-	ND (6.0)	-	-	ND (6.3)	-	-	ND (12350)
1,1-Dichloroethane	ug/Kg	2061342.61	1000000	-	ND (1.2)	-	-	ND (5.8)	-	-	ND (6.0)	-	-	ND (6.3)	-	-	ND (12350)
1,1-Dichloroethene	ug/Kg	118.70	150000	-	ND (1.2)	-	-	ND (5.8)	-	-	ND (6.0)	-	-	ND (6.3)	-	-	ND (12350)
1,2-Dichlorobenzene	ug/Kg	3320151.02	10000000	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2-Dichloroethane	ug/Kg	764.81	24000	-	ND (1.2)	-	-	ND (5.8)	-	-	ND (6.0)	-	-	ND (6.3)	-	-	ND (12350)
1,3-Dichlorobenzene	ug/Kg	51755.44	10000000	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,4-Dichlorobenzene	ug/Kg	8128.69	10000000	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Hexanone	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Methyl-2-pentanone	ug/Kg	2886852.93	1000000	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Acetone	ug/Kg	6219622.78	1000000	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene	ug/Kg	1454.93	13000	-	ND (1.2)	-	-	ND (5.8)	-	-	ND (6.0)	-	-	ND (6.3)	-	-	ND (12350)
Bromodichloromethane	ug/Kg	2357.29	46000	-	ND (1.2)	-	-	ND (5.8)	-	-	ND (6.0)	-	-	ND (6.3)	-	-	ND (12350)
Bromoform	ug/Kg	312245.45	370000	-	ND (1.2)	-	-	ND (5.8)	-	-	ND (6.0)	-	-	ND (6.3)	-	-	ND (12350)
Carbon disulfide	ug/Kg	1208831.87	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chlorobenzene	ug/Kg	542926.75	680000	-	ND (1.2)	-	-	ND (5.8)	-	-	ND (6.0)	-	-	ND (6.3)	-	-	ND (12350)
Chloroform (Trichloromethane)	ug/Kg	521.01	28000	-	ND (1.2)	-	-	ND (5.8)	-	-	ND (6.0)	-	-	ND (6.3)	-	-	ND (12350)
cis-1,2-Dichloroethene	ug/Kg	147355.84	1000000	-	ND (1.2)	-	-	-	-	-	-	-	-	-	-	-	-
Ethylbenzene	ug/Kg	5973247.27	1000000	-	ND (1.2)	-	-	ND (5.8)	-	-	ND (6.0)	-	-	ND (6.3)	-	-	ND (12350)
m&p-Xylene	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Methyl Tert Butyl Ether	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Methylene chloride	ug/Kg	20526.15	210000	-	3.1 B	-	-	ND (5.8)	-	-	ND (6.0)	-	-	ND (6.3)	-	-	ND (12350)
o-Xylene	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Synthetic Organic Compounds (cancer)	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Synthetic Organic Compounds (non-cancer)	ug/Kg	-	-	ND (1.2)	-	ND (5.9)	-	-	ND (6)	-	-	ND (6.3)	-	-	ND (12350)	-	-
Tetrachloroethene	ug/Kg	18666.92	6000	-	ND (1.2)	-	-	ND (5.8)	-	-	ND (6.0)	-	-	ND (6.3)	-	-	ND (12350)
Toluene	ug/Kg	1987470.14	1000000	-	ND (1.2)	-	-	ND (5.8)	-	-	ND (6.0)	-	-	ND (6.3)	-	-	ND (12350)
Total VOCS	ug/Kg	-	-	-	3.1	-	-	-	-	-	-	-	-	-	-	-	-
trans-1,2-Dichloroethene	ug/Kg	214152.32	1000000	-	ND (1.2)	-	-	ND (5.8)	-	-	ND (6.0)	-	-	ND (6.3)	-	-	ND (12350)
trans-1,3-Dichloropropene	ug/Kg	-	-	-	ND (1.2)	-	-	ND (5.8)	-	-	ND (6.0)	-	-	ND (6.3)	-	-	ND (12350)
Trichloroethene	ug/Kg	6116.22	54000	-	ND (1.2)	-	-	ND (5.9)	-	-	ND (6.0)	-	-	ND (6.3)	-	-	ND (12350)
Vinyl chloride	ug/Kg	830	7000	-	ND (1.2)	-	-	ND (11.6)	-	-	ND (12.0)	-	-	ND (12.6)	-	-	ND (24700)
Xylene (total)	ug/Kg	4453346.87	1000000	-	ND (1.2)	-	-	ND (5800)	-	-	ND (6000)	-	-	ND (6300)	-	-	116000
Volatile TICS																	
2,3-dihydro-dimethyl-1H-Indene Isomer A	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,3-dihydro-dimethyl-1H-Indene Isomer B	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Acetone A	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C5H12O Alcohol A	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C6H14O Alcohol A	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C8H16 Cycloalkane A	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C8H16 Cycloalkane B	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C9H18 Cycloalkane A	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C9H18 Cycloalkane B	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C9H10 aromatic A	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C9H20 Alkane A	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C9H20 Alkane B	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C9H18 Hydrocarbon	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C9H18O Ketone A	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C10H12 aromatic A	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C10H14 aromatic A	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C10H14 Aromatic/coeluting hydrocarbon	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C10H16 Hydrocarbon A	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C10H16 Hydrocarbon B	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C10H20 Cycloalkane A	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C11H14 Aromatic/Unknown Alkane	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C11H16 Aromatic/coeluting hydrocarbon	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C11H24 Alkane A	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C11H24 Alkane/C10H14 Aromatic	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C12H16 Aromatic	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C12H26 Alkane	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C14H30 Alkane	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Decahydronaphthalene Isomer A	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dimethylnaphthalene A	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dimethylnaphthalene B	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ethyldimethylbenzene Isomer A	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Methylnaphthalene isomer A	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Methylnaphthalene Isomer B	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Naphthalene A	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Naphthalene/C13H28 Alkane	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY OF DETECTED ANALYTES
HISTORIC - SOILS
LINDEN, NJ

Sample Location:				BEC-9D	BEC-9D	PE-02	PE-02	PE-02	PE-03	PE-03	PE-03	PE-04	PE-04	PE-04	PE-05	PE-05	PE-05
Sample ID:				93089-BEC9D	93089-BEC9D	89001-6002	89001-6002	89001-6002	89001-6003	89001-6003	89001-6003	89001-6004	89001-6004	89001-6004	89001-6005	89001-6005	89001-6005
Sample Date:				6/30/95	6/30/95	3/13/89	3/13/89	3/13/89	3/13/89	3/13/89	3/13/89	3/13/89	3/13/89	3/13/89	3/13/89	3/13/89	3/13/89
Analysis Date:				6/30/95	7/11/95	3/13/89	3/15/89	3/17/89	3/13/89	3/15/89	3/17/89	3/13/89	3/15/89	3/17/89	3/13/89	3/15/89	3/17/89
Sample Depth:																	
Parameters	*Units*	*EPA*	*NJ*														
		a	b														
Propane, 2-methoxy-2-methyl	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tetrahydromethylnaphthalene isomer A	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trimethylbenzene Isomer A	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trimethylbenzene Isomer B	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown A	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown B	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown C	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown D	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown Hydrocarbon A	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown Hydrocarbon B	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown Hydrocarbon C	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total volatile TICS	ug/Kg			0	0	0	0	0	0	0	0	0	0	0	0	0	0

TABLE 6.2

ANALYTICAL RESULTS SUMMARY OF DETECTED ANALYTES
HISTORIC SOILS
LINDEN, NJ

Sample Location:				PE-06	PE-06	PE-06	PE-07	PE-07	PE-07	PE-07	PE-07	PE-01	PE-01	PE-01	PE-08	PE-08	PE-08
Sample ID:				89001-6006	89001-6006	89001-6006	89001-6007	89001-6007	89001-6007	89001-6013(DUP)	89001-6013(DUP)	89001-6001	89001-6001	89001-6001	89001-6008	89001-6008	89001-6008
Sample Date:				3/13/89	3/13/89	3/13/89	3/20/89	3/20/89	3/20/89	3/20/89	3/20/89	3/13/89	3/13/89	3/13/89	3/20/89	3/20/89	3/20/89
Analysis Date:				3/13/89	3/15/89	3/17/89	3/20/89	3/22/89	3/26/89	3/22/89	3/26/89	3/13/89	3/15/89	3/17/89	3/20/89	3/22/89	3/26/89
Sample Depth:										Duplicate	Duplicate						
Parameters	**Units**	**EPA a**	**NJ b**														
Metals																	
Lead	mg/Kg	750	600	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Petroleum Products																	
Total Petroleum Hydrocarbons	mg/Kg	-	-	-	1800.0	-	-	215.0	-	218.0	-	-	15.0	-	-	86.0	-
Volatiles																	
1,1,1-Trichloroethane	ug/Kg	3215687.81	1000000	-	-	ND (30340)	-	-	ND	-	ND (5.9)	-	-	ND (5.9)	-	-	ND (5.8)
1,1,2-Trichloroethane	ug/Kg	1901.54	420000	-	-	ND (30340)	-	-	ND	-	ND (5.9)	-	-	ND (5.9)	-	-	ND (5.8)
1,1-Dichloroethane	ug/Kg	2061342.61	1000000	-	-	ND (30340)	-	-	ND	-	ND (5.9)	-	-	ND (5.9)	-	-	ND (5.8)
1,1-Dichloroethene	ug/Kg	118.70	150000	-	-	ND (30340)	-	-	ND	-	ND (5.9)	-	-	ND (5.9)	-	-	ND (5.8)
1,2-Dichlorobenzene	ug/Kg	3320151.02	10000000	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2-Dichloroethane	ug/Kg	764.81	24000	-	-	ND (30340)	-	-	ND	-	ND (5.9)	-	-	ND (5.9)	-	-	ND (5.8)
1,3-Dichlorobenzene	ug/Kg	51755.44	10000000	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,4-Dichlorobenzene	ug/Kg	8128.69	10000000	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Hexanone	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Methyl-2-pentanone	ug/Kg	2886852.93	1000000	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Acetone	ug/Kg	6219622.78	1000000	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene	ug/Kg	1454.93	13000	-	-	ND (30340)	-	-	ND	-	ND (5.9)	-	-	ND (5.9)	-	-	ND (5.8)
Bromodichloromethane	ug/Kg	2357.29	46000	-	-	ND (30340)	-	-	ND	-	ND (5.9)	-	-	ND (5.9)	-	-	ND (5.8)
Bromoform	ug/Kg	312245.45	370000	-	-	ND (30340)	-	-	ND	-	ND (5.9)	-	-	ND (5.9)	-	-	ND (5.8)
Carbon disulfide	ug/Kg	1208831.87	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chlorobenzene	ug/Kg	542926.75	680000	-	-	ND (30340)	-	-	ND	-	ND (5.9)	-	-	ND (5.9)	-	-	ND (5.8)
Chloroform (Trichloromethane)	ug/Kg	521.01	28000	-	-	ND (30340)	-	-	ND	-	ND (5.9)	-	-	ND (5.9)	-	-	ND (5.8)
cis-1,2-Dichloroethene	ug/Kg	147355.84	1000000	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ethylbenzene	ug/Kg	5973247.27	1000000	-	-	ND (30340)	-	-	ND	-	ND (5.9)	-	-	ND (5.9)	-	-	ND (5.8)
m&p-Xylene	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Methyl Tert Butyl Ether	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Methylene chloride	ug/Kg	20526.15	210000	-	-	ND (30340)	-	-	ND	-	ND (5.9)	-	-	ND (5.9)	-	-	ND (5.8)
o-Xylene	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Synthetic Organic Compounds (cancer)	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Synthetic Organic Compounds (non-cancer)	ug/Kg	-	-	ND (30340)	-	-	ND (5.9)	-	-	-	-	ND (5.9)	-	-	ND (5.8)	-	-
Tetrachloroethene	ug/Kg	18666.92	6000	-	-	ND (30340)	-	-	ND	-	ND (5.9)	-	-	ND (5.9)	-	-	ND (5.8)
Toluene	ug/Kg	1987470.14	1000000	-	-	ND (30340)	-	-	ND	-	ND (5.9)	-	-	ND (5.9)	-	-	ND (5.8)
Total VOCS	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
trans-1,2-Dichloroethene	ug/Kg	214152.32	1000000	-	-	ND (30340)	-	-	ND	-	ND (5.9)	-	-	ND (5.9)	-	-	ND (5.8)
trans-1,3-Dichloropropene	ug/Kg	-	-	-	-	ND (30340)	-	-	ND	-	ND (5.9)	-	-	ND (5.9)	-	-	ND (5.8)
Trichloroethene	ug/Kg	6116.22	54000	-	-	ND (30340)	-	-	ND	-	ND (5.9)	-	-	ND (5.9)	-	-	ND (5.8)
Vinyl chloride	ug/Kg	830	7000	-	-	ND (60680)	-	-	ND	-	ND (11.6)	-	-	ND (11.8)	-	-	ND (11.6)
Xylene (total)	ug/Kg	4453346.87	1000000	-	-	191700	-	-	ND	-	ND (5900)	-	-	ND (5900)	-	-	ND (5800)
Volatile TICS																	
2,3-dihydro-dimethyl-1H-Indene Isomer A	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,3-dihydro-dimethyl-1H-Indene Isomer B	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Acetone A	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C5H12O Alcohol A	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C6H14O Alcohol A	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C8H16 Cycloalkane A	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C8H16 Cycloalkane B	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C9H18 Cycloalkane A	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C9H18 Cycloalkane B	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C9H10 aromatic A	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C9H20 Alkane A	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C9H20 Alkane B	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C9H18 Hydrocarbon	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C9H16O Ketone A	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C10H12 aromatic A	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C10H14 aromatic A	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C10H14 Aromatic/coeluting hydrocarbon	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C10H16 Hydrocarbon A	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C10H16 Hydrocarbon B	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C10H20 Cycloalkane A	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C11H14 Aromatic/Unknown Alkane	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C11H16 Aromatic/coeluting hydrocarbon	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C11H24 Alkane A	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C11H24 Alkane/C10H14 Aromatic	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C12H16 Aromatic	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C12H26 Alkane	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C14H30 Alkane	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Decahydronaphthalene Isomer A	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dimethylnaphthalene A	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dimethylnaphthalene B	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ethyldimethylbenzene Isomer A	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Methylnaphthalene Isomer A	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Methylnaphthalene Isomer B	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Naphthalene A	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Naphthalene/C13H28 Alkane	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

TABLE 6.2

ANALYTICAL RESULTS SUM[illegible] OF DETECTED ANALYTES
HISTORIC - SOILS
LINDEN, NJ

Sample Location:				PE-06	PE-06	PE-06	PE-07	PE-07	PE-07	PE-07	PE-07	PE-01	PE-01	PE-01	PE-08	PE-08	PE-08
Sample ID:				89001-6006	89001-6006	89001-6006	89001-6007	89001-6007	89001-6007	89001-6013(DUP)	89001-6013(DUP)	89001-6001	89001-6001	89001-6001	89001-6008	89001-6008	89001-6008
Sample Date:				3/13/89	3/13/89	3/13/89	3/20/89	3/20/89	3/20/89	3/20/89	3/20/89	3/13/89	3/13/89	3/13/89	3/20/89	3/20/89	3/20/89
Analysis Date:				3/13/89	3/15/89	3/17/89	3/20/89	3/22/89	3/26/89	3/22/89	3/26/89	3/13/89	3/15/89	3/17/89	3/20/89	3/22/89	3/26/89
Sample Depth:										Duplicate	Duplicate						
Parameters	Units	EPA a	NJ b														
Propane, 2-methoxy-2-methyl	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tetrahydromethylnaphthalene isomer A	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trimethylbenzene Isomer A	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trimethylbenzene Isomer B	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown A	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown B	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown C	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown D	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown Hydrocarbon A	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown Hydrocarbon B	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown Hydrocarbon C	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total volatile TICS	ug/Kg			0	0	0	0	0	0	0	0	0	0	0	0	0	0

TABLE 6.2

ANALYTICAL RESULTS SUM[illegible] OF DETECTED ANALYTES
HISTORIC SOILS
LINDEN, NJ

Sample Location:				PE-09	PE-09	PE-09	PE-10	PE-10	PE-10	PE-11	PE-11	PE-11	SB-01	SB-01	SB-01	SB-01	SB-01	SB-02
Sample ID:				89001-6009	89001-6009	89001-6009	89001-6010	89001-6010	89001-6010	89001-6011	89001-6011	89001-6011	87085-6001	93089-6001	93011-6107	93089-6101	93089-6101	87005-6002
Sample Date:				3/20/89	3/20/89	3/20/89	3/20/89	3/20/89	3/20/89	3/20/89	3/20/89	3/20/89	10/5/93	12/7/94	4/18/96	10/7/96	10/7/96	10/5/93
Analysis Date:				3/20/89	3/22/89	3/26/89	3/20/89	3/22/89	3/26/89	3/20/89	3/22/89	3/26/89	10/5/93	12/7/94	4/18/96	10/7/96	10/20/96	10/5/93
Sample Depth:													(3-4)		(10.5-)	(11-13)	(11-13)	(3-4)
Parameters	Units	EPA a	NJ b															
Metals																		
Lead	mg/Kg	750	600	-	-	-	-	-	-	-	-	-	ND	ND (1.0)	-	-	-	ND
Petroleum Products																		
Total Petroleum Hydrocarbons	mg/Kg	-	-	-	98.0	-	-	258.0	-	-	160.0	-	-	-	-	-	-	-
Volatiles																		
1,1,1-Trichloroethane	ug/Kg	3215687.81	1000000	-	-	ND (5.8)	-	-	ND (5.6)	-	-	ND (5.9)	-	-	ND	-	ND (6.0)	-
1,1,2-Trichloroethane	ug/Kg	1901.54	420000	-	-	ND (5.8)	-	-	ND (5.6)	-	-	ND (5.9)	-	-	ND	-	ND (6.0)	-
1,1-Dichloroethane	ug/Kg	2061342.61	1000000	-	-	ND (5.8)	-	-	ND (5.6)	-	-	ND (5.9)	-	-	ND	-	ND (6.0)	-
1,1-Dichloroethene	ug/Kg	118.70	150000	-	-	ND (5.8)	-	-	ND (5.6)	-	-	ND (5.9)	-	-	ND	-	ND (6.0)	-
1,2-Dichlorobenzene	ug/Kg	3320151.02	10000000	-	-	-	-	-	-	-	-	-	-	-	ND	-	-	-
1,2-Dichloroethane	ug/Kg	764.81	24000	-	-	ND (5.8)	-	-	ND (5.6)	-	-	ND (5.9)	-	-	ND	-	ND (6.0)	-
1,3-Dichlorobenzene	ug/Kg	51755.44	10000000	-	-	-	-	-	-	-	-	-	-	-	ND	-	-	-
1,4-Dichlorobenzene	ug/Kg	8128.69	10000000	-	-	-	-	-	-	-	-	-	-	-	ND	-	-	-
2-Hexanone	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	ND	-	-	-
4-Methyl-2-pentanone	ug/Kg	2886852.93	1000000	-	-	-	-	-	-	-	-	-	-	-	ND	-	-	-
Acetone	ug/Kg	6219622.78	1000000	-	-	-	-	-	-	-	-	-	-	-	ND	-	-	-
Benzene	ug/Kg	1454.93	13000	-	-	ND (5.8)	-	-	ND (5.6)	-	-	ND (5.9)	-	-	ND	-	ND (6.0)	-
Bromodichloromethane	ug/Kg	2357.29	46000	-	-	ND (5.8)	-	-	ND (5.6)	-	-	ND (5.9)	-	-	ND	-	ND (6.0)	-
Bromoform	ug/Kg	312245.45	370000	-	-	ND (5.8)	-	-	ND (5.6)	-	-	ND (5.9)	-	-	ND	-	ND (6.0)	-
Carbon disulfide	ug/Kg	1208831.87	-	-	-	-	-	-	-	-	-	-	-	-	ND	-	-	-
Chlorobenzene	ug/Kg	542926.75	680000	-	-	ND (5.8)	-	-	ND (5.6)	-	-	ND (5.9)	-	-	ND	-	ND (6.0)	-
Chloroform (Trichloromethane)	ug/Kg	521.01	28000	-	-	ND (5.8)	-	-	ND (5.6)	-	-	ND (5.9)	-	-	ND	-	ND (6.0)	-
cis-1,2-Dichloroethene	ug/Kg	147355.84	1000000	-	-	-	-	-	-	-	-	-	-	-	-	-	ND (6.0)	-
Ethylbenzene	ug/Kg	5973247.27	1000000	-	-	ND (5.8)	-	-	ND (5.6)	-	-	ND (5.9)	-	-	ND	-	ND (6.0)	-
m&p-Xylene	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	ND	-	-	-
Methyl Tert Butyl Ether	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	ND	-	ND (6.0)	-
Methylene chloride	ug/Kg	20526.15	210000	-	-	ND (5.8)	-	-	ND (5.6)	-	-	ND (5.9)	-	-	ND	-	11 B	-
o-Xylene	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	ND	-	-	-
Synthetic Organic Compounds (cancer)	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	ND	-	-	-	-	ND
Synthetic Organic Compounds (non-cancer)	ug/Kg	-	-	ND (5.8)	-	-	ND (5.6)	-	-	ND (5.9)	-	-	ND	-	ND	ND (6)	-	ND
Tetrachloroethene	ug/Kg	18666.92	6000	-	-	ND (5.8)	-	-	ND (5.6)	-	-	ND (5.9)	-	-	ND	-	ND (6.0)	-
Toluene	ug/Kg	1987470.14	1000000	-	-	ND (5.8)	-	-	ND (5.6)	-	-	ND (5.9)	-	-	ND	-	ND (6.0)	-
Total VOCS	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	ND	-	-	-
trans-1,2-Dichloroethene	ug/Kg	214152.32	1000000	-	-	ND (5.8)	-	-	ND (5.6)	-	-	ND (5.9)	-	-	ND	-	ND (6.0)	-
trans-1,3-Dichloropropene	ug/Kg	-	-	-	-	ND (5.8)	-	-	ND (5.6)	-	-	ND (5.9)	-	-	ND	-	ND (6.0)	-
Trichloroethene	ug/Kg	6116.22	54000	-	-	ND (5.8)	-	-	ND (5.6)	-	-	ND (5.9)	-	-	ND	-	ND (6.0)	-
Vinyl chloride	ug/Kg	830	7000	-	-	ND (11.6)	-	-	ND (11.6)	-	-	ND (11.6)	-	-	ND	-	ND (6.0)	-
Xylene (total)	ug/Kg	4453346.87	1000000	-	-	ND (5800)	-	-	ND (5800)	-	-	ND (5900)	-	-	-	-	ND (6.0)	-
Volatile TIC'S																		
2,3-dihydro-dimethyl-1H-Indene Isomer A	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,3-dihydro-dimethyl-1H-Indene Isomer B	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Acetone A	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1400	-
C5H12O Alcohol A	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C6H14O Alcohol A	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C8H16 Cycloalkane A	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C8H16 Cycloalkane B	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C9H18 Cycloalkane A	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C9H18 Cycloalkane B	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C9H10 aromatic A	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C9H20 Alkane A	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C9H20 Alkane B	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C9H18 Hydrocarbon	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C9H18O Ketone A	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C10H12 aromatic A	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C10H14 aromatic A	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C10H14 Aromatic/coeluting hydrocarbon	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C10H16 Hydrocarbon A	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C10H16 Hydrocarbon B	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C10H20 Cycloalkane A	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C11H14 Aromatic/Unknown Alkane	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C11H16 Aromatic/coeluting hydrocarbon	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C11H24 Alkane A	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C11H24 Alkane/C10H14 Aromatic	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C12H16 Aromatic	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C12H26 Alkane	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C14H30 Alkane	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Decahydronaphthalene Isomer A	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dimethylnaphthalene A	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dimethylnaphthalene B	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ethyldimethylbenzene Isomer A	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Methylnaphthalene isomer A	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Methylnaphthalene Isomer B	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Naphthalene A	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Napthalene/C13H28 Alkane	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

ANALYTICAL RESULTS SUM[illegible] OF DETECTED ANALYTES
HISTORIC - SOILS
LINDEN, NJ

Sample Location:				PE-09	PE-09	PE-09	PE-10	PE-10	PE-10	PE-11	PE-11	PE-11	SB-01	SB-01	SB-01	SB-01	SB-01	SB-02
Sample ID:				89001-6009	89001-6009	89001-6009	89001-6010	89001-6010	89001-6010	89001-6011	89001-6011	89001-6011	87005-6001	93089-6001	93011-6107	93089-6101	93089-6101	87005-6002
Sample Date:				3/20/89	3/20/89	3/20/89	3/20/89	3/20/89	3/20/89	3/20/89	3/20/89	3/20/89	10/5/93	12/7/94	4/18/96	10/7/96	10/7/96	10/5/93
Analysis Date:				3/20/89	3/22/89	3/26/89	3/20/89	3/22/89	3/26/89	3/20/89	3/22/89	3/26/89	10/5/93	12/7/94	4/18/96	10/7/96	10/20/96	10/5/93
Sample Depth:													(3-4)		(10.5-)	(11-13)	(11-13)	(3-4)
Parameters	*Units*	*EPA*	*NJ*															
		a	b															
Propane, 2-methoxy-2-methyl	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tetrahydromethylnaphthalene isomer A	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trimethylbenzene Isomer A	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trimethylbenzene Isomer B	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown A	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown B	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown C	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown D	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown Hydrocarbon A	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown Hydrocarbon B	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown Hydrocarbon C	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total volatile TICS	ug/Kg			0	0	0	0	0	0	0	0	0	0	0	0	0	1400	0

TABLE 6.2

ANALYTICAL RESULTS SUMMARY OF DETECTED ANALYTES
HISTORIC - SOILS
LINDEN, NJ

Sample Location:				SB-02	SB-02	SB-02	SB-02	SB-03	SB-03	SB-03	SB-03	SB-03	SB-03	SB-03	SB-03	SB-04	SB-04
Sample ID:				93089-6002	93011-6106	93089-6102	93089-6102	87005-6003	87005-6003	93089-6103	93011-6108	93089-6103a	93089-6103a	93089-6103b	93089-6103b	93011-6003	93089-6104
Sample Date:				12/7/94	4/18/96	10/7/96	10/7/96	10/5/93	10/5/93	12/7/94	4/18/96	10/8/96	10/8/96	10/8/96	10/20/96	4/18/96	10/8/96
Analysis Date:				12/7/94	4/18/96	10/7/96	10/17/96	10/5/93	10/5/93	12/7/94	4/18/96	10/8/96	10/21/96	10/8/96	10/20/96	4/18/96	10/8/96
Sample Depth:					(10.5-)	(3-5)	(3-5)	(3-4)	(3-4) Duplicate		(10.5-)	(3-5)	(3-5)	(9-11)	(9-11)	(0-1)	(5-7)
Parameters	Units	EPA a	NJ b														
Metals																	
Lead	mg/Kg	750	600	ND (1.0)	-	-	-	ND	ND	13	-	-	-	-	-	-	-
Petroleum Products																	
Total Petroleum Hydrocarbons	mg/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Volatiles																	
1,1,1-Trichloroethane	ug/Kg	3215687.81	1000000	-	ND	-	ND (140)	-	-	-	ND	-	ND (1.4)	-	ND (1.2)	ND	-
1,1,2-Trichloroethane	ug/Kg	1901.54	420000	-	ND	-	ND (140)	-	-	-	ND	-	ND (1.4)	-	ND (1.2)	ND	-
1,1-Dichloroethane	ug/Kg	2061342.61	1000000	-	ND	-	ND (140)	-	-	-	ND	-	ND (1.4)	-	ND (1.2)	ND	-
1,1-Dichloroethene	ug/Kg	118.70	150000	-	ND	-	ND (140)	-	-	-	ND	-	ND (1.4)	-	ND (1.2)	ND	-
1,2-Dichlorobenzene	ug/Kg	3320151.02	10000000	-	ND	-	-	-	-	-	ND	-	-	-	-	ND	-
1,2-Dichloroethane	ug/Kg	764.81	24000	-	ND	-	ND (140)	-	-	-	ND	-	ND (1.4)	-	ND (1.2)	ND	-
1,3-Dichlorobenzene	ug/Kg	51755.44	10000000	-	ND	-	-	-	-	-	ND	-	-	-	-	ND	-
1,4-Dichlorobenzene	ug/Kg	8128.69	10000000	-	ND	-	-	-	-	-	ND	-	-	-	-	ND	-
2-Hexanone	ug/Kg	-	-	-	ND	-	-	-	-	-	ND	-	-	-	-	ND	-
4-Methyl-2-pentanone	ug/Kg	2886852.93	1000000	-	ND	-	-	-	-	-	ND	-	-	-	-	ND	-
Acetone	ug/Kg	6219622.78	1000000	-	ND	-	-	-	-	-	ND	-	-	-	-	ND	-
Benzene	ug/Kg	1454.93	13000	-	ND	-	ND (140)	-	-	-	ND	-	ND (1.4)	-	ND (1.2)	ND	-
Bromodichloromethane	ug/Kg	2357.29	46000	-	ND	-	ND (140)	-	-	-	ND	-	ND (1.4)	-	ND (1.2)	ND	-
Bromoform	ug/Kg	312245.45	370000	-	ND	-	ND (140)	-	-	-	ND	-	ND (1.4)	-	ND (1.2)	ND	-
Carbon disulfide	ug/Kg	1208831.87	-	-	ND	-	-	-	-	-	ND	-	-	-	-	ND	-
Chlorobenzene	ug/Kg	542926.75	680000	-	ND	-	ND (140)	-	-	-	ND	-	ND (1.4)	-	ND (1.2)	ND	-
Chloroform (Trichloromethane)	ug/Kg	521.01	28000	-	ND	-	ND (140)	-	-	-	ND	-	ND (1.4)	-	ND (1.2)	ND	-
cis-1,2-Dichloroethene	ug/Kg	147355.84	1000000	-	-	-	ND (140)	-	-	-	-	-	ND (1.4)	-	ND (1.2)	-	-
Ethylbenzene	ug/Kg	5973247.27	1000000	-	ND	-	ND (140)	-	-	-	ND	-	ND (1.4)	-	ND (1.2)	ND	-
m&p-Xylene	ug/Kg	-	-	-	ND	-	-	-	-	-	ND	-	-	-	-	ND	-
Methyl Tert Butyl Ether	ug/Kg	-	-	-	ND	-	ND (140)	-	-	-	ND	-	ND (1.4)	-	ND (1.2)	ND	-
Methylene chloride	ug/Kg	20526.15	210000	-	ND	-	ND (140)	-	-	-	ND	-	3.8 B	-	1.1 JB	ND	-
o-Xylene	ug/Kg	-	-	-	ND	-	-	-	-	-	ND	-	-	-	-	ND	-
Synthetic Organic Compounds (cancer)	ug/Kg	-	-	-	-	-	-	ND	-	-	-	-	-	-	-	-	-
Synthetic Organic Compounds (non-cancer)	ug/Kg	-	-	-	ND	20200	-	ND	-	-	ND	ND (1.4)	-	ND (1.2)	-	ND	ND (1.2)
Tetrachloroethene	ug/Kg	18666.92	6000	-	ND	-	ND (140)	-	-	-	ND	-	ND (1.4)	-	ND (1.2)	ND	-
Toluene	ug/Kg	1987470.14	1000000	-	ND	-	ND (140)	-	-	-	ND	-	3.8	-	ND (1.2)	ND	-
Total VOCS	ug/Kg	-	-	-	ND	-	-	-	-	-	ND	-	-	-	-	ND	-
trans-1,2-Dichloroethene	ug/Kg	214152.32	1000000	-	ND	-	ND (140)	-	-	-	ND	-	ND (1.4)	-	ND (1.2)	ND	-
trans-1,3-Dichloropropene	ug/Kg	-	-	-	ND	-	ND (140)	-	-	-	ND	-	ND (1.4)	-	ND (1.2)	ND	-
Trichloroethene	ug/Kg	6116.22	54000	-	ND	-	ND (140)	-	-	-	ND	-	ND (1.4)	-	ND (1.2)	ND	-
Vinyl chloride	ug/Kg	830	7000	-	ND	-	ND (140)	-	-	-	ND	-	ND (1.4)	-	ND (1.2)	ND	-
Xylene (total)	ug/Kg	4453346.87	1000000	-	-	-	ND (140)	-	-	-	-	-	3.1	-	ND (1.2)	-	-
Volatile TICS																	
2,3-dihydro-dimethyl-1H-Indene Isomer A	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,3-dihydro-dimethyl-1H-Indene Isomer B	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Acetone A	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	8.5	-	69	-	-
C5H12O Alcohol A	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C6H14O Alcohol A	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C8H16 Cycloalkane A	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C8H16 Cycloalkane B	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C9H18 Cycloalkane A	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C9H18 Cycloalkane B	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C9H10 aromatic A	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C9H20 Alkane A	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C9H20 Alkane B	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C9H18 Hydrocarbon	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C9H16O Ketone A	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C10H12 aromatic A	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C10H14 aromatic A	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C10H14 Aromatic/coeluting hydrocarbon	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C10H16 Hydrocarbon A	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C10H16 Hydrocarbon B	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C10H20 Cycloalkane A	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C11H14 Aromatic/Unknown Alkane	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C11H16 Aromatic/coeluting hydrocarbon	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C11H24 Alkane A	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C11H24 Alkane/C10H14 Aromatic	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C12H16 Aromatic	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C12H26 Alkane	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C14H30 Alkane	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Decahydronaphthalene Isomer A	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dimethylnaphthalene A	ug/Kg	-	-	-	-	-	1400	-	-	-	-	-	-	-	-	-	-
Dimethylnaphthalene B	ug/Kg	-	-	-	-	-	2200	-	-	-	-	-	-	-	-	-	-
Ethyldimethylbenzene Isomer A	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Methylnaphthalene isomer A	ug/Kg	-	-	-	-	-	3900	-	-	-	-	-	-	-	-	-	-
Methylnaphthalene Isomer B	ug/Kg	-	-	-	-	-	2600	-	-	-	-	-	-	-	-	-	-
Naphthalene A	ug/Kg	-	-	-	-	-	6200	-	-	-	-	-	17	-	-	-	-
Naphthalene/C13H28 Alkane	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

TABLE 2

ANALYTICAL RESULTS SUMMARY OF DETECTED ANALYTES
HISTORIC - SOILS
LINDEN, NJ

Sample Location:				*SB-02*	*SB-02*	*SB-02*	*SB-02*	*SB-03*	*SB-03*	*SB-03*	*SB-03*	*SB-03*	*SB-03*	*SB-03*	*SB-03*	*SB-04*	*SB-04*
Sample ID:				*93089-6002*	*93011-6106*	*93089-6102*	*93089-6102*	*87005-6003*	*87005-6003*	*93089-6003*	*93011-6108*	*93089-6103a*	*93089-6103a*	*93089-6103b*	*93089-6103b*	*93011-6003*	*93089-6104*
Sample Date:				*12/7/94*	*4/18/96*	*10/7/96*	*10/7/96*	*10/5/93*	*10/5/93*	*12/7/94*	*4/18/96*	*10/8/96*	*10/8/96*	*10/8/96*	*10/8/96*	*4/18/96*	*10/8/96*
Analysis Date:				*12/7/94*	*4/18/96*	*10/7/96*	*10/17/96*	*10/5/93*	*10/5/93*	*12/7/94*	*4/18/96*	*10/8/96*	*10/21/96*	*10/8/96*	*10/20/96*	*4/18/96*	*10/8/96*
Sample Depth:					*(10.5-)*	*(3-5)*	*(3-5)*	*(3-4)*	*(3-4)*		*(10.5-)*	*(3-5)*	*(3-5)*	*(9-11)*	*(9-11)*	*(0-1)*	*(5-7)*
									Duplicate								
Parameters	*Units*	*EPA*	*NJ*														
		a	b														
Propane, 2-methoxy-2-methyl	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tetrahydromethylnaphthalene Isomer A	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trimethylbenzene Isomer A	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trimethylbenzene Isomer B	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown A	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown B	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown C	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown D	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown Hydrocarbon A	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown Hydrocarbon B	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown Hydrocarbon C	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total volatile TICS	ug/Kg			0	0	0	16300	0	0	0	0	0	25.5	0	69	0	0

TABLE 6.2

ANALYTICAL RESULTS SUM[illegible] OF DETECTED ANALYTES
HISTORIC SOILS
LINDEN, NJ

Sample Location:				SB-04	SB-05	SB-05	SB-05	SB-05	SB-06	SB-06	SB-07	SB-07	SB-08	SB-08	SB-08	SB-08	SB-09
Sample ID:				93089-6104	93089-6005	93011-6005	93089-6105	93089-6105	93089-6106	93089-6106	93089-6107	93089-6107	93089-6108a	93089-6108a	93089-6108b	93089-6108b	93089-6109
Sample Date:				10/8/96	12/7/93	4/18/96	10/9/96	10/9/96	10/9/96	10/9/96	10/9/96	10/9/96	10/9/96	10/9/96	10/9/96	10/9/96	10/9/96
Analysis Date:				10/20/96	12/7/93	4/18/96	10/9/96	10/18/96	10/9/96	10/22/96	10/9/96	10/21/96	10/9/96	10/18/96	10/9/96	10/21/96	10/9/96
Sample Depth:				(5-7)		(0-1)	(3-5)	(3-5)	(7-9)	(7-9)	(29-31)	(29-31)	(5-7)	(5-7)	(27-29)	(27-29)	(7-9)
Parameters	Units	EPA a	NJ b														
Metals																	
Lead	mg/Kg	750	600	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Petroleum Products																	
Total Petroleum Hydrocarbons	mg/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Volatiles																	
1,1,1-Trichloroethane	ug/Kg	3215687.81	1000000	ND (1.2)	ND (6)	ND	-	ND (160)	-	ND (1.2)	-	ND (1.2)	-	ND (160)	-	ND (1.2)	-
1,1,2-Trichloroethane	ug/Kg	1901.54	420000	ND (1.2)	ND (4)	ND	-	ND (160)	-	ND (1.2)	-	ND (1.2)	-	ND (160)	-	ND (1.2)	-
1,1-Dichloroethane	ug/Kg	2061342.61	1000000	ND (1.2)	ND (6)	ND	-	ND (160)	-	ND (1.2)	-	ND (1.2)	-	ND (160)	-	ND (1.2)	-
1,1-Dichloroethene	ug/Kg	118.70	150000	ND (1.2)	ND (2)	ND	-	ND (160)	-	ND (1.2)	-	ND (1.2)	-	ND (160)	-	ND (1.2)	-
1,2-Dichlorobenzene	ug/Kg	3320151.02	10000000	-	ND (6)	ND	-	-	-	-	-	-	-	-	-	-	-
1,2-Dichloroethane	ug/Kg	764.81	24000	ND (1.2)	ND (2)	ND	-	ND (160)	-	ND (1.2)	-	ND (1.2)	-	ND (160)	-	ND (1.2)	-
1,3-Dichlorobenzene	ug/Kg	51755.44	10000000	-	ND (6)	ND	-	-	-	-	-	-	-	-	-	-	-
1,4-Dichlorobenzene	ug/Kg	8128.69	10000000	-	ND (6)	ND	-	-	-	-	-	-	-	-	-	-	-
2-Hexanone	ug/Kg	-	-	-	ND (24)	ND	-	-	-	-	-	-	-	-	-	-	-
4-Methyl-2-pentanone	ug/Kg	2886852.93	1000000	-	ND (30)	ND	-	-	-	-	-	-	-	-	-	-	-
Acetone	ug/Kg	6219622.78	1000000	-	ND (24)	ND	-	-	-	-	-	-	-	-	-	-	-
Benzene	ug/Kg	1454.93	13000	1.6	ND (1)	ND	-	ND (160)	-	ND (1.2)	-	ND (1.2)	-	ND (160)	-	ND (1.2)	-
Bromodichloromethane	ug/Kg	2357.29	46000	ND (1.2)	-	ND	-	ND (160)	-	ND (1.2)	-	ND (1.2)	-	ND (160)	-	ND (1.2)	-
Bromoform	ug/Kg	312245.45	370000	ND (1.2)	ND (5)	ND	-	ND (160)	-	ND (1.2)	-	ND (1.2)	-	ND (160)	-	ND (1.2)	-
Carbon disulfide	ug/Kg	1208831.87	-	-	ND (6)	ND	-	-	-	-	-	-	-	-	-	-	-
Chlorobenzene	ug/Kg	542926.75	680000	ND (1.2)	ND (5)	ND	-	ND (160)	-	ND (1.2)	-	ND (1.2)	-	ND (160)	-	ND (1.2)	-
Chloroform (Trichloromethane)	ug/Kg	521.01	28000	ND (1.2)	ND (6)	ND	-	ND (160)	-	ND (1.2)	-	ND (1.2)	-	ND (160)	-	ND (1.2)	-
cis-1,2-Dichloroethene	ug/Kg	147355.84	1000000	ND (1.2)	-	-	-	ND (160)	-	ND (1.2)	-	ND (1.2)	-	ND (160)	-	ND (1.2)	-
Ethylbenzene	ug/Kg	5973247.27	1000000	ND (1.2)	ND (6)	ND	-	ND (160)	-	ND (1.2)	-	ND (1.2)	-	ND (160)	-	ND (1.2)	-
m&p-Xylene	ug/Kg	-	-	-	ND (6)	ND	-	-	-	-	-	-	-	-	-	-	-
Methyl Tert Butyl Ether	ug/Kg	-	-	ND (1.2)	ND (6)	ND	-	-	-	-	-	-	-	-	-	-	-
Methylene chloride	ug/Kg	20526.15	210000	1.6 B	2 J	ND	-	ND (160)	-	1.5 B	-	4.8 B	-	ND (160)	-	5.3 B	-
o-Xylene	ug/Kg	-	-	-	ND (6)	ND	-	-	-	-	-	-	-	-	-	-	-
Synthetic Organic Compounds (cancer)	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Synthetic Organic Compounds (non-cancer)	ug/Kg	-	-	-	ND (20)	ND	ND (160)	-	ND (1.2)	-	ND (1.2)	-	12600	-	ND (1.2)	-	ND (1.2)
Tetrachloroethene	ug/Kg	18666.92	6000	ND (1.2)	ND (1)	ND	-	ND (160)	-	ND (1.2)	-	ND (1.2)	-	ND (160)	-	ND (1.2)	-
Toluene	ug/Kg	1987470.14	1000000	2.3	ND (6)	ND	-	ND (160)	-	ND (1.2)	-	ND (1.2)	-	ND (160)	-	ND (1.2)	-
Total VOCS	ug/Kg	-	-	-	2	ND	-	-	-	-	-	-	-	-	-	-	-
trans-1,2-Dichloroethene	ug/Kg	214152.32	1000000	ND (1.2)	ND (6)	ND	-	ND (160)	-	ND (1.2)	-	ND (1.2)	-	ND (160)	-	ND (1.2)	-
trans-1,3-Dichloropropene	ug/Kg	-	-	ND (1.2)	ND (6)	ND	-	ND (160)	-	ND (1.2)	-	ND (1.2)	-	ND (160)	-	ND (1.2)	-
Trichloroethene	ug/Kg	6116.22	54000	ND (1.2)	ND (1)	ND	-	ND (160)	-	ND (1.2)	-	ND (1.2)	-	ND (160)	-	ND (1.2)	-
Vinyl chloride	ug/Kg	830	7000	ND (1.2)	ND (6)	ND	-	ND (160)	-	ND (1.2)	-	ND (1.2)	-	ND (160)	-	ND (1.2)	-
Xylene (total)	ug/Kg	4453346.87	1000000	1.8	-	-	-	ND (160)	-	ND (1.2)	-	ND (1.2)	-	80 J	-	ND (1.2)	-
Volatile TIC'S																	
2,3-dihydro-dimethyl-1H-Indene Isomer A	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,3-dihydro-dimethyl-1H-Indene Isomer B	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Acetone A	ug/Kg	-	-	25	-	-	-	-	-	61	-	53	-	-	-	970	-
C5H12O Alcohol A	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C6H14O Alcohol A	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C8H16 Cycloalkane A	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	4000	-	-	-
C8H16 Cycloalkane B	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	14000	-	-	-
C9H18 Cycloalkane A	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	4700	-	-	-
C9H18 Cycloalkane B	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	3400	-	-	-
C9H10 aromatic A	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C9H20 Alkane A	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	2500	-	-	-
C9H20 Alkane B	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	5700	-	-	-
C9H18 Hydrocarbon	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	4100	-	-	-
C9H18O Ketone A	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C10H12 aromatic A	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C10H14 aromatic A	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C10H14 Aromatic/coeluting hydrocarbon	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C10H16 Hydrocarbon A	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C10H16 Hydrocarbon B	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C10H20 Cycloalkane A	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C11H14 Aromatic/Unknown Alkane	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C11H16 Aromatic/coeluting hydrocarbon	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C11H24 Alkane A	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C11H24 Alkane/C10H14 Aromatic	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C12H16 Aromatic	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C12H26 Alkane	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C14H30 Alkane	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Decahydronaphthalene Isomer A	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dimethylnaphthalene A	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dimethylnaphthalene B	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ethyldimethylbenzene Isomer A	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Methylnaphthalene Isomer A	ug/Kg	-	-	-	-	-	-	1400	-	-	-	-	-	-	-	-	-
Methylnaphthalene Isomer B	ug/Kg	-	-	-	-	-	-	800	-	-	-	-	-	-	-	-	-
Naphthalene A	ug/Kg	-	-	-	-	-	-	5500	-	-	-	-	-	-	-	-	-
Napthalene/C13H28 Alkane	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

TABLE 6.2

ANALYTICAL RESULTS SUMMARY OF DETECTED ANALYTES
HISTORIC SOILS
LINDEN, NJ

Sample Location:				*SB-04*	*SB-05*	*SB-05*	*SB-05*	*SB-05*	*SB-06*	*SB-06*	*SB-07*	*SB-07*	*SB-08*	*SB-08*	*SB-08*	*SB-08*	*SB-09*
Sample ID:				*93089-6104*	*93089-6005*	*93011-6005*	*93089-6105*	*93089-6105*	*93089-6106*	*93089-6106*	*93089-6107*	*93089-6107*	*93089-6108a*	*93089-6108a*	*93089-6108b*	*93089-6108b*	*93089-6109*
Sample Date:				*10/8/96*	*12/7/93*	*4/18/96*	*10/9/96*	*10/9/96*	*10/9/96*	*10/9/96*	*10/9/96*	*10/9/96*	*10/9/96*	*10/9/96*	*10/9/96*	*10/9/96*	*10/9/96*
Analysis Date:				*10/20/96*	*12/7/93*	*4/18/96*	*10/9/96*	*10/18/96*	*10/9/96*	*10/22/96*	*10/9/96*	*10/21/96*	*10/9/96*	*10/18/96*	*10/9/96*	*10/21/96*	*10/9/96*
Sample Depth:				*(5-7)*		*(0-1)*	*(3-5)*	*(3-5)*	*(7-9)*	*(7-9)*	*(29-31)*	*(29-31)*	*(5-7)*	*(5-7)*	*(27-29)*	*(27-29)*	*(7-9)*
Parameters	*Units*	*EPA* a	*NJ* b														
Propane, 2-methoxy-2-methyl	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tetrahydromethylnaphthalene isomer A	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trimethylbenzene Isomer A	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trimethylbenzene Isomer B	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown A	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown B	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown C	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown D	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown Hydrocarbon A	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	7000	-	-	-
Unknown Hydrocarbon B	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	3200	-	-	-
Unknown Hydrocarbon C	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	2400	-	-	-
Total volatile TICS	ug/Kg			25	0	0	0	7700	0	61	0	53	0	51000	0	970	0

TABLE 6.2

ANALYTICAL RESULTS SUM[illegible] OF DETECTED ANALYTES
HISTC[illegible] OILS
LINDEN, NJ

Sample Location:				*SB-09*	*SB-10*	*SB-10*	*SB-10*	*SB-12*	*SB-12*	*SB-13*	*SB-13*	*SB-13*	*SB-13*	*SB-16*	*SB-16*	*SB-17*	*SB-17*
Sample ID:				*93089-6109*	*93089-6110a*	*93089-6110a*	*93089-6110b*	*93089-6112*	*93089-6112*	*93089-6113a*	*93089-6113a*	*93089-6113b*	*93089-6113b*	*93089-6116*	*93089-6116*	*93089-6117*	*93089-6117*
Sample Date:				*10/9/96*	*10/9/96*	*10/9/96*	*10/9/96*	*10/10/96*	*10/10/96*	*10/10/96*	*10/10/96*	*10/10/96*	*10/10/96*	*10/11/96*	*10/11/96*	*10/11/96*	*10/11/96*
Analysis Date:				*10/22/96*	*10/9/96*	*10/22/96*	*10/22/96*	*10/10/96*	*10/20/96*	*10/10/96*	*10/23/96*	*10/10/96*	*10/23/96*	*10/11/96*	*10/23/96*	*10/11/96*	*10/23/96*
Sample Depth:				*(7-9)*	*(15-17)*	*(15-17)*	*(19-21)*	*(6-8)*	*(6-8)*	*(8-10)*	*(8-10)*	*(14-16)*	*(14-16)*	*(6-8)*	*(6-8)*	*(7-9)*	*(7-9)*
Parameters	*Units*	*EPA* a	*NJ* b														
Metals																	
Lead	mg/Kg	750	600	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Petroleum Products																	
Total Petroleum Hydrocarbons	mg/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Volatiles																	
1,1,1-Trichloroethane	ug/Kg	3215687.81	1000000	ND (1.2)	-	ND (1.2)	-	-	ND (160)	-	ND (1.2)	-	ND (1.2)	-	ND (1.1)	-	ND (2.5)
1,1,2-Trichloroethane	ug/Kg	1901.54	420000	ND (1.2)	-	ND (1.2)	-	-	ND (160)	-	ND (1.2)	-	ND (1.2)	-	ND (1.1)	-	ND (2.5)
1,1-Dichloroethane	ug/Kg	2061342.61	1000000	ND (1.2)	-	ND (1.2)	-	-	ND (160)	-	ND (1.2)	-	ND (1.2)	-	ND (1.1)	-	ND (2.5)
1,1-Dichloroethene	ug/Kg	118.70	150000	ND (1.2)	-	ND (1.2)	-	-	ND (160)	-	ND (1.2)	-	ND (1.2)	-	ND (1.1)	-	ND (2.5)
1,2-Dichlorobenzene	ug/Kg	3320151.02	10000000	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2-Dichloroethane	ug/Kg	764.81	24000	ND (1.2)	-	ND (1.2)	-	-	ND (160)	-	ND (1.2)	-	ND (1.2)	-	ND (1.1)	-	ND (2.5)
1,3-Dichlorobenzene	ug/Kg	51755.44	10000000	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,4-Dichlorobenzene	ug/Kg	8128.69	10000000	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Hexanone	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Methyl-2-pentanone	ug/Kg	2886852.93	1000000	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Acetone	ug/Kg	6219622.78	1000000	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene	ug/Kg	1454.93	13000	ND (1.2)	-	ND (1.2)	-	-	ND (160)	-	ND (1.2)	-	ND (1.2)	-	ND (1.1)	-	4.0
Bromodichloromethane	ug/Kg	2357.29	46000	ND (1.2)	-	ND (1.2)	-	-	ND (160)	-	ND (1.2)	-	ND (1.2)	-	ND (1.1)	-	ND (2.5)
Bromoform	ug/Kg	312245.45	370000	ND (1.2)	-	ND (1.2)	-	-	ND (160)	-	ND (1.2)	-	ND (1.2)	-	ND (1.1)	-	ND (2.5)
Carbon disulfide	ug/Kg	1208831.87	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chlorobenzene	ug/Kg	542926.75	680000	ND (1.2)	-	ND (1.2)	-	-	ND (160)	-	ND (1.2)	-	ND (1.2)	-	ND (1.1)	-	ND (2.5)
Chloroform (Trichloromethane)	ug/Kg	521.01	28000	ND (1.2)	-	ND (1.2)	-	-	ND (160)	-	ND (1.2)	-	ND (1.2)	-	ND (1.1)	-	ND (2.5)
cis-1,2-Dichloroethene	ug/Kg	147355.84	1000000	ND (1.2)	-	ND (1.2)	-	-	ND (160)	-	ND (1.2)	-	ND (1.2)	-	ND (1.1)	-	9.2
Ethylbenzene	ug/Kg	5973247.27	1000000	ND (1.2)	-	ND (1.2)	-	-	ND (160)	-	ND (1.2)	-	ND (1.2)	-	ND (1.1)	-	71
m&p-Xylene	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Methyl Tert Butyl Ether	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Methylene chloride	ug/Kg	20526.15	210000	ND (1.2)	-	0.9 JB	-	-	ND (160)	-	2.6 B	-	2.5 B	-	6.4	-	7.3 B
o-Xylene	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Synthetic Organic Compounds (cancer)	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Synthetic Organic Compounds (non-cancer)	ug/Kg	-	-	-	10	-	-	124000	-	ND (1.2)	-	ND (1.2)	-	ND (1.1)	-	10	-
Tetrachloroethene	ug/Kg	18666.92	6000	ND (1.2)	-	ND (1.2)	-	-	ND (160)	-	ND (1.2)	-	ND (1.2)	-	ND (1.1)	-	ND (2.5)
Toluene	ug/Kg	1987470.14	1000000	ND (1.2)	-	ND (1.2)	-	-	ND (160)	-	ND (1.2)	-	ND (1.2)	-	ND (1.1)	-	33
Total VOCS	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
trans-1,2-Dichloroethene	ug/Kg	214152.32	1000000	ND (1.2)	-	ND (1.2)	-	-	ND (160)	-	ND (1.2)	-	ND (1.2)	-	ND (1.1)	-	ND (2.5)
trans-1,3-Dichloropropene	ug/Kg	-	-	ND (1.2)	-	ND (1.2)	-	-	ND (160)	-	ND (1.2)	-	ND (1.2)	-	ND (1.1)	-	ND (2.5)
Trichloroethene	ug/Kg	6116.22	54000	ND (1.2)	-	ND (1.2)	-	-	ND (160)	-	ND (1.2)	-	ND (1.2)	-	ND (1.1)	-	ND (2.5)
Vinyl chloride	ug/Kg	830	7000	ND (1.2)	-	ND (1.2)	-	-	ND (160)	-	ND (1.2)	-	ND (1.2)	-	ND (1.1)	-	ND (2.5)
Xylene (total)	ug/Kg	4453346.87	1000000	ND (1.2)	-	ND (1.2)	-	-	ND (160)	-	ND (1.2)	-	ND (1.2)	-	ND (1.1)	-	320
Volatile TICS																	
2,3-dihydro-dimethyl-1H-Indene Isomer A	ug/Kg	-	-	-	-	-	-	-	46000	-	-	-	-	-	-	-	-
2,3-dihydro-dimethyl-1H-Indene Isomer B	ug/Kg	-	-	-	-	-	-	-	48000	-	-	-	-	-	-	-	-
Acetone A	ug/Kg	-	-	14	-	610	640	-	-	-	-	-	-	-	-	-	15
C5H12O Alcohol A	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C6H14O Alcohol A	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C8H16 Cycloalkane A	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C8H16 Cycloalkane B	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C9H18 Cycloalkane A	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C9H18 Cycloalkane B	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C9H10 aromatic A	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	17
C9H20 Alkane A	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C9H18 Hydrocarbon	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C9H18O Ketone A	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	58
C10H12 aromatic A	ug/Kg	-	-	-	-	17	-	-	51000	-	-	-	-	-	-	-	-
C10H14 aromatic A	ug/Kg	-	-	-	-	-	-	-	73000	-	-	-	-	-	-	-	-
C10H14 Aromatic/coeluting hydrocarbon	ug/Kg	-	-	-	-	-	-	-	58000	-	-	-	-	-	-	-	-
C10H16 Hydrocarbon A	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C10H16 Hydrocarbon B	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C10H20 Cycloalkane A	ug/Kg	-	-	-	-	-	-	-	51000	-	-	-	-	-	-	-	-
C11H14 Aromatic/Unknown Alkane	ug/Kg	-	-	-	-	11	-	-	-	-	-	-	-	-	-	-	-
C11H16 Aromatic/coeluting hydrocarbon	ug/Kg	-	-	-	-	-	-	-	37000	-	-	-	-	-	-	-	-
C11H24 Alkane A	ug/Kg	-	-	-	-	-	-	-	36000	-	-	-	-	-	-	-	-
C11H24 Alkane/C10H14 Aromatic	ug/Kg	-	-	-	-	16	-	-	-	-	-	-	-	-	-	-	-
C12H16 Aromatic	ug/Kg	-	-	-	-	11	-	-	48000	-	-	-	-	-	-	-	-
C12H26 Alkane	ug/Kg	-	-	-	-	18	-	-	-	-	-	-	-	-	-	-	-
C14H30 Alkane	ug/Kg	-	-	-	-	14	-	-	-	-	-	-	-	-	-	-	-
Decahydronaphthalene Isomer A	ug/Kg	-	-	-	-	-	-	-	66000	-	-	-	-	-	-	-	-
Dimethylnaphthalene A	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dimethylnaphthalene B	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ethyldimethylbenzene Isomer A	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	50
Methylnaphthalene isomer A	ug/Kg	-	-	-	-	12	-	-	-	-	-	-	-	-	-	-	-
Methylnaphthalene Isomer B	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Naphthalene A	ug/Kg	-	-	6.2	-	-	-	-	-	-	-	-	-	-	-	-	19
Napthalene/C13H28 Alkane	ug/Kg	-	-	-	-	23	-	-	-	-	-	-	-	-	-	-	-

TABLE 2

ANALYTICAL RESULTS SUM OF DETECTED ANALYTES
HISTORIC - SOILS
LINDEN, NJ

Sample Location:				SB-09	SB-10	SB-10	SB-10	SB-12	SB-12	SB-13	SB-13	SB-13	SB-13	SB-16	SB-16	SB-17	SB-17
Sample ID:				93089-6109	93089-6110a	93089-6110a	93089-6110b	93089-6112	93089-6112	93089-6113a	93089-6113a	93089-6113b	93089-6113b	93089-6116	93089-6116	93089-6117	93089-6117
Sample Date:				10/9/96	10/9/96	10/9/96	10/9/96	10/10/96	10/10/96	10/10/96	10/10/96	10/10/96	10/10/96	10/11/96	10/11/96	10/11/96	10/11/96
Analysis Date:				10/22/96	10/9/96	10/22/96	10/22/96	10/10/96	10/20/96	10/10/96	10/23/96	10/10/96	10/23/96	10/11/96	10/23/96	10/11/96	10/23/96
Sample Depth:				(7-9)	(15-17)	(15-17)	(19-21)	(6-8)	(6-8)	(8-10)	(8-10)	(14-16)	(14-16)	(6-8)	(6-8)	(7-9)	(7-9)
Parameters	*Units*	*EPA*	*NJ*														
		a	b														
Propane, 2-methoxy-2-methyl	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tetrahydromethylnaphthalene isomer A	ug/Kg	-	-	-	-	19	-	-	-	-	-	-	-	-	-	-	-
Trimethylbenzene Isomer A	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trimethylbenzene Isomer B	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	56
Unknown A	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	25
Unknown B	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown C	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown D	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown Hydrocarbon A	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown Hydrocarbon B	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown Hydrocarbon C	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total volatile TICS	ug/Kg			20.2	0	751	640	0	514000	0	0	0	0	0	0	0	240

Notes:

J	Estimated value
B	< CRDL but >= Insti
ND	Non-detect at associ

q204a AC-All data-SO-35-CBrw17371.xls
2002-05-02

TABLE 6.2

ANALYTICAL RESULTS SUMMARY OF DETECTED ANALYTES
HISTORIC SOILS
LINDEN, NJ

Sample Location:				SB-18	SB-18	SB-18	SB-18	SB-23	SB-23
Sample ID:				93089-6118a	93089-6118a	93089-6118b	93089-6118b	93089-6123	93089-6123
Sample Date:				10/11/96	10/11/96	10/11/96	10/11/96	10/15/96	10/15/96
Analysis Date:				10/11/96	10/24/96	10/11/96	10/23/96	10/15/96	10/25/96
Sample Depth:				(9-11)	(9-11)	(11-13)	(11-13)	(6-8)	(6-8)
Parameters	**Units**	**EPA a**	**NJ b**						
Metals									
Lead	mg/Kg	750	600	-	-	-	-	-	-
Petroleum Products									
Total Petroleum Hydrocarbons	mg/Kg	-	-	-	-	-	-	-	-
Volatiles									
1,1,1-Trichloroethane	ug/Kg	3215687.81	1000000	-	ND (1.2)	-	ND (1.3)	-	ND (1.2)
1,1,2-Trichloroethane	ug/Kg	1901.54	420000	-	ND (1.2)	-	ND (1.3)	-	ND (1.2)
1,1-Dichloroethane	ug/Kg	2061342.61	1000000	-	ND (1.2)	-	ND (1.3)	-	ND (1.2)
1,1-Dichloroethene	ug/Kg	118.70	150000	-	ND (1.2)	-	ND (1.3)	-	ND (1.2)
1,2-Dichlorobenzene	ug/Kg	3320151.02	10000000	-	-	-	-	-	-
1,2-Dichloroethane	ug/Kg	764.81	24000	-	ND (1.2)	-	ND (1.3)	-	ND (1.2)
1,3-Dichlorobenzene	ug/Kg	51795.44	10000000	-	-	-	-	-	-
1,4-Dichlorobenzene	ug/Kg	8128.69	10000000	-	-	-	-	-	-
2-Hexanone	ug/Kg	-	-	-	-	-	-	-	-
4-Methyl-2-pentanone	ug/Kg	2886852.93	1000000	-	-	-	-	-	-
Acetone	ug/Kg	6219622.78	1000000	-	-	-	-	-	-
Benzene	ug/Kg	1454.93	13000	-	0.8 J	-	9.2	-	ND (1.2)
Bromodichloromethane	ug/Kg	2357.29	46000	-	ND (1.2)	-	ND (1.3)	-	ND (1.2)
Bromoform	ug/Kg	312245.45	370000	-	ND (1.2)	-	ND (1.3)	-	ND (1.2)
Carbon disulfide	ug/Kg	1208831.87	-	-	-	-	-	-	-
Chlorobenzene	ug/Kg	542926.75	680000	-	ND (1.2)	-	ND (1.3)	-	ND (1.2)
Chloroform (Trichloromethane)	ug/Kg	521.01	28000	-	ND (1.2)	-	ND (1.3)	-	ND (1.2)
cis-1,2-Dichloroethene	ug/Kg	147355.84	1000000	-	ND (1.2)	-	ND (1.3)	-	ND (1.2)
Ethylbenzene	ug/Kg	5973247.27	1000000	-	ND (1.2)	-	4.0	-	ND (1.2)
m&p-Xylene	ug/Kg	-	-	-	-	-	-	-	-
Methyl Tert Butyl Ether	ug/Kg	-	-	-	-	-	-	-	-
Methylene chloride	ug/Kg	20526.15	210000	-	3.0 B	-	4.8 B	-	2.7 B
o-Xylene	ug/Kg	-	-	-	-	-	-	-	-
Synthetic Organic Compounds (cancer)	ug/Kg	-	-	-	-	-	-	-	-
Synthetic Organic Compounds (non-cancer)	ug/Kg	-	-	ND (1.2)	-	ND (1.3)	-	ND (1.2)	-
Tetrachloroethene	ug/Kg	18666.92	6000	-	ND (1.2)	-	ND (1.3)	-	ND (1.2)
Toluene	ug/Kg	1987470.14	1000000	-	0.9 J	-	2.6	-	ND (1.2)
Total VOCS	ug/Kg	-	-	-	-	-	-	-	2.7
trans-1,2-Dichloroethene	ug/Kg	214152.32	1000000	-	ND (1.2)	-	ND (1.3)	-	ND (1.2)
trans-1,3-Dichloropropene	ug/Kg	-	-	-	ND (1.2)	-	ND (1.3)	-	ND (1.2)
Trichloroethene	ug/Kg	6116.22	54000	-	ND (1.2)	-	ND (1.3)	-	ND (1.2)
Vinyl chloride	ug/Kg	830	7000	-	ND (1.2)	-	ND (1.3)	-	ND (1.2)
Xylene (total)	ug/Kg	4453346.87	1000000	-	ND (1.2)	-	7.8	-	ND (1.2)
Volatile TICS									
2,3-dihydro-dimethyl-1H-Indene Isomer A	ug/Kg	-	-	-	-	-	-	-	-
2,3-dihydro-dimethyl-1H-Indene Isomer B	ug/Kg	-	-	-	-	-	-	-	-
Acetone A	ug/Kg	-	-	-	7.0	-	9.2	-	-
C5H12O Alcohol A	ug/Kg	-	-	-	6.6	-	-	-	-
C6H14O Alcohol A	ug/Kg	-	-	-	6.9	-	-	-	-
C8H16 Cycloalkane A	ug/Kg	-	-	-	-	-	-	-	-
C8H16 Cycloalkane B	ug/Kg	-	-	-	-	-	-	-	-
C9H18 Cycloalkane A	ug/Kg	-	-	-	-	-	-	-	-
C9H18 Cycloalkane B	ug/Kg	-	-	-	-	-	-	-	-
C9H10 aromatic A	ug/Kg	-	-	-	-	-	-	-	-
C9H20 Alkane A	ug/Kg	-	-	-	-	-	-	-	-
C9H20 Alkane B	ug/Kg	-	-	-	-	-	-	-	-
C9H18 Hydrocarbon	ug/Kg	-	-	-	-	-	-	-	-
C9H18O Ketone A	ug/Kg	-	-	-	-	-	-	-	-
C10H12 aromatic A	ug/Kg	-	-	-	-	-	-	-	-
C10H14 aromatic A	ug/Kg	-	-	-	-	-	-	-	-
C10H14 Aromatic/coeluting hydrocarbon	ug/Kg	-	-	-	-	-	-	-	-
C10H16 Hydrocarbon A	ug/Kg	-	-	-	-	-	-	-	-
C10H16 Hydrocarbon B	ug/Kg	-	-	-	-	-	-	-	-
C10H20 Cycloalkane A	ug/Kg	-	-	-	-	-	-	-	-
C11H14 Aromatic/Unknown Alkane	ug/Kg	-	-	-	-	-	-	-	-
C11H16 Aromatic/coeluting hydrocarbon	ug/Kg	-	-	-	-	-	-	-	-
C11H24 Alkane A	ug/Kg	-	-	-	-	-	-	-	-
C11H24 Alkane/C10H14 Aromatic	ug/Kg	-	-	-	-	-	-	-	-
C12H16 Aromatic	ug/Kg	-	-	-	-	-	-	-	-
C12H26 Alkane	ug/Kg	-	-	-	-	-	-	-	-
C14H30 Alkane	ug/Kg	-	-	-	-	-	-	-	-
Decahydronaphthalene Isomer A	ug/Kg	-	-	-	-	-	-	-	-
Dimethylnaphthalene A	ug/Kg	-	-	-	-	-	-	-	-
Dimethylnaphthalene B	ug/Kg	-	-	-	-	-	-	-	-
Ethyldimethylbenzene Isomer A	ug/Kg	-	-	-	-	-	-	-	-
Methylnaphthalene isomer A	ug/Kg	-	-	-	-	-	6.4	-	-
Methylnaphthalene Isomer B	ug/Kg	-	-	-	-	-	7.2	-	-
Naphthalene A	ug/Kg	-	-	-	-	-	7.2	-	-
Napthalene/C13H28 Alkane	ug/Kg	-	-	-	-	-	-	-	-

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ANALYTICAL RESULTS SUM OF DETECTED ANALYTES
HISTORIC - SOILS
LINDEN, NJ

Sample Location:				SB-18	SB-18	SB-18	SB-18	SB-23	SB-23
Sample ID:				93089-6118a	93089-6118a	93089-6118b	93089-6118b	93089-6123	93089-6123
Sample Date:				10/11/96	10/11/96	10/11/96	10/11/96	10/15/96	10/15/96
Analysis Date:				10/11/96	10/24/96	10/11/96	10/23/96	10/15/96	10/25/96
Sample Depth:				(9-11)	(9-11)	(11-13)	(11-13)	(6-8)	(6-8)
Parameters	*Units*	*EPA*	*NJ*						
		a	b						
Propane, 2-methoxy-2-methyl	ug/Kg	-	-	-	57	-	36	-	-
Tetrahydromethylnaphthalene isomer A	ug/Kg	-	-	-	-	-	-	-	-
Trimethylbenzene Isomer A	ug/Kg	-	-	-	-	-	-	-	-
Trimethylbenzene Isomer B	ug/Kg	-	-	-	-	-	-	-	-
Unknown A	ug/Kg	-	-	-	-	-	-	-	-
Unknown B	ug/Kg	-	-	-	-	-	-	-	-
Unknown C	ug/Kg	-	-	-	-	-	17	-	-
Unknown D	ug/Kg	-	-	-	-	-	-	-	-
Unknown Hydrocarbon A	ug/Kg	-	-	-	-	-	-	-	-
Unknown Hydrocarbon B	ug/Kg	-	-	-	-	-	-	-	-
Unknown Hydrocarbon C	ug/Kg	-	-	-	-	-	-	-	-
Total volatile TICS	ug/Kg			0	77.5	0	83	0	0

rument Detection Limit (IDL)
ated level

Notes:

J	Estimated value
B	< CRDL but >= Instrument Detection Limit (IDL)
ND	Non-detect at associated level
a	EPA Screening Criteria
b	New Jersey - Non-Residential Direct Contact Soil Cleanup Criteria (NRDCSCC)

TABLE 6.3

ANALYTICAL RESULTS SUMMARY OF DETECTED ANALYTES
HISTORIC - GROUNDWATER
LINDEN, NJ

Sample Location:				BEC-1B	BEC-1B	BEC-1D	BEC-1D	BEC-1D	BEC-1D	BEC-1D	BEC-1S	BEC-1S	BEC-1S	BEC-1S	BEC-1SR	BEC-1SR	BEC-1SR	BEC-2B
Sample ID:				2310	2310	2010	89001-2014	89001-2010	93089-2302A	93089-2302A	2001	89001-2001	93089-2201	93089-2201	93089-2401	93089-2401	93089-2401	2311
Sample Date:				8/9/95	8/9/95	11/8/90	12/12/90	12/15/90	8/10/95	8/10/95	11/8/90	12/12/90	4/20/95	4/20/95	3/12/96	3/12/96	3/12/96	8/8/95
Analysis Date:				8/9/95	8/12/95	11/8/90	12/12/90	12/15/90	8/10/95	8/16/95	11/8/90	12/12/90	4/20/95	5/1/95	3/12/96	3/13/96	3/25/96	8/8/95
Sample Depth:																		
Parameters	**Units**	**EPA a**	**NJ b**															
Metals																		
Chromium	mg/L	0.1	0.1	-	-	-	-	0.001	-	-	-	-	-	-	-	-	-	-
Copper	mg/L	1.3	1	-	-	-	-	0.03	-	-	-	-	-	-	-	-	-	-
Lead	mg/L	0.015	0.01	-	-	-	-	0.11 [ab]	-	-	-	-	-	0.0198 [ab]	-	0.0067	-	-
Zinc	mg/L	10.95	5	-	-	-	-	0.11	-	-	-	-	-	-	-	-	-	-
Semi-Volatiles																		
1,2-Dichlorobenzene	ug/L	600	600	-	-	ND (10)	ND (10)	ND (10.0)	-	-	ND (10)	ND (10)	-	-	-	-	-	-
1,3-Dichlorobenzene	ug/L	600	600	-	-	ND (10)	ND (10)	ND (10.0)	-	-	ND (10)	ND (10)	-	-	-	-	-	-
1,4-Dichlorobenzene	ug/L	75	75	-	-	ND (10)	ND (10)	ND (10.0)	-	-	ND (10)	ND (10)	-	-	-	-	-	-
2,2'-oxybis(1-Chloropropane)	ug/L	0.9604	300	-	-	4.6 J*	ND (10)	ND (10.0)	-	-	ND (10)	ND (10)	-	-	-	-	-	-
2-Methyl naphthalene	ug/L	730	100	-	-	-	-	ND (10.0)	-	-	-	-	-	-	-	-	-	-
Acenaphthene	ug/L	2190	400	-	-	ND (10)	ND (10)	ND (10.0)	-	-	ND (10)	ND (10)	-	-	-	-	-	-
Anthracene	ug/L	10950	2000	-	-	ND (10)	ND (10)	ND (10.0)	-	-	ND (10)	ND (10)	-	-	-	-	-	-
Benzo(b)fluoranthene	ug/L	0.092098	10	-	-	ND (10)	ND (10)	ND (10.0)	-	-	ND (10)	ND (10)	-	-	-	-	-	-
Benzo(k)fluoranthene	ug/L	0.92098	1	-	-	ND (10)	ND (10)	ND (10.0)	-	-	ND (10)	ND (10)	-	-	-	-	-	-
bis(2-Chloroethyl)ether	ug/L	0.06112	10	-	-	ND (10)	4.6 J*	ND (10.0)	-	-	ND (10)	ND (10)	-	-	-	-	-	-
bis(2-Ethylhexyl)phthalate	ug/L	6	30	-	-	ND (10)	ND (10)	ND (10.0)	-	-	ND (10)	ND (10)	-	-	-	-	-	-
Di-n-butylphthalate	ug/L	3650	900	-	-	ND (10)	ND (10)	ND (10.0)	-	-	ND (10)	ND (10)	-	-	-	-	-	-
Fluoranthene	ug/L	1460	300	-	-	ND (10)	ND (10)	ND (10.0)	-	-	ND (10)	ND (10)	-	-	-	-	-	-
Fluorene	ug/L	1460	300	-	-	ND (10)	ND (10)	ND (10.0)	-	-	ND (10)	ND (10)	-	-	-	-	-	-
N-Nitrosodiphenylamine	ug/L	13.72	20	-	-	ND (10)	ND (10)	ND (10.0)	-	-	ND (10)	ND (10)	-	-	-	-	-	-
Naphthalene	ug/L	300	300	-	-	0.40 J	ND (10)	ND (10.0)	-	-	ND (10)	2.3 J	-	-	-	-	-	-
Phenanthrene	ug/L	1095	100	-	-	ND (10)	ND (10)	ND (10.0)	-	-	ND (10)	ND (10)	-	-	-	-	-	-
Pyrene	ug/L	1095	200	-	-	ND (10)	ND (10)	ND (10.0)	-	-	ND (10)	ND (10)	-	-	-	-	-	-
Total Targeted Compounds	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Semi-Volatile TICS																		
1,2,3,4-Tetrahydro-naphthalene A	ug/L	-	-	-	-	-	-	-	-	-	5	5	-	-	-	-	-	-
1,2,3,4-Tetramethyl-benzene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2,4-Trimethylbenzene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-Ethyl-2-methylbenzene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-Ethyl-4-methylbenzene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1H-Indan-1-one, 2,3-dihydro- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1H-Inden-1-one,2,3-dihydro- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,4,4-Trimethyl-2-pentene A	ug/L	-	-	-	-	-	-	-	-	-	-	6	-	-	-	-	-	-
Benzene, 1,3,5-trimethyl- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene, 1-ethyl-2,3-dimethyl- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene, 1-methyl-3-propyl A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene, ethyl-1,2,4-trimeth A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzo(b)thiophene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Carbazole A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cyclohexanone A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cyclopropane, pentyl- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cyclotetrasiloxane, octamethyl- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dimethyl cyclohexane (isomers) A	ug/L	-	-	-	-	-	-	-	-	-	10	9	-	-	-	-	-	-
Dodecanamide, n,n-bis(2-hydroxyethyl)- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hexanedioic acid, mono(2-eth A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1H-Indene-1-one, 2,3-dihydro- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Indane A	ug/L	-	-	-	-	-	-	-	-	-	-	37	-	-	-	-	-	-
Tetrachloroethene A	ug/L	-	-	-	-	-	5	-	-	-	-	-	-	-	-	-	-	-
Trichloroethene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown A	ug/L	-	-	-	-	-	5	-	-	-	6	-	-	-	-	-	-	-
Unknown B	ug/L	-	-	-	-	-	44	-	-	-	6	-	-	-	-	-	-	-
Unknown C	ug/L	-	-	-	-	-	-	-	-	-	5	8	-	-	-	-	-	-
Unknown D	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Xylene(ortho) A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Semi-Volatile TICS	ug/L			0	0	0	54	0	0	0	36	65	0	0	0	0	0	0
Volatiles																		
1,1,1-Trichloroethane	ug/L	30	30	-	ND (2.0)	ND (5.0)	ND (5.0)	ND (5.0)	-	ND (0.2)	ND (5.0)	ND (5.0)	-	ND (0.2)	-	-	ND (0.2)	-
1,1,2-Trichloroethane	ug/L	3	3	-	ND (4.3)	3.6 J [ab]	ND (5.0)	ND (5.0)	-	ND (0.4)	ND (5.0)	ND (5.0)	-	ND (0.4)	-	-	ND (0.4)	-
1,1-Dichloroethane	ug/L	50	50	-	ND (3.1)	ND (5.0)	ND (5.0)	ND (5.0)	-	ND (0.3)	ND (5.0)	ND (5.0)	-	ND (0.3)	-	-	ND (0.3)	-
1,1-Dichloroethene	ug/L	2	2	-	ND (5.5)	ND (5.0)	ND (5.0)	ND (5.0)	-	ND (0.6)	ND (5.0)	ND (5.0)	-	ND (0.6)	-	-	ND (0.6)	-
1,2-Dichlorobenzene	ug/L	600	600	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2-Dichloroethane	ug/L	2	2	-	ND (2.2)	30 [ab]	53 [ab]	ND (5.0)	-	25 [ab]	ND (5.0)	ND (5.0)	-	ND (0.2)	-	-	ND (0.2)	-
1,3-Dichlorobenzene	ug/L	600	600	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,4-Dichlorobenzene	ug/L	75	75	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Hexanone	ug/L	-	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Methyl-2-pentanone	ug/L	2920	400	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Acetone	ug/L	3650	700	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene	ug/L	1	1	-	180 [ab]	ND (5.0)	ND (5.0)	ND (5.0)	-	ND (0.2)	2.8 J [ab]	2.6 J [ab]	-	1.8 [ab]	-	-	ND (0.2)	-
Bromodichloromethane	ug/L	60	1	-	ND (1.9)	ND (5.0)	ND (5.0)	ND (5.0)	-	ND (0.2)	ND (5.0)	ND (5.0)	-	ND (0.2)	-	-	ND (0.2)	-
Bromoform	ug/L	80	4	-	11 [b]	ND (5.0)	ND (5.0)	ND (5.0)	-	ND (0.3)	ND (5.0)	ND (5.0)	-	ND (0.3)	-	-	ND (0.3)	-
Carbon disulfide	ug/L	3650	800	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chlorobenzene	ug/L	50	50	-	12	3.4 J	6.5	ND (5.0)	-	4.7	ND (5.0)	ND (5.0)	-	ND (0.1)	-	-	ND (0.1)	-
Chloroform (Trichloromethane)	ug/L	80	6	-	33 [b]	3.7 J	2.8 J	ND (5.0)	-	ND (0.2)	ND (5.0)	ND (5.0)	-	ND (0.2)	-	-	ND (0.2)	-

ANALYTICAL RESULTS SUM[illegible] OF DETECTED ANALYTES
HISTORIC - GROUNDWATER
LINDEN, NJ

Sample Location:				BEC-1B	BEC-1D	BEC-1D	BEC-1D	BEC-1D	BEC-1D	BEC-1D	BEC-1S	BEC-1S	BEC-1S	BEC-1S	BEC-1SR	BEC-1SR	BEC-1SR	BEC-2B
Sample ID:				2310	2310	2010	89001-2014	89001-2010	93089-2302A	93089-2302A	2001	89001-2001	93089-2201	93089-2201	93089-2401	93089-2401	93089-2401	2311
Sample Date:				8/9/95	8/9/95	11/8/90	12/12/90	12/15/90	8/10/95	8/10/95	11/8/90	12/12/90	4/20/95	4/20/95	3/12/96	3/12/96	3/12/96	8/8/95
Analysis Date:				8/9/95	8/12/95	11/8/90	12/12/90	12/15/90	8/10/95	8/16/95	11/8/90	12/12/90	4/20/95	5/1/95	3/12/96	3/13/96	3/25/96	8/8/95
Sample Depth:																		
Parameters	***Units***	***EPA***	***NJ***															
	-	a	b															
cis-1,2-Dichloroethene	ug/L	70	70	-	36	-	-	-	-	23	-	-	-	ND (1.0)	-	-	ND (1.0)	-
Cyclobutane, 1,2-diethyl-	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ethylbenzene	ug/L	700	700	-	ND (2.4)	ND (5.0)	ND (5.0)	ND (5.0)	-	ND (0.2)	ND (5.0)	ND (5.0)	-	10	-	-	1.7	-
m&p-Xylene	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Methyl Tert Butyl Ether	ug/L	70	70	-	ND (10)	-	-	-	-	ND (1.0)	-	-	-	-	-	-	ND (1.0)	-
Methylene chloride	ug/L	3	3	-	ND (10)	ND (5.0)	ND (5.0)	ND (5.0)	-	ND (1.0)	ND (5.0)	ND (5.0)	-	ND (1.0)	-	-	ND (1.0)	-
o-Xylene	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Synthetic Organic Compounds (cancer)	ug/L	-	-	-	-	ND (10)	ND (10)	ND (10)	-	-	ND (10)	ND (10)	-	-	-	-	-	-
Synthetic Organic Compounds (non-cancer)	ug/L	-	-	ND (10)	-	ND (10)	ND (10)	ND (10)	ND (1)	-	20	320	10	-	3.3	-	-	ND (2.1)
Tetrachloroethene	ug/L	1	1	-	ND (1.0)	11 [ab]	14 [ab]	ND (5.0)	-	8.3 [ab]	ND (5.0)	ND (5.0)	-	ND (0.1)	-	-	ND (0.1)	-
Toluene	ug/L	1000	1000	-	ND (1.8)	ND (5.0)	ND (5.0)	ND (5.0)	-	ND (0.2)	ND (5.0)	ND (5.0)	-	0.5	-	-	0.5	-
Total Targeted Compounds	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total VOCS	ug/L	-	-	-	-	-	ND	-	-	-	-	ND	-	-	-	-	30.2	-
trans-1,2-Dichloroethene	ug/L	100	100	-	18	36	48	ND (5.0)	-	4.9	ND (5.0)	ND (5.0)	-	ND (0.3)	-	-	ND (0.3)	-
trans-1,3-Dichloropropene	ug/L	-	-	-	ND (3.1)	ND (5.0)	ND (5.0)	ND (5.0)	-	ND (0.3)	ND (5.0)	ND (5.0)	-	ND (0.3)	-	-	ND (0.3)	-
Trichloroethene	ug/L	1	1	-	490 [ab]	300 [ab]	430 [ab]	11.3 [ab]	-	260 [ab]	ND (5.0)	ND (5.0)	-	ND (0.4)	-	-	ND (0.4)	-
Vinyl chloride	ug/L	2	5	-	ND (3.9)	ND (10)	ND (10)	ND (10.0)	-	ND (0.4)	ND (10)	ND (10)	-	ND (0.4)	-	-	ND (0.4)	-
Xylene (total)	ug/L	1000	1000	-	ND (10)	6.9	ND (5.0)	ND (5.0)	-	ND (1.0)	ND (5.0)	ND (5.0)	-	14	-	-	28	-
Volatile TICS																		
1,2,3,4-Tetramethyl-benzene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2,3,5-Tetramethylbenzene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2,3-Trimethylbenzene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2,4-Trimethylbenzene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2-Dichlorobenzene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,4-Hexdiene, 2,3-dimethyl- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,4-Methanonaphthalene, 1,4- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,4-Pentadiene, 2,3,4-trimet A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,4-Pentadiene, 2,3,4-trimet B	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-Ethenyl-2-methyl-benzene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-Ethyl-2-methylbenzene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-Ethyl-3-methylbenzene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-Ethyl-4-methylbenzene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-Ethyl-4-methylbenzene B	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-Hexane, 5,5-dimethyl- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-Methylethyl-benzene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-Methylethyl-benzene B	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-Pentene, 3,4-dimethyl- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1H-Indan-1-one, 2,3-dihydro- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1H-Indan-1-one, 2,3-dihydro- B	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1H-Indan-5-ol, 2,3-dihydro- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1H-Indene, 2,3-dihydro-1,2-d A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1H-Indene, 2,3-dihydro-1,6-d A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1H-Indene, 2,3-dihydro-4-met A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1H-Pyrazole, 4,5-dihydro-1,5 A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Methyl naphthalene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Methylbutane A	ug/L	-	-	-	-	-	-	-	-	-	-	20	-	-	-	-	-	-
2-Methylpentane A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,3-dihydro-dimethyl-1H-Indene Isomer A	ug/L																	
3-Hexene, 2,2-dimethyl-, (Z)- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3-Hepten-2-one A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Ethyl-1,2-dimethylbenzene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Acetone A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene, 1,2,4,5-tetramethyl A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene, 1,2-diethyl- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene, 1-ethyl-2,3-dimethyl- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene, 1-ethylpropyl- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene, 1-methyl-3-(1-methylethyl)- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene, 1-methyl-3-(1-methylethyl)- B	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene, 1-methyl-3-propyl A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene, 1-methylpropyl- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene, 2-ethenyl-1,4-dimet A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene, 2-ethly-1,4-dimethy A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzyl Alcohol A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Butane, 1-(1-methylproproxy)- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Butane, 2-ethoxy- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C6H14 Alkane A	ug/L																	
C8H14 Hydrocarbon A	ug/L																	
C8H16 Cycloalkane A	ug/L																	
C8H16 Cycloalkane B	ug/L																	
C9H10 aromatic A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	12	-	-	-	-
C9H10 Aromatic/C10H14 Aromatic	ug/L																9.2	
C9H18 Cycloalkane A	ug/L																	
C10H12 aromatic A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	3.9	-	-	3.3	-
C10H12 aromatic B	ug/L													6.9				
C10H12 aromatic C	ug/L																	
C10H12 aromatic D	ug/L																	
Cycloheptane, methyl- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cyclohexane A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cyclopentene, 4,4-dimethyl- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cyclopropane, 1-(2-methylbut)- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

TABLE 6.3

ANALYTICAL RESULTS SUMMARY OF DETECTED ANALYTES
HISTORIC - GROUNDWATER
LINDEN, NJ

Sample Location:				*DEC-1B*	*DEC-1B*	*DEC-1D*	*DEC-1D*	*DEC-1D*	*DEC-1D*	*DEC-1D*	*DEC-1S*	*DEC-1S*	*DEC-1S*	*DEC-1S*	*DEC-1SR*	*DEC-1SR*	*DEC-1SR*	*DEC-2B*
Sample ID:				2310	2310	2010	89001-2014	89001-2010	93089-2302A	93089-2302A	2001	89001-2001	93089-2201	93089-2201	93089-2401	93089-2401	93089-2401	2311
Sample Date:				8/9/95	8/9/95	11/8/90	12/12/90	12/15/90	8/10/95	8/10/95	11/8/90	12/12/90	4/20/95	4/20/95	3/12/96	3/12/96	3/12/96	8/8/95
Analysis Date:				8/9/95	8/12/95	11/8/90	12/12/90	12/15/90	8/10/95	8/16/95	11/8/90	12/12/90	4/20/95	5/1/95	3/12/96	3/13/96	3/25/96	8/8/95
Sample Depth:																		
Parameters	*Units*	*EPA* a	*NJ* b															
Cyclotetrasiloxane, octamethyl- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Diethylbenzene Isomer A	ug/L																	
Diisopropyl ether A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dimethyl cyclohexane (isomers) A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dodecanamide, n,n-bis(2-hydroxyethyl)- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ether A	ug/L	-	-	-	70	-	-	-	-	21	-	-	-	-	-	-	-	-
Ethyl Methyl Benzene B	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ethylcyclobutane A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ethylmethyl benzene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ethylmethyl benzene B	ug/L													5.6	-	-	12	-
Hexane A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	5.5			9.6	
H-Indene-1-one, 2,3-dihydro- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Indan, 1-methyl- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Indane A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Naphthalene, 1,2,3,4-tetrahy A	ug/L	-	-	-	-	-	-	-	-	-	-	92	-	-	-	-	-	-
Tetrahydrofuran A	ug/L	-	-	-	-	-	15	-	-	-	-	-	-	-	-	-	-	-
Toluene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trichloroethene A	ug/L	-	-	-	-	34	-	-	-	-	-	-	-	-	-	-	-	-
Trimethylbenzene Isomer A	ug/L													7.5			22	
Trimethylbenzene Isomer B	ug/L													3.8			3.2	
Unknown A	ug/L	-	-	-	-	10	-	-	-	-	10	21	-	4.4	-	-	4.7	-
Unknown B	ug/L	-	-	-	-	8	-	-	-	-	-	33	-	3.8	-	-	-	-
Unknown C	ug/L	-	-	-	-	4	-	-	-	-	-	-	-	-	-	-	-	-
Unknown D	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown Aldehyde A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown Aldehyde B	ug/L																	
Unknown Alkane A	ug/L	-	-	-	-	-	-	-	-	-	90	-	-	-	-	-	-	-
Unknown Alkane B	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown C10H20 A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown C8H16 A	ug/L	-	-	-	-	-	-	-	-	-	-	69	-	-	-	-	-	-
Unknown Hydrocarbon A	ug/L	-	-	-	-	-	-	-	-	-	-	43	-	-	-	-	-	-
Unknown Hydrocarbon B	ug/L	-	-	-	-	-	-	-	-	-	-	20	-	-	-	-	-	-
Unknown isomer of trimethyl benzene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	3.8	-	-	-	-
Xylene(ortho) A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Volatile TICS	ug/L			0	70	56	15	0	0	21	19	321	0	57.2	0	0	64	0

ANALYTICAL RESULTS SUMMARY OF DETECTED ANALYTES
HISTORIC - GROUNDWATER
LINDEN, NJ

Sample Location:				BEC-2B	BEC-2D	BEC-2D	BEC-2D	BEC-2D	BEC-2D	BEC-2S	BEC-2S	BEC-2S	BEC-2S	BEC-2S	BEC-2S	BEC-2S
Sample ID:				2311	2011	89001-2015	89001-2011	93089-2302	93089-2302	89001-03-2002	89001-03-2002	89001-03-2002	89001-03-2006	89001-03-2006	89001-2002	89001-2005
Sample Date:				8/8/95	11/8/90	12/12/90	12/15/90	8/9/95	8/9/95	9/11/89	9/11/89	9/11/89	9/11/89	9/11/89	12/15/90	12/15/90
Analysis Date:				8/12/95	11/8/90	12/12/90	12/15/90	8/9/95	8/15/95	9/11/89	9/5/89	9/11/89	9/6/89	9/11/89	12/15/90	12/15/90
Sample Depth:																
Parameters	Units	EPA a	NJ b										Duplicate	Duplicate		Duplicate
Metals																
Chromium	mg/L	0.1	0.1	-	-	-	0.01	-	-	-	-	-	-	-	ND (0.01)	ND (0.01)
Copper	mg/L	1.3	1	-	-	-	0.01	-	-	-	-	-	-	-	ND (0.01)	ND (0.01)
Lead	mg/L	0.015	0.01	-	-	-	0.05 [ab]	-	-	-	-	-	-	-	0.04 [ab]	0.04 [ab]
Zinc	mg/L	10.95	5	-	-	-	ND (0.01)	-	-	-	-	-	-	-	ND (0.01)	ND (0.01)
Semi-Volatiles																
1,2-Dichlorobenzene	ug/L	600	600	-	ND (10)	ND (40)	ND (10.0)	-	-	-	-	ND (10)	-	ND (10.0)	ND (10.0)	ND (10.0)
1,3-Dichlorobenzene	ug/L	600	600	-	ND (10)	ND (40)	ND (10.0)	-	-	-	-	ND (10)	-	ND (10.0)	ND (10.0)	ND (10.0)
1,4-Dichlorobenzene	ug/L	75	75	-	ND (10)	ND (40)	ND (10.0)	-	-	-	-	ND (10)	-	ND (10.0)	ND (10.0)	ND (10.0)
2,2'-oxybis(1-Chloropropane)	ug/L	0.9604	300	-	ND (10)	ND (40)	ND (10.0)	-	-	-	-	ND (10)	-	ND (10.0)	ND (10.0)	ND (10.0)
2-Methyl naphthalene	ug/L	730	100	-	-	-	ND (10.0)	-	-	-	-	-	-	-	ND (10.0)	ND (10.0)
Acenaphthene	ug/L	2190	400	-	ND (10)	ND (40)	ND (10.0)	-	-	-	-	ND (10)	-	ND (10.0)	ND (10.0)	ND (10.0)
Anthracene	ug/L	10950	2000	-	ND (10)	ND (40)	ND (10.0)	-	-	-	-	ND (10)	-	ND (10.0)	ND (10.0)	ND (10.0)
Benzo(b)fluoranthene	ug/L	0.092098	10	-	ND (10)	ND (40)	ND (10.0)	-	-	-	-	ND (10)	-	ND (10.0)	ND (10.0)	ND (10.0)
Benzo(k)fluoranthene	ug/L	0.92098	1	-	ND (10)	ND (40)	ND (10.0)	-	-	-	-	-	-	-	ND (10.0)	ND (10.0)
bis(2-Chloroethyl)ether	ug/L	0.06112	10	-	0.39 J [a]	ND (40)	ND (10.0)	-	-	-	-	ND (10)	-	ND (10.0)	ND (10.0)	ND (10.0)
bis(2-Ethylhexyl)phthalate	ug/L	6	30	-	ND (10)	ND (40)	ND (10.0)	-	-	-	-	ND (10)	-	ND (10.0)	ND (10.0)	ND (10.0)
Di-n-butylphthalate	ug/L	3650	900	-	ND (10)	ND (40)	ND (10.0)	-	-	-	-	7 BJ	-	8 BJ	ND (10.0)	ND (10.0)
Fluoranthene	ug/L	1460	300	-	ND (10)	ND (40)	ND (10.0)	-	-	-	-	ND (10)	-	ND (10.0)	ND (10.0)	ND (10.0)
Fluorene	ug/L	1460	300	-	ND (10)	ND (40)	ND (10.0)	-	-	-	-	ND (10)	-	ND (10.0)	ND (10.0)	ND (10.0)
N-Nitrosodiphenylamine	ug/L	13.72	20	-	ND (10)	ND (40)	ND (10.0)	-	-	-	-	ND (10)	-	ND (10.0)	ND (10.0)	ND (10.0)
Naphthalene	ug/L	300	300	-	ND (10)	ND (40)	ND (10.0)	-	-	-	-	ND (10)	-	ND (10.0)	ND (10.0)	ND (10.0)
Phenanthrene	ug/L	1095	100	-	ND (10)	ND (40)	ND (10.0)	-	-	-	-	ND (10)	-	ND (10.0)	ND (10.0)	ND (10.0)
Pyrene	ug/L	1095	200	-	ND (10)	ND (40)	ND (10.0)	-	-	-	-	ND (10)	-	ND (10.0)	ND (10.0)	ND (10.0)
Total Targeted Compounds	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Semi-Volatile TICS																
1,2,3,4-Tetrahydro-naphthalene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2,3,4-Tetramethyl-benzene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2,4-Trimethylbenzene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-Ethyl-2-methylbenzene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-Ethyl-4-methylbenzene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1H-Indene-1-one, 2,3-dihydro- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1H-Inden-1-one,2,3-dihydro- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,4,4-Trimethyl-2-pentene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene, 1,2,3-trimethyl- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene, 1-ethyl-2,3-dimethyl- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene, 1-methyl-3-propyl A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene, ethyl-1,2,4-trimeth A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzo(b)thiophene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Carbazole A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cyclohexanone A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cyclopropane, pentyl- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cyclotetrasiloxane, octamethyl- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dimethyl cyclohexane (isomers) A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dodecanamide, n,n-bis(2-hydroxyethyl)- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hexanedioic acid, mono(2-eth A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1H-Indene-1-one, 2,3-dihydro- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Indane A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tetrachloroethene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trichloroethene A	ug/L	-	-	-	8	-	-	-	-	-	-	-	-	-	-	-
Unknown A	ug/L	-	-	-	4	16	-	-	-	-	-	-	-	-	-	-
Unknown B	ug/L	-	-	-	33	-	-	-	-	-	-	-	-	-	-	-
Unknown C	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown D	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Xylene(ortho) A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Semi-Volatile TICS	ug/L			0	45	16	0	0	0	0	0	0	0	0	0	0
Volatiles																
1,1,1-Trichloroethane	ug/L	30	30	ND (0.4)	ND (5.0)	ND (5.0)	ND (5.0)	-	ND (0.4)	-	ND (5)	-	ND (5.0)	-	ND (5.0)	ND (5.0)
1,1,2-Trichloroethane	ug/L	3	3	ND (0.9)	ND (5.0)	ND (5.0)	ND (5.0)	-	ND (0.9)	-	ND (5)	-	ND (5.0)	-	ND (5.0)	ND (5.0)
1,1-Dichloroethane	ug/L	50	50	ND (0.6)	ND (5.0)	ND (5.0)	ND (5.0)	-	ND (0.6)	-	ND (5)	-	ND (5.0)	-	ND (5.0)	ND (5.0)
1,1-Dichloroethene	ug/L	2	2	7.3 [ab]	ND (5.0)	ND (5.0)	ND (5.0)	-	ND (1.1)	-	ND (5)	-	ND (5.0)	-	ND (5.0)	ND (5.0)
1,2-Dichlorobenzene	ug/L	600	600	-	-	-	-	-	-	-	ND (5)	-	ND (5.0)	-	-	-
1,2-Dichloroethane	ug/L	2	2	4.8 [ab]	8.6 [ab]	16 [ab]	ND (5.0)	-	22 [ab]	-	ND (5)	-	ND (5.0)	-	ND (5.0)	ND (5.0)
1,3-Dichlorobenzene	ug/L	600	600	-	-	-	-	-	-	-	ND (5)	-	ND (5.0)	-	-	-
1,4-Dichlorobenzene	ug/L	75	75	-	-	-	-	-	-	-	ND (5)	-	ND (5.0)	-	-	-
2-Hexanone	ug/L	-	100	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Methyl-2-pentanone	ug/L	2920	400	-	-	-	-	-	-	-	-	-	-	-	-	-
Acetone	ug/L	3650	700	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene	ug/L	1	1	ND (0.5)	ND (5.0)	ND (5.0)	ND (5.0)	-	ND (0.5)	-	ND (5)	-	ND (5.0)	-	ND (5.0)	ND (5.0)
Bromodichloromethane	ug/L	80	1	ND (0.4)	ND (5.0)	ND (5.0)	ND (5.0)	-	ND (0.4)	-	ND (5)	-	ND (5.0)	-	ND (5.0)	ND (5.0)
Bromoform	ug/L	80	4	ND (0.6)	ND (5.0)	ND (5.0)	ND (5.0)	-	ND (0.6)	-	ND (5)	-	ND (5.0)	-	ND (5.0)	ND (5.0)
Carbon disulfide	ug/L	3650	800	-	-	-	-	-	-	-	-	-	-	-	-	-
Chlorobenzene	ug/L	50	50	8.2	ND (5.0)	2.3 J	ND (5.0)	-	5.0	-	ND (5)	-	ND (5.0)	-	ND (5.0)	ND (5.0)
Chloroform (Trichloromethane)	ug/L	80	6	7.0 [b]	1.4 J	ND (5.0)	ND (5.0)	-	ND (0.4)	-	ND (2)	-	ND (2.0)	-	ND (5.0)	ND (5.0)

TABLE 3

ANALYTICAL RESULTS SUMMARY OF DETECTED ANALYTES
HISTORIC - GROUNDWATER
LINDEN, NJ

Sample Location:				BEC-2B	BEC-2D	BEC-2D	BEC-2D	BEC-2D	BEC-2D	BEC-2S	BEC-2S	BEC-2S	BEC-2S	BEC-2S	BEC-2S	BEC-2S
Sample ID:				2311	2011	89001-2015	89001-2011	93089-2302	93089-2302	89001-03-2002	89001-03-2002	89001-03-2002	89001-03-2006	89001-03-2006	89001-2002	89001-2005
Sample Date:				8/8/95	11/8/90	12/12/90	12/15/90	8/9/95	8/9/95	9/1/89	9/1/89	9/1/89	9/1/89	9/1/89	12/15/90	12/15/90
Analysis Date:				8/12/95	11/8/90	12/12/90	12/15/90	8/9/95	8/15/95	9/1/89	9/5/89	9/11/89	9/6/89	9/11/89	12/15/90	12/15/90
Sample Depth:																
Parameters	Units	EPA a	NJ b										Duplicate	Duplicate		Duplicate
cis-1,2-Dichloroethene	ug/L	70	70	39	-	-	-	-	15	-	-	-	-	-	-	-
Cyclobutane, 1,2-diethyl-	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	4 J	-	-
Ethylbenzene	ug/L	700	700	ND (0.5)	ND (5.0)	ND (5.0)	ND (5.0)	-	ND (0.5)	-	ND (5)	-	ND (5.0)	-	ND (5.0)	ND (5.0)
m&p-Xylene	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Methyl Tert Butyl Ether	ug/L	70	70	ND (2.0)	-	-	-	-	ND (2.0)	-	-	-	-	-	-	-
Methylene chloride	ug/L	3	3	ND (2.1)	ND (5.0)	ND (5.0)	ND (5.0)	-	ND (2.1)	-	4 JB **	-	19 B **	-	ND (5.0)	ND (5.0)
o-Xylene	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Synthetic Organic Compounds (cancer)	ug/L	-	-	-	ND (10)	ND (40)	ND (10)	-	-	ND (10)	-	-	-	-	ND (10)	-
Synthetic Organic Compounds (non-cancer)	ug/L	-	-	-	ND (10)	ND (40)	ND (10)	ND (2.1)	-	10	-	-	-	-	ND (10)	-
Tetrachloroethene	ug/L	1	1	ND (0.2)	1.4 J **	2.1 J **	ND (5.0)	-	3.6 **	-	ND (5)	-	ND (5.0)	-	ND (5.0)	ND (5.0)
Toluene	ug/L	1000	1000	ND (0.4)	ND (5.0)	ND (5.0)	ND (5.0)	-	ND (0.4)	-	ND (5)	-	ND (5.0)	-	ND (5.0)	ND (5.0)
Total Targeted Compounds	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total VOCS	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
trans-1,2-Dichloroethene	ug/L	100	100	2.2	7.9	12	ND (5.0)	-	6.4	-	ND (5)	-	ND (5.0)	-	ND (5.0)	ND (5.0)
trans-1,3-Dichloropropene	ug/L	-	-	ND (0.6)	ND (5.0)	ND (5.0)	ND (5.0)	-	ND (0.6)	-	-	-	-	-	ND (5.0)	ND (5.0)
Trichloroethene	ug/L	1	1	230 **	70 **	95 **	12.3 **	-	160 **	-	ND (5)	-	ND (5.0)	-	ND (5.0)	ND (5.0)
Vinyl chloride	ug/L	2	5	ND (0.8)	ND (10)	ND (10)	ND (10.0)	-	ND (0.8)	-	ND (10)	-	ND (10.0)	-	ND (10.0)	ND (10.0)
Xylene (total)	ug/L	1000	1000	ND (2.0)	ND (5.0)	ND (5.0)	ND (5.0)	-	ND (2.0)	-	ND (5)	-	ND (5.0)	-	ND (5.0)	ND (5.0)
Volatile TICS																
1,2,3,4-Tetramethyl-benzene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2,3,5-Tetramethylbenzene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2,3-Trimethylbenzene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2,4-Trimethylbenzene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2-Dichlorobenzene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,4-Hexdiene, 2,3-dimethyl- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,4-Methanonaphthalene, 1,4- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,4-Pentadiene, 2,3,4-trimet A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,4-Pentadiene, 2,3,4-trimet B	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-Ethenyl-2-methyl-benzene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-Ethyl-2-methylbenzene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-Ethyl-3-methylbenzene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-Ethyl-4-methylbenzene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-Ethyl-4-methylbenzene B	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-Hexane, 5,5-dimethyl- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-Methylethyl-benzene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-Methylethyl-benzene B	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-Pentene, 3,4-dimethyl- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1H-Inden-1-one, 2,3-dihydro- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1H-Inden-1-one, 2,3-dihydro- B	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1H-Inden-5-ol, 2,3-dihydro- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1H-Indene, 2,3-dihydro-1,2-d A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1H-Indene, 2,3-dihydro-1,6-d A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1H-Indene, 2,3-dihydro-4-met A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1H-Pyrazole, 4,5-dihydro-1,5 A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Methyl naphthalene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Methylbutane A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Methylpentane A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,3-dihydro-dimethyl-1H-Indene Isomer A	ug/L															
3-Hexene, 2,2-dimethyl-, (Z)- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3-Hipten-2-one A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Ethyl-1,2-dimethylbenzene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Acetone A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene, 1,2,4,5-tetramethyl A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene, 1,2-diethyl- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene, 1-ethyl-2,3-dimethyl- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene, 1-ethylpropyl- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene, 1-methyl-3-(1-methylethyl)- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene, 1-methyl-3-(1-methylethyl)- B	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene, 1-methyl-3-propyl A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene, 1-methylpropyl- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene, 2-ethenyl-1,4-dimet A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene, 2-ethly-1,4-dimethy A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzyl Alcohol A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	3 J	-	-
Butane, 1-(1-methylpropoxy)- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Butane, 2-ethoxy- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C6H14 Alkane A	ug/L															
C8H14 Hydrocarbon A	ug/L															
C8H16 Cycloalkane A	ug/L															
C8H16 Cycloalkane B	ug/L															
C9H10 aromatic A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C9H10 Aromatic/C10H14 Aromatic	ug/L															
C9H18 Cycloalkane A	ug/L															
C10H12 aromatic A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C10H12 aromatic B	ug/L															
C10H12 aromatic C	ug/L															
C10H12 aromatic D	ug/L															
Cycloheptane, methyl- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cyclohexane A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cyclopentene, 4,4-dimethyl- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cyclopropane, 1-(2-methylbut)- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

ANALYTICAL RESULTS SUM[illegible] OF DETECTED ANALYTES
HISTORIC - GROUNDWATER
LINDEN, NJ

Sample Location:				BEC-2B	BEC-2D	BEC-2D	BEC-2D	BEC-2D	BEC-2D	BEC-2S	BEC-2S	BEC-2S	BEC-2S	BEC-2S	BEC-2S	BEC-2S
Sample ID:				2311	2011	89001-2015	89001-2011	93089-2302	93089-2302	89001-03-2002	89001-03-2002	89001-03-2002	89001-03-2006	89001-03-2006	89001-2002	89001-2005
Sample Date:				8/8/95	11/8/90	12/12/90	12/15/90	8/9/95	8/9/95	9/1/89	9/1/89	9/1/89	9/1/89	9/1/89	12/15/90	12/15/90
Analysis Date:				8/12/95	11/8/90	12/12/90	12/15/90	8/9/95	8/15/95	9/1/89	9/5/89	9/11/89	9/6/89	9/11/89	12/15/90	12/15/90
Sample Depth:																
Parameters	*Units*	*EPA* a	*NJ* b										*Duplicate*	*Duplicate*		*Duplicate*
Cyclotetrasiloxane, octamethyl- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	6 J	-	-
Diethylbenzene Isomer A	ug/L															
Diisopropyl ether A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dimethyl cyclohexane (isomers) A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dodecanamide, n,n-bis(2-hydroxyethyl)- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	14 J	-	-
Ether A	ug/L	-	-	-	-	8.5	-	-	29	-	-	-	-	-	-	-
Ethyl Methyl Benzene B	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ethylcyclobutane A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ethylmethyl benzene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ethylmethyl benzene B	ug/L															
Hexane A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1H-Indene-1-one, 2,3-dihydro- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Indan, 1-methyl- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Indane A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Naphthalene, 1,2,3,4-tetrahy A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tetrahydrofuran A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Toluene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trichloroethene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trimethylbenzene Isomer A	ug/L															
Trimethylbenzene Isomer B	ug/L															
Unknown A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown B	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown C	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown D	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown Aldehyde A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown Aldehyde B	ug/L															
Unknown Alkane A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown Alkane B	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown C10H20 A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown C8H16 A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown Hydrocarbon A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown Hydrocarbon B	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown isomer of trimethyl benzene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Xylene(ortho) A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Volatile TICS	ug/L			0	0	8.5	0	0	29	0	0	0	0	23	0	0

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ANALYTICAL RESULTS SUM OF DETECTED ANALYTES
HISTORIC - GROUNDWATER
LINDEN, NJ

Sample Location:				DEC-2S	DEC-2S	DEC-2S	DEC-2S	DEC-2S	DEC-2S	DEC-3H	DEC-3H	DEC-3D	DEC-3D	DEC-3D	DEC-3S	DEC-3S
Sample ID:				93089-2100	93089-2202	93089-2202	93089-2402	93089-2402	93089-2402	2312	2312	89001-2016	93089-2303	93089-2303	89001-03-2003	89001-03-2003
Sample Date:				4/20/94	4/20/95	4/20/95	3/12/96	3/12/96	3/12/96	8/8/95	8/8/95	12/12/90	8/10/95	8/10/95	9/1/89	9/1/89
Analysis Date:				4/20/94	4/20/95	5/1/95	3/12/96	3/13/96	3/25/96	8/8/95	8/12/95	12/12/90	8/10/95	8/16/95	9/1/89	9/6/89
Sample Depth:																
Parameters	**Units**	**EPA a**	**NJ b**													
Metals																
Chromium	mg/L	0.1	0.1	-	-	-	-	-	-	-	-	-	-	-	-	-
Copper	mg/L	1.3	1	-	-	-	-	-	-	-	-	-	-	-	-	-
Lead	mg/L	0.015	0.01	0.056 [a]	-	0.0268 [a]	-	0.0522 [a]	-	-	-	-	-	-	-	-
Zinc	mg/L	10.95	5	-	-	-	-	-	-	-	-	-	-	-	-	-
Semi-Volatiles																
1,2-Dichlorobenzene	ug/L	600	600	ND (5)	-	-	-	-	-	-	-	ND (10)	-	-	-	-
1,3-Dichlorobenzene	ug/L	600	600	ND (5)	-	-	-	-	-	-	-	ND (10)	-	-	-	-
1,4-Dichlorobenzene	ug/L	75	75	ND (5)	-	-	-	-	-	-	-	ND (10)	-	-	-	-
2,2-oxybis(1-Chloropropane)	ug/L	0.9604	300	ND (5)	-	-	-	-	-	-	-	ND (10)	-	-	-	-
2-Methyl naphthalene	ug/L	730	100	ND (5)	-	-	-	-	-	-	-	-	-	-	-	-
Acenaphthene	ug/L	2190	400	ND (5)	-	-	-	-	-	-	-	ND (10)	-	-	-	-
Anthracene	ug/L	10950	2000	ND (5)	-	-	-	-	-	-	-	ND (10)	-	-	-	-
Benzo(b)fluoranthene	ug/L	0.092098	10	ND (5)	-	-	-	-	-	-	-	ND (10)	-	-	-	-
Benzo(k)fluoranthene	ug/L	0.92098	1	ND (5)	-	-	-	-	-	-	-	ND (10)	-	-	-	-
bis(2-Chloroethyl)ether	ug/L	0.06112	10	ND (5)	-	-	-	-	-	-	-	ND (10)	-	-	-	-
bis(2-Ethylhexyl)phthalate	ug/L	6	30	ND (5)	-	-	-	-	-	-	-	ND (10)	-	-	-	-
Di-n-butylphthalate	ug/L	3650	900	ND (5)	-	-	-	-	-	-	-	ND (10)	-	-	-	-
Fluoranthene	ug/L	1460	300	ND (5)	-	-	-	-	-	-	-	0.15 J	-	-	-	-
Fluorene	ug/L	1460	300	ND (5)	-	-	-	-	-	-	-	ND (10)	-	-	-	-
N-Nitrosodiphenylamine	ug/L	13.72	20	ND (5)	-	-	-	-	-	-	-	ND (10)	-	-	-	-
Naphthalene	ug/L	300	300	ND (5)	-	-	-	-	-	-	-	0.44 J	-	-	-	-
Phenanthrene	ug/L	1095	100	ND (5)	-	-	-	-	-	-	-	0.33 J	-	-	-	-
Pyrene	ug/L	1095	200	ND (5)	-	-	-	-	-	-	-	0.35 J	-	-	-	-
Total Targeted Compounds	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Semi-Volatile TICS																
1,2,3,4-Tetrahydro-naphthalene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2,3,4-Tetramethyl-benzene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2,4-Trimethylbenzene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-Ethyl-2-methylbenzene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-Ethyl-4-methylbenzene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1H-Indene-1-one, 2,3-dihydro- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1H-Indene-1-one,2,3-dihydro- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,4,4-Trimethyl-2-pentene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene, 1,3,5-trimethyl- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene, 1-ethyl-2,3-dimethyl- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene, 1-methyl-3-propyl A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene, ethyl-1,2,4-trimeth A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzo(b)thiophene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Carbazole A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cyclohexanone A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cyclopropane, pentyl- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cyclotetrasiloxane, octamethyl- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dimethyl cyclohexane (isomers) A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dodecanamide, n,n-bis(2-hydroxyethyl)- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hexanedioic acid, mono(2-eth A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1H-Indene-1-one, 2,3-dihydro- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Indane A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tetrachloroethene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trichloroethene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown B	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown C	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown D	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Xylene(ortho) A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Semi-Volatile TICS	ug/L			0	0	0	0	0	0	0	0	0	0	0	0	0
Volatiles																
1,1,1-Trichloroethane	ug/L	30	30	ND (5)	-	ND (0.2)	-	-	ND (0.2)	-	ND (0.2)	ND (5.0)	-	ND (0.2)	-	ND (167)
1,1,2-Trichloroethane	ug/L	3	3	ND (3)	-	ND (0.4)	-	-	ND (0.4)	-	ND (0.4)	ND (5.0)	-	ND (0.4)	-	ND (167)
1,1-Dichloroethane	ug/L	50	50	ND (5)	-	ND (0.3)	-	-	ND (0.3)	-	ND (0.3)	ND (5.0)	-	ND (0.3)	-	ND (167)
1,1-Dichloroethene	ug/L	2	2	ND (2)	-	ND (0.6)	-	-	ND (0.6)	-	ND (0.6)	ND (5.0)	-	0.6	-	ND (167)
1,2-Dichlorobenzene	ug/L	600	600	ND (5)	-	-	-	-	-	-	-	-	-	-	-	ND (167)
1,2-Dichloroethane	ug/L	2	2	ND (2)	-	ND (0.2)	-	-	ND (0.2)	-	ND (0.2)	16 [a]	-	9.0 [a]	-	ND (167)
1,3-Dichlorobenzene	ug/L	600	600	ND (5)	-	-	-	-	-	-	-	-	-	-	-	ND (167)
1,4-Dichlorobenzene	ug/L	75	75	ND (5)	-	-	-	-	-	-	-	-	-	-	-	ND (167)
2-Hexanone	ug/L	-	100	ND (20)	-	-	-	-	-	-	-	-	-	-	-	-
4-Methyl-2-pentanone	ug/L	2920	400	ND (25)	-	-	-	-	-	-	-	-	-	-	-	-
Acetone	ug/L	3650	700	21	-	-	-	-	-	-	-	-	-	-	-	-
Benzene	ug/L	1	1	ND (1)	-	ND (0.2)	-	-	ND (0.2)	-	ND (0.2)	ND (5.0)	-	ND (0.2)	-	380 [a]
Bromodichloromethane	ug/L	80	1	-	-	ND (0.2)	-	-	ND (0.2)	-	ND (0.2)	3.4 J [b]	-	ND (0.2)	-	ND (167)
Bromoform	ug/L	80	4	ND (4)	-	ND (0.3)	-	-	ND (0.3)	-	ND (0.3)	ND (5.0)	-	ND (0.3)	-	ND (167)
Carbon disulfide	ug/L	3650	800	ND (5)	-	-	-	-	-	-	-	-	-	-	-	-
Chlorobenzene	ug/L	50	50	ND (4)	-	ND (0.1)	-	-	ND (0.1)	-	ND (0.1)	ND (5.0)	-	16	-	ND (167)
Chloroform (Trichloromethane)	ug/L	80	6	ND (5)	-	ND (0.2)	-	-	ND (0.2)	-	ND (0.2)	26 [b]	-	2.5	-	ND (167)

ANALYTICAL RESULTS SUMMARY OF DETECTED ANALYTES
HISTORIC - GROUNDWATER
LINDEN, NJ

Sample Location:				BEC-2S	BEC-2S	BEC-2S	BEC-2S	BEC-2S	BEC-2S	BEC-3B	BEC-3B	BEC-3D	BEC-3D	BEC-3D	BEC-3S	BEC-3S
Sample ID:				93089-2100	93089-2202	93089-2202	93089-2402	93089-2402	93089-2402	2312	2312	89001-2016	93089-2303	93089-2303	89001-03-2003	89001-03-2003
Sample Date:				4/20/94	4/20/95	4/20/95	3/12/96	3/12/96	3/12/96	8/8/95	8/8/95	12/12/90	8/10/95	8/10/95	9/1/89	9/1/89
Analysis Date:				4/20/94	4/20/95	5/1/95	3/12/96	3/13/96	3/25/96	8/8/95	8/12/95	12/12/90	8/10/95	8/16/95	9/1/89	9/6/89
Sample Depth:																
Parameters	**Units**	**EPA**	**NJ**													
		a	b													
cis-1,2-Dichloroethene	ug/L	70	70	-	-	ND (1.0)	-	-	ND (1.0)	-	4.9	-	-	30	-	-
Cyclobutane, 1,2-diethyl-	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ethylbenzene	ug/L	700	700	ND (5)	-	ND (0.2)	-	-	ND (0.2)	-	ND (0.2)	2.5 J	-	ND (0.2)	-	ND (167)
m&p-Xylene	ug/L	-	-	ND (5)	-	-	-	-	-	-	-	-	-	-	-	-
Methyl Tert Butyl Ether	ug/L	70	70	ND (5)	-	-	-	-	ND (1.0)	-	ND (1.0)	-	-	ND (1.0)	-	-
Methylene chloride	ug/L	3	3	ND (2)	-	ND (1.0)	-	-	ND (1.0)	-	ND (1.0)	ND (5.0)	-	ND (1.0)	-	752 B [ab]
o-Xylene	ug/L	-	-	ND (5)	-	-	-	-	-	-	-	-	-	-	-	-
Synthetic Organic Compounds (cancer)	ug/L	-	-	ND (5)	-	-	-	-	-	-	-	ND (10)	-	-	ND (10)	-
Synthetic Organic Compounds (non-cancer)	ug/L	-	-	ND (20)	ND (1)	-	ND (1)	-	-	ND (1)	-	20	ND (1)	-	20470	-
Tetrachloroethene	ug/L	1	1	ND (1)	-	ND (0.1)	-	-	ND (0.1)	-	ND (0.1)	ND (5.0)	-	3.3 [ab]	-	ND (167)
Toluene	ug/L	1000	1000	ND (5)	-	ND (0.2)	-	-	ND (0.2)	-	0.4	1.2 J	-	ND (0.2)	-	3000 [ab]
Total Targeted Compounds	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total VOCS	ug/L	-	-	21	-	-	-	-	ND	-	-	-	-	-	-	-
trans-1,2-Dichloroethene	ug/L	100	100	ND (5)	-	ND (0.3)	-	-	ND (0.3)	-	ND (0.3)	12	-	7.6	-	ND (167)
trans-1,3-Dichloropropene	ug/L	-	-	ND (5)	-	ND (0.3)	-	-	ND (0.3)	-	ND (0.3)	ND (5.0)	-	ND (0.3)	-	-
Trichloroethene	ug/L	1	1	ND (1)	-	ND (0.4)	-	-	ND (0.4)	-	22 [ab]	ND (5.0)	-	100 [ab]	-	ND (167)
Vinyl chloride	ug/L	2	5	ND (5)	-	ND (0.4)	-	-	ND (0.4)	-	ND (0.4)	ND (10)	-	1.3	-	ND (333)
Xylene (total)	ug/L	1000	1000	-	-	ND (1.0)	-	-	ND (1.0)	-	ND (1.0)	19	-	ND (1.0)	-	4760 [ab]
Volatile TICS																
1,2,3,4-Tetramethyl-benzene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	21 J
1,2,3,5-Tetramethylbenzene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2,3-Trimethylbenzene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3800
1,2,4-Trimethylbenzene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2-Dichlorobenzene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,4-Hexdiene, 2,3-dimethyl- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,4-Methanonaphthalene, 1,4- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,4-Pentadiene, 2,3,4-trimet A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,4-Pentadiene, 2,3,4-trimet B	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-Ethenyl-2-methyl-benzene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-Ethyl-2-methylbenzene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2400
1-Ethyl-3-methylbenzene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-Ethyl-4-methylbenzene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-Ethyl-4-methylbenzene B	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-Hexane, 5,5-dimethyl- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-Methylethyl-benzene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1000
1-Methylethyl-benzene B	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1300
1-Pentene, 3,4-dimethyl- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1H-Inden-1-one, 2,3-dihydro- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1H-Inden-1-one, 2,3-dihydro- B	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1H-Inden-5-ol, 2,3-dihydro- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1H-Indene, 2,3-dihydro-1,2-d A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1H-Indene, 2,3-dihydro-1,6-d A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1H-Indene, 2,3-dihydro-4-met A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1100
1H-Pyrazole, 4,5-dihydro-1,5 A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Methyl naphthalene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Methylbutane A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Methylpentane A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,3-dihydro-dimethyl-1H-Indene Isomer A	ug/L															
3-Hexene, 2,2-dimethyl-, (Z)- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3-Hipten-2-one A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Ethyl-1,2-dimethylbenzene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Acetone A	ug/L	-	-	-	-	-	-	-	-	-	3.6	-	-	-	-	-
Benzene, 1,2,4,5-tetramethyl A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	940
Benzene, 1,2-diethyl- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene, 1-ethyl-2,3-dimethyl- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	820
Benzene, 1-ethylpropyl- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	470
Benzene, 1-methyl-3-(1-methylethyl)- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	990
Benzene, 1-methyl-3-(1-methylethyl)- B	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1200
Benzene, 1-methyl-3-propyl A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	76 J
Benzene, 1-methylpropyl- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1500
Benzene, 2-ethenyl-1,4-dimet A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene, 2-ethly-1,4-dimethy A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	920
Benzyl Alcohol A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Butane, 1-(1-methylpropoxy)- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Butane, 2-ethoxy- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C6H14 Alkane A	ug/L															
C8H14 Hydrocarbon A	ug/L															
C8H16 Cycloalkane A	ug/L															
C8H16 Cycloalkane B	ug/L															
C9H10 aromatic A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C9H10 Aromatic/C10H14 Aromatic	ug/L															
C9H18 Cycloalkane A	ug/L															
C10H12 aromatic A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C10H12 aromatic B	ug/L															
C10H12 aromatic C	ug/L															
C10H12 aromatic D	ug/L															
Cycloheptane, methyl- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cyclohexane A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cyclopentene, 4,4-dimethyl- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cyclopropane, 1-(2-methylbut)- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1100

TABLE 6.3

ANALYTICAL RESULTS SUM[illegible] OF DETECTED ANALYTES
HISTORIC - GROUNDWATER
LINDEN, NJ

Sample Location:				BEC-2S	BEC-2S	BEC-2S	BEC-2S	BEC-2S	BEC-2S	BEC-3B	BEC-3B	BEC-3D	BEC-3D	BEC-3D	BEC-3S	BEC-3S
Sample ID:				93089-2100	93089-2202	93089-2202	93089-2402	93089-2402	93089-2402	2312	2312	89001-2016	93089-2303	93089-2303	89001-03-2003	89001-03-2003
Sample Date:				4/20/94	4/20/95	4/20/95	3/12/96	3/12/96	3/12/96	8/8/95	8/8/95	12/12/90	8/10/95	8/10/95	9/1/89	9/1/89
Analysis Date:				4/20/94	4/20/95	5/1/95	3/12/96	3/13/96	3/25/96	8/8/95	8/12/95	12/12/90	8/10/95	8/16/95	9/1/89	9/6/89
Sample Depth:																
Parameters	Units	EPA a	NJ b													
Cyclotetrasiloxane, octamethyl- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Diethylbenzene Isomer A	ug/L															
Diisopropyl ether A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dimethyl cyclohexane (isomers) A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dodecanamide, n,n-bis(2-hydroxyethyl)- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ether A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ethyl Methyl Benzene B	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	34	-	-
Ethylcyclobutane A	ug/L	-	-	-	-	-	-	-	-	-	-	3.6	-	-	-	-
Ethylmethyl benzene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ethylmethyl benzene B	ug/L											7.9	-	-	-	-
Hexane A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
H-Indene-1-one, 2,3-dihydro- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Indan, 1-methyl- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1100
Indane A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1200
Naphthalene, 1,2,3,4-tetrahy A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tetrahydrofuran A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Toluene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trichloroethene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trimethylbenzene Isomer A	ug/L															
Trimethylbenzene Isomer B	ug/L															
Unknown A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown B	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown C	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown D	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown Aldehyde A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown Aldehyde B	ug/L															
Unknown Alkane A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown Alkane B	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown C10H20 A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown C8H16 A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown Hydrocarbon A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown Hydrocarbon B	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown isomer of trimethyl benzene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Xylene(ortho) A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Volatile TICS	ug/L			0	0	0	0	0	0	0	3.59999905	11.5	0	34	0	19937

ANALYTICAL RESULTS SUM[illegible] OF DETECTED ANALYTES
HISTORIC - GROUNDWATER
LINDEN, NJ

Sample Location:				BEC-3S	BEC-3S	BEC-3S	BEC-3S	BEC-3S	BEC-3S	BEC-3S	BEC-3S	BEC-3S	BEC-3S	BEC-3S	BEC-4B	BEC-4B	BEC-4D
Sample ID:				89001-03-2003	2003	89001-2003	89001-2003	93089-2101	93089-2103	93089-2205	93089-2205	93089-2403	93089-2403	93089-2403	2313	2313	89001-2017
Sample Date:				9/1/89	11/8/90	12/12/90	12/15/90	4/20/94	4/20/94	4/20/95	4/20/95	3/12/96	3/12/96	3/12/96	8/8/95	8/8/95	12/12/90
Analysis Date:				9/11/89	11/8/90	12/12/90	12/15/90	4/20/94	4/20/94	4/20/95	5/1/95	3/12/96	3/13/96	3/25/96	8/8/95	8/14/95	12/12/90
Sample Depth:									Duplicate								
Parameters	*Units*	*EPA* a	*NJ* b														
Metals																	
Chromium	mg/L	0.1	0.1	-	-	-	ND (0.01)	-	-	-	-	-	-	-	-	-	-
Copper	mg/L	1.3	1	-	-	-	ND (0.01)	-	-	-	-	-	-	-	-	-	-
Lead	mg/L	0.015	0.01	-	-	-	0.04 [ab]	0.054 [ab]	0.056 [ab]	-	0.037 [ab]	-	0.0987 [ab]	-	-	-	-
Zinc	mg/L	10.95	5	-	-	-	ND (0.01)	-	-	-	-	-	-	-	-	-	-
Semi-Volatiles																	
1,2-Dichlorobenzene	ug/L	600	600	ND (10)	ND (15)	ND (10)	ND (10.0)	ND (5)	ND (5)	-	-	-	-	-	-	-	ND (10)
1,3-Dichlorobenzene	ug/L	600	600	ND (10)	ND (15)	ND (10)	ND (10.0)	ND (5)	ND (5)	-	-	-	-	-	-	-	ND (10)
1,4-Dichlorobenzene	ug/L	75	75	ND (10)	ND (15)	ND (10)	ND (10.0)	ND (5)	ND (5)	-	-	-	-	-	-	-	ND (10)
2,2'-oxybis(1-Chloropropane)	ug/L	0.9604	300	ND (10)	ND (15)	ND (10)	ND (10.0)	ND (5)	ND (5)	-	-	-	-	-	-	-	ND (10)
2-Methyl naphthalene	ug/L	730	100	-	-	-	ND (10.0)	ND (5)	ND (5)	-	-	-	-	-	-	-	-
Acenaphthene	ug/L	2190	400	ND (10)	ND (15)	ND (10)	ND (10.0)	ND (5)	ND (5)	-	-	-	-	-	-	-	ND (10)
Anthracene	ug/L	10950	2000	ND (10)	ND (15)	ND (10)	ND (10.0)	ND (5)	ND (5)	-	-	-	-	-	-	-	ND (10)
Benzo(b)fluoranthene	ug/L	0.092098	10	ND (10)	ND (15)	ND (10)	ND (10.0)	ND (5)	ND (5)	-	-	-	-	-	-	-	ND (10)
Benzo(k)fluoranthene	ug/L	0.92098	1	-	ND (15)	ND (10)	ND (10.0)	ND (5)	ND (5)	-	-	-	-	-	-	-	ND (10)
bis(2-Chloroethyl)ether	ug/L	0.06112	10	ND (10)	ND (15)	ND (10)	ND (10.0)	ND (5)	ND (5)	-	-	-	-	-	-	-	ND (10)
bis(2-Ethylhexyl)phthalate	ug/L	6	30	ND (10)	ND (15)	ND (10)	ND (10.0)	ND (5)	ND (5)	-	-	-	-	-	-	-	ND (10)
Di-n-butylphthalate	ug/L	3650	900	ND (10)	ND (15)	ND (10)	ND (10.0)	ND (5)	ND (5)	-	-	-	-	-	-	-	ND (10)
Fluoranthene	ug/L	1460	300	2 J	ND (15)	ND (10)	ND (10.0)	ND (5)	ND (5)	-	-	-	-	-	-	-	0.14 J
Fluorene	ug/L	1460	300	ND (10)	ND (15)	ND (10)	ND (10.0)	ND (5)	ND (5)	-	-	-	-	-	-	-	ND (10)
N-Nitrosodiphenylamine	ug/L	13.72	20	ND (10)	ND (15)	ND (10)	ND (10.0)	ND (5)	ND (5)	-	-	-	-	-	-	-	ND (10)
Naphthalene	ug/L	300	300	120	ND (15)	ND (10)	ND (10.0)	ND (5)	ND (5)	-	-	-	-	-	-	-	ND (10)
Phenanthrene	ug/L	1095	100	2 J	ND (15)	ND (10)	ND (10.0)	ND (5)	ND (5)	-	-	-	-	-	-	-	ND (10)
Pyrene	ug/L	1095	200	2 J	ND (15)	ND (10)	ND (10.0)	ND (5)	ND (5)	-	-	-	-	-	-	-	0.14 J
Total Targeted Compounds	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Semi-Volatile TICS																	
1,2,3,4-Tetrahydro-naphthalene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2,3,4-Tetramethyl-benzene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2,4-Trimethylbenzene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-Ethyl-2-methylbenzene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-Ethyl-4-methylbenzene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1H-Inden-1-one, 2,3-dihydro- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1H-Inden-1-one,2,3-dihydro- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,4,4-Trimethyl-2-pentene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene, 1,3,5-trimethyl- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene, 1-ethyl-2,3-dimethyl- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene, 1-methyl-3-propyl A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene, ethyl-1,2,4-trimeth A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzo(b)thiophene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Carbazole A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cyclohexanone A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cyclopropane, pentyl- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cyclotetrasiloxane, octamethyl- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dimethyl cyclohexane (isomers) A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dodecanamide, n,n-bis(2-hydroxyethyl)- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hexanedioic acid, mono(2-eth A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1H-Indene-1-one, 2,3-dihydro- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Indane A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tetrachloroethene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trichloroethene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown B	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown C	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown D	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Xylene(ortho) A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Semi-Volatile TICS	ug/L			0	0	0	0	0	0	0	0	0	0	0	0	0	0
Volatiles																	
1,1,1-Trichloroethane	ug/L	30	30	-	ND (5.0)	ND (5.0)	ND (5.0)	ND (5)	ND (5)	-	ND (0.2)	-	-	ND (0.2)	-	ND (2.0)	52 [ab]
1,1,2-Trichloroethane	ug/L	3	3	-	ND (5.0)	ND (5.0)	ND (5.0)	ND (3)	ND (3)	-	ND (0.4)	-	-	ND (0.4)	-	ND (4.3)	ND (5.0)
1,1-Dichloroethane	ug/L	50	50	-	ND (5.0)	ND (5.0)	ND (5.0)	ND (5)	ND (5)	-	ND (0.3)	-	-	ND (0.3)	-	ND (3.1)	ND (5.0)
1,1-Dichloroethene	ug/L	2	2	-	ND (5.0)	ND (5.0)	ND (5.0)	ND (2)	ND (2)	-	ND (0.6)	-	-	ND (0.6)	-	ND (5.5)	ND (5.0)
1,2-Dichlorobenzene	ug/L	600	600	-	-	-	-	ND (5)	ND (5)	-	-	-	-	-	-	-	-
1,2-Dichloroethane	ug/L	2	2	-	ND (5.0)	ND (5.0)	ND (5.0)	ND (2)	ND (2)	-	ND (0.2)	-	-	ND (0.2)	-	ND (2.2)	ND (5.0)
1,3-Dichlorobenzene	ug/L	600	600	-	-	-	-	ND (5)	ND (5)	-	-	-	-	-	-	-	-
1,4-Dichlorobenzene	ug/L	75	75	-	-	-	-	ND (5)	ND (5)	-	-	-	-	-	-	-	-
2-Hexanone	ug/L	-	100	-	-	-	-	ND (20)	ND (20)	-	-	-	-	-	-	-	-
4-Methyl-2-pentanone	ug/L	2920	400	-	-	-	-	ND (25)	ND (25)	-	-	-	-	-	-	-	-
Acetone	ug/L	3650	700	-	-	-	-	ND (20)	ND (20)	-	-	-	-	-	-	-	-
Benzene	ug/L	1	1	-	ND (5.0)	ND (5.0)	ND (5.0)	ND (1)	ND (1)	-	ND (0.2)	-	-	ND (0.2)	-	300 [ab]	ND (5.0)
Bromodichloromethane	ug/L	80	1	-	ND (5.0)	ND (5.0)	ND (5.0)	-	-	-	ND (0.2)	-	-	ND (0.2)	-	ND (1.9)	ND (5.0)
Bromoform	ug/L	80	4	-	ND (5.0)	ND (5.0)	ND (5.0)	ND (4)	ND (4)	-	ND (0.3)	-	-	ND (0.3)	-	ND (3.0)	ND (5.0)
Carbon disulfide	ug/L	3650	800	-	-	-	-	ND (5)	ND (5)	-	-	-	-	-	-	-	-
Chlorobenzene	ug/L	50	50	-	ND (5.0)	ND (5.0)	ND (5.0)	ND (4)	ND (4)	-	ND (0.1)	-	-	ND (0.1)	-	350 [ab]	ND (5.0)
Chloroform (Trichloromethane)	ug/L	80	6	-	ND (5.0)	ND (5.0)	ND (5.0)	ND (5)	ND (5)	-	ND (0.2)	-	-	ND (0.2)	-	47 [b]	21 [b]

ANALYTICAL RESULTS SUMMARY OF DETECTED ANALYTES
HISTORIC - GROUNDWATER
LINDEN, NJ

Sample Location:				BEC-3S	BEC-3S	BEC-3S	BEC-3S	BEC-3S	BEC-3S	BEC-3S	BEC-3S	BEC-3S	BEC-3S	BEC-3S	BEC-4B	BEC-4B	BEC-4D
Sample ID:				89001-03-2003	2003	89001-2003	89001-2003	93089-2101	93089-2103	93089-2205	93089-2205	93089-2403	93089-2403	93089-2403	2313	2313	89001-2017
Sample Date:				9/1/89	11/8/90	12/12/90	12/15/90	4/20/94	4/20/94	4/20/95	4/20/95	3/12/96	3/12/96	3/25/96	8/8/95	8/8/95	12/12/90
Analysis Date:				9/11/89	11/8/90	12/12/90	12/15/90	4/20/94	4/20/94	4/20/95	5/1/95	3/12/96	3/13/96	3/25/96	8/8/95	8/14/95	12/12/90
Sample Depth:									Duplicate								
Parameters	Units	EPA a	NJ b														
cis-1,2-Dichloroethene	ug/L	70	70	-	-	-	-	-	-	-	ND (1.0)	-	-	ND (1.0)	-	140 *	-
Cyclobutane, 1,2-diethyl-	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ethylbenzene	ug/L	700	700	-	ND (5.0)	ND (5.0)	ND (5.0)	ND (5)	ND (5)	-	ND (0.2)	-	-	ND (0.2)	-	ND (2.4)	ND (5.0)
m&p-Xylene	ug/L	-	-	-	-	-	-	ND (5)	ND (5)	-	-	-	-	-	-	-	-
Methyl Tert Butyl Ether	ug/L	70	70	-	-	-	-	ND (5)	ND (5)	-	-	-	-	ND (1.0)	-	ND (10)	-
Methylene chloride	ug/L	3	3	-	ND (5.0)	ND (5.0)	ND (5.0)	ND (2)	ND (2)	-	ND (1.0)	-	-	ND (1.0)	-	62 *	ND (5.0)
o-Xylene	ug/L	-	-	-	-	-	-	ND (5)	ND (5)	-	-	-	-	-	-	-	-
Synthetic Organic Compounds (cancer)	ug/L	-	-	-	ND (10)	ND (10)	ND (10)	ND (5)	-	-	-	-	-	-	-	-	ND (10)
Synthetic Organic Compounds (non-cancer)	ug/L	-	-	-	ND (10)	ND (10)	ND (10)	ND (20)	-	5.6	-	ND (1)	-	-	ND (10)	-	30
Tetrachloroethene	ug/L	1	1	-	ND (5.0)	ND (5.0)	ND (5.0)	ND (1)	ND (1)	-	ND (0.1)	-	-	ND (0.1)	-	24 *	ND (5.0)
Toluene	ug/L	1000	1000	-	ND (5.0)	ND (5.0)	ND (5.0)	ND (5)	ND (5)	-	ND (0.2)	-	-	ND (0.2)	-	ND (1.8)	88
Total Targeted Compounds	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total VOCS	ug/L	-	-	-	-	ND	-	30	ND (28)	-	-	-	-	ND	-	-	-
trans-1,2-Dichloroethene	ug/L	100	100	-	ND (5.0)	ND (5.0)	ND (5.0)	ND (5)	ND (5)	-	ND (0.3)	-	-	ND (0.3)	-	59	ND (5.0)
trans-1,3-Dichloropropene	ug/L	-	-	-	ND (5.0)	ND (5.0)	ND (5.0)	ND (5)	ND (5)	-	ND (0.3)	-	-	ND (0.3)	-	ND (3.1)	ND (5.0)
Trichloroethene	ug/L	1	1	-	ND (5.0)	ND (5.0)	ND (5.0)	30 *	28 *	-	ND (0.4)	-	-	ND (0.4)	-	1100 *	1.4 J *
Vinyl chloride	ug/L	2	5	-	ND (10)	ND (10)	ND (10.0)	ND (5)	ND (5)	-	ND (0.4)	-	-	ND (0.4)	-	34 *	ND (10)
Xylene (total)	ug/L	1000	1000	-	ND (5.0)	ND (5.0)	ND (5.0)	-	-	-	ND (1.0)	-	-	ND (1.0)	-	ND (10)	ND (5.0)
Volatile TICS																	
1,2,3,4-Tetramethyl-benzene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2,3,5-Tetramethylbenzene A	ug/L	-	-	12 J	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2,3-Trimethylbenzene A	ug/L	-	-	65 J	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2,4-Trimethylbenzene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2-Dichlorobenzene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	99	-
1,4-Hexdiene, 2,3-dimethyl- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,4-Methanonaphthalene, 1,4- A	ug/L	-	-	14 J	-	-	-	-	-	-	-	-	-	-	-	-	-
1,4-Pentadiene, 2,3,4-trimet A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,4-Pentadiene, 2,3,4-trimet B	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-Ethenyl-2-methyl-benzene A	ug/L	-	-	60 J	-	-	-	-	-	-	-	-	-	-	-	-	-
1-Ethyl-2-methylbenzene A	ug/L	-	-	64 J	-	-	-	-	-	-	-	-	-	-	-	-	-
1-Ethyl-3-methylbenzene A	ug/L	-	-	84 J	-	-	-	-	-	-	-	-	-	-	-	-	-
1-Ethyl-4-methylbenzene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-Ethyl-4-methylbenzene B	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-Hexane, 5,5-dimethyl- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-Methylethyl-benzene A	ug/L	-	-	46 J	-	-	-	-	-	-	-	-	-	-	-	-	-
1-Methylethyl-benzene B	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-Pentene, 3,4-dimethyl- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1H-Inden-1-one, 2,3-dihydro- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1H-Inden-1-one, 2,3-dihydro- B	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1H-Inden-5-ol, 2,3-dihydro- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1H-Indene, 2,3-dihydro-1,2-d A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1H-Indene, 2,3-dihydro-1,6-d A	ug/L	-	-	10 J	-	-	-	-	-	-	-	-	-	-	-	-	-
1H-Indene, 2,3-dihydro-4-met A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1H-Pyrazole, 4,5-dihydro-1,5 A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Methyl naphthalene A	ug/L	-	-	37 J	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Methylbutane A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Methylpentane A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11
2,3-dihydro-dimethyl-1H-Indene Isomer A	ug/L																
3-Hexene, 2,2-dimethyl-, (Z)- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3-Hepten-2-one A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Ethyl-1,2-dimethylbenzene A	ug/L	-	-	10 J	-	-	-	-	-	-	-	-	-	-	-	-	-
Acetone A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene, 1,2,4,5-tetramethyl A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene, 1,2-diethyl- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene, 1-ethyl-2,3-dimethyl- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene, 1-ethylpropyl- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene, 1-methyl-3-(1-methylethyl)- A	ug/L	-	-	86 J	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene, 1-methyl-3-(1-methylethyl)- B	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene, 1-methyl-3-propyl A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene, 1-methylpropyl- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene, 2-ethenyl-1,4-dimet A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene, 2-ethly-1,4-dimethy A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzyl Alcohol A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Butane, 1-(1-methylpropoxy)- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Butane, 2-ethoxy- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C6H14 Alkane A	ug/L																
C8H14 Hydrocarbon A	ug/L																
C8H16 Cycloalkane A	ug/L																
C8H16 Cycloalkane B	ug/L																
C9H10 aromatic A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C9H10 Aromatic/C10H14 Aromatic	ug/L																
C9H18 Cycloalkane A	ug/L																
C10H12 aromatic A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C10H12 aromatic B	ug/L																
C10H12 aromatic C	ug/L																
C10H12 aromatic D	ug/L																
Cycloheptane, methyl- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cyclohexane A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10
Cyclopentene, 4,4-dimethyl- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cyclopropane, 1-(2-methylbut)- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY OF DETECTED ANALYTES
HISTORIC - GROUNDWATER
LINDEN, NJ

Sample Location:				BEC-3S	BEC-3S	BEC-3S	BEC-3S	BEC-3S	BEC-3S	BEC-3S	BEC-3S	BEC-3S	BEC-3S	BEC-3S	BEC-4D	BEC-4D	BEC-4D
Sample ID:				89001-03-2003	2003	89001-2003	89001-2003	93089-2101	93089-2103	93089-2205	93089-2205	93089-2403	93089-2403	93089-2403	2313	2313	89001-2017
Sample Date:				9/1/89	11/8/90	12/12/90	12/15/90	4/20/94	4/20/94	4/20/95	4/20/95	3/12/96	3/12/96	3/13/96	3/25/96	8/8/95	8/8/95	12/12/90
Analysis Date:				9/11/89	11/8/90	12/12/90	12/15/90	4/20/94	4/20/94	4/20/95	5/1/95	3/12/96	3/13/96	3/25/96	8/8/95	8/14/95	12/12/90
Sample Depth:																	
Parameters	*Units*	*EPA* a	*NJ* b						*Duplicate*								
Cyclotetrasiloxane, octamethyl- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Diethylbenzene Isomer A	ug/L																
Diisopropyl ether A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	47	-
Dimethyl cyclohexane (isomers) A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dodecanamide, n,n-bis(2-hydroxyethyl)- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ether A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	730	-
Ethyl Methyl Benzene B	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ethylcyclobutane A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	17
Ethylmethyl benzene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ethylmethyl benzene B	ug/L																
Hexane A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	12
H-Indene-1-one, 2,3-dihydro- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Indan, 1-methyl- A	ug/L	-	-	20 J	-	-	-	-	-	-	-	-	-	-	-	-	-
Indane A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Naphthalene, 1,2,3,4-tetrahy A	ug/L	-	-	10 J	-	-	-	-	-	-	-	-	-	-	-	-	-
Tetrahydrofuran A	ug/L	-	-	-	8.2	-	-	-	-	-	-	-	-	-	-	-	-
Toluene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	13
Trichloroethene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trimethylbenzene Isomer A	ug/L																
Trimethylbenzene Isomer B	ug/L																
Unknown A	ug/L	-	-	14 J	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown B	ug/L	-	-	16 J	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown C	ug/L	-	-	25 J	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown D	ug/L	-	-	12 J	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown Aldehyde A	ug/L	-	-	-	-	-	-	-	-	-	5.6	-	-	-	-	-	-
Unknown Aldehyde B	ug/L										6.0						
Unknown Alkane A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown Alkane B	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown C10H20 A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown C8H16 A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown Hydrocarbon A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown Hydrocarbon B	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown isomer of trimethyl benzene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Xylene(ortho) A	ug/L	-	-	54 J	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Volatile TICS	ug/L			639	8.199999809	0	0	0	0	0	11.6	0	0	0	0	876	63

ANALYTICAL RESULTS SUMMARY OF DETECTED ANALYTES
HISTORIC - GROUNDWATER
LINDEN, NJ

Sample Location:				BEC-4D	BEC-4D	BEC-4S	BEC-4S	BEC-4S	BEC-4S	BEC-4S	BEC-4S	BEC-4S	BEC-5D	BEC-5D	BEC-5S	BEC-5S
Sample ID:				93089-2304	93089-2304	89001-03-2004	89001-03-2004	89001-03-2004	2004	89001-2004	93089-2314	93089-2314	93089-2305	93089-2305	89001-03-2005	89001-03-2005
Sample Date:				8/10/95	8/10/95	9/1/89	9/1/89	9/1/89	11/8/90	12/12/90	8/10/95	8/16/95	8/9/95	8/9/95	9/1/89	9/1/89
Analysis Date:				8/10/95	8/16/95	9/1/89	9/5/89	9/13/89	11/8/90	12/12/90	8/10/95	8/16/95	8/9/95	8/15/95	9/1/89	9/6/89
Sample Depth:																
Parameters	*Units*	*EPA* a	*NJ* b													
Metals																
Chromium	mg/L	0.1	0.1	-	-	-	-	-	-	-	-	-	-	-	-	-
Copper	mg/L	1.3	1	-	-	-	-	-	-	-	-	-	-	-	-	-
Lead	mg/L	0.015	0.01	-	-	-	-	-	-	-	-	-	-	-	-	-
Zinc	mg/L	10.95	5	-	-	-	-	-	-	-	-	-	-	-	-	-
Semi-Volatiles																
1,2-Dichlorobenzene	ug/L	600	600	-	-	-	-	ND (10.0)	ND (15)	ND (10)	-	-	-	-	-	-
1,3-Dichlorobenzene	ug/L	600	600	-	-	-	-	ND (10.0)	ND (15)	ND (10)	-	-	-	-	-	-
1,4-Dichlorobenzene	ug/L	75	75	-	-	-	-	ND (10.0)	ND (15)	ND (10)	-	-	-	-	-	-
2,2'-oxybis(1-Chloropropane)	ug/L	0.9604	300	-	-	-	-	ND (10.0)	ND (15)	ND (10)	-	-	-	-	-	-
2-Methyl naphthalene	ug/L	730	100	-	-	-	-	-	-	-	-	-	-	-	-	-
Acenaphthene	ug/L	2190	400	-	-	-	-	ND (10.0)	ND (15)	ND (10)	-	-	-	-	-	-
Anthracene	ug/L	10950	2000	-	-	-	-	ND (10.0)	ND (15)	ND (10)	-	-	-	-	-	-
Benzo(b)fluoranthene	ug/L	0.092098	10	-	-	-	-	ND (10.0)	ND (15)	ND (10)	-	-	-	-	-	-
Benzo(k)fluoranthene	ug/L	0.92098	1	-	-	-	-	-	ND (15)	ND (10)	-	-	-	-	-	-
bis(2-Chloroethyl)ether	ug/L	0.06112	10	-	-	-	-	ND (10.0)	ND (15)	ND (10)	-	-	-	-	-	-
bis(2-Ethylhexyl)phthalate	ug/L	6	30	-	-	-	-	ND (10.0)	ND (15)	ND (10)	-	-	-	-	-	-
Di-n-butylphthalate	ug/L	3650	900	-	-	-	-	ND (10.0)	ND (15)	ND (10)	-	-	-	-	-	-
Fluoranthene	ug/L	1460	300	-	-	-	-	ND (10.0)	ND (15)	ND (10)	-	-	-	-	-	-
Fluorene	ug/L	1460	300	-	-	-	-	ND (10.0)	ND (15)	ND (10)	-	-	-	-	-	-
N-Nitrosodiphenylamine	ug/L	13.72	20	-	-	-	-	ND (10.0)	ND (15)	ND (10)	-	-	-	-	-	-
Naphthalene	ug/L	300	300	-	-	-	-	2 J	ND (15)	ND (10)	-	-	-	-	-	-
Phenanthrene	ug/L	1095	100	-	-	-	-	ND (10.0)	ND (15)	ND (10)	-	-	-	-	-	-
Pyrene	ug/L	1095	200	-	-	-	-	ND (10.0)	ND (15)	ND (10)	-	-	-	-	-	-
Total Targeted Compounds	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Semi-Volatile TICS																
1,2,3,4-Tetrahydro-naphthalene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2,3,4-Tetramethyl-benzene A	ug/L	-	-	-	-	-	-	6 J	-	-	-	-	-	-	-	-
1,2,4-Trimethylbenzene A	ug/L	-	-	-	-	-	-	16 J	-	-	-	-	-	-	-	-
1-Ethyl-2-methylbenzene A	ug/L	-	-	-	-	-	-	11 J	-	-	-	-	-	-	-	-
1-Ethyl-4-methylbenzene A	ug/L	-	-	-	-	-	-	12 J	-	-	-	-	-	-	-	-
1H-Inden-1-one, 2,3-dihydro- A	ug/L	-	-	-	-	-	-	5 J	-	-	-	-	-	-	-	-
1H-Inden-1-one,2,3-dihydro- A	ug/L	-	-	-	-	-	-	8 J	-	-	-	-	-	-	-	-
2,4,4-Trimethyl-2-pentene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene, 1,3,5-trimethyl- A	ug/L	-	-	-	-	-	-	13 J	-	-	-	-	-	-	-	-
Benzene, 1-ethyl-2,3-dimethyl- A	ug/L	-	-	-	-	-	-	11 J	-	-	-	-	-	-	-	-
Benzene, 1-methyl-3-propyl A	ug/L	-	-	-	-	-	-	7 J	-	-	-	-	-	-	-	-
Benzene, ethyl-1,2,4-trimeth A	ug/L	-	-	-	-	-	-	6 J	-	-	-	-	-	-	-	-
Benzo(b)thiophene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Carbazole A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cyclohexanone A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cyclopropane, pentyl- A	ug/L	-	-	-	-	-	-	6 J	-	-	-	-	-	-	-	-
Cyclotetrasiloxane, octamethyl- A	ug/L	-	-	-	-	-	-	7 J	-	-	-	-	-	-	-	-
Dimethyl cyclohexane (isomers) A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dodecanamide, n,n-bis(2-hydroxyethyl)- A	ug/L	-	-	-	-	-	-	17 J	-	-	-	-	-	-	-	-
Hexanedioic acid, mono(2-eth A	ug/L	-	-	-	-	-	-	26 J	-	-	-	-	-	-	-	-
1H-Indene-1-one, 2,3-dihydro- A	ug/L	-	-	-	-	-	-	8 J	-	-	-	-	-	-	-	-
Indane A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tetrachloroethene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trichloroethene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown A	ug/L	-	-	-	-	-	-	7 J	-	10	-	-	-	-	-	-
Unknown B	ug/L	-	-	-	-	-	-	9 J	-	-	-	-	-	-	-	-
Unknown C	ug/L	-	-	-	-	-	-	7 J	-	-	-	-	-	-	-	-
Unknown D	ug/L	-	-	-	-	-	-	9 J	-	-	-	-	-	-	-	-
Xylene(ortho) A	ug/L	-	-	-	-	-	-	34 J	-	-	-	-	-	-	-	-
Total Semi-Volatile TICS	ug/L			0	0	0	0	225	0	10	0	0	0	0	0	0
Volatiles																
1,1,1-Trichloroethane	ug/L	30	30	-	8.0	-	9	-	ND (5.0)	ND (5.0)	-	ND (0.2)	-	ND (0.4)	-	ND (5.0)
1,1,2-Trichloroethane	ug/L	3	3	-	ND (0.4)	-	ND (5.0)	-	ND (5.0)	ND (5.0)	-	ND (0.4)	-	ND (0.9)	-	ND (5.0)
1,1-Dichloroethane	ug/L	50	50	-	ND (0.3)	-	ND (5.0)	-	ND (5.0)	ND (5.0)	-	ND (0.3)	-	ND (0.6)	-	ND (5.0)
1,1-Dichloroethene	ug/L	2	2	-	ND (0.6)	-	ND (5.0)	-	ND (5.0)	ND (5.0)	-	ND (0.6)	-	ND (1.1)	-	ND (5.0)
1,2-Dichlorobenzene	ug/L	600	600	-	-	-	ND (5.0)	-	-	-	-	-	-	-	-	ND (5.0)
1,2-Dichloroethane	ug/L	2	2	-	ND (0.2)	-	ND (5.0)	-	ND (5.0)	ND (5.0)	-	ND (0.2)	-	12 ab	-	ND (5.0)
1,3-Dichlorobenzene	ug/L	600	600	-	-	-	ND (5.0)	-	-	-	-	-	-	-	-	ND (5.0)
1,4-Dichlorobenzene	ug/L	75	75	-	-	-	433 ab	-	-	-	-	-	-	-	-	ND (5.0)
2-Hexanone	ug/L	-	100	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Methyl-2-pentanone	ug/L	2920	400	-	-	-	-	-	-	-	-	-	-	-	-	-
Acetone	ug/L	3650	700	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene	ug/L	1	1	-	ND (0.2)	-	20 ab	-	ND (5.0)	ND (5.0)	-	ND (0.2)	-	ND (0.5)	-	11 ab
Bromodichloromethane	ug/L	80	1	-	ND (0.2)	-	ND (5.0)	-	ND (5.0)	ND (5.0)	-	ND (0.2)	-	ND (0.4)	-	ND (5.0)
Bromoform	ug/L	80	4	-	ND (0.3)	-	ND (5.0)	-	ND (5.0)	ND (5.0)	-	ND (0.3)	-	ND (0.6)	-	ND (5.0)
Carbon disulfide	ug/L	3650	800	-	-	-	-	-	-	-	-	-	-	-	-	-
Chlorobenzene	ug/L	50	50	-	ND (0.1)	-	ND (5.0)	-	ND (5.0)	ND (5.0)	-	ND (0.1)	-	9.0	-	ND (5.0)
Chloroform (Trichloromethane)	ug/L	80	6	-	1.8	-	ND (2.0)	-	ND (5.0)	1.3 J	-	ND (0.2)	-	3.1	-	ND (2.0)

ANALYTICAL RESULTS SUM OF DETECTED ANALYTES
HISTORIC - GROUNDWATER
LINDEN, NJ

Sample Location:				BEC-4D	BEC-4D	BEC-4S	BEC-4S	BEC-4S	BEC-4S	BEC-4S	BEC-4S	BEC-4S	BEC-5D	BEC-5D	BEC-5S	BEC-5S
Sample ID:				93089-2304	93089-2304	89001-03-2004	89001-03-2004	89001-03-2004	2004	89001-2004	93089-2314	93089-2314	93089-2305	93089-2305	89001-03-2005	89001-03-2005
Sample Date:				8/10/95	8/10/95	9/1/89	9/1/89	9/1/89	11/8/90	12/12/90	8/10/95	8/16/95	8/9/95	8/9/95	9/1/89	9/1/89
Analysis Date:				8/10/95	8/16/95	9/1/89	9/5/89	9/13/89	11/8/90	12/12/90	8/10/95	8/16/95	8/9/95	8/15/95	9/1/89	9/6/89
Sample Depth:																
Parameters	**Units**	**EPA a**	**NJ b**													
cis-1,2-Dichloroethene	ug/L	70	70	-	ND (1.0)	-	-	-	-	-	-	ND (1.0)	-	18	-	-
Cyclobutane, 1,2-diethyl-	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ethylbenzene	ug/L	700	700	-	ND (0.2)	-	ND (5.0)	-	ND (5.0)	ND (5.0)	-	ND (0.2)	-	ND (0.5)	-	ND (5.0)
m&p-Xylene	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Methyl Tert Butyl Ether	ug/L	70	70	-	ND (1.0)	-	-	-	-	-	-	ND (1.0)	-	ND (2.0)	-	-
Methylene chloride	ug/L	3	3	-	ND (1.0)	-	8 B[ab]	-	ND (5.0)	ND (5.0)	-	ND (1.0)	-	ND (2.1)	-	ND (4.0)
o-Xylene	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Synthetic Organic Compounds (cancer)	ug/L	-	-	-	-	ND (10)	-	-	ND (10)	ND (10)	-	-	-	-	ND (10)	-
Synthetic Organic Compounds (non-cancer)	ug/L	-	-	ND (1)	-	760	-	-	ND (10)	ND (10)	ND (1)	-	ND (2.1)	-	960	-
Tetrachloroethene	ug/L	1	1	-	0.2	-	ND (5.0)	-	ND (5.0)	ND (5.0)	-	ND (0.1)	-	6.0[ab]	-	ND (5.0)
Toluene	ug/L	1000	1000	-	ND (0.2)	-	1 J	-	ND (5.0)	ND (5.0)	-	ND (0.2)	-	ND (0.4)	-	2 J
Total Targeted Compounds	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total VOCS	ug/L	-	-	-	-	-	-	-	-	ND	-	-	-	-	-	-
trans-1,2-Dichloroethene	ug/L	100	100	-	ND (0.3)	-	ND (5.0)	-	ND (5.0)	ND (5.0)	-	ND (0.3)	-	5.0	-	ND (5.0)
trans-1,3-Dichloropropene	ug/L	-	-	-	ND (0.3)	-	-	-	ND (5.0)	ND (5.0)	-	ND (0.3)	-	ND (0.6)	-	-
Trichloroethene	ug/L	1	1	-	7.5[ab]	-	ND (5.0)	-	ND (5.0)	ND (5.0)	-	ND (0.4)	-	120[ab]	-	ND (5.0)
Vinyl chloride	ug/L	2	5	-	ND (0.4)	-	ND (10.0)	-	ND (10)	ND (10)	-	ND (0.4)	-	ND (0.8)	-	ND (10.0)
Xylene (total)	ug/L	1000	1000	-	ND (1.0)	-	7	-	ND (5.0)	ND (5.0)	-	ND (1.0)	-	ND (2.0)	-	5
Volatile TICS																
1,2,3,4-Tetramethyl-benzene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	20
1,2,3,5-Tetramethylbenzene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2,3-Trimethylbenzene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2,4-Trimethylbenzene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2-Dichlorobenzene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,4-Hexdiene, 2,3-dimethyl- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	46
1,4-Methanonaphthalene, 1,4- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,4-Pentadiene, 2,3,4-trimet A	ug/L	-	-	-	-	-	26	-	-	-	-	-	-	-	-	25
1,4-Pentadiene, 2,3,4-trimet B	ug/L	-	-	-	-	-	42	-	-	-	-	-	-	-	-	-
1-Ethenyl-2-methyl-benzene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-Ethyl-2-methylbenzene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-Ethyl-3-methylbenzene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-Ethyl-4-methylbenzene A	ug/L	-	-	-	-	-	19	-	-	-	-	-	-	-	-	-
1-Ethyl-4-methylbenzene B	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-Hexane, 5,5-dimethyl- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	48
1-Methylethyl-benzene A	ug/L	-	-	-	-	-	22	-	-	-	-	-	-	-	-	-
1-Methylethyl-benzene B	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-Pentene, 3,4-dimethyl- A	ug/L	-	-	-	-	-	44	-	-	-	-	-	-	-	-	-
1H-Inden-1-one, 2,3-dihydro- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1H-Inden-1-one, 2,3-dihydro- B	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1H-Inden-5-ol, 2,3-dihydro- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1H-Indene, 2,3-dihydro-1,2-d A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1H-Indene, 2,3-dihydro-1,6-d A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1H-Indene, 2,3-dihydro-4-met A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1H-Pyrazole, 4,5-dihydro-1,5 A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	28
2-Methyl naphthalene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Methylbutane A	ug/L	-	-	-	-	-	120	-	-	-	-	-	-	-	-	170
2-Methylpentane A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,3-dihydro-dimethyl-1H-Indene Isomer A	ug/L															
3-Hexene, 2,2-dimethyl-, (Z)- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3-Hepten-2-one A	ug/L	-	-	-	-	-	25	-	-	-	-	-	-	-	-	64
4-Ethyl-1,2-dimethylbenzene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Acetone A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene, 1,2,4,5-tetramethyl A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene, 1,2-diethyl- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene, 1-ethyl-2,3-dimethyl- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene, 1-ethylpropyl- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene, 1-methyl-3-(1-methylethyl)- A	ug/L	-	-	-	-	-	17	-	-	-	-	-	-	-	-	34
Benzene, 1-methyl-3-(1-methylethyl)- B	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene, 1-methyl-3-propyl A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene, 1-methylpropyl- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene, 2-ethenyl-1,4-dimet A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	14
Benzene, 2-ethly-1,4-dimethy A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzyl Alcohol A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Butane, 1-(1-methylpropoxy)- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	38
Butane, 2-ethoxy- A	ug/L	-	-	-	-	-	45	-	-	-	-	-	-	-	-	-
C6H14 Alkane A	ug/L															
C8H14 Hydrocarbon A	ug/L															
C8H16 Cycloalkane A	ug/L															
C8H16 Cycloalkane B	ug/L															
C9H10 aromatic A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C9H10 Aromatic/C10H14 Aromatic	ug/L															
C9H18 Cycloalkane A	ug/L															
C10H12 aromatic A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C10H12 aromatic B	ug/L															
C10H12 aromatic C	ug/L															
C10H12 aromatic D	ug/L															
Cycloheptane, methyl- A	ug/L	-	-	-	-	-	16	-	-	-	-	-	-	-	-	45
Cyclohexane A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cyclopentene, 4,4-dimethyl- A	ug/L	-	-	-	-	-	19	-	-	-	-	-	-	-	-	-
Cyclopropane, 1-(2-methylbut)- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY OF DETECTED ANALYTES
HISTORIC - GROUNDWATER
LINDEN, NJ

Sample Location:				BEC-4D	BEC-4D	BEC-4S	BEC-4S	BEC-4S	BEC-4S	BEC-4S	BEC-4S	BEC-4S	BEC-5D	BEC-5D	BEC-5S	BEC-5S
Sample ID:				93089-2304	93089-2304	89001-03-2004	89001-03-2004	89001-03-2004	2004	89001-2004	93089-2314	93089-2314	93089-2305	93089-2305	89001-03-2005	89001-03-2005
Sample Date:				8/10/95	8/10/95	9/1/89	9/1/89	9/1/89	11/8/90	12/12/90	8/10/95	8/10/95	8/9/95	8/9/95	9/1/89	9/1/89
Analysis Date:				8/10/95	8/16/95	9/1/89	9/5/89	9/13/89	11/8/90	12/12/90	8/10/95	8/16/95	8/9/95	8/15/95	9/1/89	9/6/89
Sample Depth:																
Parameters	*Units*	*EPA* a	*NJ* b													
Cyclotetrasiloxane, octamethyl- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Diethylbenzene Isomer A	ug/L															
Diisopropyl ether A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dimethyl cyclohexane (isomers) A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dodecanamide, n,n-bis(2-hydroxyethyl)- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ether A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ethyl Methyl Benzene B	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	26	-	-
Ethylcyclobutane A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ethylmethyl benzene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ethylmethyl benzene B	ug/L															
Hexane A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
H-Indene-1-one, 2,3-dihydro- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	19
Indan, 1-methyl- A	ug/L	-	-	-	-	-	25	-	-	-	-	-	-	-	-	48
Indane A	ug/L	-	-	-	-	-	48	-	-	-	-	-	-	-	-	75
Naphthalene, 1,2,3,4-tetrahy A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tetrahydrofuran A	ug/L	-	-	-	-	-	-	-	26	-	-	-	-	-	-	-
Toluene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trichloroethene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trimethylbenzene Isomer A	ug/L															
Trimethylbenzene Isomer B	ug/L															
Unknown A	ug/L	-	-	-	-	-	51	-	-	-	-	-	-	-	-	24
Unknown B	ug/L	-	-	-	-	-	72	-	-	-	-	-	-	-	-	-
Unknown C	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown D	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown Aldehyde A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown Aldehyde B	ug/L															
Unknown Alkane A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown Alkane B	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown C10H20 A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown C8H16 A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown Hydrocarbon A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown Hydrocarbon B	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown isomer of trimethyl benzene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Xylene(ortho) A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Volatile TICS	ug/L			0	0	0	591	0	26	0	0	0	0	26	0	698

ANALYTICAL RESULTS SUM[illegible] OF DETECTED ANALYTES
HISTORIC - GROUNDWATER
LINDEN, NJ

Sample Location:				BEC-5S	BEC-5S	BEC-5S	BEC-5S	BEC-5S	BEC-5S	BEC-5S	BEC-5S	BEC-5S	BEC-5S	BEC-5S	BEC-6D	BEC-6D	BEC-6S
Sample ID:				89001-03-2005	2005	89001-2005	93089-2102	93089-2203	93089-2203	93089-2404	93089-2404	93089-2404	93089-2405DUP	93089-2405DUP	2306	2306	2006
Sample Date:				9/1/89	11/8/90	12/12/90	4/20/94	4/20/95	4/20/95	3/12/96	3/12/96	3/12/96	3/12/96	3/12/96	8/9/95	8/9/95	11/8/90
Analysis Date:				9/11/89	11/8/90	12/12/90	4/20/94	4/20/95	5/2/95	3/12/96	3/13/96	3/25/96	3/13/96	3/25/96	8/9/95	8/14/95	11/8/90
Sample Depth:																	
Parameters	Units	EPA a	NJ b										Duplicate	Duplicate			
Metals																	
Chromium	mg/L	0.1	0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Copper	mg/L	1.3	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Lead	mg/L	0.015	0.01	-	-	-	0.044 *	-	0.0527 *	-	0.0109 *	-	0.0145 *	-	-	-	-
Zinc	mg/L	10.95	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Semi-Volatiles																	
1,2-Dichlorobenzene	ug/L	600	600	ND (10.0)	ND (30)	ND (10)	ND (5)	-	-	-	-	-	-	-	-	-	ND (10)
1,3-Dichlorobenzene	ug/L	600	600	ND (10.0)	ND (30)	ND (10)	ND (5)	-	-	-	-	-	-	-	-	-	ND (10)
1,4-Dichlorobenzene	ug/L	75	75	ND (10.0)	ND (30)	ND (10)	ND (5)	-	-	-	-	-	-	-	-	-	ND (10)
2,2'-oxybis(1-Chloropropane)	ug/L	0.9604	300	ND (10.0)	ND (30)	ND (10)	ND (5)	-	-	-	-	-	-	-	-	-	ND (10)
2-Methyl naphthalene	ug/L	730	100	-	-	-	ND (5)	-	-	-	-	-	-	-	-	-	-
Acenaphthene	ug/L	2190	400	ND (10.0)	ND (30)	ND (10)	ND (5)	-	-	-	-	-	-	-	-	-	ND (10)
Anthracene	ug/L	10950	2000	ND (10.0)	ND (30)	ND (10)	ND (5)	-	-	-	-	-	-	-	-	-	ND (10)
Benzo(b)fluoranthene	ug/L	0.092098	10	ND (10.0)	ND (30)	ND (10)	ND (5)	-	-	-	-	-	-	-	-	-	ND (10)
Benzo(k)fluoranthene	ug/L	0.92098	1	-	ND (30)	ND (10)	ND (5)	-	-	-	-	-	-	-	-	-	ND (10)
bis(2-Chloroethyl)ether	ug/L	0.06112	10	ND (10.0)	ND (30)	ND (10)	ND (5)	-	-	-	-	-	-	-	-	-	ND (10)
bis(2-Ethylhexyl)phthalate	ug/L	6	30	ND (10.0)	ND (30)	4.8 J	ND (5)	-	-	-	-	-	-	-	-	-	ND (10)
Di-n-butylphthalate	ug/L	3650	900	6 BJ	ND (30)	ND (10)	ND (5)	-	-	-	-	-	-	-	-	-	ND (10)
Fluoranthene	ug/L	1460	300	ND (10.0)	ND (30)	ND (10)	ND (5)	-	-	-	-	-	-	-	-	-	ND (10)
Fluorene	ug/L	1460	300	ND (10.0)	ND (30)	ND (10)	ND (5)	-	-	-	-	-	-	-	-	-	ND (10)
N-Nitrosodiphenylamine	ug/L	13.72	20	ND (10.0)	ND (30)	ND (10)	ND (5)	-	-	-	-	-	-	-	-	-	ND (10)
Naphthalene	ug/L	300	300	ND (10.0)	ND (30)	ND (10)	ND (5)	-	-	-	-	-	-	-	-	-	ND (10)
Phenanthrene	ug/L	1095	100	ND (10.0)	ND (30)	ND (10)	ND (5)	-	-	-	-	-	-	-	-	-	ND (10)
Pyrene	ug/L	1095	200	ND (10.0)	ND (30)	ND (10)	ND (5)	-	-	-	-	-	-	-	-	-	ND (10)
Total Targeted Compounds	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Semi-Volatile TICS																	
1,2,3,4-Tetrahydro-naphthalene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2,3,4-Tetramethyl-benzene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2,4-Trimethylbenzene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-Ethyl-2-methylbenzene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-Ethyl-4-methylbenzene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1H-Indene-1-one, 2,3-dihydro- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1H-Indene-1-one,2,3-dihydro- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,4,4-Trimethyl-2-pentene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene, 1,3,5-trimethyl- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene, 1-ethyl-2,3-dimethyl- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene, 1-methyl-3-propyl A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene, ethyl-1,2,4-trimeth A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzo(b)thiophene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Carbazole A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cyclohexanone A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cyclopropane, pentyl- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cyclotetrasiloxane, octamethyl- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dimethyl cyclohexane (isomers) A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dodecanamide, n,n-bis(2-hydroxyethyl)- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hexanedioic acid, mono(2-eth A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1H-Indene-1-one, 2,3-dihydro- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Indane A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tetrachloroethene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trichloroethene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown A	ug/L	-	-	-	-	5	-	-	-	-	-	-	-	-	-	-	-
Unknown B	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown C	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown D	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Xylene(ortho) A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Semi-Volatile TICS	ug/L			0	0	5	0	0	0	0	0	0	0	0	0	0	0
Volatiles																	
1,1,1-Trichloroethane	ug/L	30	30	-	ND (5.0)	ND (5.0)	ND (5)	-	ND (0.2)	-	-	ND (0.2)	-	ND (0.2)	-	ND (0.2)	ND (5.0)
1,1,2-Trichloroethane	ug/L	3	3	-	ND (5.0)	ND (5.0)	ND (3)	-	ND (0.4)	-	-	ND (0.4)	-	ND (0.4)	-	ND (0.4)	ND (5.0)
1,1-Dichloroethane	ug/L	50	50	-	ND (5.0)	ND (5.0)	ND (5)	-	ND (0.3)	-	-	ND (0.3)	-	ND (0.3)	-	ND (0.3)	ND (5.0)
1,1-Dichloroethene	ug/L	2	2	-	ND (5.0)	ND (5.0)	ND (2)	-	ND (0.6)	-	-	ND (0.6)	-	ND (0.6)	-	ND (0.6)	ND (5.0)
1,2-Dichlorobenzene	ug/L	600	600	-	-	-	ND (5)	-	-	-	-	-	-	-	-	-	-
1,2-Dichloroethane	ug/L	2	2	-	ND (5.0)	ND (5.0)	ND (2)	-	ND (0.2)	-	-	ND (0.2)	-	ND (0.2)	-	1.2	ND (5.0)
1,3-Dichlorobenzene	ug/L	600	600	-	-	-	1 J	-	-	-	-	-	-	-	-	-	-
1,4-Dichlorobenzene	ug/L	75	75	-	-	-	ND (5)	-	-	-	-	-	-	-	-	-	-
2-Hexanone	ug/L	-	100	-	-	-	ND (20)	-	-	-	-	-	-	-	-	-	-
4-Methyl-2-pentanone	ug/L	2920	400	-	-	-	ND (25)	-	-	-	-	-	-	-	-	-	-
Acetone	ug/L	3650	700	-	-	-	9 J	-	-	-	-	-	-	-	-	-	-
Benzene	ug/L	1	1	-	ND (5.0)	ND (5.0)	ND (1)	-	ND (0.2)	-	-	ND (0.2)	-	ND (0.2)	-	ND (0.2)	ND (5.0)
Bromodichloromethane	ug/L	80	1	-	ND (5.0)	ND (5.0)	-	-	ND (0.2)	-	-	ND (0.2)	-	ND (0.2)	-	ND (0.2)	ND (5.0)
Bromoform	ug/L	80	4	-	ND (5.0)	ND (5.0)	ND (4)	-	ND (0.3)	-	-	ND (0.3)	-	ND (0.3)	-	ND (0.3)	ND (5.0)
Carbon disulfide	ug/L	3650	800	-	-	-	ND (5)	-	-	-	-	-	-	-	-	-	-
Chlorobenzene	ug/L	50	50	-	ND (5.0)	ND (5.0)	ND (4)	-	ND (0.1)	-	-	ND (0.1)	-	ND (0.1)	-	1.7	ND (5.0)
Chloroform (Trichloromethane)	ug/L	80	6	-	ND (5.0)	ND (5.0)	ND (5)	-	ND (0.2)	-	-	ND (0.2)	-	ND (0.2)	-	ND (0.2)	ND (5.0)

TABLE 6.2

ANALYTICAL RESULTS SUMMARY OF DETECTED ANALYTES
HISTORIC - GROUNDWATER
LINDEN, NJ

Sample Location:				BEC-5S	BEC-5S	BEC-5S	BEC-5S	BEC-5S	BEC-5S	BEC-5S	BEC-5S	BEC-5S	BEC-5S	BEC-5S	BEC-6D	BEC-6D	BEC-6S
Sample ID:				89001-03-2005	2005	89001-2005	93089-2102	93089-2203	93089-2203	93089-2404	93089-2404	93089-2404	93089-2405DUP	93089-2405DUP	2306	2306	2006
Sample Date:				9/1/89	11/8/90	12/12/90	4/20/94	4/20/95	4/20/95	3/12/96	3/12/96	3/12/96	3/12/96	3/12/96	8/9/95	8/9/95	11/8/90
Analysis Date:				9/11/89	11/8/90	12/12/90	4/20/94	4/20/95	5/2/95	3/12/96	3/13/96	3/25/96	3/13/96	3/25/96	8/9/95	8/14/95	11/8/90
Sample Depth:																	
Parameters	Units	EPA	NJ										Duplicate	Duplicate			
		a	b														
cis-1,2-Dichloroethene	ug/L	70	70	-	-	-	-	-	ND (1.0)	-	-	ND (1.0)	-	ND (1.0)	-	2.8	-
Cyclobutane, 1,2-diethyl-	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ethylbenzene	ug/L	700	700	-	ND (5.0)	ND (5.0)	ND (5)	-	ND (0.2)	-	-	0.4	-	0.4	-	ND (0.2)	ND (5.0)
m&p-Xylene	ug/L	-	-	-	-	-	ND (5)	-	-	-	-	-	-	-	-	-	-
Methyl Tert Butyl Ether	ug/L	70	70	-	-	-	ND (5)	-	-	-	-	ND (1.0)	-	ND (1.0)	-	ND (1.0)	-
Methylene chloride	ug/L	3	3	-	ND (5.0)	ND (5.0)	ND (2)	-	ND (1.0)	-	-	ND (1.0)	-	ND (1.0)	-	ND (1.0)	ND (5.0)
o-Xylene	ug/L	-	-	-	-	-	ND (5)	-	-	-	-	-	-	-	-	-	-
Synthetic Organic Compounds (cancer)	ug/L	-	-	-	ND (30)	ND (10)	ND (5)	-	-	-	-	-	-	-	-	-	ND (10)
Synthetic Organic Compounds (non-cancer)	ug/L	-	-	-	ND (30)	ND (10)	ND (20)	40	-	ND (1)	-	-	-	-	ND (1)	-	ND (10)
Tetrachloroethene	ug/L	1	1	-	ND (5.0)	ND (5.0)	ND (1)	-	ND (0.1)	-	-	ND (0.1)	-	ND (0.1)	-	0.7	ND (5.0)
Toluene	ug/L	1000	1000	-	ND (5.0)	ND (5.0)	ND (5)	-	ND (0.2)	-	-	ND (0.2)	-	ND (0.2)	-	ND (0.2)	ND (5.0)
Total Targeted Compounds	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total VOCS	ug/L	-	-	-	-	ND	10	-	-	-	-	0.4	-	0.4	-	-	-
trans-1,2-Dichloroethene	ug/L	100	100	-	ND (5.0)	ND (5.0)	ND (5)	-	ND (0.3)	-	-	ND (0.3)	-	ND (0.3)	-	0.7	ND (5.0)
trans-1,3-Dichloropropene	ug/L	-	-	-	ND (5.0)	ND (5.0)	ND (5)	-	ND (0.3)	-	-	ND (0.3)	-	ND (0.3)	-	ND (0.3)	ND (5.0)
Trichloroethene	ug/L	1	1	-	ND (5.0)	ND (5.0)	ND (1)	-	ND (0.4)	-	-	ND (0.4)	-	ND (0.4)	-	12 *	ND (5.0)
Vinyl chloride	ug/L	2	5	-	ND (10)	ND (10)	ND (5)	-	ND (0.4)	-	-	ND (0.4)	-	ND (0.4)	-	ND (0.4)	ND (10)
Xylene (total)	ug/L	1000	1000	-	ND (5.0)	ND (5.0)	-	-	ND (1.0)	-	-	ND (1.0)	-	ND (1.0)	-	ND (1.0)	ND (5.0)
Volatile TICS																	
1,2,3,4-Tetramethyl-benzene A	ug/L	-	-	7 J	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2,3,5-Tetramethylbenzene A	ug/L	-	-	9 J	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2,3-Trimethylbenzene A	ug/L	-	-	7 J	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2,4-Trimethylbenzene A	ug/L	-	-	7 J	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2-Dichlorobenzene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,4-Hexadiene, 2,3-dimethyl- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,4-Methanonaphthalene, 1,4- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,4-Pentadiene, 2,3,4-trimet A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,4-Pentadiene, 2,3,4-trimet B	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-Ethenyl-2-methyl-benzene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-Ethyl-2-methylbenzene A	ug/L	-	-	13 J	-	-	-	-	-	-	-	-	-	-	-	-	-
1-Ethyl-3-methylbenzene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-Ethyl-4-methylbenzene A	ug/L	-	-	12 J	-	-	-	-	-	-	-	-	-	-	-	-	-
1-Ethyl-4-methylbenzene B	ug/L	-	-	6 J	-	-	-	-	-	-	-	-	-	-	-	-	-
1-Hexane, 5,5-dimethyl- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-Methylethyl-benzene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-Methylethyl-benzene B	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-Pentene, 3,4-dimethyl- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1H-Inden-1-one, 2,3-dihydro- A	ug/L	-	-	20 J	-	-	-	-	-	-	-	-	-	-	-	-	-
1H-Inden-1-one, 2,3-dihydro- B	ug/L	-	-	6 J	-	-	-	-	-	-	-	-	-	-	-	-	-
1H-Inden-5-ol, 2,3-dihydro- A	ug/L	-	-	9 J	-	-	-	-	-	-	-	-	-	-	-	-	-
1H-Indene, 2,3-dihydro-1,2-d A	ug/L	-	-	12 J	-	-	-	-	-	-	-	-	-	-	-	-	-
1H-Indene, 2,3-dihydro-1,6-d A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1H-Indene, 2,3-dihydro-4-met A	ug/L	-	-	13 J	-	-	-	-	-	-	-	-	-	-	-	-	-
1H-Pyrazole, 4,5-dihydro-1,5 A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Methyl naphthalene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Methylbutane A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Methylpentane A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,3-dihydro-dimethyl-1H-Indene Isomer A	ug/L								7.6			3.8					
3-Hexene, 2,2-dimethyl-, (Z)- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3-Hepten-2-one A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Ethyl-1,2-dimethylbenzene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Acetone A	ug/L	-	-	-	-	-	-	-	13	-	-	-	-	-	-	-	-
Benzene, 1,2,4,5-tetramethyl A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene, 1,2-diethyl- A	ug/L	-	-	10 J	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene, 1-ethyl-2,3-dimethyl- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene, 1-ethylpropyl- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene, 1-methyl-3-(1-methylethyl)- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene, 1-methyl-3-(1-methylethyl)- B	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene, 1-methyl-3-propyl A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene, 1-methylpropyl- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene, 2-ethenyl-1,4-dimet A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene, 2-ethly-1,4-dimethy A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzyl Alcohol A	ug/L	-	-	7 J	-	-	-	-	-	-	-	-	-	-	-	-	-
Butane, 1-(1-methylpropoxy)- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Butane, 2-ethoxy- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C6H14 Alkane A	ug/L													4.2			
C8H14 Hydrocarbon A	ug/L								7.5								
C8H16 Cycloalkane A	ug/L								8.2								
C8H16 Cycloalkane B	ug/L								9.9								
C9H10 aromatic A	ug/L	-	-	-	-	-	-	-	9.2	-	-	9.6	-	8.0	-	-	-
C9H10 Aromatic/C10H14 Aromatic	ug/L																
C9H18 Cycloalkane A	ug/L								10								
C10H12 aromatic A	ug/L	-	-	-	-	-	-	-	17	-	-	3.5	-	3.4	-	-	-
C10H12 aromatic B	ug/L											5.7		6.3			
C10H12 aromatic C	ug/L											3.3					
C10H12 aromatic D	ug/L											9.5					
Cycloheptane, methyl- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cyclohexane A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cyclopentene, 4,4-dimethyl- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cyclopropane, 1-(2-methylbut)- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY OF DETECTED ANALYTES
HISTORIC - GROUNDWATER
LINDEN, NJ

Sample Location:				BEC-5S	BEC-5S	BEC-5S	BEC-5S	BEC-5S	BEC-5S	BEC-5S	BEC-5S	BEC-5S	BEC-5S	BEC-5S	BEC-6D	BEC-6D	BEC-6S
Sample ID:				89001-03-2005	2005	89001-2005	93089-2102	93089-2203	93089-2203	93089-2404	93089-2404	93089-2404	93089-2405DUP	93089-2405DUP	2306	2306	2006
Sample Date:				9/11/89	11/8/90	12/12/90	4/20/94	4/20/95	4/20/95	3/12/96	3/12/96	3/12/96	3/12/96	3/12/96	8/9/95	8/9/95	11/8/90
Analysis Date:				9/11/89	11/8/90	12/12/90	4/20/94	4/20/95	5/2/95	3/12/96	3/13/96	3/25/96	3/13/96	3/25/96	8/9/95	8/14/95	11/8/90
Sample Depth:																	
Parameters	*Units*	*EPA* a	*NJ* b										*Duplicate*	*Duplicate*			
Cyclotetrasiloxane, octamethyl- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Diethylbenzene Isomer A	ug/L											3.2					
Diisopropyl ether A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dimethyl cyclohexane (isomers) A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dodecanamide, n,n-bis(2-hydroxyethyl)- A	ug/L	-	-	16 J	-	-	-	-	-	-	-	-	-	-	-	4.0	-
Ether A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ethyl Methyl Benzene B	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ethylcyclobutane A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ethylmethyl benzene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ethylmethyl benzene B	ug/L																
Hexane A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1H-Indene-1-one, 2,3-dihydro- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Indan, 1-methyl- A	ug/L	-	-	33 J	-	-	-	-	-	-	-	-	-	-	-	-	-
Indane A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Naphthalene, 1,2,3,4-tetrahy A	ug/L	-	-	7 J	-	-	-	-	-	-	-	-	-	-	-	-	-
Tetrahydrofuran A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9.7
Toluene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trichloroethene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trimethylbenzene Isomer A	ug/L																
Trimethylbenzene Isomer B	ug/L																
Unknown A	ug/L	-	-	10 J	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown B	ug/L	-	-	6 J	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown C	ug/L	-	-	5 J	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown D	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown Aldehyde A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown Aldehyde B	ug/L																
Unknown Alkane A	ug/L	-	-	-	-	-	-	-	10	-	-	-	-	-	-	-	-
Unknown Alkane B	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown C10H20 A	ug/L	-	-	-	-	-	-	-	8.6	-	-	-	-	-	-	-	-
Unknown C8H16 A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown Hydrocarbon A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown Hydrocarbon B	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown isomer of trimethyl benzene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Xylene(ortho) A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Volatile TICS	ug/L			215	0	0	0	0	101	0	0	38.6	0	21.9	0	4	9.7

ANALYTICAL RESULTS SUMMARY OF DETECTED ANALYTES
HISTORIC - GROUNDWATER
LINDEN, NJ

Sample Location:				BEC-6S	BEC-6S	BEC-7D	BEC-7D	BEC-7S	BEC-7S	BEC-7S	BEC-7S	BEC-7S	BEC-8D	BEC-8D	BEC-8S	BEC-8S	BEC-8S	BEC-8S
Sample ID:				89001-2006	89001-2006	2307	2307	2007	89001-2007	89001-2007	93089-2315	93089-2315	2308	2308	2008	89001-2008	89001-2008	93089-2316
Sample Date:				12/12/90	12/15/90	8/8/95	8/8/95	11/8/90	12/12/90	12/15/90	8/9/95	8/9/95	8/8/95	8/8/95	11/8/90	12/12/90	12/15/90	8/10/95
Analysis Date:				12/12/90	12/15/90	8/8/95	8/11/95	11/8/90	12/12/90	12/15/90	8/9/95	8/15/95	8/8/95	8/12/95	11/8/90	12/12/90	12/15/90	8/10/95
Sample Depth:																		
Parameters	**Units**	**EPA** a	**NJ** b															
Metals																		
Chromium	mg/L	0.1	0.1	-	ND (0.01)	-	-	-	-	0.01	-	-	-	-	-	-	ND (0.01)	-
Copper	mg/L	1.3	1	-	ND (0.01)	-	-	-	-	ND (0.01)	-	-	-	-	-	-	ND (0.01)	-
Lead	mg/L	0.015	0.01	-	0.04 [ab]	-	-	-	-	0.06 [ab]	-	-	-	-	-	-	0.05 [ab]	-
Zinc	mg/L	10.95	5	-	ND (0.01)	-	-	-	-	0.02	-	-	-	-	-	-	0.01	-
Semi-Volatiles																		
1,2-Dichlorobenzene	ug/L	600	600	ND (10)	ND (10.0)	-	-	ND (10)	ND (10)	ND (10.0)	-	-	-	-	ND (10)	ND (10)	ND (10.0)	-
1,3-Dichlorobenzene	ug/L	600	600	ND (10)	ND (10.0)	-	-	ND (10)	ND (10)	ND (10.0)	-	-	-	-	ND (10)	ND (10)	ND (10.0)	-
1,4-Dichlorobenzene	ug/L	75	75	ND (10)	ND (10.0)	-	-	ND (10)	ND (10)	ND (10.0)	-	-	-	-	ND (10)	ND (10)	ND (10.0)	-
2,2'-oxybis(1-Chloropropane)	ug/L	0.9604	300	ND (10)	ND (10.0)	-	-	ND (10)	ND (10)	ND (10.0)	-	-	-	-	ND (10)	ND (10)	ND (10.0)	-
2-Methyl naphthalene	ug/L	730	100	-	ND (10.0)	-	-	-	-	ND (10.0)	-	-	-	-	-	-	ND (10.0)	-
Acenaphthene	ug/L	2190	400	ND (10)	ND (10.0)	-	-	ND (10)	ND (10)	ND (10.0)	-	-	-	-	ND (10)	ND (10)	ND (10.0)	-
Anthracene	ug/L	10950	2000	ND (10)	ND (10.0)	-	-	ND (10)	ND (10)	ND (10.0)	-	-	-	-	ND (10)	ND (10)	ND (10.0)	-
Benzo(b)fluoranthene	ug/L	0.092098	10	ND (10)	ND (10.0)	-	-	ND (10)	ND (10)	ND (10.0)	-	-	-	-	ND (10)	ND (10)	ND (10.0)	-
Benzo(k)fluoranthene	ug/L	0.92098	1	ND (10)	ND (10.0)	-	-	ND (10)	ND (10)	ND (10.0)	-	-	-	-	ND (10)	ND (10)	ND (10.0)	-
bis(2-Chloroethyl)ether	ug/L	0.06112	10	ND (10)	ND (10.0)	-	-	ND (10)	ND (10)	ND (10.0)	-	-	-	-	ND (10)	ND (10)	ND (10.0)	-
bis(2-Ethylhexyl)phthalate	ug/L	6	30	ND (10)	ND (10.0)	-	-	ND (10)	ND (10)	ND (10.0)	-	-	-	-	ND (10)	ND (10)	ND (10.0)	-
Di-n-butylphthalate	ug/L	3650	900	ND (10)	ND (10.0)	-	-	ND (10)	ND (10)	ND (10.0)	-	-	-	-	ND (10)	ND (10)	ND (10.0)	-
Fluoranthene	ug/L	1460	300	ND (10)	ND (10.0)	-	-	ND (10)	ND (10)	ND (10.0)	-	-	-	-	ND (10)	ND (10)	ND (10.0)	-
Fluorene	ug/L	1460	300	ND (10)	ND (10.0)	-	-	ND (10)	ND (10)	ND (10.0)	-	-	-	-	ND (10)	ND (10)	ND (10.0)	-
N-Nitrosodiphenylamine	ug/L	13.72	20	ND (10)	ND (10.0)	-	-	ND (10)	ND (10)	ND (10.0)	-	-	-	-	ND (10)	ND (10)	ND (10.0)	-
Naphthalene	ug/L	300	300	ND (10)	ND (10.0)	-	-	ND (10)	ND (10)	ND (10.0)	-	-	-	-	ND (10)	ND (10)	ND (10.0)	-
Phenanthrene	ug/L	1095	100	ND (10)	ND (10.0)	-	-	ND (10)	ND (10)	ND (10.0)	-	-	-	-	ND (10)	ND (10)	ND (10.0)	-
Pyrene	ug/L	1095	200	ND (10)	ND (10.0)	-	-	ND (10)	ND (10)	ND (10.0)	-	-	-	-	ND (10)	ND (10)	ND (10.0)	-
Total Targeted Compounds	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Semi-Volatile TICS																		
1,2,3,4-Tetrahydro-naphthalene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2,3,4-Tetramethyl-benzene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2,4-Trimethylbenzene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-Ethyl-2-methylbenzene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-Ethyl-4-methylbenzene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1H-Inden-1-one, 2,3-dihydro- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1H-Inden-1-one,2,3-dihydro- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,4,4-Trimethyl-2-pentene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene, 1,3,5-trimethyl- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene, 1-ethyl-2,3-dimethyl- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene, 1-methyl-3-propyl A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene, ethyl-1,2,4-trimeth A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzo(b)thiophene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Carbazole A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cyclohexanone A	ug/L	-	-	-	-	-	-	130	-	-	-	-	-	-	-	-	-	-
Cyclopropane, pentyl- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cyclotetrasiloxane, octamethyl- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dimethyl cyclohexane (isomers) A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dodecanamide, n,n-bis(2-hydroxyethyl)- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hexanedioic acid, mono(2-eth A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1H-Indene-1-one, 2,3-dihydro- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Indane A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tetrachloroethene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trichloroethene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown A	ug/L	-	-	-	-	-	-	-	42	-	-	-	-	-	6	5	-	-
Unknown B	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	6	-	-	-
Unknown C	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown D	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Xylene(ortho) A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Semi-Volatile TICS	ug/L			0	0	0	0	130	42	0	0	0	0	0	12	5	0	0
Volatiles																		
1,1,1-Trichloroethane	ug/L	30	30	ND (5.0)	ND (5.0)	-	ND (0.2)	ND (5.0)	ND (5.0)	ND (5.0)	-	ND (0.2)	-	ND (0.4)	ND (5.0)	ND (5.0)	ND (5.0)	-
1,1,2-Trichloroethane	ug/L	3	3	ND (5.0)	ND (5.0)	-	ND (0.4)	ND (5.0)	ND (5.0)	ND (5.0)	-	ND (0.4)	-	ND (0.9)	ND (5.0)	ND (5.0)	ND (5.0)	-
1,1-Dichloroethane	ug/L	50	50	ND (5.0)	ND (5.0)	-	ND (0.3)	ND (5.0)	ND (5.0)	ND (5.0)	-	ND (0.3)	-	ND (0.6)	ND (5.0)	ND (5.0)	ND (5.0)	-
1,1-Dichloroethene	ug/L	2	2	ND (5.0)	ND (5.0)	-	ND (0.6)	ND (5.0)	ND (5.0)	ND (5.0)	-	ND (0.6)	-	3.7 [ab]	ND (5.0)	ND (5.0)	ND (5.0)	-
1,2-Dichlorobenzene	ug/L	600	600	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2-Dichloroethane	ug/L	2	2	ND (5.0)	ND (5.0)	-	ND (0.2)	ND (5.0)	ND (5.0)	ND (5.0)	-	ND (0.2)	-	ND (0.4)	ND (5.0)	ND (5.0)	ND (5.0)	-
1,3-Dichlorobenzene	ug/L	600	600	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,4-Dichlorobenzene	ug/L	75	75	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Hexanone	ug/L	-	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Methyl-2-pentanone	ug/L	2920	400	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Acetone	ug/L	3650	700	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene	ug/L	1	1	ND (5.0)	ND (5.0)	-	ND (0.2)	ND (5.0)	ND (5.0)	ND (5.0)	-	ND (0.2)	-	ND (0.5)	ND (5.0)	ND (5.0)	ND (5.0)	-
Bromodichloromethane	ug/L	80	1	ND (5.0)	ND (5.0)	-	ND (0.2)	ND (5.0)	ND (5.0)	ND (5.0)	-	ND (0.2)	-	ND (0.4)	ND (5.0)	ND (5.0)	ND (5.0)	-
Bromoform	ug/L	80	4	ND (5.0)	ND (5.0)	-	ND (0.3)	ND (5.0)	ND (5.0)	ND (5.0)	-	ND (0.3)	-	ND (0.6)	ND (5.0)	ND (5.0)	ND (5.0)	-
Carbon disulfide	ug/L	3650	800	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chlorobenzene	ug/L	50	50	ND (5.0)	ND (5.0)	-	ND (0.1)	ND (5.0)	ND (5.0)	ND (5.0)	-	ND (0.1)	-	ND (0.3)	ND (5.0)	ND (5.0)	ND (5.0)	-
Chloroform (Trichloromethane)	ug/L	80	6	ND (5.0)	ND (5.0)	-	ND (0.2)	ND (5.0)	ND (5.0)	ND (5.0)	-	ND (0.2)	-	ND (0.4)	ND (5.0)	ND (5.0)	ND (5.0)	-

TABLE 6-3

ANALYTICAL RESULTS SUMMARY OF DETECTED ANALYTES
HISTORIC - GROUNDWATER
LINDEN, NJ

Sample Location:				BEC-6S	BEC-6S	BEC-7D	BEC-7D	BEC-7S	BEC-7S	BEC-7S	BEC-7S	BEC-7S	BEC-8D	BEC-8D	BEC-8S	BEC-8S	BEC-8S	BEC-8S
Sample ID:				89001-2006	89001-2006	2307	2307	2007	89001-2007	89001-2007	93089-2315	93089-2315	2308	2308	2008	89001-2008	89001-2008	93089-2316
Sample Date:				12/12/90	12/15/90	8/8/95	8/8/95	11/8/90	12/12/90	12/15/90	8/9/95	8/9/95	8/8/95	8/8/95	11/8/90	12/12/90	12/15/90	8/10/95
Analysis Date:				12/12/90	12/15/90	8/8/95	8/11/95	11/8/90	12/12/90	12/15/90	8/9/95	8/15/95	8/8/95	8/12/95	11/8/90	12/12/90	12/15/90	8/10/95
Sample Depth:																		
Parameters	**Units**	**EPA** a	**NJ** b															
cis-1,2-Dichloroethene	ug/L	70	70	-	-	-	ND (1.0)	-	-	-	-	ND (1.0)	-	8.0	-	-	-	-
Cyclobutane, 1,2-diethyl-	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ethylbenzene	ug/L	700	700	2.3 J	ND (5.0)	-	ND (0.2)	ND (5.0)	ND (5.0)	ND (5.0)	-	ND (0.2)	-	ND (0.5)	ND (5.0)	ND (5.0)	ND (5.0)	-
m&p-Xylene	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Methyl Tert Butyl Ether	ug/L	70	70	-	-	-	ND (1.0)	-	-	-	-	ND (1.0)	-	ND (2.0)	-	-	-	-
Methylene chloride	ug/L	3	3	ND (5.0)	ND (5.0)	-	ND (1.0)	ND (5.0)	ND (5.0)	ND (5.0)	-	ND (1.0)	-	ND (2.1)	ND (5.0)	ND (5.0)	ND (5.0)	-
o-Xylene	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Synthetic Organic Compounds (cancer)	ug/L	-	-	ND (10)	ND (10)	-	-	ND (10)	ND (10)	ND (10)	-	-	-	-	ND (10)	ND (10)	ND (10)	-
Synthetic Organic Compounds (non-cancer)	ug/L	-	-	ND (10)	ND (10)	ND (1)	-	130	ND (10)	ND (10)	ND (1)	-	ND (2.1)	-	ND (10)	ND (10)	ND (10)	ND (1)
Tetrachloroethene	ug/L	1	1	ND (5.0)	ND (5.0)	-	ND (0.1)	ND (5.0)	ND (5.0)	ND (5.0)	-	ND (0.1)	-	ND (0.2)	ND (5.0)	ND (5.0)	ND (5.0)	-
Toluene	ug/L	1000	1000	ND (5.0)	ND (5.0)	-	ND (0.2)	ND (5.0)	ND (5.0)	ND (5.0)	-	ND (0.2)	-	ND (0.4)	ND (5.0)	ND (5.0)	ND (5.0)	-
Total Targeted Compounds	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total VOCS	ug/L	-	-	ND	-	-	-	-	ND	-	-	-	-	-	-	ND	-	-
trans-1,2-Dichloroethene	ug/L	100	100	ND (5.0)	ND (5.0)	-	ND (0.3)	ND (5.0)	ND (5.0)	ND (5.0)	-	ND (0.3)	-	ND (0.6)	ND (5.0)	ND (5.0)	ND (5.0)	-
trans-1,3-Dichloropropene	ug/L	-	-	ND (5.0)	ND (5.0)	-	ND (0.3)	ND (5.0)	ND (5.0)	ND (5.0)	-	ND (0.3)	-	ND (0.6)	ND (5.0)	ND (5.0)	ND (5.0)	-
Trichloroethene	ug/L	1	1	ND (5.0)	ND (5.0)	-	ND (0.4)	ND (5.0)	ND (5.0)	ND (5.0)	-	ND (0.4)	-	200	ND (5.0)	ND (5.0)	ND (5.0)	-
Vinyl chloride	ug/L	2	5	ND (10)	ND (10.0)	-	ND (0.4)	ND (10)	ND (10)	ND (10.0)	-	ND (0.4)	-	ND (0.8)	ND (10)	ND (10)	ND (10.0)	-
Xylene (total)	ug/L	1000	1000	ND (5.0)	ND (5.0)	-	ND (1.0)	ND (5.0)	ND (5.0)	ND (5.0)	-	ND (1.0)	-	ND (2.0)	ND (5.0)	ND (5.0)	ND (5.0)	-
Volatile TICS																		
1,2,3,4-Tetramethyl-benzene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2,3,5-Tetramethylbenzene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2,3-Trimethylbenzene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2,4-Trimethylbenzene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2-Dichlorobenzene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,4-Hexdiene, 2,3-dimethyl- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,4-Methanonaphthalene, 1,4- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,4-Pentadiene, 2,3,4-trimet A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,4-Pentadiene, 2,3,4-trimet B	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-Ethenyl-2-methyl-benzene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-Ethyl-2-methylbenzene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-Ethyl-3-methylbenzene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-Ethyl-4-methylbenzene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-Ethyl-4-methylbenzene B	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-Hexane, 5,5-dimethyl- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-Methylethyl-benzene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-Methylethyl-benzene B	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-Pentene, 3,4-dimethyl- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1H-Inden-1-one, 2,3-dihydro- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1H-Inden-1-one, 2,3-dihydro- B	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1H-Inden-5-ol, 2,3-dihydro- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1H-Indene, 2,3-dihydro-1,2-d A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1H-Indene, 2,3-dihydro-1,6-d A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1H-Indene, 2,3-dihydro-4-met A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1H-Pyrazole, 4,5-dihydro-1,5 A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Methyl naphthalene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Methylbutane A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Methylpentane A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,3-dihydro-dimethyl-1H-Indene Isomer A	ug/L																	
3-Hexene, 2,2-dimethyl-, (Z)- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3-Hepten-2-one A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Ethyl-1,2-dimethylbenzene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Acetone A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene, 1,2,4,5-tetramethyl A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene, 1,2-diethyl- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene, 1-ethyl-2,3-dimethyl- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene, 1-ethylpropyl- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene, 1-methyl-3-(1-methylethyl)- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene, 1-methyl-3-(1-methylethyl)- B	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene, 1-methyl-3-propyl A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene, 1-methylpropyl- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene, 2-ethenyl-1,4-dimet A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene, 2-ethly-1,4-dimethy A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzyl Alcohol A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Butane, 1-(1-methylpropoxy)- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Butane, 2-ethoxy- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C6H14 Alkane A	ug/L																	
C8H14 Hydrocarbon A	ug/L																	
C8H16 Cycloalkane A	ug/L																	
C8H16 Cycloalkane B	ug/L																	
C9H10 aromatic A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C9H10 Aromatic/C10H14 Aromatic	ug/L																	
C9H18 Cycloalkane A	ug/L																	
C10H12 aromatic A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C10H12 aromatic B	ug/L																	
C10H12 aromatic C	ug/L																	
C10H12 aromatic D	ug/L																	
Cycloheptane, methyl- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cyclohexane A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cyclopentene, 4,4-dimethyl- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cyclopropane, 1-(2-methylbut)- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

TABLE 6.3

ANALYTICAL RESULTS SUM[illegible] OF DETECTED ANALYTES
HISTORIC - [illegible]NDWATER
LINDEN, NJ

Sample Location:				BEC-6S	BEC-6S	BEC-7D	BEC-7D	BEC-7S	BEC-7S	BEC-7S	BEC-7S	BEC-7S	BEC-8D	BEC-8D	BEC-8S	BEC-8S	BEC-8S	BEC-8S
Sample ID:				89001-2006	89001-2006	2307	2307	2007	89001-2007	89001-2007	93089-2315	93089-2315	2308	2308	2008	89001-2008	89001-2008	93089-2316
Sample Date:				12/12/90	12/15/90	8/8/95	8/8/95	11/8/90	12/12/90	12/15/90	8/9/95	8/15/95	8/8/95	8/8/95	11/8/90	12/12/90	12/15/90	8/10/95
Analysis Date:				12/12/90	12/15/90	8/8/95	8/11/95	11/8/90	12/12/90	12/15/90	8/9/95	8/15/95	8/8/95	8/12/95	11/8/90	12/12/90	12/15/90	8/10/95
Sample Depth:																		
Parameters	*Units*	*EPA* a	*NJ* b															
Cyclotetrasiloxane, octamethyl- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Diethylbenzene Isomer A	ug/L																	
Diisopropyl ether A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dimethyl cyclohexane (isomers) A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dodecanamide, n,n-bis(2-hydroxyethyl)- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ether A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ethyl Methyl Benzene B	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ethylcyclobutane A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ethylmethyl benzene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ethylmethyl benzene B	ug/L																	
Hexane A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1H-Indene-1-one, 2,3-dihydro- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Indan, 1-methyl- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Indane A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Naphthalene, 1,2,3,4-tetrahy A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tetrahydrofuran A	ug/L	-	-	-	-	-	-	-	23	-	-	-	-	-	-	-	-	-
Toluene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trichloroethene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trimethylbenzene Isomer A	ug/L																	
Trimethylbenzene Isomer B	ug/L																	
Unknown A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6.5	-	-
Unknown B	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown C	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown D	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown Aldehyde A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown Aldehyde B	ug/L																	
Unknown Alkane A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown Alkane B	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown C10H20 A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown C8H16 A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown Hydrocarbon A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown Hydrocarbon B	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown isomer of trimethyl benzene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Xylene(ortho) A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Volatile TICS	ug/L			0	0	0	0	0	23	0	0	0	0	0	0	6.5	0	0

ANALYTICAL RESULTS SUM[illegible] OF DETECTED ANALYTES
HISTORIC - GROUNDWATER
LINDEN, NJ

Sample Location:				BEC-8S	BEC-9D	BEC-9D	BEC-9S	BEC-9S	BEC-9S	BEC-9S	BEC-10S	BEC-10S	BEC-11S	BEC-12S	BEC-12S	BEC-12S	BEC-12S	BEC-13S
Sample ID:				93089-2316	2309	2309	2009	2012DUP	89001-2009	89001-2009	89001-2010	89001-2018	89001-2011	89001-2012	93089-2318	93089-2318	93089-2318A	89001-2013
Sample Date:				8/10/95	8/8/95	8/8/95	11/8/90	11/8/90	12/12/90	12/15/90	12/12/90	12/12/90	12/12/90	12/12/90	8/10/95	8/10/95	8/10/95	12/12/90
Analysis Date:				8/16/95	8/8/95	8/12/95	11/8/90	11/8/90	12/12/90	12/15/90	12/12/90	12/12/90	12/12/90	12/12/90	8/10/95	8/15/95	8/15/95	12/12/90
Sample Depth:																		
Parameters	Units	EPA a	NJ b					Duplicate				Duplicate					Duplicate	
Metals																		
Chromium	mg/L	0.1	0.1	-	-	-	-	-	-	ND (0.01)	-	-	-	-	-	-	-	-
Copper	mg/L	1.3	1	-	-	-	-	-	-	ND (0.01)	-	-	-	-	-	-	-	-
Lead	mg/L	0.015	0.01	-	-	-	-	-	-	0.05 [ab]	-	-	-	-	-	-	-	-
Zinc	mg/L	10.95	5	-	-	-	-	-	-	ND (0.01)	-	-	-	-	-	-	-	-
Semi-Volatiles																		
1,2-Dichlorobenzene	ug/L	600	600	-	-	-	ND (10)	ND (10)	ND (10)	ND (10.0)	ND (10)	ND (10)	ND (10)	ND (10)	-	-	-	ND (10)
1,3-Dichlorobenzene	ug/L	600	600	-	-	-	ND (10)	ND (10)	ND (10)	ND (10.0)	ND (10)	ND (10)	ND (10)	ND (10)	-	-	-	ND (10)
1,4-Dichlorobenzene	ug/L	75	75	-	-	-	ND (10)	ND (10)	ND (10)	ND (10.0)	ND (10)	ND (10)	ND (10)	ND (10)	-	-	-	ND (10)
2,2'-oxybis(1-Chloropropane)	ug/L	0.9604	300	-	-	-	ND (10)	ND (10)	ND (10)	ND (10.0)	ND (10)	ND (10)	ND (10)	ND (10)	-	-	-	ND (10)
2-Methyl naphthalene	ug/L	730	100	-	-	-	-	-	-	ND (10.0)	-	-	-	-	-	-	-	-
Acenaphthene	ug/L	2190	400	-	-	-	ND (10)	ND (10)	ND (10)	ND (10.0)	7.6 J	8.8	ND (10)	0.42 J	-	-	-	ND (10)
Anthracene	ug/L	10950	2000	-	-	-	ND (10)	ND (10)	ND (10)	ND (10.0)	2.3 J	2.2	ND (10)	ND (10)	-	-	-	ND (10)
Benzo(b)fluoranthene	ug/L	0.092098	10	-	-	-	ND (10)	ND (10)	ND (10)	ND (10.0)	ND (10)	ND (10)	ND (10)	ND (10)	-	-	-	ND (10)
Benzo(k)fluoranthene	ug/L	0.92098	1	-	-	-	ND (10)	ND (10)	ND (10)	ND (10.0)	ND (10)	ND (10)	ND (10)	ND (10)	-	-	-	ND (10)
bis(2-Chloroethyl)ether	ug/L	0.06112	10	-	-	-	ND (10)	ND (10)	ND (10)	ND (10.0)	ND (10)	ND (10)	ND (10)	ND (10)	-	-	-	ND (10)
bis(2-Ethylhexyl)phthalate	ug/L	6	30	-	-	-	ND (10)	ND (10)	ND (10)	ND (10.0)	ND (10)	ND (10)	ND (10)	ND (10)	-	-	-	ND (10)
Di-n-butylphthalate	ug/L	3650	900	-	-	-	ND (10)	ND (10)	ND (10)	ND (10.0)	ND (10)	ND (10)	ND (10)	ND (10)	-	-	-	ND (10)
Fluoranthene	ug/L	1460	300	-	-	-	ND (10)	ND (10)	ND (10)	ND (10.0)	3.0 J	2.9	ND (10)	0.72 J	-	-	-	ND (10)
Fluorene	ug/L	1460	300	-	-	-	ND (10)	ND (10)	ND (10)	ND (10.0)	9.2 J	11	ND (10)	0.38 J	-	-	-	ND (10)
N-Nitrosodiphenylamine	ug/L	13.72	20	-	-	-	ND (10)	ND (10)	ND (10)	ND (10.0)	ND (10)	ND (10)	ND (10)	ND (10)	-	-	-	ND (10)
Naphthalene	ug/L	300	300	-	-	-	ND (10)	ND (10)	ND (10)	ND (10.0)	3.9 J	5.3	ND (10)	ND (10)	-	-	-	ND (10)
Phenanthrene	ug/L	1095	100	-	-	-	ND (10)	ND (10)	ND (10)	ND (10.0)	12	14	ND (10)	0.62 J	-	-	-	ND (10)
Pyrene	ug/L	1095	200	-	-	-	ND (10)	ND (10)	ND (10)	ND (10.0)	1.8 J	1.5	ND (10)	0.48 J	-	-	-	ND (10)
Total Targeted Compounds	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Semi-Volatile TICS																		
1,2,3,4-Tetrahydro-naphthalene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2,3,4-Tetramethyl-benzene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2,4-Trimethylbenzene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-Ethyl-2-methylbenzene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-Ethyl-4-methylbenzene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1H-Inden-1-one, 2,3-dihydro- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1H-Inden-1-one,2,3-dihydro- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,4,4-Trimethyl-2-pentene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene, 1,3,5-trimethyl- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene, 1-ethyl-2,3-dimethyl- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene, 1-methyl-3-propyl A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene, ethyl-1,2,4-trimeth A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzo(b)thiophene A	ug/L	-	-	-	-	-	-	-	5	-	-	-	-	-	-	-	-	-
Carbazole A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cyclohexanone A	ug/L	-	-	-	-	-	-	-	-	-	6	8	-	-	-	-	-	-
Cyclopropane, pentyl- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cyclotetrasiloxane, octamethyl- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dimethyl cyclohexane (isomers) A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dodecanamide, n,n-bis(2-hydroxyethyl)- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hexanedioic acid, mono(2-eth A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1H-Indene-1-one, 2,3-dihydro- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Indane A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tetrachloroethene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trichloroethene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown A	ug/L	-	-	-	-	-	4	-	-	-	-	-	-	-	-	-	-	-
Unknown B	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown C	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown D	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Xylene(ortho) A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Semi-Volatile TICS	ug/L			0	0	0	4	0	5	0	6	8	0	0	0	0	0	0
Volatiles																		
1,1,1-Trichloroethane	ug/L	30	30	ND (0.2)	-	ND (0.2)	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)	-	ND (0.2)	ND (0.2)	ND (5.0)
1,1,2-Trichloroethane	ug/L	3	3	ND (0.4)	-	ND (0.4)	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)	-	ND (0.4)	ND (0.4)	ND (5.0)
1,1-Dichloroethane	ug/L	50	50	ND (0.3)	-	78 [ab]	ND (5.0)	ND (5.0)	ND (5.0)	6.1	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)	-	ND (0.3)	ND (0.3)	ND (5.0)
1,1-Dichloroethene	ug/L	2	2	ND (0.6)	-	1.8	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)	-	ND (0.6)	ND (0.6)	ND (5.0)
1,2-Dichlorobenzene	ug/L	600	600	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2-Dichloroethane	ug/L	2	2	ND (0.2)	-	ND (0.2)	2.8 J [ab]	3.0 J [ab]	3.0 J [ab]	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)	-	ND (0.2)	ND (0.2)	ND (5.0)
1,3-Dichlorobenzene	ug/L	600	600	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,4-Dichlorobenzene	ug/L	75	75	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Hexanone	ug/L	-	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Methyl-2-pentanone	ug/L	2920	400	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Acetone	ug/L	3650	700	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene	ug/L	1	1	ND (0.2)	-	ND (0.2)	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)	-	ND (0.2)	ND (0.2)	ND (5.0)
Bromodichloromethane	ug/L	80	1	ND (0.2)	-	ND (0.2)	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)	-	ND (0.2)	ND (0.2)	ND (5.0)
Bromoform	ug/L	80	4	ND (0.3)	-	ND (0.3)	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)	-	ND (0.3)	ND (0.3)	ND (5.0)
Carbon disulfide	ug/L	3650	800	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chlorobenzene	ug/L	50	50	ND (0.1)	-	ND (0.1)	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)	-	ND (0.1)	ND (0.1)	ND (5.0)
Chloroform (Trichloromethane)	ug/L	80	6	ND (0.2)	-	ND (0.2)	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)	3.3 J	3.7	5.8	6.7 [b]	-	ND (0.2)	ND (0.2)	3.5 J

TABLE 3

ANALYTICAL RESULTS SUMMARY OF DETECTED ANALYTES
HISTORIC - GROUNDWATER
LINDEN, NJ

Sample Location:				BEC-8S	BEC-9D	BEC-9D	BEC-9S	BEC-9S	BEC-9S	BEC-9S	BEC-10S	BEC-10S	BEC-11S	BEC-12S	BEC-12S	BEC-12S	BEC-12S	BEC-13S
Sample ID:				93089-2316	2309	2309	2009	2012DUP	89001-2009	89001-2009	89001-2010	89001-2018	89001-2011	89001-2012	93089-2318	93089-2318	93089-2318A	89001-2013
Sample Date:				8/10/95	8/8/95	8/8/95	11/8/90	11/8/90	12/12/90	12/15/90	12/12/90	12/12/90	12/12/90	12/12/90	8/10/95	8/10/95	8/10/95	12/12/90
Analysis Date:				8/16/95	8/8/95	8/12/95	11/8/90	11/8/90	12/12/90	12/15/90	12/12/90	12/12/90	12/12/90	12/12/90	8/10/95	8/15/95	8/15/95	12/12/90
Sample Depth:																		
Parameters	Units	EPA	NJ					Duplicate				Duplicate					Duplicate	
		a	b															
cis-1,2-Dichloroethene	ug/L	70	70	ND (1.0)	-	11	-	-	-	-	-	-	-	-	-	ND (1.0)	ND (1.0)	-
Cyclobutane, 1,2-diethyl-	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ethylbenzene	ug/L	700	700	ND (0.2)	-	ND (0.2)	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)	-	ND (0.2)	ND (0.2)	ND (5.0)
m&p-Xylene	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Methyl Tert Butyl Ether	ug/L	70	70	ND (1.0)	-	ND (1.0)	-	-	-	-	-	-	-	-	-	ND (1.0)	ND (1.0)	-
Methylene chloride	ug/L	3	3	ND (1.0)	-	ND (1.0)	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)	-	ND (1.0)	ND (1.0)	ND (5.0)
o-Xylene	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Synthetic Organic Compounds (cancer)	ug/L	-	-	-	-	-	ND (10)	-	ND (10)	ND (10)	6	8	ND (10)	ND (10)	-	-	-	ND (10)
Synthetic Organic Compounds (non-cancer)	ug/L	-	-	-	10	-	ND (10)	-	20	ND (10)	10	10	ND (10)	0.62	ND (1)	-	-	ND (10)
Tetrachloroethene	ug/L	1	1	ND (0.1)	-	0.9	ND (5.0)	ND (5.0)	ND (5.0)	5.7 [ab]	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)	-	ND (0.1)	ND (0.1)	ND (5.0)
Toluene	ug/L	1000	1000	ND (0.2)	-	ND (0.2)	ND (5.0)	1.2 J	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)	-	ND (0.2)	ND (0.2)	ND (5.0)
Total Targeted Compounds	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total VOCS	ug/L	-	-	-	-	-	-	-	ND	-	ND	-	ND	ND	-	-	-	ND
trans-1,2-Dichloroethene	ug/L	100	100	ND (0.3)	-	ND (0.3)	3.4 J	3.6 J	3.7 J	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)	-	ND (0.3)	ND (0.3)	ND (5.0)
trans-1,3-Dichloropropene	ug/L	-	-	ND (0.3)	-	ND (0.3)	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)	-	ND (0.3)	ND (0.3)	ND (5.0)
Trichloroethene	ug/L	1	1	ND (0.4)	-	8.8 [ab]	20 [ab]	21 N [ab]	22 [ab]	109.5 [ab]	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)	-	ND (0.4)	ND (0.4)	ND (5.0)
Vinyl chloride	ug/L	2	5	ND (0.4)	-	1.5	ND (10)	ND (10)	ND (10)	ND (10.0)	ND (10)	ND (10)	ND (10)	ND (10)	-	ND (0.4)	ND (0.4)	ND (10)
Xylene (total)	ug/L	1000	1000	ND (1.0)	-	ND (1.0)	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)	-	ND (1.0)	ND (1.0)	ND (5.0)
Volatile TICS																		
1,2,3,4-Tetramethyl-benzene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2,3,5-Tetramethylbenzene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2,3-Trimethylbenzene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2,4-Trimethylbenzene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2-Dichlorobenzene A	ug/L	-	-	-	-	51	-	-	-	-	-	-	-	-	-	-	-	-
1,4-Hexdiene, 2,3-dimethyl- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,4-Methanonaphthalene, 1,4- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,4-Pentadiene, 2,3,4-trimet A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,4-Pentadiene, 2,3,4-trimet B	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-Ethenyl-2-methyl-benzene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-Ethyl-2-methylbenzene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-Ethyl-3-methylbenzene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-Ethyl-4-methylbenzene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-Ethyl-4-methylbenzene B	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-Hexane, 5,5-dimethyl- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-Methylethyl-benzene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-Methylethyl-benzene B	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-Pentene, 3,4-dimethyl- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1H-Inden-1-one, 2,3-dihydro- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1H-Inden-1-one, 2,3-dihydro- B	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1H-Inden-5-ol, 2,3-dihydro- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1H-Indene, 2,3-dihydro-1,2-d A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1H-Indene, 2,3-dihydro-1,6-d A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1H-Indene, 2,3-dihydro-4-met A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1H-Pyrazole, 4,5-dihydro-1,5 A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Methyl naphthalene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Methylbutane A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Methylpentane A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,3-dihydro-dimethyl-1H-Indene Isomer A	ug/L																	
3-Hexene, 2,2-dimethyl-, (Z)- A	ug/L	-	-	-	-	-	9.0	-	-	-	-	-	-	-	-	-	-	-
3-Hepten-2-one A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Ethyl-1,2-dimethylbenzene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Acetone A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene, 1,2,4,5-tetramethyl A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene, 1,2-diethyl- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene, 1-ethyl-2,3-dimethyl- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene, 1-ethylpropyl- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene, 1-methyl-3-(1-methylethyl)- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene, 1-methyl-3-(1-methylethyl)- B	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene, 1-methyl-3-propyl A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene, 1-methylpropyl- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene, 2-ethenyl-1,4-dimet A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene, 2-ethly-1,4-dimethy A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzyl Alcohol A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Butane, 1-(1-methylpropoxy)- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Butane, 2-ethoxy- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C6H14 Alkane A	ug/L																	
C8H14 Hydrocarbon A	ug/L																	
C8H16 Cycloalkane A	ug/L																	
C8H16 Cycloalkane B	ug/L																	
C9H10 aromatic A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C9H10 Aromatic/C10H14 Aromatic	ug/L																	
C9H18 Cycloalkane A	ug/L																	
C10H12 aromatic A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C10H12 aromatic B	ug/L																	
C10H12 aromatic C	ug/L																	
C10H12 aromatic D	ug/L																	
Cycloheptane, methyl- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cyclohexane A	ug/L	-	-	-	-	-	4.0	3.0	-	-	-	-	-	-	-	-	-	-
Cyclopentene, 4,4-dimethyl- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cyclopropane, 1-(2-methylbut)- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

TABLE 2

ANALYTICAL RESULTS SUMMARY OF DETECTED ANALYTES
HISTORIC - GROUNDWATER
LINDEN, NJ

Sample Location:				BEC-8S	BEC-9D	BEC-9D	BEC-9S	BEC-9S	BEC-9S	BEC-9S	BEC-10S	BEC-10S	BEC-11S	BEC-12S	BEC-12S	BEC-12S	BEC-12S	BEC-13S
Sample ID:				93089-2316	2309	2309	2009	2012DUP	89001-2009	89001-2009	89001-2010	89001-2018	89001-2011	89001-2012	93089-2318	93089-2318	93089-2318A	89001-2013
Sample Date:				8/10/95	8/8/95	8/8/95	11/8/90	11/8/90	12/12/90	12/15/90	12/12/90	12/12/90	12/12/90	12/12/90	8/10/95	8/10/95	8/10/95	12/12/90
Analysis Date:				8/16/95	8/8/95	8/12/95	11/8/90	11/8/90	12/12/90	12/15/90	12/12/90	12/12/90	12/12/90	12/12/90	8/10/95	8/15/95	8/15/95	12/12/90
Sample Depth:																		
Parameters	*Units*	*EPA*	*NJ*					*Duplicate*				*Duplicate*					*Duplicate*	
		a	b															
Cyclotetrasiloxane, octamethyl- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Diethylbenzene Isomer A	ug/L																	
Diisopropyl ether A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dimethyl cyclohexane (isomers) A	ug/L	-	-	-	-	-	-	9.0	10	-	-	-	-	-	-	-	-	-
Dodecanamide, n,n-bis(2-hydroxyethyl)- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ether A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ethyl Methyl Benzene B	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ethylcyclobutane A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ethylmethyl benzene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ethylmethyl benzene B	ug/L																	
Hexane A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
H-Indene-1-one, 2,3-dihydro- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Indan, 1-methyl- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Indane A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Naphthalene, 1,2,3,4-tetrahy A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tetrahydrofuran A	ug/L	-	-	-	-	-	2.0	3.0	-	-	-	-	-	-	-	-	-	-
Toluene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trichloroethene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trimethylbenzene Isomer A	ug/L																	
Trimethylbenzene Isomer B	ug/L																	
Unknown A	ug/L	-	-	-	-	-	23	2.0	-	-	-	-	-	-	-	-	-	-
Unknown B	ug/L	-	-	-	-	-	2.0	2.0	-	-	-	-	-	-	-	-	-	-
Unknown C	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown D	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown Aldehyde A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown Aldehyde B	ug/L																	
Unknown Alkane A	ug/L	-	-	-	-	3.7	-	-	-	-	-	-	-	-	-	-	-	-
Unknown Alkane B	ug/L	-	-	-	-	11	-	-	-	-	-	-	-	-	-	-	-	-
Unknown C10H20 A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown C8H16 A	ug/L	-	-	-	-	-	-	-	3.5	-	-	-	-	-	-	-	-	-
Unknown Hydrocarbon A	ug/L	-	-	-	-	-	-	-	4.3	-	-	-	-	-	-	-	-	-
Unknown Hydrocarbon B	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown isomer of trimethyl benzene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Xylene(ortho) A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Volatile TICS	ug/L			0	0	65.70000005	40	19	17.8	0	0	0	0	0	0	0	0	0

ANALYTICAL RESULTS SUMMARY OF DETECTED ANALYTES
HISTORIC - GROUNDWATER
LINDEN, NJ

Sample Location:				BEC-13S	BEC-13S	BEC-14S	BEC-14S	BEC-14S	BEC-14S	BEC-14S	BEC-14S	BEC-14S	HP-2	HP-3	HP-4	HP-5
Sample ID:				93089-2319	93089-2319	93089-2204	93089-2204	93089-2320	93089-2320	93089-2406	93089-2406	93089-2406	93089-2002	93089-2003	93089-2004	93089-2005
Sample Date:				8/9/95	8/9/95	4/20/95	4/20/95	8/10/95	8/10/95	3/12/96	3/12/96	3/12/96	12/6/93	12/7/93	12/7/93	12/7/93
Analysis Date:				8/9/95	8/15/95	4/20/95	5/1/95	8/10/95	8/16/95	3/12/96	3/13/96	3/25/96	12/6/93	12/7/93	12/7/93	12/7/93
Sample Depth:													(22-)	(15-)	(14-)	(19-)
Parameters	**Units**	**EPA a**	**NJ b**													
Metals																
Chromium	mg/L	0.1	0.1	-	-	-	-	-	-	-	-	-	-	-	-	-
Copper	mg/L	1.3	1	-	-	-	-	-	-	-	-	-	-	-	-	-
Lead	mg/L	0.015	0.01	-	-	-	ND	-	-	-	0.0032	-	-	-	-	-
Zinc	mg/L	10.95	5	-	-	-	-	-	-	-	-	-	-	-	-	-
Semi-Volatiles																
1,2-Dichlorobenzene	ug/L	600	600	-	-	-	-	-	-	-	-	-	-	-	-	-
1,3-Dichlorobenzene	ug/L	600	600	-	-	-	-	-	-	-	-	-	-	-	-	-
1,4-Dichlorobenzene	ug/L	75	75	-	-	-	-	-	-	-	-	-	-	-	-	-
2,2'-oxybis(1-Chloropropane)	ug/L	0.9604	300	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Methyl naphthalene	ug/L	730	100	-	-	-	-	-	-	-	-	-	-	-	-	-
Acenaphthene	ug/L	2190	400	-	-	-	-	-	-	-	-	-	-	-	-	-
Anthracene	ug/L	10950	2000	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzo(b)fluoranthene	ug/L	0.092098	10	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzo(k)fluoranthene	ug/L	0.92098	1	-	-	-	-	-	-	-	-	-	-	-	-	-
bis(2-Chloroethyl)ether	ug/L	0.06112	10	-	-	-	-	-	-	-	-	-	-	-	-	-
bis(2-Ethylhexyl)phthalate	ug/L	6	30	-	-	-	-	-	-	-	-	-	-	-	-	-
Di-n-butylphthalate	ug/L	3650	900	-	-	-	-	-	-	-	-	-	-	-	-	-
Fluoranthene	ug/L	1460	300	-	-	-	-	-	-	-	-	-	-	-	-	-
Fluorene	ug/L	1460	300	-	-	-	-	-	-	-	-	-	-	-	-	-
N-Nitrosodiphenylamine	ug/L	13.72	20	-	-	-	-	-	-	-	-	-	-	-	-	-
Naphthalene	ug/L	300	300	-	-	-	-	-	-	-	-	-	-	-	-	-
Phenanthrene	ug/L	1095	100	-	-	-	-	-	-	-	-	-	-	-	-	-
Pyrene	ug/L	1095	200	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Targeted Compounds	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Semi-Volatile TICS																
1,2,3,4-Tetrahydro-naphthalene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2,3,4-Tetramethyl-benzene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2,4-Trimethylbenzene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-Ethyl-2-methylbenzene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-Ethyl-4-methylbenzene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1H-Inden-1-one, 2,3-dihydro- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1H-Inden-1-one,2,3-dihydro- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,4,4-Trimethyl-2-pentene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene, 1,3,5-trimethyl- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene, 1-ethyl-2,3-dimethyl- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene, 1-methyl-3-propyl A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene, ethyl-1,2,4-trimeth A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzo(b)thiophene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Carbazole A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cyclohexanone A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cyclopropane, pentyl- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cyclotetrasiloxane, octamethyl- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dimethyl cyclohexane (isomers) A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dodecanamide, n,n-bis(2-hydroxyethyl)- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hexanedioic acid, mono(2-eth A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1H-Indene-1-one, 2,3-dihydro- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Indane A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tetrachloroethene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trichloroethene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown B	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown C	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown D	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Xylene(ortho) A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Semi-Volatile TICS	ug/L			0	0	0	0	0	0	0	0	0	0	0	0	0
Volatiles																
1,1,1-Trichloroethane	ug/L	30	30	-	ND (0.2)	-	ND (0.2)	-	ND (0.2)	-	-	ND (0.2)	ND (25)	ND (5)	ND (25)	ND (5)
1,1,2-Trichloroethane	ug/L	3	3	-	ND (0.4)	-	ND (0.4)	-	ND (0.4)	-	-	ND (0.4)	ND (15)	ND (3)	ND (15)	ND (3)
1,1-Dichloroethane	ug/L	50	50	-	ND (0.3)	-	ND (0.3)	-	ND (0.3)	-	-	ND (0.3)	ND (25)	ND (5)	ND (25)	ND (5)
1,1-Dichloroethene	ug/L	2	2	-	ND (0.6)	-	ND (0.6)	-	ND (0.6)	-	-	ND (0.6)	5 J [ab]	ND (2)	ND (10)	ND (2)
1,2-Dichlorobenzene	ug/L	600	600	-	-	-	-	-	-	-	-	-	ND (25)	ND (5)	ND (25)	ND (5)
1,2-Dichloroethane	ug/L	2	2	-	ND (0.2)	-	ND (0.2)	-	ND (0.2)	-	-	ND (0.2)	39 [ab]	ND (2)	ND (10)	ND (2)
1,3-Dichlorobenzene	ug/L	600	600	-	-	-	-	-	-	-	-	-	ND (25)	ND (5)	ND (25)	ND (5)
1,4-Dichlorobenzene	ug/L	75	75	-	-	-	-	-	-	-	-	-	ND (25)	ND (5)	ND (25)	ND (5)
2-Hexanone	ug/L	-	100	-	-	-	-	-	-	-	-	-	ND (100)	ND (20)	ND (100)	ND (20)
4-Methyl-2-pentanone	ug/L	2920	400	-	-	-	-	-	-	-	-	-	ND (125)	ND (25)	ND (125)	ND (25)
Acetone	ug/L	3650	700	-	-	-	-	-	-	-	-	-	16 J	120	190	14 J
Benzene	ug/L	1	1	-	ND (0.2)	-	ND (0.2)	-	ND (0.2)	-	-	ND (0.2)	ND (5)	ND (1)	ND (5)	ND (1)
Bromodichloromethane	ug/L	80	1	-	ND (0.2)	-	ND (0.2)	-	ND (0.2)	-	-	ND (0.2)	-	-	-	-
Bromoform	ug/L	80	4	-	ND (0.3)	-	ND (0.3)	-	ND (0.3)	-	-	ND (0.3)	ND (20)	ND (4)	ND (20)	ND (4)
Carbon disulfide	ug/L	3650	800	-	-	-	-	-	-	-	-	-	ND (25)	ND (5)	ND (25)	ND (5)
Chlorobenzene	ug/L	50	50	-	ND (0.1)	-	ND (0.1)	-	ND (0.1)	-	-	ND (0.1)	57 [ab]	ND (4)	ND (20)	ND (4)
Chloroform (Trichloromethane)	ug/L	80	6	-	ND (0.2)	-	ND (0.2)	-	ND (0.2)	-	-	ND (0.2)	ND (25)	ND (5)	ND (25)	ND (5)

ANALYTICAL RESULTS SUMMARY OF DETECTED ANALYTES
HISTORIC - GROUNDWATER
LINDEN, NJ

Sample Location:				BEC-13S	BEC-13S	BEC-14S	BEC-14S	BEC-14S	BEC-14S	BEC-14S	BEC-14S	BEC-14S	HP-2	HP-3	HP-4	HP-5
Sample ID:				93089-2319	93089-2319	93089-2204	93089-2204	93089-2320	93089-2320	93089-2406	93089-2406	93089-2406	93089-2002	93089-2003	93089-2004	93089-2005
Sample Date:				8/9/95	8/9/95	4/20/95	4/20/95	8/10/95	8/10/95	3/12/96	3/12/96	3/13/96	12/6/93	12/7/93	12/7/93	12/7/93
Analysis Date:				8/9/95	8/15/95	4/20/95	5/1/95	8/10/95	8/16/95	3/12/96	3/12/96	3/13/96	3/25/96	12/6/93	12/7/93	12/7/93
Sample Depth:														(22-)	(15-)	(14-)	(19-)
Parameters	*Units*	*EPA* a	*NJ* b													
cis-1,2-Dichloroethene	ug/L	70	70	-	ND (1.0)	-	3.0	-	2.4	-	-	2.5	-	-	-	-
Cyclobutane, 1,2-diethyl-	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ethylbenzene	ug/L	700	700	-	ND (0.2)	-	ND (0.2)	-	ND (0.2)	-	-	ND (0.2)	ND (25)	ND (5)	ND (25)	ND (5)
m&p-Xylene	ug/L	-	-	-	-	-	-	-	-	-	-	-	ND (25)	ND (5)	ND (25)	ND (5)
Methyl Tert Butyl Ether	ug/L	70	70	-	ND (1.0)	-	-	-	2.0	-	-	2.8	ND (25)	ND (5)	ND (25)	ND (5)
Methylene chloride	ug/L	3	3	-	ND (1.0)	-	ND (1.0)	-	1.3	-	-	ND (1.0)	ND (10)	ND (2)	ND (10)	ND (2)
o-Xylene	ug/L	-	-	-	-	-	-	-	-	-	-	-	ND (25)	ND (5)	ND (25)	ND (5)
Synthetic Organic Compounds (cancer)	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Synthetic Organic Compounds (non-cancer)	ug/L	-	-	ND (1)	-	4	-	ND (1)	-	ND (1)	-	-	ND (100)	ND (20)	ND (100)	ND (20)
Tetrachloroethene	ug/L	1	1	-	ND (0.1)	-	ND (0.1)	-	ND (0.1)	-	-	ND (0.1)	25 *	ND (1)	ND (5)	ND (1)
Toluene	ug/L	1000	1000	-	ND (0.2)	-	ND (0.2)	-	ND (0.2)	-	-	ND (0.2)	ND (25)	ND (5)	ND (25)	ND (5)
Total Targeted Compounds	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total VOCS	ug/L	-	-	-	-	-	-	-	-	-	-	8.0	742	120	190	14
trans-1,2-Dichloroethene	ug/L	100	100	-	ND (0.3)	-	ND (0.3)	-	ND (0.3)	-	-	ND (0.3)	31	ND (5)	ND (25)	ND (5)
trans-1,3-Dichloropropene	ug/L	-	-	-	ND (0.3)	-	ND (0.3)	-	ND (0.3)	-	-	ND (0.3)	ND (25)	ND (5)	ND (25)	ND (5)
Trichloroethene	ug/L	1	1	-	ND (0.4)	-	3.5 *	-	2.4 *	-	-	2.7 *	550 *	ND (1)	ND (5)	ND (1)
Vinyl chloride	ug/L	2	5	-	ND (0.4)	-	ND (0.4)	-	ND (0.4)	-	-	ND (0.4)	25 J *	ND (5)	ND (25)	ND (5)
Xylene (total)	ug/L	1000	1000	-	ND (1.0)	-	ND (1.0)	-	ND (1.0)	-	-	ND (1.0)	-	-	-	-
Volatile TICS																
1,2,3,4-Tetramethyl-benzene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2,3,5-Tetramethylbenzene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2,3-Trimethylbenzene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2,4-Trimethylbenzene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2-Dichlorobenzene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,4-Hexdiene, 2,3-dimethyl- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,4-Methanonaphthalene, 1,4- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,4-Pentadiene, 2,3,4-trimet A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,4-Pentadiene, 2,3,4-trimet B	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-Ethenyl-2-methyl-benzene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-Ethyl-2-methylbenzene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-Ethyl-3-methylbenzene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-Ethyl-4-methylbenzene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-Ethyl-4-methylbenzene B	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-Hexane, 5,5-dimethyl- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-Methylethyl-benzene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-Methylethyl-benzene B	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-Pentene, 3,4-dimethyl- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1H-Inden-1-one, 2,3-dihydro- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1H-Inden-1-one, 2,3-dihydro- B	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1H-Inden-5-ol, 2,3-dihydro- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1H-Indene, 2,3-dihydro-1,2-d A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1H-Indene, 2,3-dihydro-1,6-d A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1H-Indene, 2,3-dihydro-4-met A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1H-Pyrazole, 4,5-dihydro-1,5 A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Methyl naphthalene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Methylbutane A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Methylpentane A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,3-dihydro-dimethyl-1H-Indene Isomer A	ug/L															
3-Hexene, 2,2-dimethyl-, (Z)- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3-Hipten-2-one A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Ethyl-1,2-dimethylbenzene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Acetone A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene, 1,2,4,5-tetramethyl A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene, 1,2-diethyl- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene, 1-ethyl-2,3-dimethyl- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene, 1-ethylpropyl- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene, 1-methyl-3-(1-methylethyl)- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene, 1-methyl-3-(1-methylethyl)- B	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene, 1-methyl-3-propyl A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene, 1-methylpropyl- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene, 2-ethenyl-1,4-dimet A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene, 2-ethly-1,4-dimethy A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzyl Alcohol A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Butane, 1-(1-methylpropoxy)- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Butane, 2-ethoxy- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C6H14 Alkane A	ug/L															
C8H14 Hydrocarbon A	ug/L															
C8H16 Cycloalkane A	ug/L															
C8H16 Cycloalkane B	ug/L															
C9H10 aromatic A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C9H10 Aromatic/C10H14 Aromatic	ug/L															
C9H18 Cycloalkane A	ug/L															
C10H12 aromatic A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C10H12 aromatic B	ug/L															
C10H12 aromatic C	ug/L															
C10H12 aromatic D	ug/L															
Cycloheptane, methyl- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cyclohexane A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cyclopentene, 4,4-dimethyl- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cyclopropane, 1-(2-methylbut)- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

TABLE 6.3

ANALYTICAL RESULTS SUM[illegible] OF DETECTED ANALYTES
HISTORIC - [illegible]NDWATER
LINDEN, NJ

Sample Location:				BEC-13S	BEC-13S	BEC-14S	BEC-14S	BEC-14S	BEC-14S	BEC-14S	BEC-14S	BEC-14S	HP-2	HP-3	HP-4	HP-5
Sample ID:				93089-2319	93089-2319	93089-2204	93089-2204	93089-2320	93089-2320	93089-2406	93089-2406	93089-2406	93089-2002	93089-2003	93089-2004	93089-2005
Sample Date:				8/9/95	8/9/95	4/20/95	4/20/95	8/10/95	8/10/95	3/12/96	3/12/96	3/12/96	12/6/93	12/7/93	12/7/93	12/7/93
Analysis Date:				8/9/95	8/15/95	4/20/95	5/1/95	8/10/95	8/16/95	3/12/96	3/13/96	3/25/96	12/6/93	12/7/93	12/7/93	12/7/93
Sample Depth:													(22-)	(15-)	(14-)	(19-)
Parameters	*Units*	*EPA* a	*NJ* b													
Cyclotetrasiloxane, octamethyl- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Diethylbenzene Isomer A	ug/L															
Diisopropyl ether A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dimethyl cyclohexane (isomers) A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dodecanamide, n,n-bis(2-hydroxyethyl)- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ether A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ethyl Methyl Benzene B	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ethylcyclobutane A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ethylmethyl benzene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ethylmethyl benzene B	ug/L															
Hexane A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1H-Indene-1-one, 2,3-dihydro- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Indan, 1-methyl- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Indane A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Naphthalene, 1,2,3,4-tetrahy A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tetrahydrofuran A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Toluene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trichloroethene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trimethylbenzene Isomer A	ug/L															
Trimethylbenzene Isomer B	ug/L															
Unknown A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown B	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown C	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown D	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown Aldehyde A	ug/L	-	-	-	-	-	4.0	-	-	-	-	-	-	-	-	-
Unknown Aldehyde B	ug/L															
Unknown Alkane A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown Alkane B	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown C10H20 A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown C8H16 A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown Hydrocarbon A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown Hydrocarbon B	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown isomer of trimethyl benzene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Xylene(ortho) A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Volatile TICS	ug/L			0	0	0	4	0	0	0	0	0	140	0	0	0

ANALYTICAL RESULTS SUM[illegible] OF DETECTED ANALYTES
HISTORIC - GROUNDWATER
LINDEN, NJ

Sample Location:				HP-6	HP-7	HP-7	HP-8	HP-8	HP-9	HP-10	PE-02	PE-03	PE-04	PE-05	PE-06	PE-07	PE-14
Sample ID:				93089-2001	93089-2002	93089-2003	93089-2004	93089-2007	93089-2005	93089-2006	UNKNOWN	UNKNOWN	UNKNOWN	UNKNOWN	UNKNOWN	UNKNOWN	UNKNOWN
Sample Date:				4/8/94	4/8/94	4/8/94	4/20/94	4/20/94	4/20/94	4/20/94	1/29/91	1/29/91	1/29/91	1/29/91	1/29/91	1/9/91	1/9/91
Analysis Date:				4/8/94	4/8/94	4/8/94	4/20/94	4/20/94	4/20/94	4/20/94	1/29/91	1/29/91	1/29/91	1/29/91	1/29/91	1/9/91	1/9/91
Sample Depth:				(10-)	(8-10)	(8-10)											
						Duplicate		Duplicate									
Parameters	**Units**	**EPA a**	**NJ b**														
Metals																	
Chromium	mg/L	0.1	0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Copper	mg/L	1.3	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Lead	mg/L	0.015	0.01	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Zinc	mg/L	10.95	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Semi-Volatiles																	
1,2-Dichlorobenzene	ug/L	600	600	-	-	-	-	-	-	-	-	-	-	-	-	ND	ND
1,3-Dichlorobenzene	ug/L	600	600	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,4-Dichlorobenzene	ug/L	75	75	-	-	-	-	-	-	-	-	-	-	-	-	ND	ND
2,2'-oxybis(1-Chloropropane)	ug/L	0.9604	300	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Methyl naphthalene	ug/L	730	100	-	-	-	-	-	-	-	-	-	-	-	-	ND	53 J
Acenaphthene	ug/L	2190	400	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Anthracene	ug/L	10950	2000	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzo(b)fluoranthene	ug/L	0.092098	10	-	-	-	-	-	-	-	-	-	-	-	-	86 J [illegible]	ND
Benzo(k)fluoranthene	ug/L	0.92098	1	-	-	-	-	-	-	-	-	-	-	-	-	86 J [illegible]	ND
bis(2-Chloroethyl)ether	ug/L	0.06112	10	-	-	-	-	-	-	-	-	-	-	-	-	-	-
bis(2-Ethylhexyl)phthalate	ug/L	6	30	-	-	-	-	-	-	-	-	-	-	-	-	200 J [illegible]	ND
Di-n-butylphthalate	ug/L	3650	900	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Fluoranthene	ug/L	1460	300	-	-	-	-	-	-	-	-	-	-	-	-	250 J	ND
Fluorene	ug/L	1460	300	-	-	-	-	-	-	-	-	-	-	-	-	-	-
N-Nitrosodiphenylamine	ug/L	13.72	20	-	-	-	-	-	-	-	-	-	-	-	-	ND	ND
Naphthalene	ug/L	300	300	-	-	-	-	-	-	-	-	-	-	-	-	ND	ND
Phenanthrene	ug/L	1095	100	-	-	-	-	-	-	-	-	-	-	-	-	97 J	57 J
Pyrene	ug/L	1095	200	-	-	-	-	-	-	-	-	-	-	-	-	120 J	ND
Total Targeted Compounds	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	839	110
Semi-Volatile TICS																	
1,2,3,4-Tetrahydro-naphthalene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2,3,4-Tetramethyl-benzene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2,4-Trimethylbenzene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-Ethyl-2-methylbenzene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-Ethyl-4-methylbenzene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1H-Inden-1-one, 2,3-dihydro- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1H-Inden-1-one,2,3-dihydro- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,4,4-Trimethyl-2-pentene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene, 1,3,5-trimethyl- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene, 1-ethyl-2,3-dimethyl- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene, 1-methyl-3-propyl A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene, ethyl-1,2,4-trimeth A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzo(b)thiophene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Carbazole A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cyclohexanone A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cyclopropane, pentyl- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cyclotetrasiloxane, octamethyl- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dimethyl cyclohexane (Isomers) A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dodecanamide, n,n-bis(2-hydroxyethyl)- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hexanedioic acid, mono(2-eth A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1H-Indene-1-one, 2,3-dihydro- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Indane A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tetrachloroethene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trichloroethene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown B	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown C	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown D	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Xylene(ortho) A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Semi-Volatile TICS	ug/L			0	0	0	0	0	0	0	0	0	0	0	0	0	0
Volatiles																	
1,1,1-Trichloroethane	ug/L	30	30	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	-	-	-	-	-	-	-
1,1,2-Trichloroethane	ug/L	3	3	ND (3)	ND (3)	ND (3)	ND (3)	ND (3)	ND (3)	ND (3)	-	-	-	-	-	-	-
1,1-Dichloroethane	ug/L	50	50	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	-	-	-	-	-	-	-
1,1-Dichloroethene	ug/L	2	2	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	-	-	-	-	-	-	-
1,2-Dichlorobenzene	ug/L	600	600	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	-	-	-	-	-	-	-
1,2-Dichloroethane	ug/L	2	2	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	-	-	-	-	-	-	-
1,3-Dichlorobenzene	ug/L	600	600	ND (5)	ND (5)	ND (5)	1 J	1 J	1 J	ND (5)	-	-	-	-	-	-	-
1,4-Dichlorobenzene	ug/L	75	75	ND (5)	ND (5)	ND (5)	ND (5)	2 J	1 J	1 J	-	-	-	-	-	-	-
2-Hexanone	ug/L	-	100	ND (20)	ND (20)	ND (20)	ND (20)	ND (20)	ND (20)	ND (20)	ND	ND	ND	ND	ND	-	-
4-Methyl-2-pentanone	ug/L	2920	400	ND (25)	ND (25)	ND (25)	ND (25)	ND (25)	ND (25)	ND (25)	ND	ND	ND	ND	ND	-	-
Acetone	ug/L	3650	700	ND (20)	8 J	8 J	8 J	ND (20)	100	10 J	-	-	-	-	-	-	-
Benzene	ug/L	1	1	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	-	-	-	-	-	-	-
Bromodichloromethane	ug/L	80	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bromoform	ug/L	80	4	ND (4)	ND (4)	ND (4)	ND (4)	ND (4)	ND (4)	ND (4)	-	-	-	-	-	-	-
Carbon disulfide	ug/L	3650	800	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	2 J	-	-	-	-	-	-	-
Chlorobenzene	ug/L	50	50	ND (4)	ND (4)	ND (4)	ND (4)	ND (4)	ND (4)	ND (4)	-	-	-	-	-	-	-
Chloroform (Trichloromethane)	ug/L	80	6	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	-	-	-	-	-	-	-

TABLE 6.3

ANALYTICAL RESULTS SUM[illegible] OF DETECTED ANALYTES
HISTORIC - [illegible]NDWATER
LINDEN, NJ

Sample Location:				HP-6	HP-7	HP-7	HP-8	HP-8	HP-9	HP-10	PE-02	PE-03	PE-04	PE-05	PE-06	PE-07	PE-14
Sample ID:				93089-2001	93089-2002	93089-2003	93089-2004	93089-2007	93089-2005	93089-2006	UNKNOWN	UNKNOWN	UNKNOWN	UNKNOWN	UNKNOWN	UNKNOWN	UNKNOWN
Sample Date:				4/8/94	4/8/94	4/8/94	4/20/94	4/20/94	4/20/94	4/20/94	1/29/91	1/29/91	1/29/91	1/29/91	1/29/91	1/9/91	1/9/91
Analysis Date:				4/8/94	4/8/94	4/8/94	4/20/94	4/20/94	4/20/94	4/20/94	1/29/91	1/29/91	1/29/91	1/29/91	1/29/91	1/9/91	1/9/91
Sample Depth:				(10-)	(8-10)	(8-10)											
						Duplicate		Duplicate									
Parameters	*Units*	*EPA*	*NJ*														
		a	b														
cis-1,2-Dichloroethene	ug/L	70	70	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cyclobutane, 1,2-diethyl-	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ethylbenzene	ug/L	700	700	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	-	-	-	-	-	-	-
m&p-Xylene	ug/L	-	-	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND	47	ND	ND	ND	-	-
Methyl Tert Butyl Ether	ug/L	70	70	ND (5)	ND (5)	ND (5)	55	45	1 J	1 J	-	-	-	-	-	-	-
Methylene chloride	ug/L	3	3	4 ab	ND (2)	ND (2)	ND (2)	2 J	2 J	1 J	-	-	-	-	-	-	-
o-Xylene	ug/L	-	-	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND	55	ND	ND	ND	-	-
Synthetic Organic Compounds (cancer)	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Synthetic Organic Compounds (non-cancer)	ug/L	-	-	ND (20)	ND (20)	-	ND (20)	-	ND (20)	ND (20)	ND	ND	ND	ND	ND	90	160
Tetrachloroethene	ug/L	1	1	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	-	-	-	-	-	-	-
Toluene	ug/L	1000	1000	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	-	-	-	-	-	-	-
Total Targeted Compounds	ug/L	-	-	-	-	-	-	-	-	-	2.4	102	ND	ND	ND	-	-
Total VOCS	ug/L	-	-	5	8	8	64	50	105	15	-	-	-	-	-	-	-
trans-1,2-Dichloroethene	ug/L	100	100	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	-	-	-	-	-	-	-
trans-1,3-Dichloropropene	ug/L	-	-	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	2.4 J	ND	ND	ND	ND	-	-
Trichloroethene	ug/L	1	1	1	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND	ND	ND	ND	ND	-	-
Vinyl chloride	ug/L	2	5	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	-	-	-	-	-	-	-
Xylene (total)	ug/L	1000	1000	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Volatile TICS																	
1,2,3,4-Tetramethyl-benzene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2,3,5-Tetramethylbenzene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2,3-Trimethylbenzene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2,4-Trimethylbenzene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2-Dichlorobenzene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,4-Hexdiene, 2,3-dimethyl- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,4-Methanonaphthalene, 1,4- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,4-Pentadiene, 2,3,4-trimet A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,4-Pentadiene, 2,3,4-trimet B	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-Ethenyl-2-methyl-benzene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-Ethyl-2-methylbenzene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-Ethyl-3-methylbenzene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-Ethyl-4-methylbenzene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-Ethyl-4-methylbenzene B	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-Hexane, 5,5-dimethyl- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-Methylethyl-benzene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-Methylethyl-benzene B	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-Pentene, 3,4-dimethyl- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1H-Inden-1-one, 2,3-dihydro- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1H-Inden-1-one, 2,3-dihydro- B	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1H-Inden-5-ol, 2,3-dihydro- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1H-Indene, 2,3-dihydro-1,2-d A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1H-Indene, 2,3-dihydro-1,6-d A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1H-Indene, 2,3-dihydro-4-met A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1H-Pyrazole, 4,5-dihydro-1,5 A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Methyl naphthalene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Methylbutane A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Methylpentane A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,3-dihydro-dimethyl-1H-Indene Isomer A	ug/L																
3-Hexene, 2,2-dimethyl-, (Z)- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3-Hiptcn-2-one A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Ethyl-1,2-dimethylbenzene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Acetone A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene, 1,2,4,5-tetramethyl A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene, 1,2-diethyl- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene, 1-ethyl-2,3-dimethyl- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene, 1-ethylpropyl- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene, 1-methyl-3-(1-methylethyl)- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene, 1-methyl-3-(1-methylethyl)- B	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene, 1-methyl-3-propyl A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene, 1-methylpropyl- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene, 2-ethenyl-1,4-dimet A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene, 2-ethly-1,4-dimethy A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzyl Alcohol A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Butane, 1-(1-methylpropoxy)- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Butane, 2-ethoxy- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C6H14 Alkane A	ug/L																
C8H14 Hydrocarbon A	ug/L																
C8H16 Cycloalkane A	ug/L																
C8H16 Cycloalkane B	ug/L																
C9H10 aromatic A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C9H10 Aromatic/C10H14 Aromatic	ug/L																
C9H18 Cycloalkane A	ug/L																
C10H12 aromatic A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C10H12 aromatic B	ug/L																
C10H12 aromatic C	ug/L																
C10H12 aromatic D	ug/L																
Cycloheptane, methyl- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cyclohexane A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cyclopentene, 4,4-dimethyl- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cyclopropane, 1-(2-methylbut)- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

TABLE 3

ANALYTICAL RESULTS SUMMARY OF DETECTED ANALYTES
HISTORIC - GROUNDWATER
LINDEN, NJ

Sample Location:				*HP-6*	*HP-7*	*HP-7*	*HP-8*	*HP-8*	*HP-9*	*HP-10*	*PE-02*	*PE-03*	*PE-04*	*PE-05*	*PE-06*	*PE-07*	*PE-14*
Sample ID:				*93089-2001*	*93089-2002*	*93089-2003*	*93089-2004*	*93089-2007*	*93089-2005*	*93089-2006*	*UNKNOWN*	*UNKNOWN*	*UNKNOWN*	*UNKNOWN*	*UNKNOWN*	*UNKNOWN*	*UNKNOWN*
Sample Date:				*4/8/94*	*4/8/94*	*4/8/94*	*4/20/94*	*4/20/94*	*4/20/94*	*4/20/94*	*1/29/91*	*1/29/91*	*1/29/91*	*1/29/91*	*1/29/91*	*1/9/91*	*1/9/91*
Analysis Date:				*4/8/94*	*4/8/94*	*4/8/94*	*4/20/94*	*4/20/94*	*4/20/94*	*4/20/94*	*1/29/91*	*1/29/91*	*1/29/91*	*1/29/91*	*1/29/91*	*1/9/91*	*1/9/91*
Sample Depth:				*(10-)*	*(8-10)*	*(8-10)*											
						Duplicate		*Duplicate*									
Parameters	*Units*	*EPA* a	*NJ* b														
Cyclotetrasiloxane, octamethyl- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Diethylbenzene Isomer A	ug/L																
Diisopropyl ether A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dimethyl cyclohexane (isomers) A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dodecanamide, n,n-bis(2-hydroxyethyl)- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ether A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ethyl Methyl Benzene B	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ethylcyclobutane A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ethylmethyl benzene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ethylmethyl benzene B	ug/L																
Hexane A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
H-1-Indene-1-one, 2,3-dihydro- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Indan, 1-methyl- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Indane A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Naphthalene, 1,2,3,4-tetrahy A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tetrahydrofuran A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Toluene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trichloroethene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trimethylbenzene Isomer A	ug/L																
Trimethylbenzene Isomer B	ug/L																
Unknown A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown B	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown C	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown D	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown Aldehyde A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown Aldehyde B	ug/L																
Unknown Alkane A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown Alkane B	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown C10H20 A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown C8H16 A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown Hydrocarbon A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown Hydrocarbon B	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown isomer of trimethyl benzene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Xylene(ortho) A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Volatile TICS	ug/L			55	0	0	0	0	0	0	0	0	0	0	0	0	0

TABLE 6.3

ANALYTICAL RESULTS SUM[illegible] OF DETECTED ANALYTES
HISTORIC - [illegible]NDWATER
LINDEN, NJ

Sample Location:				PE-21	PE-29	PE-36	PE-42	PE-46	PE-53	PE-54	PE-55	PE-64	PE-65	PE-66	PE-69
Sample ID:				UNKNOWN	UNKNOWN	UNKNOWN	UNKNOWN	UNKNOWN	UNKNOWN	UNKNOWN	UNKNOWN	UNKNOWN	UNKNOWN	UNKNOWN	UNKNOWN
Sample Date:				1/9/91	1/9/91	1/9/91	1/10/91	1/10/91	1/10/91	1/10/91	1/10/91	1/10/91	1/10/91	1/10/91	1/10/91
Analysis Date:				1/9/91	1/9/91	1/9/91	1/10/91	1/10/91	1/10/91	1/10/91	1/10/91	1/10/91	1/10/91	1/10/91	1/10/91
Sample Depth:															
Parameters	*Units*	*EPA* a	*NJ* b												
Metals															
Chromium	mg/L	0.1	0.1	-	-	-	-	-	-	-	-	-	-	-	-
Copper	mg/L	1.3	1	-	-	-	-	-	-	-	-	-	-	-	-
Lead	mg/L	0.015	0.01	-	-	-	-	-	-	-	-	-	-	-	-
Zinc	mg/L	10.95	5	-	-	-	-	-	-	-	-	-	-	-	-
Semi-Volatiles															
1,2-Dichlorobenzene	ug/L	600	600	ND	560	ND	ND	-	ND	-	-	ND	-	-	-
1,3-Dichlorobenzene	ug/L	600	600	-	-	-	-	-	-	-	-	-	-	-	-
1,4-Dichlorobenzene	ug/L	75	75	ND	320 J [ab]	ND	ND	-	ND	-	-	ND	-	-	-
2,2-oxybis(1-Chloropropane)	ug/L	0.9604	300	-	-	-	-	-	-	-	-	-	-	-	-
2-Methyl naphthalene	ug/L	730	100	180 J [b]	1500 [ab]	ND	60 J	-	ND	-	-	ND	-	-	-
Acenaphthene	ug/L	2190	400	-	-	-	-	-	-	-	-	-	-	-	-
Anthracene	ug/L	10950	2000	-	-	-	-	-	-	-	-	-	-	-	-
Benzo(b)fluoranthene	ug/L	0.092098	10	ND	ND	ND	ND	-	ND	-	-	ND	-	-	-
Benzo(k)fluoranthene	ug/L	0.92098	1	ND	ND	ND	ND	-	ND	-	-	ND	-	-	-
bis(2-Chloroethyl)ether	ug/L	0.06112	10	-	-	-	-	-	-	-	-	-	-	-	-
bis(2-Ethylhexyl)phthalate	ug/L	6	30	ND	ND	ND	ND	-	57 J [ab]	-	-	ND	-	-	-
Di-n-butylphthalate	ug/L	3650	900	-	-	-	-	-	-	-	-	-	-	-	-
Fluoranthene	ug/L	1460	300	ND	200 J	ND	ND	-	ND	-	-	ND	-	-	-
Fluorene	ug/L	1460	300	-	-	-	-	-	-	-	-	-	-	-	-
N-Nitrosodiphenylamine	ug/L	13.72	20	ND	1500 [ab]	ND	ND	-	ND	-	-	ND	-	-	-
Naphthalene	ug/L	300	300	47 J	ND	ND	ND	-	ND	-	-	ND	-	-	-
Phenanthrene	ug/L	1095	100	260 J [b]	530 [b]	ND	ND	-	ND	-	-	ND	-	-	-
Pyrene	ug/L	1095	200	ND	ND	ND	ND	-	ND	-	-	ND	-	-	-
Total Targeted Compounds	ug/L	-	-	487	4610	ND	60	-	57	-	-	ND	-	-	-
Semi-Volatile TICS															
1,2,3,4-Tetrahydro-naphthalene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2,3,4-Tetramethyl-benzene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2,4-Trimethylbenzene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-Ethyl-2-methylbenzene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-Ethyl-4-methylbenzene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1H-Inden-1-one, 2,3-dihydro- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1H-Inden-1-one,2,3-dihydro- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,4,4-Trimethyl-2-pentene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene, 1,3,5-trimethyl- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene, 1-ethyl-2,3-dimethyl- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene, 1-methyl-3-propyl A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene, ethyl-1,2,4-trimeth A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzo(b)thiophene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Carbazole A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cyclohexanone A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cyclopropane, pentyl- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cyclotetrasiloxane, octamethyl- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dimethyl cyclohexane (isomers) A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dodecanamide, n,n-bis(2-hydroxyethyl)- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hexanedioic acid, mono(2-eth A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1H-Indene-1-one, 2,3-dihydro- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Indane A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tetrachloroethene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trichloroethene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown B	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown C	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown D	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Xylene(ortho) A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Semi-Volatile TICS	ug/L			0	0	0	0	0	0	0	0	0	0	0	0
Volatiles															
1,1,1-Trichloroethane	ug/L	30	30	-	-	-	-	-	-	-	-	-	-	-	-
1,1,2-Trichloroethane	ug/L	3	3	-	-	-	-	-	-	-	-	-	-	-	-
1,1-Dichloroethane	ug/L	50	50	-	-	-	-	-	-	-	-	-	-	-	-
1,1-Dichloroethene	ug/L	2	2	-	-	-	-	-	-	-	-	-	-	-	-
1,2-Dichlorobenzene	ug/L	600	600	-	-	-	-	-	-	-	-	-	-	-	-
1,2-Dichloroethane	ug/L	2	2	-	-	-	-	-	-	-	-	-	-	-	-
1,3-Dichlorobenzene	ug/L	600	600	-	-	-	-	-	-	-	-	-	-	-	-
1,4-Dichlorobenzene	ug/L	75	75	-	-	-	-	-	-	-	-	-	-	-	-
2-Hexanone	ug/L	-	100	-	-	-	-	ND	-	3 0 J	ND	-	ND	ND	ND
4-Methyl-2-pentanone	ug/L	2920	400	-	-	-	-	ND	-	ND	2 4 J	-	ND	ND	ND
Acetone	ug/L	3650	700	-	-	-	-	-	-	-	-	-	-	-	-
Benzene	ug/L	1	1	-	-	-	-	-	-	-	-	-	-	-	-
Bromodichloromethane	ug/L	80	1	-	-	-	-	-	-	-	-	-	-	-	-
Bromoform	ug/L	80	4	-	-	-	-	-	-	-	-	-	-	-	-
Carbon disulfide	ug/L	3650	800	-	-	-	-	-	-	-	-	-	-	-	-
Chlorobenzene	ug/L	50	50	-	-	-	-	-	-	-	-	-	-	-	-
Chloroform (Trichloromethane)	ug/L	80	6	-	-	-	-	-	-	-	-	-	-	-	-

ANALYTICAL RESULTS SUM[illegible] OF DETECTED ANALYTES
HISTORIC - GROUNDWATER
LINDEN, NJ

Sample Location:				*PE-21*	*PE-29*	*PE-36*	*PE-42*	*PE-46*	*PE-53*	*PE-54*	*PE-55*	*PE-64*	*PE-65*	*PE-66*	*PE-69*
Sample ID:				*UNKNOWN*	*UNKNOWN*	*UNKNOWN*	*UNKNOWN*	*UNKNOWN*	*UNKNOWN*	*UNKNOWN*	*UNKNOWN*	*UNKNOWN*	*UNKNOWN*	*UNKNOWN*	*UNKNOWN*
Sample Date:				*1/9/91*	*1/9/91*	*1/9/91*	*1/10/91*	*1/10/91*	*1/10/91*	*1/10/91*	*1/10/91*	*1/10/91*	*1/10/91*	*1/10/91*	*1/10/91*
Analysis Date:				*1/9/91*	*1/9/91*	*1/9/91*	*1/10/91*	*1/10/91*	*1/10/91*	*1/10/91*	*1/10/91*	*1/10/91*	*1/10/91*	*1/10/91*	*1/10/91*
Sample Depth:															
Parameters	*Units*	*EPA*	*NJ*												
		a	b												
cis-1,2-Dichloroethene	ug/L	70	70	-	-	-	-	-	-	-	-	-	-	-	-
Cyclobutane, 1,2-diethyl-	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ethylbenzene	ug/L	700	700	-	-	-	-	-	-	-	-	-	-	-	-
m&p-Xylene	ug/L	-	-	-	-	-	-	ND	-	ND	ND	-	3.0 J	ND	ND
Methyl Tert Butyl Ether	ug/L	70	70	-	-	-	-	-	-	-	-	-	-	-	-
Methylene chloride	ug/L	3	3	-	-	-	-	-	-	-	-	-	-	-	-
o-Xylene	ug/L	-	-	-	-	-	-	ND	-	ND	ND	-	ND	ND	ND
Synthetic Organic Compounds (cancer)	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Synthetic Organic Compounds (non-cancer)	ug/L	-	-	620	3530	ND	160	ND	ND	3	ND	ND	ND	ND	ND
Tetrachloroethene	ug/L	1	1	-	-	-	-	-	-	-	-	-	-	-	-
Toluene	ug/L	1000	1000	-	-	-	-	-	-	-	-	-	-	-	-
Total Targeted Compounds	ug/L	-	-	-	-	-	-	ND	-	3.0	2.4	-	6.4	3.1	ND
Total VOCS	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
trans-1,2-Dichloroethene	ug/L	100	100	-	-	-	-	-	-	-	-	-	-	-	-
trans-1,3-Dichloropropene	ug/L	-	-	-	-	-	-	ND	-	ND	ND	-	ND	ND	ND
Trichloroethene	ug/L	1	1	-	-	-	-	ND	-	ND	ND	-	3.4 J[ab]	3.1 J[ab]	ND
Vinyl chloride	ug/L	2	5	-	-	-	-	-	-	-	-	-	-	-	-
Xylene (total)	ug/L	1000	1000	-	-	-	-	-	-	-	-	-	-	-	-
Volatile TICS															
1,2,3,4-Tetramethyl-benzene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2,3,5-Tetramethylbenzene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2,3-Trimethylbenzene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2,4-Trimethylbenzene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2-Dichlorobenzene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,4-Hexdiene, 2,3-dimethyl- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,4-Methanonaphthalene, 1,4- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,4-Pentadiene, 2,3,4-trimet A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,4-Pentadiene, 2,3,4-trimet B	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-Ethenyl-2-methyl-benzene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-Ethyl-2-methylbenzene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-Ethyl-3-methylbenzene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-Ethyl-4-methylbenzene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-Ethyl-4-methylbenzene B	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-Hexane, 5,5-dimethyl- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-Methylethyl-benzene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-Methylethyl-benzene B	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-Pentene, 3,4-dimethyl- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1H-Inden-1-one, 2,3-dihydro- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1H-Inden-1-one, 2,3-dihydro- B	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1H-Inden-5-ol, 2,3-dihydro- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1H-Indene, 2,3-dihydro-1,2-d A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1H-Indene, 2,3-dihydro-1,6-d A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1H-Indene, 2,3-dihydro-4-met A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1H-Pyrazole, 4,5-dihydro-1,5 A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Methyl naphthalene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Methylbutane A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Methylpentane A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,3-dihydro-dimethyl-1H-Indene Isomer A	ug/L														
3-Hexene, 2,2-dimethyl-, (Z)- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3-Hipten-2-one A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Ethyl-1,2-dimethylbenzene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Acetone A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene, 1,2,4,5-tetramethyl A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene, 1,2-diethyl- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene, 1-ethyl-2,3-dimethyl- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene, 1-ethylpropyl- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene, 1-methyl-3-(1-methylethyl)- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene, 1-methyl-3-(1-methylethyl)- B	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene, 1-methyl-3-propyl A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene, 1-methylpropyl- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene, 2-ethenyl-1,4-dimet A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene, 2-ethly-1,4-dimethy A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzyl Alcohol A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Butane, 1-(1-methylpropoxy)- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Butane, 2-ethoxy- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C6H14 Alkane A	ug/L														
C8H14 Hydrocarbon A	ug/L														
C8H16 Cycloalkane A	ug/L														
C8H16 Cycloalkane B	ug/L														
C9H10 aromatic A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C9H10 Aromatic/C10H14 Aromatic	ug/L														
C9H18 Cycloalkane A	ug/L														
C10H12 aromatic A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C10H12 aromatic B	ug/L														
C10H12 aromatic C	ug/L														
C10H12 aromatic D	ug/L														
Cycloheptane, methyl- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cyclohexane A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cyclopentene, 4,4-dimethyl- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cyclopropane, 1-(2-methylbut)- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-

TABLE 6.3

ANALYTICAL RESULTS SUMMARY OF DETECTED ANALYTES
HISTORIC - GROUNDWATER
LINDEN, NJ

Sample Location:				*PE-21*	*PE-29*	*PE-36*	*PE-42*	*PE-46*	*PE-53*	*PE-54*	*PE-55*	*PE-64*	*PE-65*	*PE-66*	*PE-69*
Sample ID:				*UNKNOWN*	*UNKNOWN*	*UNKNOWN*	*UNKNOWN*	*UNKNOWN*	*UNKNOWN*	*UNKNOWN*	*UNKNOWN*	*UNKNOWN*	*UNKNOWN*	*UNKNOWN*	*UNKNOWN*
Sample Date:				*1/9/91*	*1/9/91*	*1/9/91*	*1/10/91*	*1/10/91*	*1/10/91*	*1/10/91*	*1/10/91*	*1/10/91*	*1/10/91*	*1/10/91*	*1/10/91*
Analysis Date:				*1/9/91*	*1/9/91*	*1/9/91*	*1/10/91*	*1/10/91*	*1/10/91*	*1/10/91*	*1/10/91*	*1/10/91*	*1/10/91*	*1/10/91*	*1/10/91*
Sample Depth:															
Parameters	*Units*	*EPA* a	*NJ* b												
Cyclotetrasiloxane, octamethyl- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Diethylbenzene Isomer A	ug/L														
Diisopropyl ether A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dimethyl cyclohexane (isomers) A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dodecanamide, n,n-bis(2-hydroxyethyl)- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ether A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ethyl Methyl Benzene B	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ethylcyclobutane A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ethylmethyl benzene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ethylmethyl benzene B	ug/L														
Hexane A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1H-Indene-1-one, 2,3-dihydro- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Indan, 1-methyl- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Indane A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Naphthalene, 1,2,3,4-tetrahy A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tetrahydrofuran A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Toluene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trichloroethene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trimethylbenzene Isomer A	ug/L														
Trimethylbenzene Isomer B	ug/L														
Unknown A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown B	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown C	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown D	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown Aldehyde A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown Aldehyde B	ug/L														
Unknown Alkane A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown Alkane B	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown C10H20 A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown C8H16 A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown Hydrocarbon A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown Hydrocarbon B	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown isomer of trimethyl benzene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Xylene(ortho) A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Volatile TICS	ug/L			0	0	0	0	0	0	0	0	0	0	0	0

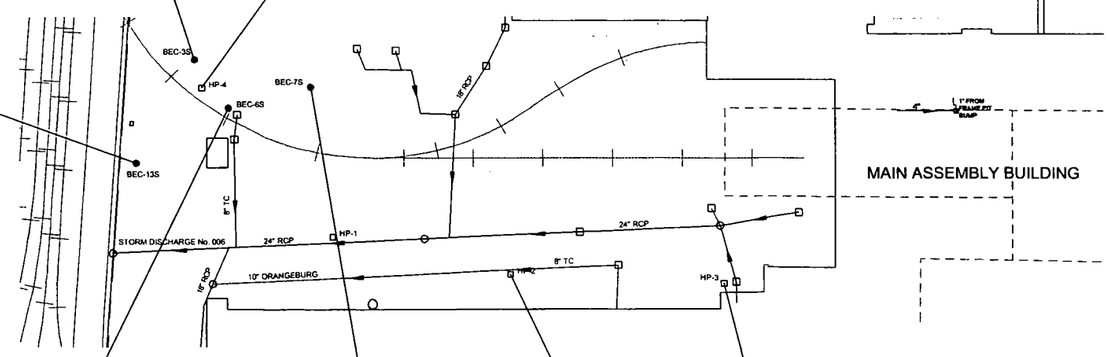
Notes:

J	Estimated value
B	< CRDL but >= Instrument Detection Limit (IDL)
ND	Non-detect at associated level
a	EPA Screening Criteria
b	New Jersey Screening Criteria

BEC-3S	9/1/89	11/8/90	12/12/90	12/15/90	4/20/94	4/20/94 Dup.	4/20/95	3/12/96
1,1,1-Trichloroethane	ND (167)	ND (5.0)	ND (5.0)	ND (5.0)	ND (5)	ND (5)	ND (0.2)	ND (0.2)
1,1,2-Trichloroethane	ND (167)	ND (5.0)	ND (5.0)	ND (5.0)	ND (3)	ND (3)	ND (0.4)	ND (0.4)
1,1-Dichloroethane	ND (167)	ND (5.0)	ND (5.0)	ND (5.0)	ND (5)	ND (5)	ND (0.3)	ND (0.3)
1,1-Dichloroethene	ND (167)	ND (5.0)	ND (5.0)	ND (5.0)	ND (2)	ND (2)	ND (0.6)	ND (0.6)
1,2-Dichloroethane	ND (167)	ND (5.0)	ND (5.0)	ND (5.0)	ND (2)	ND (2)	ND (0.2)	ND (0.2)
1,3-Dichloropropene	ND (167)	-	-	-	-	-	-	-
1,4-Dichlorobenzene*	ND (167) / ND (10)	ND (15)	ND (10)	ND (10.0)	ND (5) / ND (5)	ND (5) / ND (5)	-	-
2,2'-oxybis(1-Chloropropane)	ND (10)	ND (15)	ND (10)	ND (10.0)	ND (5)	ND (5)	-	-
2-Methyl naphthalene	-	-	-	ND (10.0)	ND (5)	ND (5)	-	-
Benzene	380	ND (5.0)	ND (5.0)	ND (5.0)	ND (1)	ND (1)	ND (0.2)	ND (0.2)
Benzo(b)fluoranthene	ND (10)	ND (15)	ND (10)	ND (10.0)	ND (5)	ND (5)	-	-
Benzo(k)fluoranthene	-	ND (15)	ND (10)	ND (10.0)	ND (5)	ND (5)	-	-
bis(2-Chloroethyl)ether	ND (10)	ND (15)	ND (10)	ND (10.0)	ND (5)	ND (5)	-	-
bis(2-Ethylhexyl)phthalate	ND (10)	ND (15)	ND (10)	ND (10.0)	ND (5)	ND (5)	-	-
Bromodichloromethane	ND (167)	ND (5.0)	ND (5.0)	ND (5.0)	-	-	ND (0.2)	ND (0.2)
Bromoform	ND (167)	ND (5.0)	ND (5.0)	ND (5.0)	ND (4)	ND (4)	ND (0.3)	ND (0.3)
Chlorobenzene	ND (167)	ND (5.0)	ND (5.0)	ND (5.0)	ND (4)	ND (4)	ND (0.1)	ND (0.1)
Chloroform (Trichloromethane)	ND (167)	ND (5.0)	ND (5.0)	ND (5.0)	ND (5)	ND (5)	ND (0.2)	ND (0.2)
cis-1,2-Dichloroethene	-	-	-	-	-	-	ND (1.0)	ND (1.0)
Lead	-	-	-	40	54	56	37.0	58.7
Methylene chloride	732 B	ND (5.0)	ND (5.0)	ND (5.0)	ND (2)	ND (2)	ND (1.0)	ND (1.0)
N-Nitrosodiphenylamine	ND (10)	ND (15)	ND (10)	ND (10.0)	ND (5)	ND (5)	-	-
Phenanthrene	2 J	ND (15)	ND (10)	ND (10.0)	ND (5)	ND (5)	-	-
Tetrachloroethene	ND (167)	ND (5.0)	ND (5.0)	ND (5.0)	ND (1)	ND (1)	ND (0.1)	ND (0.1)
Toluene	3000	ND (5.0)	ND (5.0)	ND (5.0)	ND (5)	ND (5)	ND (0.2)	ND (0.2)
Trichloroethene	ND (167)	ND (5.0)	ND (5.0)	ND (5.0)	30	28	ND (0.4)	ND (0.4)
Vinyl chloride	ND (333)	ND (10)	ND (10)	ND (10.0)	ND (5)	ND (5)	ND (0.4)	ND (0.4)
Xylene (total)	4760	ND (5.0)	ND (5.0)	ND (5.0)	-	-	ND (1.0)	ND (1.0)

HP-4	12/7/93
	(14 ft bgs)
1,1,1-Trichloroethane	ND (25)
1,1,2-Trichloroethane	ND (15)
1,1-Dichloroethane	ND (25)
1,1-Dichloroethene	ND (10)
1,2-Dichloroethane	ND (10)
1,4-Dichlorobenzene	ND (25)
Benzene	ND (5)
Bromoform	ND (20)
Chlorobenzene	ND (20)
Chloroform (Trichloromethane)	ND (25)
Methylene chloride	ND (10)
Tetrachloroethene	ND (5)
Toluene	ND (25)
Trichloroethene	ND (5)
Vinyl chloride	ND (25)

BEC-13S	12/12/90	8/9/95
1,1,1-Trichloroethane	ND (5.0)	ND (0.2)
1,1,2-Trichloroethane	ND (5.0)	ND (0.4)
1,1-Dichloroethane	ND (5.0)	ND (0.3)
1,1-Dichloroethene	ND (5.0)	ND (0.6)
1,2-Dichloroethane	ND (5.0)	ND (0.2)
1,4-Dichlorobenzene	ND (10)	-
2,2'-oxybis(1-Chloropropane)	ND (10)	-
Benzene	ND (5.0)	ND (0.2)
Benzo(b)fluoranthene	ND (10)	-
Benzo(k)fluoranthene	ND (10)	-
bis(2-Chloroethyl)ether	ND (10)	-
bis(2-Ethylhexyl)phthalate	ND (10)	-
Bromodichloromethane	ND (5.0)	ND (0.2)
Bromoform	ND (5.0)	ND (0.3)
Chlorobenzene	ND (5.0)	ND (0.1)
Chloroform (Trichloromethane)	3.5 J	ND (0.2)
cis-1,2-Dichloroethene	-	ND (1.0)
Methylene chloride	ND (5.0)	ND (1.0)
N-Nitrosodiphenylamine	ND (10)	-
Phenanthrene	ND (10)	-
Tetrachloroethene	ND (5.0)	ND (0.1)
Toluene	ND (5.0)	ND (0.2)
Trichloroethene	ND (5.0)	ND (0.4)
Vinyl chloride	ND (10)	ND (0.4)
Xylene (total)	ND (5.0)	ND (1.0)



HP-5	12/7/93
	(19 ft bgs)
1,1,1-Trichloroethane	ND (5)
1,1,2-Trichloroethane	ND (3)
1,1-Dichloroethane	ND (5)
1,1-Dichloroethene	ND (2)
1,2-Dichloroethane	ND (2)
1,4-Dichlorobenzene	ND (5)
Benzene	ND (1)
Bromoform	ND (4)
Chlorobenzene	ND (4)
Chloroform (Trichloromethane)	ND (5)
Methylene chloride	ND (2)
Tetrachloroethene	ND (1)
Toluene	ND (5)
Trichloroethene	ND (1)
Vinyl chloride	ND (5)

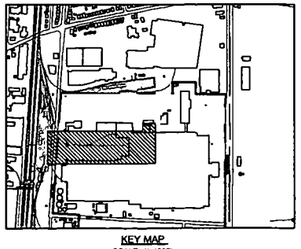
HP-5

BEC-6S	11/8/90	12/12/90	12/15/90
1,1,1-Trichloroethane	ND (5.0)	ND (5.0)	ND (5.0)
1,1,2-Trichloroethane	ND (5.0)	ND (5.0)	ND (5.0)
1,1-Dichloroethane	ND (5.0)	ND (5.0)	ND (5.0)
1,1-Dichloroethene	ND (5.0)	ND (5.0)	ND (5.0)
1,2-Dichloroethane	ND (5.0)	ND (5.0)	ND (5.0)
1,4-Dichlorobenzene	ND (10)	ND (10)	ND (10.0)
2,2'-oxybis(1-Chloropropane)	ND (10)	ND (10)	ND (10.0)
2-Methyl naphthalene	-	-	ND (10.0)
Benzene	ND (5.0)	ND (5.0)	ND (5.0)
Benzo(b)fluoranthene	ND (10)	ND (10)	ND (10.0)
Benzo(k)fluoranthene	ND (10)	ND (10)	ND (10.0)
bis(2-Chloroethyl)ether	ND (10)	ND (10)	ND (10.0)
bis(2-Ethylhexyl)phthalate	ND (10)	ND (10)	ND (10.0)
Bromodichloromethane	ND (5.0)	ND (5.0)	ND (5.0)
Bromoform	ND (5.0)	ND (5.0)	ND (5.0)
Chlorobenzene	ND (5.0)	ND (5.0)	ND (5.0)
Chloroform (Trichloromethane)	ND (5.0)	ND (5.0)	ND (5.0)
Lead	-	-	40
Methylene chloride	ND (5.0)	ND (5.0)	ND (5.0)
N-Nitrosodiphenylamine	ND (10)	ND (10)	ND (10.0)
Phenanthrene	ND (10)	ND (10)	ND (10.0)
Tetrachloroethene	ND (5.0)	ND (5.0)	ND (5.0)
Toluene	ND (5.0)	ND (5.0)	ND (5.0)
Trichloroethene	ND (5.0)	ND (5.0)	ND (5.0)
Vinyl chloride	ND (10)	ND (10)	ND (10.0)
Xylene (total)	ND (5.0)	ND (5.0)	ND (5.0)

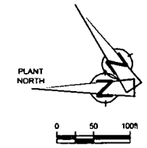
BEC-7S	11/8/90	12/12/90	12/15/90	8/9/95
1,1,1-Trichloroethane	ND (5.0)	ND (5.0)	ND (5.0)	ND (0.2)
1,1,2-Trichloroethane	ND (5.0)	ND (5.0)	ND (5.0)	ND (0.4)
1,1-Dichloroethane	ND (5.0)	ND (5.0)	ND (5.0)	ND (0.3)
1,1-Dichloroethene	ND (5.0)	ND (5.0)	ND (5.0)	ND (0.6)
1,2-Dichloroethane	ND (5.0)	ND (5.0)	ND (5.0)	ND (0.2)
1,4-Dichlorobenzene	ND (10)	ND (10)	ND (10.0)	-
2,2'-oxybis(1-Chloropropane)	ND (10)	ND (10)	ND (10.0)	-
2-Methyl naphthalene	-	-	ND (10.0)	-
Benzene	ND (5.0)	ND (5.0)	ND (5.0)	ND (0.2)
Benzo(b)fluoranthene	ND (10)	ND (10)	ND (10.0)	-
Benzo(k)fluoranthene	ND (10)	ND (10)	ND (10.0)	-
bis(2-Chloroethyl)ether	ND (10)	ND (10)	ND (10.0)	-
bis(2-Ethylhexyl)phthalate	ND (10)	ND (10)	ND (10.0)	-
Bromodichloromethane	ND (5.0)	ND (5.0)	ND (5.0)	ND (0.2)
Bromoform	ND (5.0)	ND (5.0)	ND (5.0)	ND (0.3)
Chlorobenzene	ND (5.0)	ND (5.0)	ND (5.0)	ND (0.1)
Chloroform (Trichloromethane)	ND (5.0)	ND (5.0)	ND (5.0)	ND (0.2)
cis-1,2-Dichloroethene	-	-	-	ND (1.0)
Lead	-	-	60	-
Methylene chloride	ND (5.0)	ND (5.0)	ND (5.0)	ND (1.0)
N-Nitrosodiphenylamine	ND (10)	ND (10)	ND (10.0)	-
Phenanthrene	ND (10)	ND (10)	ND (10.0)	-
Tetrachloroethene	ND (5.0)	ND (5.0)	ND (5.0)	ND (0.1)
Toluene	ND (5.0)	ND (5.0)	ND (5.0)	ND (0.2)
Trichloroethene	ND (5.0)	ND (5.0)	ND (5.0)	ND (0.4)
Vinyl chloride	ND (10)	ND (10)	ND (10.0)	ND (0.4)
Xylene (total)	ND (5.0)	ND (5.0)	ND (5.0)	ND (1.0)

HP-2	12/6/93
	(22 ft bgs)
1,1,1-Trichloroethane	ND (25)
1,1,2-Trichloroethane	ND (15)
1,1-Dichloroethane	ND (25)
1,1-Dichloroethene	54
1,2-Dichloroethane	39
1,4-Dichlorobenzene	ND (25)
Benzene	ND (5)
Bromoform	ND (20)
Chlorobenzene	51
Chloroform (Trichloromethane)	ND (25)
Methylene chloride	ND (10)
Tetrachloroethene	25
Toluene	ND (25)
Trichloroethene	550
Vinyl chloride	25 J

HP-3	12/7/93
	(15 ft bgs)
1,1,1-Trichloroethane	ND (5)
1,1,2-Trichloroethane	ND (3)
1,1-Dichloroethane	ND (5)
1,1-Dichloroethene	ND (2)
1,2-Dichloroethane	ND (2)
1,4-Dichlorobenzene	ND (5)
Benzene	ND (1)
Bromoform	ND (4)
Chlorobenzene	ND (4)
Chloroform (Trichloromethane)	ND (5)
Methylene chloride	ND (2)
Tetrachloroethene	ND (1)
Toluene	ND (5)
Trichloroethene	ND (1)
Vinyl chloride	ND (5)



KEY MAP
SCALE: 1"=1000'



LEGEND

- APPROXIMATE PROPERTY BOUNDARY
- RAILROAD
- BEC-5S — MONITORING WELL LOCATION - SHALLOW
- HYDROPUNCH LOCATION
- STORM SEWER
- APPROXIMATE SANITARY SEWER

NO	Revision	Date	Initial

PARAMETER	CRITERIA	
	EPA	NEW JERSEY
1,1,1-Trichloroethane	30	30
1,1,2-Trichloroethane	3	3
1,1-Dichloroethane	50	50
1,1-Dichloroethene	2	2
1,2-Dichloroethane	2	2
1,3-Dichloropropene	0.6723	0.02
1,4-Dichlorobenzene	75	75
2,2'-oxybis(1-Chloropropane)	0.9604	300
2-Methyl naphthalene	730	100
Benzene	1	1
Benzo(b)fluoranthene	0.0921	10
Benzo(k)fluoranthene	0.921	1
bis(2-Chloroethyl)ether	0.0611	10
bis(2-Ethylhexyl)phthalate	6	30
Bromodichloromethane	80	1
Bromoform	80	4
Chlorobenzene	50	50
Chloroform (Trichloromethane)	80	6
cis-1,2-Dichloroethene	70	70
Lead	0.015	10
Methylene chloride	3	3
N-Nitrosodiphenylamine	13.72	20
Phenanthrene	1095	100
SOC (cancer)	-	25
SOC (non-cancer)	-	500
Tetrachloroethene	1	1
Toluene	1000	1000
Trichloroethane	1	1
Vinyl chloride	2	5
Xylene (total)	1000	1000

This list includes all parameters that exceed criteria in any sample on the site. Individual data boxes that do not include these constituents were not analyzed in that specific sample.

Notes:

J - Estimated value.
B - < CRDL but >= Inscrument Detection Limit (IDL).
N - Sample recovery not within control limits.
ND - Non-detect at associated value.
- No Data
UNITS - µg/L (EXCEPT LEAD - mg/L).
140.5 EXCEEDANCE OF EPA SCREENING CRITERIA
EXCEEDANCE OF NEW JERSEY GWQS

SCALE VERIFICATION

THIS BAR MEASURES 1" ON ORIGINAL. ADJUST SCALE ACCORDINGLY.

Approved

DRAWING STATUS

Status	Date	Initial

GENERAL MOTORS VEHICLE MANUFACTURING-
LINDEN ASSEMBLY
LINDEN, NEW JERSEY

HISTORICAL SHALLOW OVERBURDEN GROUNDWATER SAMPLE LOCATIONS AND RESULTS - NEAR RAILWAY

CONESTOGA-ROVERS & ASSOCIATES

Source Reference:

Project Manager:	Reviewed By:	Date:
BKR	SE	APRIL 2002
Scale: 1"=100'	Project N°: 17371-00	Report N°: PRES002
		Drawing N°: figure ??

17371-00(PRES002)GN-WA012-NOT USED IN CCR MAY 08/2002

TABLE 6.1

ANALYTICAL RESULTS SUM[illegible] OF DETECTED ANALYTES
HISTC[illegible] OILS
LINDEN, NJ

Sample Location:				B-1	B-2	B-3	B-4	B-5	BEC-5D	BEC-5D	BEC-6D	BEC-6D	BEC-7D	BEC-7D	BEC-8D	BEC-8D
Sample ID:				89001-6001	89001-6002	89001-6003	89001-6004	89001-6005	93089-BEC5D	93089-BEC5D	93089-BEC6D	93089-BEC6D	93089-BEC7D	93089-BEC7D	93089-BEC8D	93089-BEC8D
Sample Date:				11/14/90	11/14/90	11/14/90	11/14/90	11/14/90	7/3/95	7/3/95	6/29/95	6/29/95	6/29/95	6/29/95	6/30/95	6/30/95
Analysis Date:				11/14/90	11/14/90	11/14/90	11/14/90	11/14/90	7/3/95	7/8/95	6/29/95	7/8/95	6/29/95	7/8/95	6/30/95	7/11/95
Sample Depth:				(9-11)	(11-13)	(5-7)	(9-11)	(11-13)								
Parameters	*Units*	*EPA* a	*NJ* b													
Metals																
Lead	mg/Kg	750	600	-	-	-	-	-	-	-	-	-	-	-	-	-
Petroleum Products																
Total Petroleum Hydrocarbons	mg/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Volatiles																
1,1,1-Trichloroethane	ug/Kg	3215687.81	1000000	ND (25)	6.8 JB	ND (25)	ND (25)	6.2 JB	-	ND (1.2)	-	ND (1.1)	-	ND (1.4)	-	ND (1.2)
1,1,2-Trichloroethane	ug/Kg	1901.54	420000	ND (25)	ND (25)	ND (25)	ND (25)	ND (25)	-	ND (1.2)	-	ND (1.1)	-	ND (1.4)	-	ND (1.2)
1,1-Dichloroethane	ug/Kg	2061342.61	1000000	ND (25)	ND (25)	ND (25)	ND (25)	ND (25)	-	ND (1.2)	-	ND (1.1)	-	ND (1.4)	-	ND (1.2)
1,1-Dichloroethene	ug/Kg	118.70	150000	ND (25)	ND (25)	ND (25)	ND (25)	ND (25)	-	ND (1.2)	-	ND (1.1)	-	ND (1.4)	-	ND (1.2)
1,2-Dichlorobenzene	ug/Kg	3320151.02	10000000	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2-Dichloroethane	ug/Kg	764.81	24000	ND (25)	ND (25)	ND (25)	ND (25)	ND (25)	-	ND (1.2)	-	ND (1.1)	-	ND (1.4)	-	ND (1.2)
1,3-Dichlorobenzene	ug/Kg	51755.44	10000000	-	-	-	-	-	-	-	-	-	-	-	-	-
1,4-Dichlorobenzene	ug/Kg	8128.69	10000000	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Hexanone	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Methyl-2-pentanone	ug/Kg	2886852.93	1000000	-	-	-	-	-	-	-	-	-	-	-	-	-
Acetone	ug/Kg	6219622.78	1000000	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene	ug/Kg	1454.93	13000	ND (25)	ND (25)	ND (25)	ND (25)	ND (25)	-	ND (1.2)	-	ND (1.1)	-	ND (1.4)	-	ND (1.2)
Bromodichloromethane	ug/Kg	2357.29	46000	ND (25)	ND (25)	ND (25)	ND (25)	ND (25)	-	ND (1.2)	-	ND (1.1)	-	ND (1.4)	-	ND (1.2)
Bromoform	ug/Kg	312245.45	370000	ND (25)	ND (25)	ND (25)	ND (25)	ND (25)	-	ND (1.2)	-	ND (1.1)	-	ND (1.4)	-	ND (1.2)
Carbon disulfide	ug/Kg	1208831.87	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chlorobenzene	ug/Kg	542926.75	680000	ND (25)	ND (25)	ND (25)	ND (25)	ND (25)	-	ND (1.2)	-	ND (1.1)	-	ND (1.4)	-	ND (1.2)
Chloroform (Trichloromethane)	ug/Kg	521.01	28000	ND (25)	ND (25)	ND (25)	ND (25)	ND (25)	-	ND (1.2)	-	ND (1.1)	-	ND (1.4)	-	ND (1.2)
cis-1,2-Dichloroethene	ug/Kg	147355.84	1000000	-	-	-	-	-	-	ND (1.2)	-	ND (1.1)	-	ND (1.4)	-	ND (1.2)
Ethylbenzene	ug/Kg	5973247.27	1000000	ND (25)	ND (25)	ND (25)	ND (25)	ND (25)	-	ND (1.2)	-	ND (1.1)	-	ND (1.4)	-	ND (1.2)
m&p-Xylene	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Methyl Tert Butyl Ether	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Methylene chloride	ug/Kg	20526.15	210000	ND (25)	ND (25)	ND (25)	ND (25)	ND (25)	-	1.4 B	-	2.3 B	-	1.9 B	-	8.8 B
o-Xylene	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Synthetic Organic Compounds (cancer)	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Synthetic Organic Compounds (non-cancer)	ug/Kg	-	-	ND (50)	ND (50)	ND (50)	ND (50)	ND (50)	ND (1.2)	-	ND (1.1)	-	ND (1.4)	-	ND (1.2)	-
Tetrachloroethene	ug/Kg	18666.92	6000	ND (25)	ND (25)	ND (25)	ND (25)	ND (25)	-	ND (1.2)	-	ND (1.1)	-	ND (1.4)	-	ND (1.2)
Toluene	ug/Kg	1987470.14	1000000	ND (25)	ND (25)	ND (25)	ND (25)	ND (25)	-	ND (1.2)	-	ND (1.1)	-	ND (1.4)	-	ND (1.2)
Total VOCS	ug/Kg	-	-	ND	-	ND	ND	6.2	-	1.4	-	2.3	-	1.9	-	8.8
trans-1,2-Dichloroethene	ug/Kg	214152.32	1000000	ND (25)	ND (25)	ND (25)	ND (25)	ND (25)	-	ND (1.2)	-	ND (1.1)	-	ND (1.4)	-	ND (1.2)
trans-1,3-Dichloropropene	ug/Kg	-	-	ND (25)	ND (25)	ND (25)	ND (25)	ND (25)	-	ND (1.2)	-	ND (1.1)	-	ND (1.4)	-	ND (1.2)
Trichloroethene	ug/Kg	6116.22	54000	ND (25)	ND (25)	ND (25)	ND (25)	ND (25)	-	ND (1.2)	-	ND (1.1)	-	ND (1.4)	-	ND (1.2)
Vinyl chloride	ug/Kg	830	7000	ND (50)	ND (50)	ND (50)	ND (50)	ND (50)	-	ND (1.2)	-	ND (1.1)	-	ND (1.4)	-	ND (1.2)
Xylene (total)	ug/Kg	4453346.87	1000000	ND (25)	ND (25)	ND (25)	ND (25)	ND (25)	-	ND (1.2)	-	ND (1.1)	-	ND (1.4)	-	ND (1.2)
Volatile TICS																
2,3-dihydro-dimethyl-1H-Indene Isomer A	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,3-dihydro-dimethyl-1H-Indene Isomer B	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Acetone A	ug/Kg	-	-	-	-	-	-	-	-	-	-	6.0	-	8.0	-	-
C5H12O Alcohol A	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C6H14O Alcohol A	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C6H16 Cycloalkane A	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C6H16 Cycloalkane B	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C9H18 Cycloalkane A	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C9H16 Cycloalkane B	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C9H10 aromatic A	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C9H20 Alkane A	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C9H20 Alkane B	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C9H18 Hydrocarbon	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C9H18O Ketone A	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C10H12 aromatic A	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C10H14 aromatic A	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C10H14 Aromatic/coeluting hydrocarbon	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C10H16 Hydrocarbon A	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	10	-	-
C10H16 Hydrocarbon B	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	7.1	-	-
C10H20 Cycloalkane A	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C11H14 Aromatic/Unknown Alkane	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C11H16 Aromatic/coeluting hydrocarbon	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C11H24 Alkane A	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C11H24 Alkane/C10H14 Aromatic	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C12H16 Aromatic	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C12H26 Alkane	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C14H30 Alkane	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Decahydronaphthalene Isomer A	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dimethylnaphthalene A	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dimethylnaphthalene B	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ethyldimethylbenzene Isomer A	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Methylnaphthalene isomer A	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Methylnaphthalene Isomer B	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Naphthalene A	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Napthalene/C13H28 Alkane	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	52

NJD 002 189 630

7 I 2

TABLE 6.1

ANALYTICAL RESULTS SUM[illegible] OF DETECTED ANALYTES
HISTC[illegible]OILS
LINDEN, NJ

Sample Location:				*B-1*	*B-2*	*B-3*	*B-4*	*B-5*	*BEC-5D*	*BEC-5D*	*BEC-6D*	*BEC-6D*	*BEC-7D*	*BEC-7D*	*BEC-8D*	*BEC-8D*
Sample ID:				*89001-6001*	*89001-6002*	*89001-6003*	*89001-6004*	*89001-6005*	*93089-BEC5D*	*93089-BEC5D*	*93089-BEC6D*	*93089-BEC6D*	*93089-BEC7D*	*93089-BEC7D*	*93089-BEC8D*	*93089-BEC8D*
Sample Date:				*11/14/90*	*11/14/90*	*11/14/90*	*11/14/90*	*11/14/90*	*7/3/95*	*7/3/95*	*6/29/95*	*6/29/95*	*6/29/95*	*6/29/95*	*6/30/95*	*6/30/95*
Analysis Date:				*11/14/90*	*11/14/90*	*11/14/90*	*11/14/90*	*11/14/90*	*7/3/95*	*7/8/95*	*7/8/95*	*7/8/95*	*6/29/95*	*7/8/95*	*6/30/95*	*7/11/95*
Sample Depth:				*(9-11)*	*(11-13)*	*(5-7)*	*(9-11)*	*(11-13)*								
Parameters	*Units*	*EPA*	*NJ*													
		a	b													
Propane, 2-methoxy-2-methyl	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tetrahydromethylnaphthalene isomer A	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trimethylbenzene Isomer A	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trimethylbenzene Isomer B	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown A	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	12	-	-
Unknown B	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	19	-	-
Unknown C	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	7.2	-	-
Unknown D	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	9.3	-	-
Unknown Hydrocarbon A	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown Hydrocarbon B	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown Hydrocarbon C	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total volatile TICS	ug/Kg			0	0	0	0	0	0	0	0	6	0	72.6	0	52

TABLE 6.1

ANALYTICAL RESULTS SUM[illegible] OF DETECTED ANALYTES
HISTC[illegible] OILS
LINDEN, NJ

Sample Location:				BEC-9D	BEC-9D	PE-02	PE-02	PE-02	PE-03	PE-03	PE-03	PE-04	PE-04	PE-04	PE-05	PE-05	PE-05
Sample ID:				93089-BEC9D	93089-BEC9D	89001-6002	89001-6002	89001-6002	89001-6003	89001-6003	89001-6003	89001-6004	89001-6004	89001-6004	89001-6005	89001-6005	89001-6005
Sample Date:				6/30/95	6/30/95	3/13/89	3/13/89	3/13/89	3/13/89	3/13/89	3/13/89	3/13/89	3/13/89	3/13/89	3/13/89	3/13/89	3/13/89
Analysis Date:				6/30/95	7/11/95	3/13/89	3/15/89	3/17/89	3/13/89	3/15/89	3/17/89	3/13/89	3/15/89	3/17/89	3/13/89	3/15/89	3/17/89
Sample Depth:																	
Parameters	*Units*	*EPA* a	*NJ* b														
Metals																	
Lead	mg/Kg	750	600	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Petroleum Products																	
Total Petroleum Hydrocarbons	mg/Kg	-	-	-	-	-	21.0	-	-	16.0	-	-	9.0	-	-	1280.0	-
Volatiles																	
1,1,1-Trichloroethane	ug/Kg	3215687.81	1000000	-	ND (1.2)	-	-	ND (5.9)	-	-	ND (6.0)	-	-	ND (6.3)	-	-	ND (12350)
1,1,2-Trichloroethane	ug/Kg	1901.54	420000	-	ND (1.2)	-	-	ND (5.9)	-	-	ND (6.0)	-	-	ND (6.3)	-	-	ND (12350)
1,1-Dichloroethane	ug/Kg	2061342.61	1000000	-	ND (1.2)	-	-	ND (5.8)	-	-	ND (6.0)	-	-	ND (6.3)	-	-	ND (12350)
1,1-Dichloroethene	ug/Kg	118.70	150000	-	ND (1.2)	-	-	ND (5.8)	-	-	ND (6.0)	-	-	ND (6.3)	-	-	ND (12350)
1,2-Dichlorobenzene	ug/Kg	3320151.02	10000000	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2-Dichloroethane	ug/Kg	764.81	24000	-	ND (1.2)	-	-	ND (5.8)	-	-	ND (6.0)	-	-	ND (6.3)	-	-	ND (12350)
1,3-Dichlorobenzene	ug/Kg	51755.44	10000000	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,4-Dichlorobenzene	ug/Kg	8128.69	10000000	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Hexanone	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Methyl-2-pentanone	ug/Kg	2886852.93	1000000	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Acetone	ug/Kg	6219622.78	1000000	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene	ug/Kg	1454.93	13000	-	ND (1.2)	-	-	ND (5.8)	-	-	ND (6.0)	-	-	ND (6.3)	-	-	ND (12350)
Bromodichloromethane	ug/Kg	2357.29	46000	-	ND (1.2)	-	-	ND (5.8)	-	-	ND (6.0)	-	-	ND (6.3)	-	-	ND (12350)
Bromoform	ug/Kg	312245.45	370000	-	ND (1.2)	-	-	ND (5.8)	-	-	ND (6.0)	-	-	ND (6.3)	-	-	ND (12350)
Carbon disulfide	ug/Kg	1208831.87	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chlorobenzene	ug/Kg	542926.75	680000	-	ND (1.2)	-	-	ND (5.8)	-	-	ND (6.0)	-	-	ND (6.3)	-	-	ND (12350)
Chloroform (Trichloromethane)	ug/Kg	521.01	28000	-	ND (1.2)	-	-	ND (5.8)	-	-	ND (6.0)	-	-	ND (6.3)	-	-	ND (12350)
cis-1,2-Dichloroethene	ug/Kg	147355.84	1000000	-	ND (1.2)	-	-	-	-	-	-	-	-	-	-	-	-
Ethylbenzene	ug/Kg	5973247.27	1000000	-	ND (1.2)	-	-	ND (5.8)	-	-	ND (6.0)	-	-	ND (6.3)	-	-	ND (12350)
m&p-Xylene	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Methyl Tert Butyl Ether	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Methylene chloride	ug/Kg	20526.15	210000	-	3.1 B	-	-	ND (5.8)	-	-	ND (6.0)	-	-	ND (6.3)	-	-	ND (12350)
o-Xylene	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Synthetic Organic Compounds (cancer)	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Synthetic Organic Compounds (non-cancer)	ug/Kg	-	-	ND (1.2)	-	ND (5.9)	-	-	ND (6)	-	-	ND (6.3)	-	-	ND (12350)	-	-
Tetrachloroethene	ug/Kg	18666.92	6000	-	ND (1.2)	-	-	ND (5.8)	-	-	ND (6.0)	-	-	ND (6.3)	-	-	ND (12350)
Toluene	ug/Kg	1987470.14	1000000	-	ND (1.2)	-	-	ND (5.8)	-	-	ND (6.0)	-	-	ND (6.3)	-	-	ND (12350)
Total VOCS	ug/Kg	-	-	-	3.1	-	-	-	-	-	-	-	-	-	-	-	-
trans-1,2-Dichloroethene	ug/Kg	214152.32	1000000	-	ND (1.2)	-	-	ND (5.8)	-	-	ND (6.0)	-	-	ND (6.3)	-	-	ND (12350)
trans-1,3-Dichloropropene	ug/Kg	-	-	-	ND (1.2)	-	-	ND (5.8)	-	-	ND (6.0)	-	-	ND (6.3)	-	-	ND (12350)
Trichloroethene	ug/Kg	6116.22	54000	-	ND (1.2)	-	-	ND (5.9)	-	-	ND (6.0)	-	-	ND (6.3)	-	-	ND (12350)
Vinyl chloride	ug/Kg	830	7000	-	ND (1.2)	-	-	ND (11.6)	-	-	ND (12.0)	-	-	ND (12.6)	-	-	ND (24700)
Xylene (total)	ug/Kg	4453346.87	1000000	-	ND (1.2)	-	-	ND (5800)	-	-	ND (6000)	-	-	ND (6300)	-	-	116000
Volatile TICS																	
2,2-dihydro-dimethyl-1H-Indene Isomer A	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,3-dihydro-dimethyl-1H-Indene Isomer B	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Acetone A	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C5H12O Alcohol A	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C6H14O Alcohol A	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C6H16 Cycloalkane A	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C6H16 Cycloalkane B	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C9H18 Cycloalkane A	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C9H18 Cycloalkane B	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C9H10 aromatic A	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C9H20 Alkane A	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C9H20 Alkane B	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C9H18 Hydrocarbon	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C9H18O Ketone A	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C10H12 aromatic A	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C10H14 aromatic A	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C10H14 Aromatic/coeluting hydrocarbon	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C10H16 Hydrocarbon A	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C10H16 Hydrocarbon B	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C10H20 Cycloalkane A	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C11H14 Aromatic/Unknown Alkane	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C11H16 Aromatic/coeluting hydrocarbon	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C11H24 Alkane A	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C11H24 Alkane/C10H14 Aromatic	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C12H16 Aromatic	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C12H26 Alkane	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C14H30 Alkane	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Decahydronaphthalene Isomer A	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dimethylnaphthalene A	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dimethylnaphthalene B	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ethyldimethylbenzene Isomer A	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Methylnaphthalene isomer A	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Methylnaphthalene Isomer B	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Naphthalene A	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Naphthalene/C13H28 Alkane	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

TABLE 6.1

ANALYTICAL RESULTS SUM[illegible] OF DETECTED ANALYTES
HISTC[illegible] SOILS
LINDEN, NJ

Sample Location:				BEC-9D	BEC-9D	PE-02	PE-02	PE-02	PE-03	PE-03	PE-03	PE-04	PE-04	PE-04	PE-05	PE-05	PE-05
Sample ID:				93089-BEC9D	93089-BEC9D	89001-6002	89001-6002	89001-6002	89001-6003	89001-6003	89001-6003	89001-6004	89001-6004	89001-6004	89001-6005	89001-6005	89001-6005
Sample Date:				6/30/95	6/30/95	3/13/89	3/13/89	3/13/89	3/13/89	3/13/89	3/13/89	3/13/89	3/13/89	3/13/89	3/13/89	3/13/89	3/13/89
Analysis Date:				6/30/95	7/11/95	3/13/89	3/15/89	3/17/89	3/13/89	3/15/89	3/17/89	3/13/89	3/15/89	3/17/89	3/13/89	3/15/89	3/17/89
Sample Depth:																	
Parameters	*Units*	*EPA*	*NJ*														
		a	b														
Propane, 2-methoxy-2-methyl	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tetrahydromethylnaphthalene isomer A	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trimethylbenzene Isomer A	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trimethylbenzene Isomer B	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown A	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown B	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown C	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown D	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown Hydrocarbon A	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown Hydrocarbon B	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown Hydrocarbon C	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total volatile TICS	ug/Kg			0	0	0	0	0	0	0	0	0	0	0	0	0	0

TABLE 6.1

ANALYTICAL RESULTS SUM[illegible] OF DETECTED ANALYTES
HISTO[illegible]OILS
LINDEN, NJ

Sample Location:				*PE-06*	*PE-06*	*PE-06*	*PE-07*	*PE-07*	*PE-07*	*PE-07*	*PE-07*	*PE-01*	*PE-01*	*PE-01*	*PE-08*	*PE-08*	*PE-08*
Sample ID:				*89001-6006*	*89001-6006*	*89001-6006*	*89001-6007*	*89001-6007*	*89001-6007*	*89001-6013(DUP)*	*89001-6013(DUP)*	*89001-6001*	*89001-6001*	*89001-6001*	*89001-6008*	*89001-6008*	*89001-6008*
Sample Date:				*3/13/89*	*3/13/89*	*3/13/89*	*3/20/89*	*3/20/89*	*3/20/89*	*3/20/89*	*3/20/89*	*3/13/89*	*3/13/89*	*3/13/89*	*3/20/89*	*3/20/89*	*3/20/89*
Analysis Date:				*3/13/89*	*3/15/89*	*3/17/89*	*3/20/89*	*3/22/89*	*3/26/89*	*3/22/89*	*3/26/89*	*3/13/89*	*3/15/89*	*3/17/89*	*3/20/89*	*3/22/89*	*3/26/89*
Sample Depth:										*Duplicate*	*Duplicate*						
Parameters	*Units*	*EPA* a	*NJ* b														
Metals																	
Lead	mg/Kg	750	600	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Petroleum Products																	
Total Petroleum Hydrocarbons	mg/Kg	-	-	-	1800.0	-	-	215.0	-	218.0	-	-	15.0	-	-	86.0	-
Volatiles																	
1,1,1-Trichloroethane	ug/Kg	3215687.81	1000000	-	-	ND (30340)	-	-	ND	-	ND (5.9)	-	-	ND (5.9)	-	-	ND (5.8)
1,1,2-Trichloroethane	ug/Kg	1901.54	420000	-	-	ND (30340)	-	-	ND	-	ND (5.9)	-	-	ND (5.9)	-	-	ND (5.8)
1,1-Dichloroethane	ug/Kg	2061342.61	1000000	-	-	ND (30340)	-	-	ND	-	ND (5.9)	-	-	ND (5.9)	-	-	ND (5.8)
1,1-Dichloroethene	ug/Kg	118.70	150000	-	-	ND (30340)	-	-	ND	-	ND (5.9)	-	-	ND (5.9)	-	-	ND (5.8)
1,2-Dichlorobenzene	ug/Kg	3320151.02	10000000	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2-Dichloroethane	ug/Kg	764.81	24000	-	-	ND (30340)	-	-	ND	-	ND (5.9)	-	-	ND (5.9)	-	-	ND (5.8)
1,3-Dichlorobenzene	ug/Kg	51755.44	10000000	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,4-Dichlorobenzene	ug/Kg	8126.69	10000000	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Hexanone	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Methyl-2-pentanone	ug/Kg	2886852.93	1000000	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Acetone	ug/Kg	6219622.78	1000000	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene	ug/Kg	1454.93	13000	-	-	ND (30340)	-	-	ND	-	ND (5.9)	-	-	ND (5.9)	-	-	ND (5.8)
Bromodichloromethane	ug/Kg	2357.29	46000	-	-	ND (30340)	-	-	ND	-	ND (5.9)	-	-	ND (5.9)	-	-	ND (5.8)
Bromoform	ug/Kg	312245.45	370000	-	-	ND (30340)	-	-	ND	-	ND (5.9)	-	-	ND (5.9)	-	-	ND (5.8)
Carbon disulfide	ug/Kg	1208831.87	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chlorobenzene	ug/Kg	542926.75	680000	-	-	ND (30340)	-	-	ND	-	ND (5.9)	-	-	ND (5.9)	-	-	ND (5.8)
Chloroform (Trichloromethane)	ug/Kg	521.01	28000	-	-	ND (30340)	-	-	ND	-	ND (5.9)	-	-	ND (5.9)	-	-	ND (5.8)
cis-1,2-Dichloroethene	ug/Kg	147355.84	1000000	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ethylbenzene	ug/Kg	5973247.27	1000000	-	-	ND (30340)	-	-	ND	-	ND (5.9)	-	-	ND (5.9)	-	-	ND (5.8)
m&p-Xylene	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Methyl Tert Butyl Ether	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Methylene chloride	ug/Kg	20526.15	210000	-	-	ND (30340)	-	-	ND	-	ND (5.9)	-	-	ND (5.9)	-	-	ND (5.8)
o-Xylene	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Synthetic Organic Compounds (cancer)	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Synthetic Organic Compounds (non-cancer)	ug/Kg	-	-	ND (30340)	-	-	ND (5.9)	-	-	-	-	ND (5.9)	-	-	ND (5.8)	-	-
Tetrachloroethene	ug/Kg	18666.92	6000	-	-	ND (30340)	-	-	ND	-	ND (5.9)	-	-	ND (5.9)	-	-	ND (5.8)
Toluene	ug/Kg	1987470.14	1000000	-	-	ND (30340)	-	-	ND	-	ND (5.9)	-	-	ND (5.9)	-	-	ND (5.8)
Total VOCS	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
trans-1,2-Dichloroethene	ug/Kg	214152.32	1000000	-	-	ND (30340)	-	-	ND	-	ND (5.9)	-	-	ND (5.9)	-	-	ND (5.8)
trans-1,3-Dichloropropene	ug/Kg	-	-	-	-	ND (30340)	-	-	ND	-	ND (5.9)	-	-	ND (5.9)	-	-	ND (5.8)
Trichloroethene	ug/Kg	6116.22	54000	-	-	ND (30340)	-	-	ND	-	ND (5.9)	-	-	ND (5.9)	-	-	ND (5.8)
Vinyl chloride	ug/Kg	630	7000	-	-	ND (60680)	-	-	ND	-	ND (11.8)	-	-	ND (11.8)	-	-	ND (11.6)
Xylene (total)	ug/Kg	4453346.87	1000000	-	-	191700	-	-	ND	-	ND (5900)	-	-	ND (5900)	-	-	ND (5800)
Volatile TICS																	
2,3-dihydro-dimethyl-1H-Indene Isomer A	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,3-dihydro-dimethyl-1H-Indene Isomer B	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Acetone A	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C5H12O Alcohol A	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C6H14O Alcohol A	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C8H16 Cycloalkane A	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C8H16 Cycloalkane B	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C9H18 Cycloalkane A	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C9H18 Cycloalkane B	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C9H10 aromatic A	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C9H20 Alkane A	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C9H20 Alkane B	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C9H18 Hydrocarbon	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C9H18O Ketone A	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C10H12 aromatic A	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C10H14 aromatic A	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C10H14 Aromatic/coeluting hydrocarbon	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C10H16 Hydrocarbon A	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C10H16 Hydrocarbon B	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C10H20 Cycloalkane A	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C11H14 Aromatic/Unknown Alkane	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C11H16 Aromatic/coeluting hydrocarbon	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C11H24 Alkane A	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C11H24 Alkane/C10H14 Aromatic	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C12H16 Aromatic	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C12H26 Alkane	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C14H30 Alkane	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Decahydronaphthalene Isomer A	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dimethylnaphthalene A	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dimethylnaphthalene B	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ethyldimethylbenzene Isomer A	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Methylnaphthalene Isomer A	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Methylnaphthalene Isomer B	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Naphthalene A	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Napthalene/C13H28 Alkane	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

TABLE 6.1

ANALYTICAL RESULTS SUM[illegible] OF DETECTED ANALYTES
HISTC[illegible] OILS
LINDEN, NJ

Sample Location:				*PE-06*	*PE-06*	*PE-06*	*PE-07*	*PE-07*	*PE-07*	*PE-07*	*PE-07*	*PE-01*	*PE-01*	*PE-01*	*PE-08*	*PE-08*	*PE-08*
Sample ID:				*89001-6006*	*89001-6006*	*89001-6006*	*89001-6007*	*89001-6007*	*89001-6007*	*89001-6013(DUP)*	*89001-6013(DUP)*	*89001-6001*	*89001-6001*	*89001-6001*	*89001-6008*	*89001-6008*	*89001-6008*
Sample Date:				*3/13/89*	*3/13/89*	*3/13/89*	*3/20/89*	*3/20/89*	*3/20/89*	*3/20/89*	*3/20/89*	*3/13/89*	*3/13/89*	*3/13/89*	*3/20/89*	*3/20/89*	*3/20/89*
Analysis Date:				*3/13/89*	*3/15/89*	*3/17/89*	*3/20/89*	*3/22/89*	*3/26/89*	*3/22/89*	*3/26/89*	*3/13/89*	*3/15/89*	*3/17/89*	*3/20/89*	*3/22/89*	*3/26/89*
Sample Depth:																	
										Duplicate	*Duplicate*						
Parameters	*Units*	*EPA*	*NJ*														
		a	b														
Propane, 2-methoxy-2-methyl	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tetrahydromethylnaphthalene isomer A	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trimethylbenzene Isomer A	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trimethylbenzene Isomer B	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown A	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown B	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown C	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown D	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown Hydrocarbon A	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown Hydrocarbon B	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown Hydrocarbon C	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total volatile TICS	ug/Kg			0	0	0	0	0	0	0	0	0	0	0	0	0	0

TABLE 6.1

ANALYTICAL RESULTS SUM OF DETECTED ANALYTES
HISTO OILS
LINDEN, NJ

Sample Location:				*PE-09*	*PE-09*	*PE-09*	*PE-10*	*PE-10*	*PE-10*	*PE-11*	*PE-11*	*PE-11*	*SB-01*	*SB-01*	*SB-01*	*SB-01*	*SB-01*	*SB-02*
Sample ID:				*89001-6009*	*89001-6009*	*89001-6009*	*89001-6010*	*89001-6010*	*89001-6010*	*89001-6011*	*89001-6011*	*89001-6011*	*87005-6001*	*93089-6001*	*93011-6107*	*93089-6101*	*93089-6101*	*87005-6002*
Sample Date:				*3/20/89*	*3/20/89*	*3/20/89*	*3/20/89*	*3/20/89*	*3/20/89*	*3/20/89*	*3/20/89*	*3/20/89*	*10/5/93*	*12/7/94*	*4/18/96*	*10/7/96*	*10/7/96*	*10/5/93*
Analysis Date:				*3/20/89*	*3/22/89*	*3/26/89*	*3/20/89*	*3/22/89*	*3/26/89*	*3/20/89*	*3/22/89*	*3/26/89*	*10/5/93*	*12/7/94*	*4/18/96*	*10/7/96*	*10/20/96*	*10/5/93*
Sample Depth:													*(3-4)*		*(10.5-)*	*(11-13)*	*(11-13)*	*(3-4)*
Parameters	*Units*	*EPA* a	*NJ* b															
Metals																		
Lead	mg/Kg	750	600	-	-	-	-	-	-	-	-	-	ND	ND (1.0)	-	-	-	ND
Petroleum Products																		
Total Petroleum Hydrocarbons	mg/Kg	-	-	-	98.0	-	-	258.0	-	-	180.0	-	-	-	-	-	-	-
Volatiles																		
1,1,1-Trichloroethane	ug/Kg	3215687.81	1000000	-	-	ND (5.8)	-	-	ND (5.8)	-	-	ND (5.9)	-	-	ND	-	ND (6.0)	-
1,1,2-Trichloroethane	ug/Kg	1901.54	420000	-	-	ND (5.8)	-	-	ND (5.8)	-	-	ND (5.9)	-	-	ND	-	ND (6.0)	-
1,1-Dichloroethane	ug/Kg	2061342.61	1000000	-	-	ND (5.8)	-	-	ND (5.8)	-	-	ND (5.9)	-	-	ND	-	ND (6.0)	-
1,1-Dichloroethene	ug/Kg	118.70	150000	-	-	ND (5.8)	-	-	ND (5.8)	-	-	ND (5.9)	-	-	ND	-	ND (6.0)	-
1,2-Dichlorobenzene	ug/Kg	3320151.02	10000000	-	-	-	-	-	-	-	-	-	-	-	ND	-	-	-
1,2-Dichloroethane	ug/Kg	764.81	24000	-	-	ND (5.8)	-	-	ND (5.8)	-	-	ND (5.9)	-	-	ND	-	ND (6.0)	-
1,3-Dichlorobenzene	ug/Kg	51755.44	10000000	-	-	-	-	-	-	-	-	-	-	-	ND	-	-	-
1,4-Dichlorobenzene	ug/Kg	8128.69	10000000	-	-	-	-	-	-	-	-	-	-	-	ND	-	-	-
2-Hexanone	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	ND	-	-	-
4-Methyl-2-pentanone	ug/Kg	2886852.93	1000000	-	-	-	-	-	-	-	-	-	-	-	ND	-	-	-
Acetone	ug/Kg	6219622.78	1000000	-	-	-	-	-	-	-	-	-	-	-	ND	-	-	-
Benzene	ug/Kg	1454.93	13000	-	-	ND (5.8)	-	-	ND (5.8)	-	-	ND (5.9)	-	-	ND	-	ND (6.0)	-
Bromodichloromethane	ug/Kg	2357.29	46000	-	-	ND (5.8)	-	-	ND (5.8)	-	-	ND (5.9)	-	-	ND	-	ND (6.0)	-
Bromoform	ug/Kg	312245.45	370000	-	-	ND (5.8)	-	-	ND (5.8)	-	-	ND (5.9)	-	-	ND	-	ND (6.0)	-
Carbon disulfide	ug/Kg	1208831.87	-	-	-	-	-	-	-	-	-	-	-	-	ND	-	-	-
Chlorobenzene	ug/Kg	542926.75	680000	-	-	ND (5.8)	-	-	ND (5.8)	-	-	ND (5.9)	-	-	ND	-	ND (6.0)	-
Chloroform (Trichloromethane)	ug/Kg	521.01	28000	-	-	ND (5.8)	-	-	ND (5.8)	-	-	ND (5.9)	-	-	ND	-	ND (6.0)	-
cis-1,2-Dichloroethene	ug/Kg	147355.84	1000000	-	-	-	-	-	-	-	-	-	-	-	-	-	ND (6.0)	-
Ethylbenzene	ug/Kg	5973247.27	1000000	-	-	ND (5.8)	-	-	ND (5.8)	-	-	ND (5.9)	-	-	ND	-	ND (6.0)	-
m&p-Xylene	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	ND	-	-	-
Methyl Tert Butyl Ether	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	ND	-	ND (6.0)	-
Methylene chloride	ug/Kg	20526.15	210000	-	-	ND (5.8)	-	-	ND (5.8)	-	-	ND (5.9)	-	-	ND	-	11 B	-
o-Xylene	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	ND	-	-	-
Synthetic Organic Compounds (cancer)	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	ND	-	-	-	-	ND
Synthetic Organic Compounds (non-cancer)	ug/Kg	-	-	ND (5.8)	-	-	ND (5.8)	-	-	ND (5.9)	-	-	ND	-	ND	ND (6)	-	ND
Tetrachloroethene	ug/Kg	18666.92	6000	-	-	ND (5.8)	-	-	ND (5.8)	-	-	ND (5.9)	-	-	ND	-	ND (6.0)	-
Toluene	ug/Kg	1987470.14	1000000	-	-	ND (5.8)	-	-	ND (5.8)	-	-	ND (5.9)	-	-	ND	-	ND (6.0)	-
Total VOCS	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	ND	-	-	-
trans-1,2-Dichloroethene	ug/Kg	214152.32	1000000	-	-	ND (5.8)	-	-	ND (5.8)	-	-	ND (5.9)	-	-	ND	-	ND (6.0)	-
trans-1,3-Dichloropropene	ug/Kg	-	-	-	-	ND (5.8)	-	-	ND (5.8)	-	-	ND (5.9)	-	-	ND	-	ND (6.0)	-
Trichloroethene	ug/Kg	6116.22	54000	-	-	ND (5.8)	-	-	ND (5.8)	-	-	ND (5.9)	-	-	ND	-	ND (6.0)	-
Vinyl chloride	ug/Kg	830	7000	-	-	ND (11.6)	-	-	ND (11.6)	-	-	ND (11.8)	-	-	ND	-	ND (6.0)	-
Xylene (total)	ug/Kg	4453346.87	1000000	-	-	ND (5800)	-	-	ND (5800)	-	-	ND (5900)	-	-	-	-	ND (6.0)	-
Volatile TICS																		
2,3-dihydro-dimethyl-1H-Indene Isomer A	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,3-dihydro-dimethyl-1H-Indene Isomer B	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Acetone A	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1400	-
C5H12O Alcohol A	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C6H14O Alcohol A	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C8H16 Cycloalkane A	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C8H16 Cycloalkane B	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C9H18 Cycloalkane A	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C9H18 Cycloalkane B	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C9H10 aromatic A	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C9H20 Alkane A	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C9H20 Alkane B	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C9H18 Hydrocarbon	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C9H18O Ketone A	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C10H12 aromatic A	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C10H14 aromatic A	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C10H14 Aromatic/coeluting hydrocarbon	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C10H16 Hydrocarbon A	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C10H16 Hydrocarbon B	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C10H20 Cycloalkane A	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C11H14 Aromatic/Unknown Alkane	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C11H16 Aromatic/coeluting hydrocarbon	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C11H24 Alkane A	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C11H24 Alkane/C10H14 Aromatic	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C12H16 Aromatic	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C12H26 Alkane	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C14H30 Alkane	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Decahydronaphthalene Isomer A	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dimethylnaphthalene A	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dimethylnaphthalene B	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ethyldimethylbenzene Isomer A	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Methylnaphthalene isomer A	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Methylnaphthalene Isomer B	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Naphthalene A	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Napthalene/C13H28 Alkane	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

TABLE 6.1

ANALYTICAL RESULTS SUM OF DETECTED ANALYTES
HISTO OILS
LINDEN, NJ

Sample Location:				*PE-09*	*PE-09*	*PE-09*	*PE-10*	*PE-10*	*PE-10*	*PE-11*	*PE-11*	*PE-11*	*SB-01*	*SB-01*	*SB-01*	*SB-01*	*SB-01*	*SB-02*
Sample ID:				*89001-6009*	*89001-6009*	*89001-6009*	*89001-6010*	*89001-6010*	*89001-6010*	*89001-6011*	*89001-6011*	*89001-6011*	*87005-6001*	*93089-6001*	*93011-6107*	*93089-6101*	*93089-6101*	*87005-6002*
Sample Date:				*3/20/89*	*3/20/89*	*3/20/89*	*3/20/89*	*3/20/89*	*3/20/89*	*3/20/89*	*3/20/89*	*3/20/89*	*10/5/93*	*12/7/94*	*4/18/96*	*10/7/96*	*10/7/96*	*10/5/93*
Analysis Date:				*3/20/89*	*3/22/89*	*3/26/89*	*3/20/89*	*3/22/89*	*3/26/89*	*3/20/89*	*3/22/89*	*3/26/89*	*10/5/93*	*12/7/94*	*4/18/96*	*10/7/96*	*10/20/96*	*10/5/93*
Sample Depth:													*(3-4)*		*(10.5-)*	*(11-13)*	*(11-13)*	*(3-4)*
Parameters	*Units*	*EPA*	*NJ*															
		a	b															
Propane, 2-methoxy-2-methyl	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tetrahydromethylnaphthalene isomer A	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trimethylbenzene Isomer A	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trimethylbenzene Isomer B	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown A	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown B	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown C	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown D	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown Hydrocarbon A	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown Hydrocarbon B	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown Hydrocarbon C	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total volatile TICS	ug/Kg			0	0	0	0	0	0	0	0	0	0	0	0	0	1400	0

TABLE 6.1

ANALYTICAL RESULTS SUM[illegible] OF DETECTED ANALYTES
HISTO[illegible] OILS
LINDEN, NJ

Sample Location:				*SB-02*	*SB-02*	*SB-02*	*SB-02*	*SB-03*	*SB-03*	*SB-03*	*SB-03*	*SB-03*	*SB-03*	*SB-03*	*SB-03*	*SB-04*	*SB-04*
Sample ID:				*93089-6002*	*93011-6106*	*93089-6102*	*93089-6102*	*87005-6003*	*87005-6003*	*93089-6003*	*93011-6108*	*93089-6103a*	*93089-6103a*	*93089-6103b*	*93089-6103b*	*93011-6003*	*93089-6104*
Sample Date:				*12/7/94*	*4/18/96*	*10/7/96*	*10/17/96*	*10/5/93*	*10/5/93*	*12/7/94*	*4/18/96*	*10/8/96*	*10/8/96*	*10/8/96*	*10/8/96*	*4/18/96*	*10/8/96*
Analysis Date:				*12/7/94*	*4/18/96*	*10/7/96*	*10/17/96*	*10/5/93*	*10/5/93*	*12/7/94*	*4/18/96*	*10/8/96*	*10/21/96*	*10/8/96*	*10/20/96*	*4/18/96*	*10/8/96*
Sample Depth:					*(10.5-)*	*(3-5)*	*(3-5)*	*(3-4)*	*(3-4)*		*(10.5-)*	*(3-5)*	*(3-5)*	*(9-11)*	*(9-11)*	*(0-1)*	*(5-7)*
									Duplicate								
Parameters	*Units*	*EPA* a	*NJ* b														
Metals																	
Lead	mg/Kg	750	600	ND (1.0)	-	-	-	ND	ND	13	-	-	-	-	-	-	-
Petroleum Products																	
Total Petroleum Hydrocarbons	mg/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Volatiles																	
1,1,1-Trichloroethane	ug/Kg	3215687.81	1000000	-	ND	-	ND (140)	-	-	-	ND	-	ND (1.4)	-	ND (1.2)	ND	-
1,1,2-Trichloroethane	ug/Kg	1901.54	420000	-	ND	-	ND (140)	-	-	-	ND	-	ND (1.4)	-	ND (1.2)	ND	-
1,1-Dichloroethane	ug/Kg	2061342.61	1000000	-	ND	-	ND (140)	-	-	-	ND	-	ND (1.4)	-	ND (1.2)	ND	-
1,1-Dichloroethene	ug/Kg	118.70	150000	-	ND	-	ND (140)	-	-	-	ND	-	ND (1.4)	-	ND (1.2)	ND	-
1,2-Dichlorobenzene	ug/Kg	3320151.02	10000000	-	ND	-	-	-	-	-	ND	-	-	-	-	ND	-
1,2-Dichloroethane	ug/Kg	764.81	24000	-	ND	-	ND (140)	-	-	-	ND	-	ND (1.4)	-	ND (1.2)	ND	-
1,3-Dichlorobenzene	ug/Kg	51755.44	10000000	-	ND	-	-	-	-	-	ND	-	-	-	-	ND	-
1,4-Dichlorobenzene	ug/Kg	8128.69	10000000	-	ND	-	-	-	-	-	ND	-	-	-	-	ND	-
2-Hexanone	ug/Kg	-	-	-	ND	-	-	-	-	-	ND	-	-	-	-	ND	-
4-Methyl-2-pentanone	ug/Kg	2886852.93	1000000	-	ND	-	-	-	-	-	ND	-	-	-	-	ND	-
Acetone	ug/Kg	6219622.78	1000000	-	ND	-	-	-	-	-	ND	-	-	-	-	ND	-
Benzene	ug/Kg	1454.93	13000	-	ND	-	ND (140)	-	-	-	ND	-	ND (1.4)	-	ND (1.2)	ND	-
Bromodichloromethane	ug/Kg	2357.29	46000	-	ND	-	ND (140)	-	-	-	ND	-	ND (1.4)	-	ND (1.2)	ND	-
Bromoform	ug/Kg	312245.45	370000	-	ND	-	ND (140)	-	-	-	ND	-	ND (1.4)	-	ND (1.2)	ND	-
Carbon disulfide	ug/Kg	1208831.67	-	-	ND	-	-	-	-	-	ND	-	-	-	-	ND	-
Chlorobenzene	ug/Kg	542926.75	680000	-	ND	-	ND (140)	-	-	-	ND	-	ND (1.4)	-	ND (1.2)	ND	-
Chloroform (Trichloromethane)	ug/Kg	521.01	28000	-	ND	-	ND (140)	-	-	-	ND	-	ND (1.4)	-	ND (1.2)	ND	-
cis-1,2-Dichloroethene	ug/Kg	147355.84	1000000	-	-	-	ND (140)	-	-	-	-	-	ND (1.4)	-	ND (1.2)	-	-
Ethylbenzene	ug/Kg	5973247.27	1000000	-	ND	-	ND (140)	-	-	-	ND	-	ND (1.4)	-	ND (1.2)	ND	-
m&p-Xylene	ug/Kg	-	-	-	ND	-	-	-	-	-	ND	-	-	-	-	ND	-
Methyl Tert Butyl Ether	ug/Kg	-	-	-	ND	-	ND (140)	-	-	-	ND	-	ND (1.4)	-	ND (1.2)	ND	-
Methylene chloride	ug/Kg	20526.15	210000	-	ND	-	ND (140)	-	-	-	ND	-	3.6 B	-	1.1 JB	ND	-
o-Xylene	ug/Kg	-	-	-	ND	-	-	-	-	-	ND	-	-	-	-	ND	-
Synthetic Organic Compounds (cancer)	ug/Kg	-	-	-	-	-	-	ND	-	-	-	-	-	-	-	-	-
Synthetic Organic Compounds (non-cancer)	ug/Kg	-	-	-	ND	20200	-	ND	-	-	ND	ND (1.4)	-	ND (1.2)	-	ND	ND (1.2)
Tetrachloroethene	ug/Kg	18666.92	6000	-	ND	-	ND (140)	-	-	-	ND	-	ND (1.4)	-	ND (1.2)	ND	-
Toluene	ug/Kg	1987470.14	1000000	-	ND	-	ND (140)	-	-	-	ND	-	3.8	-	ND (1.2)	ND	-
Total VOCS	ug/Kg	-	-	-	ND	-	-	-	-	-	ND	-	-	-	-	ND	-
trans-1,2-Dichloroethene	ug/Kg	214152.32	1000000	-	ND	-	ND (140)	-	-	-	ND	-	ND (1.4)	-	ND (1.2)	ND	-
trans-1,3-Dichloropropene	ug/Kg	-	-	-	ND	-	ND (140)	-	-	-	ND	-	ND (1.4)	-	ND (1.2)	ND	-
Trichloroethene	ug/Kg	6116.22	54000	-	ND	-	ND (140)	-	-	-	ND	-	ND (1.4)	-	ND (1.2)	ND	-
Vinyl chloride	ug/Kg	830	7000	-	ND	-	ND (140)	-	-	-	ND	-	ND (1.4)	-	ND (1.2)	ND	-
Xylene (total)	ug/Kg	4453346.87	1000000	-	-	-	ND (140)	-	-	-	-	-	3.1	-	ND (1.2)	-	-
Volatile TICS																	
2,3-dihydro-dimethyl-1H-Indene Isomer A	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,3-dihydro-dimethyl-1H-Indene Isomer B	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Acetone A	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	8.5	-	69	-	-
C5H12O Alcohol A	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C6H14O Alcohol A	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C6H16 Cycloalkane A	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C6H16 Cycloalkane B	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C9H18 Cycloalkane A	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C9H18 Cycloalkane B	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C9H10 aromatic A	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C9H20 Alkane A	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C9H20 Alkane B	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C9H18 Hydrocarbon	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C9H18O Ketone A	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C10H12 aromatic A	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C10H14 aromatic A	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C10H14 Aromatic/coeluting hydrocarbon	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C10H16 Hydrocarbon A	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C10H16 Hydrocarbon B	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C10H20 Cycloalkane A	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C11H14 Aromatic/Unknown Alkane	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C11H16 Aromatic/coeluting hydrocarbon	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C11H24 Alkane A	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C11H24 Alkane/C10H14 Aromatic	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C12H16 Aromatic	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C12H26 Alkane	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C14H30 Alkane	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Decahydronaphthalene Isomer A	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dimethylnaphthalene A	ug/Kg	-	-	-	-	-	1400	-	-	-	-	-	-	-	-	-	-
Dimethylnaphthalene B	ug/Kg	-	-	-	-	-	2200	-	-	-	-	-	-	-	-	-	-
Ethyldimethylbenzene Isomer A	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Methylnaphthalene Isomer A	ug/Kg	-	-	-	-	-	3900	-	-	-	-	-	-	-	-	-	-
Methylnaphthalene Isomer B	ug/Kg	-	-	-	-	-	2600	-	-	-	-	-	-	-	-	-	-
Naphthalene A	ug/Kg	-	-	-	-	-	6200	-	-	-	-	-	17	-	-	-	-
Napthalene/C13H28 Alkane	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

TABLE 6.1

ANALYTICAL RESULTS SUM OF DETECTED ANALYTES
HISTC OILS
LINDEN, NJ

Sample Location:				SB-02	SB-02	SB-02	SB-02	SB-03	SB-03	SB-03	SB-03	SB-03	SB-03	SB-03	SB-03	SB-04	SB-04
Sample ID:				93089-6002	93011-6106	93089-6102	93089-6102	87005-6003	87005-6003	93089-6003	93011-6108	93089-6103a	93089-6103a	93089-6103b	93089-6103b	93011-6003	93089-6104
Sample Date:				12/7/94	4/18/96	10/7/96	10/7/96	10/5/93	10/5/93	12/7/94	4/18/96	10/8/96	10/8/96	10/8/96	10/8/96	4/18/96	10/8/96
Analysis Date:				12/7/94	4/18/96	10/7/96	10/17/96	10/5/93	10/5/93	12/7/94	4/18/96	10/8/96	10/21/96	10/8/96	10/20/96	4/18/96	10/8/96
Sample Depth:					(10.5-)	(3-5)	(3-5)	(3-4)	(3-4)		(10.5-)	(3-5)	(3-5)	(9-11)	(9-11)	(0-1)	(5-7)
									Duplicate								
Parameters	*Units*	*EPA*	*NJ*														
		a	b														
Propane, 2-methoxy-2-methyl	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tetrahydromethylnaphthalene isomer A	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trimethylbenzene Isomer A	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trimethylbenzene Isomer B	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown A	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown B	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown C	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown D	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown Hydrocarbon A	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown Hydrocarbon B	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown Hydrocarbon C	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total volatile TICS	ug/Kg			0	0	0	16300	0	0	0	0	0	25.5	0	69	0	0

TABLE 6.1

ANALYTICAL RESULTS SU[illegible] OF DETECTED ANALYTES
HISTO[illegible] SOILS
LINDEN, NJ

Sample Location:				SB-04	SB-05	SB-05	SB-05	SB-05	SB-06	SB-06	SB-07	SB-07	SB-08	SB-08	SB-08	SB-08	SB-09
Sample ID:				93089-6104	93089-6005	93011-6005	93089-6105	93089-6105	93089-6106	93089-6106	93089-6107	93089-6107	93089-6108a	93089-6108a	93089-6108b	93089-6108b	93089-6109
Sample Date:				10/8/96	12/7/93	4/18/96	10/9/96	10/9/96	10/9/96	10/9/96	10/9/96	10/9/96	10/9/96	10/9/96	10/9/96	10/9/96	10/9/96
Analysis Date:				10/20/96	12/7/93	4/18/96	10/9/96	10/18/96	10/9/96	10/22/96	10/9/96	10/21/96	10/9/96	10/18/96	10/9/96	10/21/96	10/9/96
Sample Depth:				(5-7)		(0-1)	(3-5)	(3-5)	(7-9)	(7-9)	(29-31)	(29-31)	(5-7)	(5-7)	(27-29)	(27-29)	(7-9)
Parameters	*Units*	*EPA* a	*NJ* b														
Metals																	
Lead	mg/Kg	750	600	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Petroleum Products																	
Total Petroleum Hydrocarbons	mg/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Volatiles																	
1,1,1-Trichloroethane	ug/Kg	3215687.81	1000000	ND (1.2)	ND (6)	ND	-	ND (160)	-	ND (1.2)	-	ND (1.2)	-	ND (160)	-	ND (1.2)	-
1,1,2-Trichloroethane	ug/Kg	1901.54	420000	ND (1.2)	ND (4)	ND	-	ND (160)	-	ND (1.2)	-	ND (1.2)	-	ND (160)	-	ND (1.2)	-
1,1-Dichloroethane	ug/Kg	2061342.61	1000000	ND (1.2)	ND (6)	ND	-	ND (160)	-	ND (1.2)	-	ND (1.2)	-	ND (160)	-	ND (1.2)	-
1,1-Dichloroethene	ug/Kg	118.70	150000	ND (1.2)	ND (2)	ND	-	ND (160)	-	ND (1.2)	-	ND (1.2)	-	ND (160)	-	ND (1.2)	-
1,2-Dichlorobenzene	ug/Kg	3320151.02	10000000	-	ND (6)	ND	-	-	-	-	-	-	-	-	-	-	-
1,2-Dichloroethane	ug/Kg	764.81	24000	ND (1.2)	ND (2)	ND	-	ND (160)	-	ND (1.2)	-	ND (1.2)	-	ND (160)	-	ND (1.2)	-
1,3-Dichlorobenzene	ug/Kg	51755.44	10000000	-	ND (6)	ND	-	-	-	-	-	-	-	-	-	-	-
1,4-Dichlorobenzene	ug/Kg	8128.69	10000000	-	ND (6)	ND	-	-	-	-	-	-	-	-	-	-	-
2-Hexanone	ug/Kg	-	-	-	ND (24)	ND	-	-	-	-	-	-	-	-	-	-	-
4-Methyl-2-pentanone	ug/Kg	2886852.93	1000000	-	ND (30)	ND	-	-	-	-	-	-	-	-	-	-	-
Acetone	ug/Kg	6219622.78	1000000	-	ND (24)	ND	-	-	-	-	-	-	-	-	-	-	-
Benzene	ug/Kg	1454.93	13000	1.6	ND (1)	ND	-	ND (160)	-	ND (1.2)	-	ND (1.2)	-	ND (160)	-	ND (1.2)	-
Bromodichloromethane	ug/Kg	2357.29	46000	ND (1.2)	-	ND	-	ND (160)	-	ND (1.2)	-	ND (1.2)	-	ND (160)	-	ND (1.2)	-
Bromoform	ug/Kg	312245.45	370000	ND (1.2)	ND (5)	ND	-	ND (160)	-	ND (1.2)	-	ND (1.2)	-	ND (160)	-	ND (1.2)	-
Carbon disulfide	ug/Kg	1208831.87	-	-	ND (6)	ND	-	-	-	-	-	-	-	-	-	-	-
Chlorobenzene	ug/Kg	542926.75	680000	ND (1.2)	ND (5)	ND	-	ND (160)	-	ND (1.2)	-	ND (1.2)	-	ND (160)	-	ND (1.2)	-
Chloroform (Trichloromethane)	ug/Kg	521.01	28000	ND (1.2)	ND (6)	ND	-	ND (160)	-	ND (1.2)	-	ND (1.2)	-	ND (160)	-	ND (1.2)	-
cis-1,2-Dichloroethene	ug/Kg	147355.84	1000000	ND (1.2)	-	-	-	ND (160)	-	ND (1.2)	-	ND (1.2)	-	ND (160)	-	ND (1.2)	-
Ethylbenzene	ug/Kg	5973247.27	1000000	ND (1.2)	ND (6)	ND	-	ND (160)	-	ND (1.2)	-	ND (1.2)	-	ND (160)	-	ND (1.2)	-
m&p-Xylene	ug/Kg	-	-	-	ND (6)	ND	-	-	-	-	-	-	-	-	-	-	-
Methyl Tert Butyl Ether	ug/Kg	-	-	ND (1.2)	ND (6)	ND	-	-	-	-	-	-	-	-	-	-	-
Methylene chloride	ug/Kg	20526.15	210000	1.6 B	2 J	ND	-	ND (160)	-	1.5 B	-	4.8 B	-	ND (160)	-	5.3 B	-
o-Xylene	ug/Kg	-	-	-	ND (6)	ND	-	-	-	-	-	-	-	-	-	-	-
Synthetic Organic Compounds (cancer)	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Synthetic Organic Compounds (non-cancer)	ug/Kg	-	-	-	ND (20)	ND	ND (160)	-	ND (1.2)	-	ND (1.2)	-	12600	-	ND (1.2)	-	ND (1.2)
Tetrachloroethene	ug/Kg	18666.92	6000	ND (1.2)	ND (1)	ND	-	ND (160)	-	ND (1.2)	-	ND (1.2)	-	ND (160)	-	ND (1.2)	-
Toluene	ug/Kg	1987470.14	1000000	2.3	ND (6)	ND	-	ND (160)	-	ND (1.2)	-	ND (1.2)	-	ND (160)	-	ND (1.2)	-
Total VOCS	ug/Kg	-	-	-	2	ND	-	-	-	-	-	-	-	-	-	-	-
trans-1,2-Dichloroethene	ug/Kg	214152.32	1000000	ND (1.2)	ND (6)	ND	-	ND (160)	-	ND (1.2)	-	ND (1.2)	-	ND (160)	-	ND (1.2)	-
trans-1,3-Dichloropropene	ug/Kg	-	-	ND (1.2)	ND (6)	ND	-	ND (160)	-	ND (1.2)	-	ND (1.2)	-	ND (160)	-	ND (1.2)	-
Trichloroethene	ug/Kg	6116.22	54000	ND (1.2)	ND (1)	ND	-	ND (160)	-	ND (1.2)	-	ND (1.2)	-	ND (160)	-	ND (1.2)	-
Vinyl chloride	ug/Kg	830	7000	ND (1.2)	ND (6)	ND	-	ND (160)	-	ND (1.2)	-	ND (1.2)	-	ND (160)	-	ND (1.2)	-
Xylene (total)	ug/Kg	4453346.87	1000000	1.8	-	-	-	ND (160)	-	ND (1.2)	-	ND (1.2)	-	80 J	-	ND (1.2)	-
Volatile TICS																	
2,3-dihydro-dimethyl-1H-Indene Isomer A	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,3-dihydro-dimethyl-1H-Indene Isomer B	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Acetone A	ug/Kg	-	-	25	-	-	-	-	-	61	-	53	-	-	-	970	-
C5H12O Alcohol A	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C6H14O Alcohol A	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C6H16 Cycloalkane A	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	4000	-	-	-
C5H16 Cycloalkane B	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	14000	-	-	-
C9H18 Cycloalkane A	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	4700	-	-	-
C9H18 Cycloalkane B	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	3400	-	-	-
C9H10 aromatic A	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C9H20 Alkane A	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	2500	-	-	-
C9H20 Alkane B	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	5700	-	-	-
C9H18 Hydrocarbon	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	4100	-	-	-
C9H18O Ketone A	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C10H12 aromatic A	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C10H14 aromatic A	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C10H14 Aromatic/coeluting hydrocarbon	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C10H16 Hydrocarbon A	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C10H16 Hydrocarbon B	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C10H20 Cycloalkane A	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C11H14 Aromatic/Unknown Alkane	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C11H16 Aromatic/coeluting hydrocarbon	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C11H24 Alkane A	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C11H24 Alkane/C10H14 Aromatic	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C12H16 Aromatic	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C12H26 Alkane	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C14H30 Alkane	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Decahydronaphthalene Isomer A	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dimethylnaphthalene A	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dimethylnaphthalene B	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ethyldimethylbenzene Isomer A	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Methylnaphthalene isomer A	ug/Kg	-	-	-	-	-	-	1400	-	-	-	-	-	-	-	-	-
Methylnaphthalene Isomer B	ug/Kg	-	-	-	-	-	-	800	-	-	-	-	-	-	-	-	-
Naphthalene A	ug/Kg	-	-	-	-	-	-	5500	-	-	-	-	-	-	-	-	-
Napthalene/C13H28 Alkane	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

TABLE 6.1

ANALYTICAL RESULTS SU[illegible] OF DETECTED ANALYTES
HISTO[illegible] OILS
LINDEN, NJ

Sample Location:				*SB-04*	*SB-05*	*SB-05*	*SB-05*	*SB-05*	*SB-06*	*SB-06*	*SB-07*	*SB-07*	*SB-08*	*SB-08*	*SB-08*	*SB-08*	*SB-09*
Sample ID:				*93089-6104*	*93089-6005*	*93011-6005*	*93089-6105*	*93089-6105*	*93089-6106*	*93089-6106*	*93089-6107*	*93089-6107*	*93089-6108a*	*93089-6108a*	*93089-6108b*	*93089-6108b*	*93089-6109*
Sample Date:				*10/8/96*	*12/7/93*	*4/18/96*	*10/9/96*	*10/9/96*	*10/9/96*	*10/9/96*	*10/9/96*	*10/9/96*	*10/9/96*	*10/9/96*	*10/9/96*	*10/9/96*	*10/9/96*
Analysis Date:				*10/20/96*	*12/7/93*	*4/18/96*	*10/9/96*	*10/18/96*	*10/9/96*	*10/22/96*	*10/9/96*	*10/21/96*	*10/9/96*	*10/18/96*	*10/9/96*	*10/21/96*	*10/9/96*
Sample Depth:				*(5-7)*		*(0-1)*	*(3-5)*	*(3-5)*	*(7-9)*	*(7-9)*	*(29-31)*	*(29-31)*	*(5-7)*	*(5-7)*	*(27-29)*	*(27-29)*	*(7-9)*
Parameters	*Units*	*EPA*	*NJ*														
		a	b														
Propane, 2-methoxy-2-methyl	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tetrahydromethylnaphthalene isomer A	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trimethylbenzene Isomer A	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trimethylbenzene Isomer B	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown A	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown B	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown C	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown D	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown Hydrocarbon A	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	7000	-	-	-
Unknown Hydrocarbon B	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	3200	-	-	-
Unknown Hydrocarbon C	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	2400	-	-	-
Total volatile TICS	ug/Kg			25	0	0	0	7700	0	61	0	53	0	51000	0	970	0

TABLE 6.1

ANALYTICAL RESULTS SUM[illegible] OF DETECTED ANALYTES
HISTC[illegible] OILS
LINDEN, NJ

Sample Location:				*SB-09*	*SB-10*	*SB-10*	*SB-10*	*SB-12*	*SB-12*	*SB-13*	*SB-13*	*SB-13*	*SB-13*	*SB-16*	*SB-16*	*SB-17*	*SB-17*
Sample ID:				*93089-6109*	*93089-6110a*	*93089-6110a*	*93089-6110b*	*93089-6112*	*93089-6112*	*93089-6113a*	*93089-6113a*	*93089-6113b*	*93089-6113b*	*93089-6116*	*93089-6116*	*93089-6117*	*93089-6117*
Sample Date:				*10/9/96*	*10/9/96*	*10/9/96*	*10/9/96*	*10/10/96*	*10/10/96*	*10/10/96*	*10/10/96*	*10/10/96*	*10/10/96*	*10/11/96*	*10/11/96*	*10/11/96*	*10/11/96*
Analysis Date:				*10/22/96*	*10/9/96*	*10/22/96*	*10/22/96*	*10/10/96*	*10/20/96*	*10/10/96*	*10/23/96*	*10/10/96*	*10/23/96*	*10/11/96*	*10/23/96*	*10/11/96*	*10/23/96*
Sample Depth:				*(7-9)*	*(15-17)*	*(15-17)*	*(19-21)*	*(6-8)*	*(6-8)*	*(8-10)*	*(8-10)*	*(14-16)*	*(14-16)*	*(6-8)*	*(6-8)*	*(7-9)*	*(7-9)*
Parameters	*Units*	*EPA* a	*NJ* b														
Metals																	
Lead	mg/Kg	750	600	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Petroleum Products																	
Total Petroleum Hydrocarbons	mg/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Volatiles																	
1,1,1-Trichloroethane	ug/Kg	3215687.81	1000000	ND (1.2)	-	ND (1.2)	-	-	ND (180)	-	ND (1.2)	-	ND (1.2)	-	ND (1.1)	-	ND (2.5)
1,1,2-Trichloroethane	ug/Kg	1901.54	420000	ND (1.2)	-	ND (1.2)	-	-	ND (180)	-	ND (1.2)	-	ND (1.2)	-	ND (1.1)	-	ND (2.5)
1,1-Dichloroethane	ug/Kg	2061342.61	1000000	ND (1.2)	-	ND (1.2)	-	-	ND (180)	-	ND (1.2)	-	ND (1.2)	-	ND (1.1)	-	ND (2.5)
1,1-Dichloroethene	ug/Kg	118.70	150000	ND (1.2)	-	ND (1.2)	-	-	ND (180)	-	ND (1.2)	-	ND (1.2)	-	ND (1.1)	-	ND (2.5)
1,2-Dichlorobenzene	ug/Kg	3320151.02	10000000	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2-Dichloroethane	ug/Kg	764.81	24000	ND (1.2)	-	ND (1.2)	-	-	ND (180)	-	ND (1.2)	-	ND (1.2)	-	ND (1.1)	-	ND (2.5)
1,3-Dichlorobenzene	ug/Kg	51755.44	10000000	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,4-Dichlorobenzene	ug/Kg	8128.69	10000000	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Hexanone	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Methyl-2-pentanone	ug/Kg	2886852.93	1000000	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Acetone	ug/Kg	6219622.78	1000000	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene	ug/Kg	1454.93	13000	ND (1.2)	-	ND (1.2)	-	-	ND (180)	-	ND (1.2)	-	ND (1.2)	-	ND (1.1)	-	4.0
Bromodichloromethane	ug/Kg	2357.29	46000	ND (1.2)	-	ND (1.2)	-	-	ND (180)	-	ND (1.2)	-	ND (1.2)	-	ND (1.1)	-	ND (2.5)
Bromoform	ug/Kg	312245.45	370000	ND (1.2)	-	ND (1.2)	-	-	ND (180)	-	ND (1.2)	-	ND (1.2)	-	ND (1.1)	-	ND (2.5)
Carbon disulfide	ug/Kg	1208831.87	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chlorobenzene	ug/Kg	542926.75	680000	ND (1.2)	-	ND (1.2)	-	-	ND (180)	-	ND (1.2)	-	ND (1.2)	-	ND (1.1)	-	ND (2.5)
Chloroform (Trichloromethane)	ug/Kg	521.01	26000	ND (1.2)	-	ND (1.2)	-	-	ND (180)	-	ND (1.2)	-	ND (1.2)	-	ND (1.1)	-	ND (2.5)
cis-1,2-Dichloroethene	ug/Kg	147355.84	1000000	ND (1.2)	-	ND (1.2)	-	-	ND (180)	-	ND (1.2)	-	ND (1.2)	-	ND (1.1)	-	9.2
Ethylbenzene	ug/Kg	5973247.27	1000000	ND (1.2)	-	ND (1.2)	-	-	ND (180)	-	ND (1.2)	-	ND (1.2)	-	ND (1.1)	-	71
m&p-Xylene	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Methyl Tert Butyl Ether	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Methylene chloride	ug/Kg	20526.15	210000	ND (1.2)	-	0.9 JB	-	-	ND (180)	-	2.6 B	-	2.5 B	-	6.4	-	7.3 B
o-Xylene	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Synthetic Organic Compounds (cancer)	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Synthetic Organic Compounds (non-cancer)	ug/Kg	-	-	-	10	-	-	124000	-	ND (1.2)	-	ND (1.2)	-	ND (1.1)	-	10	-
Tetrachloroethene	ug/Kg	18666.92	6000	ND (1.2)	-	ND (1.2)	-	-	ND (180)	-	ND (1.2)	-	ND (1.2)	-	ND (1.1)	-	ND (2.5)
Toluene	ug/Kg	1987470.14	1000000	ND (1.2)	-	ND (1.2)	-	-	ND (180)	-	ND (1.2)	-	ND (1.2)	-	ND (1.1)	-	33
Total VOCS	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
trans-1,2-Dichloroethene	ug/Kg	214152.32	1000000	ND (1.2)	-	ND (1.2)	-	-	ND (180)	-	ND (1.2)	-	ND (1.2)	-	ND (1.1)	-	ND (2.5)
trans-1,3-Dichloropropene	ug/Kg	-	-	ND (1.2)	-	ND (1.2)	-	-	ND (180)	-	ND (1.2)	-	ND (1.2)	-	ND (1.1)	-	ND (2.5)
Trichloroethene	ug/Kg	6116.22	54000	ND (1.2)	-	ND (1.2)	-	-	ND (180)	-	ND (1.2)	-	ND (1.2)	-	ND (1.1)	-	ND (2.5)
Vinyl chloride	ug/Kg	830	7000	ND (1.2)	-	ND (1.2)	-	-	ND (180)	-	ND (1.2)	-	ND (1.2)	-	ND (1.1)	-	ND (2.5)
Xylene (total)	ug/Kg	4453346.87	1000000	ND (1.2)	-	ND (1.2)	-	-	ND (180)	-	ND (1.2)	-	ND (1.2)	-	ND (1.1)	-	320
Volatile TICS																	
2,3-dihydro-dimethyl-1H-Indene Isomer A	ug/Kg	-	-	-	-	-	-	-	46000	-	-	-	-	-	-	-	-
2,3-dihydro-dimethyl-1H-Indene Isomer B	ug/Kg	-	-	-	-	-	-	-	48000	-	-	-	-	-	-	-	-
Acetone A	ug/Kg	-	-	14	-	610	640	-	-	-	-	-	-	-	-	-	15
C5H12O Alcohol A	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C6H14O Alcohol A	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C6H12 Cycloalkane A	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C6H12 Cycloalkane B	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C9H18 Cycloalkane A	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C9H18 Cycloalkane B	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C9H10 aromatic A	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	17
C9H20 Alkane A	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C9H20 Alkane B	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C9H18 Hydrocarbon	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C9H18O Ketone A	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	58
C10H12 aromatic A	ug/Kg	-	-	-	-	17	-	-	51000	-	-	-	-	-	-	-	-
C10H14 aromatic A	ug/Kg	-	-	-	-	-	-	-	73000	-	-	-	-	-	-	-	-
C10H14 Aromatic/coeluting hydrocarbon	ug/Kg	-	-	-	-	-	-	-	58000	-	-	-	-	-	-	-	-
C10H16 Hydrocarbon A	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C10H16 Hydrocarbon B	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C10H20 Cycloalkane A	ug/Kg	-	-	-	-	-	-	-	51000	-	-	-	-	-	-	-	-
C11H14 Aromatic/Unknown Alkane	ug/Kg	-	-	-	-	11	-	-	-	-	-	-	-	-	-	-	-
C11H16 Aromatic/coeluting hydrocarbon	ug/Kg	-	-	-	-	-	-	-	37000	-	-	-	-	-	-	-	-
C11H24 Alkane A	ug/Kg	-	-	-	-	-	-	-	36000	-	-	-	-	-	-	-	-
C11H24 Alkane/C10H14 Aromatic	ug/Kg	-	-	-	-	16	-	-	-	-	-	-	-	-	-	-	-
C12H16 Aromatic	ug/Kg	-	-	-	-	11	-	-	48000	-	-	-	-	-	-	-	-
C12H26 Alkane	ug/Kg	-	-	-	-	18	-	-	-	-	-	-	-	-	-	-	-
C14H30 Alkane	ug/Kg	-	-	-	-	14	-	-	-	-	-	-	-	-	-	-	-
Decahydronaphthalene Isomer A	ug/Kg	-	-	-	-	-	-	-	66000	-	-	-	-	-	-	-	-
Dimethylnaphthalene A	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dimethylnaphthalene B	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ethyldimethylbenzene Isomer A	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	50
Methylnaphthalene isomer A	ug/Kg	-	-	-	-	12	-	-	-	-	-	-	-	-	-	-	-
Methylnaphthalene Isomer B	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Naphthalene A	ug/Kg	-	-	6.2	-	-	-	-	-	-	-	-	-	-	-	-	19
Napthalene/C13H28 Alkane	ug/Kg	-	-	-	-	23	-	-	-	-	-	-	-	-	-	-	-

TABLE 6.1

ANALYTICAL RESULTS SUM OF DETECTED ANALYTES
HISTC OILS
LINDEN, NJ

Sample Location:				*SB-09*	*SB-10*	*SB-10*	*SB-10*	*SB-12*	*SB-12*	*SB-13*	*SB-13*	*SB-13*	*SB-13*	*SB-16*	*SB-16*	*SB-17*	*SB-17*
Sample ID:				*93089-6109*	*93089-6110a*	*93089-6110a*	*93089-6110b*	*93089-6112*	*93089-6112*	*93089-6113a*	*93089-6113a*	*93089-6113b*	*93089-6113b*	*93089-6116*	*93089-6116*	*93089-6117*	*93089-6117*
Sample Date:				*10/9/96*	*10/9/96*	*10/9/96*	*10/9/96*	*10/10/96*	*10/10/96*	*10/10/96*	*10/10/96*	*10/10/96*	*10/10/96*	*10/11/96*	*10/11/96*	*10/11/96*	*10/11/96*
Analysis Date:				*10/22/96*	*10/9/96*	*10/22/96*	*10/22/96*	*10/10/96*	*10/20/96*	*10/10/96*	*10/23/96*	*10/10/96*	*10/23/96*	*10/11/96*	*10/23/96*	*10/11/96*	*10/23/96*
Sample Depth:				*(7-9)*	*(15-17)*	*(15-17)*	*(19-21)*	*(6-8)*	*(6-8)*	*(8-10)*	*(8-10)*	*(14-16)*	*(14-16)*	*(6-8)*	*(6-8)*	*(7-9)*	*(7-9)*
Parameters	*Units*	*EPA*	*NJ*														
		n	b														
Propane, 2-methoxy-2-methyl	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tetrahydromethylnaphthalene isomer A	ug/Kg	-	-	-	-	19	-	-	-	-	-	-	-	-	-	-	-
Trimethylbenzene Isomer A	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	56
Trimethylbenzene Isomer B	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	25
Unknown A	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown B	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown C	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown D	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown Hydrocarbon A	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown Hydrocarbon B	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown Hydrocarbon C	ug/Kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total volatile TICS	ug/Kg			20.2	0	751	640	0	514000	0	0	0	0	0	0	0	240

Notes:

J	Estimated value
B	< CRDL but >= Insu
ND	Non-detect at associ

TABLE 6.1

ANALYTICAL RESULTS SUM OF DETECTED ANALYTES
HISTC OILS
LINDEN, NJ

Sample Location:				SB-18	SB-18	SB-18	SB-18	SB-23	SB-23
Sample ID:				93089-6118a	93089-6118a	93089-6118b	93089-6118b	93089-6123	93089-6123
Sample Date:				10/11/96	10/11/96	10/11/96	10/11/96	10/15/96	10/15/96
Analysis Date:				10/11/96	10/24/96	10/11/96	10/23/96	10/15/96	10/25/96
Sample Depth:				(9-11)	(9-11)	(11-13)	(11-13)	(6-8)	(6-8)
Parameters	*Units*	*EPA* a	*NJ* b						
Metals									
Lead	mg/Kg	750	600	-	-	-	-	-	-
Petroleum Products									
Total Petroleum Hydrocarbons	mg/Kg	-	-	-	-	-	-	-	-
Volatiles									
1,1,1-Trichloroethane	ug/Kg	3215687.81	1000000	-	ND (1.2)	-	ND (1.3)	-	ND (1.2)
1,1,2-Trichloroethane	ug/Kg	1901.54	420000	-	ND (1.2)	-	ND (1.3)	-	ND (1.2)
1,1-Dichloroethane	ug/Kg	2061342.61	1000000	-	ND (1.2)	-	ND (1.3)	-	ND (1.2)
1,1-Dichloroethene	ug/Kg	116.70	150000	-	ND (1.2)	-	ND (1.3)	-	ND (1.2)
1,2-Dichlorobenzene	ug/Kg	3320151.02	10000000	-	-	-	-	-	-
1,2-Dichloroethane	ug/Kg	764.81	24000	-	ND (1.2)	-	ND (1.3)	-	ND (1.2)
1,3-Dichlorobenzene	ug/Kg	51755.44	10000000	-	-	-	-	-	-
1,4-Dichlorobenzene	ug/Kg	8128.69	10000000	-	-	-	-	-	-
2-Hexanone	ug/Kg	-	-	-	-	-	-	-	-
4-Methyl-2-pentanone	ug/Kg	2886852.93	1000000	-	-	-	-	-	-
Acetone	ug/Kg	6219622.78	1000000	-	-	-	-	-	-
Benzene	ug/Kg	1454.93	13000	-	0.8 J	-	9.2	-	ND (1.2)
Bromodichloromethane	ug/Kg	2357.29	46000	-	ND (1.2)	-	ND (1.3)	-	ND (1.2)
Bromoform	ug/Kg	312245.45	370000	-	ND (1.2)	-	ND (1.3)	-	ND (1.2)
Carbon disulfide	ug/Kg	1208831.87	-	-	-	-	-	-	-
Chlorobenzene	ug/Kg	542926.75	680000	-	ND (1.2)	-	ND (1.3)	-	ND (1.2)
Chloroform (Trichloromethane)	ug/Kg	521.01	28000	-	ND (1.2)	-	ND (1.3)	-	ND (1.2)
cis-1,2-Dichloroethene	ug/Kg	147355.84	1000000	-	ND (1.2)	-	ND (1.3)	-	ND (1.2)
Ethylbenzene	ug/Kg	5973247.27	1000000	-	ND (1.2)	-	4.0	-	ND (1.2)
m&p-Xylene	ug/Kg	-	-	-	-	-	-	-	-
Methyl Tert Butyl Ether	ug/Kg	-	-	-	-	-	-	-	-
Methylene chloride	ug/Kg	20526.15	210000	-	3.0 B	-	4.8 B	-	2.7 B
o-Xylene	ug/Kg	-	-	-	-	-	-	-	-
Synthetic Organic Compounds (cancer)	ug/Kg	-	-	-	-	-	-	-	-
Synthetic Organic Compounds (non-cancer)	ug/Kg	-	-	ND (1.2)	-	ND (1.3)	-	ND (1.2)	-
Tetrachloroethene	ug/Kg	18666.92	6000	-	ND (1.2)	-	ND (1.3)	-	ND (1.2)
Toluene	ug/Kg	1987470.14	1000000	-	0.9 J	-	2.6	-	ND (1.2)
Total VOCS	ug/Kg	-	-	-	-	-	-	-	2.7
trans-1,2-Dichloroethene	ug/Kg	214152.32	1000000	-	ND (1.2)	-	ND (1.3)	-	ND (1.2)
trans-1,3-Dichloropropene	ug/Kg	-	-	-	ND (1.2)	-	ND (1.3)	-	ND (1.2)
Trichloroethene	ug/Kg	6116.22	54000	-	ND (1.2)	-	ND (1.3)	-	ND (1.2)
Vinyl chloride	ug/Kg	830	7000	-	ND (1.2)	-	ND (1.3)	-	ND (1.2)
Xylene (total)	ug/Kg	4453346.87	1000000	-	ND (1.2)	-	7.8	-	ND (1.2)
Volatile TICS									
2,3-dihydro-dimethyl-1H-Indene Isomer A	ug/Kg	-	-	-	-	-	-	-	-
2,3-dihydro-dimethyl-1H-Indene Isomer B	ug/Kg	-	-	-	-	-	-	-	-
Acetone A	ug/Kg	-	-	-	7.0	-	9.2	-	-
C5H12O Alcohol A	ug/Kg	-	-	-	6.6	-	-	-	-
C6H14O Alcohol A	ug/Kg	-	-	-	6.9	-	-	-	-
C6H16 Cycloalkane A	ug/Kg	-	-	-	-	-	-	-	-
C6H16 Cycloalkane B	ug/Kg	-	-	-	-	-	-	-	-
C9H18 Cycloalkane A	ug/Kg	-	-	-	-	-	-	-	-
C9H18 Cycloalkane B	ug/Kg	-	-	-	-	-	-	-	-
C9H10 aromatic A	ug/Kg	-	-	-	-	-	-	-	-
C9H20 Alkane A	ug/Kg	-	-	-	-	-	-	-	-
C9H20 Alkane B	ug/Kg	-	-	-	-	-	-	-	-
C9H18 Hydrocarbon	ug/Kg	-	-	-	-	-	-	-	-
C9H18O Ketone A	ug/Kg	-	-	-	-	-	-	-	-
C10H12 aromatic A	ug/Kg	-	-	-	-	-	-	-	-
C10H14 aromatic A	ug/Kg	-	-	-	-	-	-	-	-
C10H14 Aromatic/coeluting hydrocarbon	ug/Kg	-	-	-	-	-	-	-	-
C10H16 Hydrocarbon A	ug/Kg	-	-	-	-	-	-	-	-
C10H16 Hydrocarbon B	ug/Kg	-	-	-	-	-	-	-	-
C10H20 Cycloalkane A	ug/Kg	-	-	-	-	-	-	-	-
C11H14 Aromatic/Unknown Alkane	ug/Kg	-	-	-	-	-	-	-	-
C11H16 Aromatic/coeluting hydrocarbon	ug/Kg	-	-	-	-	-	-	-	-
C11H24 Alkane A	ug/Kg	-	-	-	-	-	-	-	-
C11H24 Alkane/C10H14 Aromatic	ug/Kg	-	-	-	-	-	-	-	-
C12H16 Aromatic	ug/Kg	-	-	-	-	-	-	-	-
C12H26 Alkane	ug/Kg	-	-	-	-	-	-	-	-
C14H30 Alkane	ug/Kg	-	-	-	-	-	-	-	-
Decahydronaphthalene Isomer A	ug/Kg	-	-	-	-	-	-	-	-
Dimethylnaphthalene A	ug/Kg	-	-	-	-	-	-	-	-
Dimethylnaphthalene B	ug/Kg	-	-	-	-	-	-	-	-
Ethyldimethylbenzene Isomer A	ug/Kg	-	-	-	-	-	-	-	-
Methylnaphthalene isomer A	ug/Kg	-	-	-	-	-	6.4	-	-
Methylnaphthalene Isomer B	ug/Kg	-	-	-	-	-	7.2	-	-
Naphthalene A	ug/Kg	-	-	-	-	-	7.2	-	-
Napthalene/C13H28 Alkane	ug/Kg	-	-	-	-	-	-	-	-

TABLE 6.1

ANALYTICAL RESULTS SU[illegible] OF DETECTED ANALYTES
HISTO[illegible] OILS
LINDEN, NJ

Sample Location:				SB-18	SB-18	SB-18	SB-18	SB-23	SB-23
Sample ID:				93089-6118a	93089-6118a	93089-6118b	93089-6118b	93089-6123	93089-6123
Sample Date:				10/11/96	10/11/96	10/11/96	10/11/96	10/15/96	10/15/96
Analysis Date:				10/11/96	10/24/96	10/11/96	10/23/96	10/15/96	10/25/96
Sample Depth:				(9-11)	(9-11)	(11-13)	(11-13)	(6-8)	(6-8)
Parameters	*Units*	*EPA*	*NJ*						
		a	b						
Propane, 2-methoxy-2-methyl	ug/Kg	-	-	-	57	-	36	-	-
Tetrahydromethylnaphthalene isomer A	ug/Kg	-	-	-	-	-	-	-	-
Trimethylbenzene Isomer A	ug/Kg	-	-	-	-	-	-	-	-
Trimethylbenzene Isomer B	ug/Kg	-	-	-	-	-	-	-	-
Unknown A	ug/Kg	-	-	-	-	-	-	-	-
Unknown B	ug/Kg	-	-	-	-	-	-	-	-
Unknown C	ug/Kg	-	-	-	-	-	17	-	-
Unknown D	ug/Kg	-	-	-	-	-	-	-	-
Unknown Hydrocarbon A	ug/Kg	-	-	-	-	-	-	-	-
Unknown Hydrocarbon B	ug/Kg	-	-	-	-	-	-	-	-
Unknown Hydrocarbon C	ug/Kg	-	-	-	-	-	-	-	-
Total volatile TICS	ug/Kg			0	77.5	0	83	0	0

rument Detection Limit (IDL)
ated level

TABLE 6.2

ANALYTICAL RESULTS SUM[illegible] OF DETECTED ANALYTES
HISTORIC - [illegible]NDWATER
LINDEN, NJ

Sample Location:				BEC-1B	BEC-1B	BEC-1D	BEC-1D	BEC-1D	BEC-1D	BEC-1D	BEC-1S	BEC-1S	BEC-1S	BEC-1S	BEC-1SR	BEC-1SR	BEC-1SR	BEC-2B
Sample ID:				2310	2310	2010	89001-2014	89001-2010	93089-2302A	93089-2302A	2001	89001-2001	93089-2201	93089-2201	93089-2401	93089-2401	93089-2401	2311
Sample Date:				8/9/95	8/9/95	11/8/90	12/12/90	12/15/90	8/10/95	8/10/95	11/8/90	12/12/90	4/20/95	4/20/95	3/12/96	3/12/96	3/12/96	8/8/95
Analysis Date:				8/9/95	8/12/95	11/8/90	12/12/90	12/15/90	8/10/95	8/16/95	11/8/90	12/12/90	4/20/95	5/1/95	3/12/96	3/13/96	3/25/96	8/8/95
Sample Depth:																		
Parameters	**Units**	**EPA a**	**NJ b**															
Metals																		
Chromium	mg/L	0.1	0.1	-	-	-	-	0.001	-	-	-	-	-	-	-	-	-	-
Copper	mg/L	1.3	1	-	-	-	-	0.03	-	-	-	-	-	-	-	-	-	-
Lead	mg/L	0.015	0.01	-	-	-	-	0.11 [illegible]	-	-	-	-	-	0.0198 [illegible]	-	0.0067	-	-
Zinc	mg/L	10.95	5	-	-	-	-	0.11	-	-	-	-	-	-	-	-	-	-
Semi-Volatiles																		
1,2-Dichlorobenzene	ug/L	600	600	-	-	ND (10)	ND (10)	ND (10.0)	-	-	ND (10)	ND (10)	-	-	-	-	-	-
1,3-Dichlorobenzene	ug/L	600	600	-	-	ND (10)	ND (10)	ND (10.0)	-	-	ND (10)	ND (10)	-	-	-	-	-	-
1,4-Dichlorobenzene	ug/L	75	75	-	-	ND (10)	ND (10)	ND (10.0)	-	-	ND (10)	ND (10)	-	-	-	-	-	-
2,2'-oxybis(1-Chloropropane)	ug/L	0.9604	300	-	-	4.6 J [illegible]	ND (10)	ND (10.0)	-	-	ND (10)	ND (10)	-	-	-	-	-	-
2-Methyl naphthalene	ug/L	730	100	-	-	-	-	ND (10.0)	-	-	-	-	-	-	-	-	-	-
Acenaphthene	ug/L	2190	400	-	-	ND (10)	ND (10)	ND (10.0)	-	-	ND (10)	ND (10)	-	-	-	-	-	-
Anthracene	ug/L	10950	2000	-	-	ND (10)	ND (10)	ND (10.0)	-	-	ND (10)	ND (10)	-	-	-	-	-	-
Benzo(b)fluoranthene	ug/L	0.092098	10	-	-	ND (10)	ND (10)	ND (10.0)	-	-	ND (10)	ND (10)	-	-	-	-	-	-
Benzo(k)fluoranthene	ug/L	0.92098	1	-	-	ND (10)	ND (10)	ND (10.0)	-	-	ND (10)	ND (10)	-	-	-	-	-	-
bis(2-Chloroethyl)ether	ug/L	0.06112	10	-	-	ND (10)	4.6 J [illegible]	ND (10.0)	-	-	ND (10)	ND (10)	-	-	-	-	-	-
bis(2-Ethylhexyl)phthalate	ug/L	6	30	-	-	ND (10)	ND (10)	ND (10.0)	-	-	ND (10)	ND (10)	-	-	-	-	-	-
Di-n-butylphthalate	ug/L	3650	900	-	-	ND (10)	ND (10)	ND (10.0)	-	-	ND (10)	ND (10)	-	-	-	-	-	-
Fluoranthene	ug/L	1460	300	-	-	ND (10)	ND (10)	ND (10.0)	-	-	ND (10)	ND (10)	-	-	-	-	-	-
Fluorene	ug/L	1460	300	-	-	ND (10)	ND (10)	ND (10.0)	-	-	ND (10)	ND (10)	-	-	-	-	-	-
N-Nitrosodiphenylamine	ug/L	13.72	20	-	-	ND (10)	ND (10)	ND (10.0)	-	-	ND (10)	ND (10)	-	-	-	-	-	-
Naphthalene	ug/L	300	300	-	-	0.40 J	ND (10)	ND (10.0)	-	-	ND (10)	2.3 J	-	-	-	-	-	-
Phenanthrene	ug/L	1095	100	-	-	ND (10)	ND (10)	ND (10.0)	-	-	ND (10)	ND (10)	-	-	-	-	-	-
Pyrene	ug/L	1095	200	-	-	ND (10)	ND (10)	ND (10.0)	-	-	ND (10)	ND (10)	-	-	-	-	-	-
Total Targeted Compounds	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Semi-Volatile TICS																		
1,2,3,4-Tetrahydro-naphthalene A	ug/L	-	-	-	-	-	-	-	-	-	5	5	-	-	-	-	-	-
1,2,3,4-Tetramethyl-benzene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2,4-Trimethylbenzene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-Ethyl-2-methylbenzene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-Ethyl-4-methylbenzene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1H-Inden-1-one, 2,3-dihydro- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1H-Inden-1-one,2,3-dihydro- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,4,4-Trimethyl-2-pentene A	ug/L	-	-	-	-	-	-	-	-	-	-	6	-	-	-	-	-	-
Benzene, 1,3,5-trimethyl- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene, 1-ethyl-2,3-dimethyl- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene, 1-methyl-3-propyl A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene, ethyl-1,2,4-trimeth A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzo(b)thiophene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Carbazole A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cyclohexanone A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cyclopropane, pentyl- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cyclotetrasiloxane, octamethyl- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dimethyl cyclohexane (isomers) A	ug/L	-	-	-	-	-	-	-	-	-	10	9	-	-	-	-	-	-
Dodecanamide, n,n-bis(2-hydroxyethyl)- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hexanedioic acid, mono(2-eth A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IH-Indene-1-one, 2,3-dihydro- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Indane A	ug/L	-	-	-	-	-	-	-	-	-	-	37	-	-	-	-	-	-
Tetrachloroethene A	ug/L	-	-	-	-	-	5	-	-	-	-	-	-	-	-	-	-	-
Trichloroethene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown A	ug/L	-	-	-	-	-	5	-	-	-	8	-	-	-	-	-	-	-
Unknown B	ug/L	-	-	-	-	-	44	-	-	-	8	-	-	-	-	-	-	-
Unknown C	ug/L	-	-	-	-	-	-	-	-	-	5	8	-	-	-	-	-	-
Unknown D	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Xylene(ortho) A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Semi-Volatile TICS	ug/L			0	0	0	54	0	0	0	36	65	0	0	0	0	0	0
Volatiles																		
1,1,1-Trichloroethane	ug/L	30	30	-	ND (2.0)	ND (5.0)	ND (5.0)	ND (5.0)	-	ND (0.2)	ND (5.0)	ND (5.0)	-	ND (0.2)	-	-	ND (0.2)	-
1,1,2-Trichloroethane	ug/L	3	3	-	ND (4.3)	3.6 J [illegible]	ND (5.0)	ND (5.0)	-	ND (0.4)	ND (5.0)	ND (5.0)	-	ND (0.4)	-	-	ND (0.4)	-
1,1-Dichloroethane	ug/L	50	50	-	ND (3.1)	ND (5.0)	ND (5.0)	ND (5.0)	-	ND (0.3)	ND (5.0)	ND (5.0)	-	ND (0.3)	-	-	ND (0.3)	-
1,1-Dichloroethene	ug/L	2	2	-	ND (5.5)	ND (5.0)	ND (5.0)	ND (5.0)	-	ND (0.6)	ND (5.0)	ND (5.0)	-	ND (0.6)	-	-	ND (0.6)	-
1,2-Dichlorobenzene	ug/L	600	600	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2-Dichloroethane	ug/L	2	2	-	ND (2.2)	30 [illegible]	53 [illegible]	ND (5.0)	-	25 [illegible]	ND (5.0)	ND (5.0)	-	ND (0.2)	-	-	ND (0.2)	-
1,3-Dichlorobenzene	ug/L	600	600	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,4-Dichlorobenzene	ug/L	75	75	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Hexanone	ug/L	-	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Methyl-2-pentanone	ug/L	2920	400	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Acetone	ug/L	3650	700	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene	ug/L	1	1	-	180 [illegible]	ND (5.0)	ND (5.0)	ND (5.0)	-	ND (0.2)	2.8 J [illegible]	2.6 J [illegible]	-	1.8 [illegible]	-	-	ND (0.2)	-
Bromodichloromethane	ug/L	80	1	-	ND (1.9)	ND (5.0)	ND (5.0)	ND (5.0)	-	ND (0.2)	ND (5.0)	ND (5.0)	-	ND (0.2)	-	-	ND (0.2)	-
Bromoform	ug/L	80	4	-	11 [illegible]	ND (5.0)	ND (5.0)	ND (5.0)	-	ND (0.3)	ND (5.0)	ND (5.0)	-	ND (0.3)	-	-	ND (0.3)	-
Carbon disulfide	ug/L	3650	600	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chlorobenzene	ug/L	50	50	-	12	3.4 J	6.5	ND (5.0)	-	4.7	ND (5.0)	ND (5.0)	-	ND (0.1)	-	-	ND (0.1)	-
Chloroform (Trichloromethane)	ug/L	80	6	-	33 [illegible]	3.7 J	2.8 J	ND (5.0)	-	ND (0.2)	ND (5.0)	ND (5.0)	-	ND (0.2)	-	-	ND (0.2)	-

TABLE 6.2

ANALYTICAL RESULTS SUM OF DETECTED ANALYTES
HISTORIC - NDWATER
LINDEN, NJ

Sample Location:				BEC-1B	BEC-1B	BEC-1D	BEC-1D	BEC-1D	BEC-1D	BEC-1D	BEC-1S	BEC-1S	BEC-1S	BEC-1S	BEC-1SR	BEC-1SR	BEC-1SR	BEC-2B
Sample ID:				2310	2310	2010	89001-2014	89001-2010	93089-2302A	93089-2302A	2001	89001-2001	93089-2201	93089-2201	93089-2401	93089-2401	2311	
Sample Date:				8/9/95	8/9/95	11/8/90	12/12/90	12/15/90	8/10/95	8/10/95	11/8/90	12/12/90	4/20/95	4/20/95	3/12/96	3/12/96	3/12/96	8/8/95
Analysis Date:				8/9/95	8/12/95	11/8/90	12/12/90	12/15/90	8/10/95	8/16/95	11/8/90	12/12/90	4/20/95	5/1/95	3/12/96	3/13/96	3/25/96	8/8/95
Sample Depth:																		
Parameters	*Units*	*EPA*	*NJ*															
		a	b															
cis-1,2-Dichloroethene	ug/L	70	70	-	36	-	-	-	-	23	-	-	-	ND (1.0)	-	-	ND (1.0)	-
Cyclobutane, 1,2-diethyl-	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ethylbenzene	ug/L	700	700	-	ND (2.4)	ND (5.0)	ND (5.0)	ND (5.0)	-	ND (0.2)	ND (5.0)	ND (5.0)	-	10	-	-	1.7	-
m&p-Xylene	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Methyl Tert Butyl Ether	ug/L	70	70	-	ND (10)	-	-	-	-	ND (1.0)	-	-	-	-	-	-	ND (1.0)	-
Methylene chloride	ug/L	3	3	-	ND (10)	ND (5.0)	ND (5.0)	ND (5.0)	-	ND (1.0)	ND (5.0)	ND (5.0)	-	ND (1.0)	-	-	ND (1.0)	-
o-Xylene	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Synthetic Organic Compounds (cancer)	ug/L	-	-	-	-	ND (10)	ND (10)	ND (10)	-	-	ND (10)	ND (10)	-	-	-	-	-	-
Synthetic Organic Compounds (non-cancer)	ug/L	-	-	ND (10)	-	ND (10)	ND (10)	ND (10)	ND (1)	-	20	320	10	-	3.3	-	-	ND (2.1)
Tetrachloroethene	ug/L	1	1	-	ND (1.0)	11 ab	14 ab	ND (5.0)	-	8.3 ab	ND (5.0)	ND (5.0)	-	ND (0.1)	-	-	ND (0.1)	-
Toluene	ug/L	1000	1000	-	ND (1.8)	ND (5.0)	ND (5.0)	ND (5.0)	-	ND (0.2)	ND (5.0)	ND (5.0)	-	0.5	-	-	0.5	-
Total Targeted Compounds	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total VOCS	ug/L	-	-	-	-	-	ND	-	-	-	-	ND	-	-	-	-	30.2	-
trans-1,2-Dichloroethene	ug/L	100	100	-	18	36	48	ND (5.0)	-	4.9	ND (5.0)	ND (5.0)	-	ND (0.3)	-	-	ND (0.3)	-
trans-1,3-Dichloropropene	ug/L	-	-	-	ND (3.1)	ND (5.0)	ND (5.0)	ND (5.0)	-	ND (0.3)	ND (5.0)	ND (5.0)	-	ND (0.3)	-	-	ND (0.3)	-
Trichloroethene	ug/L	1	1	-	490 ab	300 ab	430 ab	11.3 ab	-	260 ab	ND (5.0)	ND (5.0)	-	ND (0.4)	-	-	ND (0.4)	-
Vinyl chloride	ug/L	2	5	-	ND (3.9)	ND (10)	ND (10)	ND (10.0)	-	ND (0.4)	ND (10)	ND (10)	-	ND (0.4)	-	-	ND (0.4)	-
Xylene (total)	ug/L	1000	1000	-	ND (10)	6.9	ND (5.0)	ND (5.0)	-	ND (1.0)	ND (5.0)	ND (5.0)	-	14	-	-	28	-
Volatile TICS																		
1,2,3,4-Tetramethyl-benzene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2,3,5-Tetramethylbenzene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2,3-Trimethylbenzene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2,4-Trimethylbenzene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2-Dichlorobenzene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,4-Hexdiene, 2,3-dimethyl- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,4-Methanonaphthalene, 1,4- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,4-Pentadiene, 2,3,4-trimet A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,4-Pentadiene, 2,3,4-trimet B	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-Ethenyl-2-methyl-benzene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-Ethyl-2-methylbenzene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-Ethyl-3-methylbenzene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-Ethyl-4-methylbenzene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-Ethyl-4-methylbenzene B	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-Hexane, 5,5-dimethyl- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-Methylethyl-benzene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-Methylethyl-benzene B	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-Pentene, 3,4-dimethyl- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1H-Inden-1-one, 2,3-dihydro- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1H-Inden-1-one, 2,3-dihydro- B	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1H-Inden-5-ol, 2,3-dihydro- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1H-Indene, 2,3-dihydro-1,2-d A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1H-Indene, 2,3-dihydro-1,6-d A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1H-Indene, 2,3-dihydro-4-met A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1H-Pyrazole, 4,5-dihydro-1,5 A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Methyl naphthalene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Methylbutane A	ug/L	-	-	-	-	-	-	-	-	-	-	20	-	-	-	-	-	-
2-Methylpentane A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,3-dihydro-dimethyl-1H-Indene Isomer A	ug/L																	
3-Hexene, 2,2-dimethyl-, (Z)- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3-Hipten-2-one A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Ethyl-1,2-dimethylbenzene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Acetone A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene, 1,2,4,5-tetramethyl A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene, 1,2-diethyl- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene, 1-ethyl-2,3-dimethyl- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene, 1-ethylpropyl- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene, 1-methyl-3-(1-methylethyl)- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene, 1-methyl-3-(1-methylethyl)- B	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene, 1-methyl-3-propyl A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene, 1-methylpropyl- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene, 2-ethenyl-1,4-dimet A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene, 2-ethly-1,4-dimethy A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzyl Alcohol A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Butane, 1-(1-methylpropoxy)- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Butane, 2-ethoxy- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C6H14 Alkane A	ug/L																	
C8H14 Hydrocarbon A	ug/L																	
C8H16 Cycloalkane A	ug/L																	
C8H16 Cycloalkane B	ug/L																	
C9H10 aromatic A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	12	-	-	-	-
C9H10 Aromatic/C10H18 Aromatic	ug/L																9.2	
C9H18 Cycloalkane A	ug/L																	
C10H12 aromatic A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	3.9	-	-	3.3	-
C10H12 aromatic B	ug/L													6.9				
C10H12 aromatic C	ug/L																	
C10H12 aromatic D	ug/L																	
Cycloheptane, methyl- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cyclohexane A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cyclopentene, 4,4-dimethyl- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cyclopropane, 1-(2-methylbut)- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

TABLE 6.2

ANALYTICAL RESULTS SUM[illegible] OF DETECTED ANALYTES
HISTORIC - [illegible]NDWATER
LINDEN, NJ

Sample Location:				*BEC-1B*	*BEC-1B*	*BEC-1D*	*BEC-1D*	*BEC-1D*	*BEC-1D*	*BEC-1D*	*BEC-1S*	*BEC-1S*	*BEC-1S*	*BEC-1S*	*BEC-1SR*	*BEC-1SR*	*BEC-1SR*	*BEC-2B*
Sample ID:				2310	2310	2010	89001-2014	89001-2010	93089-2302A	93089-2302A	2001	89001-2001	93089-2201	93089-2201	93089-2401	93089-2401	93089-2401	2311
Sample Date:				8/9/95	8/9/95	11/8/90	12/12/90	12/15/90	8/10/95	8/10/95	11/8/90	12/12/90	4/20/95	4/20/95	3/12/96	3/12/96	3/12/96	8/8/95
Analysis Date:				8/9/95	8/12/95	11/8/90	12/12/90	12/15/90	8/10/95	8/16/95	11/8/90	12/12/90	4/20/95	5/1/95	3/12/96	3/13/96	3/25/96	8/8/95
Sample Depth:																		
Parameters	*Units*	*EPA* a	*NJ* b															
Cyclotetrasiloxane, octamethyl- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Diethylbenzene Isomer A	ug/L																	
Diisopropyl ether A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dimethyl cyclohexane (isomers) A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dodecanamide, n,n-bis(2-hydroxyethyl)- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ether A	ug/L	-	-	-	70	-	-	-	-	21	-	-	-	-	-	-	-	-
Ethyl Methyl Benzene B	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ethylcyclobutane A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ethylmethyl benzene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	5.6	-	-	12	-
Ethylmethyl benzene B	ug/L													5.5			9.6	
Hexane A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1H-Indene-1-one, 2,3-dihydro- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Indan, 1-methyl- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Indane A	ug/L	-	-	-	-	-	-	-	-	-	-	92	-	-	-	-	-	-
Naphthalene, 1,2,3,4-tetrahy A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tetrahydrofuran A	ug/L	-	-	-	-	-	15	-	-	-	-	-	-	-	-	-	-	-
Toluene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trichloroethene A	ug/L	-	-	-	-	34	-	-	-	-	-	-	-	-	-	-	-	-
Trimethylbenzene Isomer A	ug/L													7.5			22	
Trimethylbenzene Isomer B	ug/L													3.8			3.2	
Unknown A	ug/L	-	-	-	-	10	-	-	-	-	10	24	-	4.4	-	-	4.7	-
Unknown B	ug/L	-	-	-	-	8	-	-	-	-	-	33	-	3.8	-	-	-	-
Unknown C	ug/L	-	-	-	-	4	-	-	-	-	-	-	-	-	-	-	-	-
Unknown D	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown Aldehyde A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown Aldehyde B	ug/L																	
Unknown Alkane A	ug/L	-	-	-	-	-	-	-	-	-	9.0	-	-	-	-	-	-	-
Unknown Alkane B	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown C10H20 A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown C8H16 A	ug/L	-	-	-	-	-	-	-	-	-	-	89	-	-	-	-	-	-
Unknown Hydrocarbon A	ug/L	-	-	-	-	-	-	-	-	-	-	43	-	-	-	-	-	-
Unknown Hydrocarbon B	ug/L	-	-	-	-	-	-	-	-	-	-	20	-	-	-	-	-	-
Unknown isomer of trimethyl benzene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	3.8	-	-	-	-
Xylene(ortho) A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Volatile TICS	ug/L			0	70	56	15	0	0	21	19	321	0	57.2	0	0	64	0

TABLE 6.2

ANALYTICAL RESULTS SUM[illegible] OF DETECTED ANALYTES
HISTORIC - [illegible]NDWATER
LINDEN, NJ

Sample Location:				BEC-2B	BEC-2D	BEC-2D	BEC-2D	BEC-2D	BEC-2D	BEC-2S	BEC-2S	BEC-2S	BEC-2S	BEC-2S	BEC-2S	BEC-2S
Sample ID:				2311	2011	89001-2015	89001-2011	93089-2302	93089-2302	89001-03-2002	89001-03-2002	89001-03-2002	89001-03-2006	89001-03-2006	89001-2002	89001-2005
Sample Date:				8/8/95	11/8/90	12/12/90	12/15/90	8/9/95	8/9/95	9/1/89	9/1/89	9/1/89	9/1/89	9/1/89	12/15/90	12/15/90
Analysis Date:				8/12/95	11/8/90	12/12/90	12/15/90	8/9/95	8/15/95	9/1/89	9/5/89	9/11/89	9/6/89	9/11/89	12/15/90	12/15/90
Sample Depth:																
Parameters	*Units*	*EPA* a	*NJ* b										*Duplicate*	*Duplicate*		*Duplicate*
Metals																
Chromium	mg/L	0.1	0.1	-	-	-	0.01	-	-	-	-	-	-	-	ND (0.01)	ND (0.01)
Copper	mg/L	1.3	1	-	-	-	0.01	-	-	-	-	-	-	-	ND (0.01)	ND (0.01)
Lead	mg/L	0.015	0.01	-	-	-	0.05 [ab]	-	-	-	-	-	-	-	0.04 [ab]	0.04 [ab]
Zinc	mg/L	10.95	5	-	-	-	ND (0.01)	-	-	-	-	-	-	-	ND (0.01)	ND (0.01)
Semi-Volatiles																
1,2-Dichlorobenzene	ug/L	600	600	-	ND (10)	ND (40)	ND (10.0)	-	-	-	-	ND (10)	-	ND (10.0)	ND (10.0)	ND (10.0)
1,3-Dichlorobenzene	ug/L	600	600	-	ND (10)	ND (40)	ND (10.0)	-	-	-	-	ND (10)	-	ND (10.0)	ND (10.0)	ND (10.0)
1,4-Dichlorobenzene	ug/L	75	75	-	ND (10)	ND (40)	ND (10.0)	-	-	-	-	ND (10)	-	ND (10.0)	ND (10.0)	ND (10.0)
2,2'-oxybis(1-Chloropropane)	ug/L	0.9604	300	-	ND (10)	ND (40)	ND (10.0)	-	-	-	-	ND (10)	-	ND (10.0)	ND (10.0)	ND (10.0)
2-Methyl naphthalene	ug/L	730	100	-	-	-	ND (10.0)	-	-	-	-	-	-	-	ND (10.0)	ND (10.0)
Acenaphthene	ug/L	2190	400	-	ND (10)	ND (40)	ND (10.0)	-	-	-	-	ND (10)	-	ND (10.0)	ND (10.0)	ND (10.0)
Anthracene	ug/L	10950	2000	-	ND (10)	ND (40)	ND (10.0)	-	-	-	-	ND (10)	-	ND (10.0)	ND (10.0)	ND (10.0)
Benzo(b)fluoranthene	ug/L	0.092098	10	-	ND (10)	ND (40)	ND (10.0)	-	-	-	-	ND (10)	-	ND (10.0)	ND (10.0)	ND (10.0)
Benzo(k)fluoranthene	ug/L	0.92098	1	-	ND (10)	ND (40)	ND (10.0)	-	-	-	-	-	-	-	ND (10.0)	ND (10.0)
bis(2-Chloroethyl)ether	ug/L	0.06112	10	-	0.39 J [a]	ND (40)	ND (10.0)	-	-	-	-	ND (10)	-	ND (10.0)	ND (10.0)	ND (10.0)
bis(2-Ethylhexyl)phthalate	ug/L	6	30	-	ND (10)	ND (40)	ND (10.0)	-	-	-	-	ND (10)	-	ND (10.0)	ND (10.0)	ND (10.0)
Di-n-butylphthalate	ug/L	3650	900	-	ND (10)	ND (40)	ND (10.0)	-	-	-	-	7 BJ	-	8 BJ	ND (10.0)	ND (10.0)
Fluoranthene	ug/L	1460	300	-	ND (10)	ND (40)	ND (10.0)	-	-	-	-	ND (10)	-	ND (10.0)	ND (10.0)	ND (10.0)
Fluorene	ug/L	1460	300	-	ND (10)	ND (40)	ND (10.0)	-	-	-	-	ND (10)	-	ND (10.0)	ND (10.0)	ND (10.0)
N-Nitrosodiphenylamine	ug/L	13.72	20	-	ND (10)	ND (40)	ND (10.0)	-	-	-	-	ND (10)	-	ND (10.0)	ND (10.0)	ND (10.0)
Naphthalene	ug/L	300	300	-	ND (10)	ND (40)	ND (10.0)	-	-	-	-	ND (10)	-	ND (10.0)	ND (10.0)	ND (10.0)
Phenanthrene	ug/L	1095	100	-	ND (10)	ND (40)	ND (10.0)	-	-	-	-	ND (10)	-	ND (10.0)	ND (10.0)	ND (10.0)
Pyrene	ug/L	1095	200	-	ND (10)	ND (40)	ND (10.0)	-	-	-	-	ND (10)	-	ND (10.0)	ND (10.0)	ND (10.0)
Total Targeted Compounds	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Semi-Volatile TICS																
1,2,3,4-Tetrahydro-naphthalene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2,3,4-Tetramethyl-benzene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2,4-Trimethylbenzene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-Ethyl-2-methylbenzene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-Ethyl-4-methylbenzene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1H-Inden-1-one, 2,3-dihydro- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1H-Inden-1-one,2,3-dihydro- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,4,4-Trimethyl-2-pentene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene, 1,3,5-trimethyl- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene, 1-ethyl-2,3-dimethyl- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene, 1-methyl-3-propyl A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene, ethyl-1,2,4-trimeth A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzo(b)thiophene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Carbazole A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cyclohexanone A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cyclopropane, pentyl- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cyclotetrasiloxane, octamethyl- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dimethyl cyclohexane (isomers) A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dodecanamide, n,n-bis(2-hydroxyethyl)- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hexanedioic acid, mono(2-eth A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1H-Indene-1-one, 2,3-dihydro- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Indane A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tetrachloroethene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trichloroethene A	ug/L	-	-	-	8	-	-	-	-	-	-	-	-	-	-	-
Unknown A	ug/L	-	-	-	4	16	-	-	-	-	-	-	-	-	-	-
Unknown B	ug/L	-	-	-	33	-	-	-	-	-	-	-	-	-	-	-
Unknown C	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown D	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Xylene(ortho) A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Semi-Volatile TICS	ug/L			0	45	16	0	0	0	0	0	0	0	0	0	0
Volatiles																
1,1,1-Trichloroethane	ug/L	30	30	ND (0.4)	ND (5.0)	ND (5.0)	ND (5.0)	-	ND (0.4)	-	ND (5)	-	ND (5.0)	-	ND (5.0)	ND (5.0)
1,1,2-Trichloroethane	ug/L	3	3	ND (0.9)	ND (5.0)	ND (5.0)	ND (5.0)	-	ND (0.9)	-	ND (5)	-	ND (5.0)	-	ND (5.0)	ND (5.0)
1,1-Dichloroethane	ug/L	50	50	ND (0.6)	ND (5.0)	ND (5.0)	ND (5.0)	-	ND (0.6)	-	ND (5)	-	ND (5.0)	-	ND (5.0)	ND (5.0)
1,1-Dichloroethene	ug/L	2	2	7.3 [ab]	ND (5.0)	ND (5.0)	ND (5.0)	-	ND (1.1)	-	ND (5)	-	ND (5.0)	-	ND (5.0)	ND (5.0)
1,2-Dichlorobenzene	ug/L	600	600	-	-	-	-	-	-	-	ND (5)	-	ND (5.0)	-	-	-
1,2-Dichloroethane	ug/L	2	2	4.8 [ab]	8.6 [ab]	16 [ab]	ND (5.0)	-	22 [ab]	-	ND (5)	-	ND (5.0)	-	ND (5.0)	ND (5.0)
1,3-Dichlorobenzene	ug/L	600	600	-	-	-	-	-	-	-	ND (5)	-	ND (5.0)	-	-	-
1,4-Dichlorobenzene	ug/L	75	75	-	-	-	-	-	-	-	ND (5)	-	ND (5.0)	-	-	-
2-Hexanone	ug/L	-	100	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Methyl-2-pentanone	ug/L	2920	400	-	-	-	-	-	-	-	-	-	-	-	-	-
Acetone	ug/L	3650	700	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene	ug/L	1	1	ND (0.5)	ND (5.0)	ND (5.0)	ND (5.0)	-	ND (0.5)	-	ND (5)	-	ND (5.0)	-	ND (5.0)	ND (5.0)
Bromodichloromethane	ug/L	80	1	ND (0.4)	ND (5.0)	ND (5.0)	ND (5.0)	-	ND (0.4)	-	ND (5)	-	ND (5.0)	-	ND (5.0)	ND (5.0)
Bromoform	ug/L	80	4	ND (0.6)	ND (5.0)	ND (5.0)	ND (5.0)	-	ND (0.6)	-	ND (5)	-	ND (5.0)	-	ND (5.0)	ND (5.0)
Carbon disulfide	ug/L	3650	800	-	-	-	-	-	-	-	-	-	-	-	-	-
Chlorobenzene	ug/L	50	50	8.2	ND (5.0)	2.3 J	ND (5.0)	-	5.0	-	ND (5)	-	ND (5.0)	-	ND (5.0)	ND (5.0)
Chloroform (Trichloromethane)	ug/L	80	6	7.0 [b]	1.4 J	ND (5.0)	ND (5.0)	-	ND (0.4)	-	ND (2)	-	ND (2.0)	-	ND (5.0)	ND (5.0)

TABLE 6.2

ANALYTICAL RESULTS SUM OF DETECTED ANALYTES
HISTORIC - IDWATER
LINDEN, NJ

Sample Location:				BEC-2B	BEC-2D	BEC-2D	BEC-2D	BEC-2D	BEC-2D	BEC-2S	BEC-2S	BEC-2S	BEC-2S	BEC-2S	BEC-2S	BEC-2S	BEC-2S
Sample ID:				2311	2011	89001-2015	89001-2011	93089-2302	93089-2302	89001-03-2002	89001-03-2002	89001-03-2002	89001-03-2006	89001-03-2006	89001-2002	89001-2005
Sample Date:				8/8/95	11/8/90	12/12/90	12/15/90	8/9/95	8/9/95	9/1/89	9/1/89	9/1/89	9/1/89	9/1/89	12/15/90	12/15/90
Analysis Date:				8/12/95	11/8/90	12/12/90	12/15/90	8/9/95	8/15/95	9/1/89	9/5/89	9/11/89	9/6/89	9/11/89	12/15/90	12/15/90
Sample Depth:																
													Duplicate	Duplicate		Duplicate
Parameters	Units	EPA a	NJ b													
cis-1,2-Dichloroethene	ug/L	70	70	39	-	-	-	-	15	-	-	-	-	-	-	-
Cyclobutane, 1,2-diethyl-	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	4 J	-	-
Ethylbenzene	ug/L	700	700	ND (0.5)	ND (5.0)	ND (5.0)	ND (5.0)	-	ND (0.5)	-	ND (5)	-	ND (5.0)	-	ND (5.0)	ND (5.0)
m&p-Xylene	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Methyl Tert Butyl Ether	ug/L	70	70	ND (2.0)	-	-	-	-	ND (2.0)	-	-	-	-	-	-	-
Methylene chloride	ug/L	3	3	ND (2.1)	ND (5.0)	ND (5.0)	ND (5.0)	-	ND (2.1)	-	4 JB ab	-	19 B ab	-	ND (5.0)	ND (5.0)
o-Xylene	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Synthetic Organic Compounds (cancer)	ug/L	-	-	-	ND (10)	ND (40)	ND (10)	-	-	ND (10)	-	-	-	-	ND (10)	-
Synthetic Organic Compounds (non-cancer)	ug/L	-	-	-	ND (10)	ND (40)	ND (10)	ND (2.1)	-	10	-	-	-	-	ND (10)	-
Tetrachloroethene	ug/L	1	1	ND (0.2)	1.4 J ab	2.1 J ab	ND (5.0)	-	3.6 ab	-	ND (5)	-	ND (5.0)	-	ND (5.0)	ND (5.0)
Toluene	ug/L	1000	1000	ND (0.4)	ND (5.0)	ND (5.0)	ND (5.0)	-	ND (0.4)	-	ND (5)	-	ND (5.0)	-	ND (5.0)	ND (5.0)
Total Targeted Compounds	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total VOCS	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
trans-1,2-Dichloroethene	ug/L	100	100	2.2	7.9	12	ND (5.0)	-	6.4	-	ND (5)	-	ND (5.0)	-	ND (5.0)	ND (5.0)
trans-1,3-Dichloropropene	ug/L	-	-	ND (0.6)	ND (5.0)	ND (5.0)	ND (5.0)	-	ND (0.6)	-	-	-	-	-	ND (5.0)	ND (5.0)
Trichloroethene	ug/L	1	1	230 ab	70 ab	95 ab	12.3 ab	-	160 ab	-	ND (5)	-	ND (5.0)	-	ND (5.0)	ND (5.0)
Vinyl chloride	ug/L	2	5	ND (0.8)	ND (10)	ND (10)	ND (10.0)	-	ND (0.8)	-	ND (10)	-	ND (10.0)	-	ND (10.0)	ND (10.0)
Xylene (total)	ug/L	1000	1000	ND (2.0)	ND (5.0)	ND (5.0)	ND (5.0)	-	ND (2.0)	-	ND (5)	-	ND (5.0)	-	ND (5.0)	ND (5.0)
Volatile TICS																
1,2,3,4-Tetramethyl-benzene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2,3,5-Tetramethylbenzene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2,3-Trimethylbenzene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2,4-Trimethylbenzene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2-Dichlorobenzene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,4-Hexadiene, 2,3-dimethyl- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,4-Methanonaphthalene, 1,4- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,4-Pentadiene, 2,3,4-trimet A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,4-Pentadiene, 2,3,4-trimet B	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-Ethenyl-2-methyl-benzene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-Ethyl-2-methylbenzene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-Ethyl-3-methylbenzene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-Ethyl-4-methylbenzene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-Ethyl-4-methylbenzene B	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-Hexane, 5,5-dimethyl- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-Methylethyl-benzene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-Methylethyl-benzene B	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-Pentene, 3,4-dimethyl- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1H-Inden-1-one, 2,3-dihydro- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1H-Inden-1-one, 2,3-dihydro- B	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1H-Inden-5-ol, 2,3-dihydro- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1H-Indene, 2,3-dihydro-1,2-d A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1H-Indene, 2,3-dihydro-1,6-d A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1H-Indene, 2,3-dihydro-4-met A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1H-Pyrazole, 4,5-dihydro-1,5 A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Methyl naphthalene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Methylbutane A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Methylpentane A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,3-dihydro-dimethyl-1H-Indene Isomer A	ug/L															
3-Hexene, 2,2-dimethyl-, (Z)- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3-Hepten-2-one A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Ethyl-1,2-dimethylbenzene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Acetone A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene, 1,2,4,5-tetramethyl A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene, 1,2-diethyl- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene, 1-ethyl-2,3-dimethyl- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene, 1-ethylpropyl- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene, 1-methyl-3-(1-methylethyl)- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene, 1-methyl-3-(1-methylethyl)- B	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene, 1-methyl-3-propyl A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene, 1-methylpropyl- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene, 2-ethenyl-1,4-dimet A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene, 2-ethly-1,4-dimethy A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzyl Alcohol A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	3 J	-	-
Butane, 1-(1-methylpropoxy)- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Butane, 2-ethoxy- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C6H14 Alkane A	ug/L															
C8H14 Hydrocarbon A	ug/L															
C8H16 Cycloalkane A	ug/L															
C8H16 Cycloalkane B	ug/L															
C9H10 aromatic A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C9H10 Aromatic/C10H14 Aromatic	ug/L															
C9H18 Cycloalkane A	ug/L															
C10H12 aromatic A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C10H12 aromatic B	ug/L															
C10H12 aromatic C	ug/L															
C10H12 aromatic D	ug/L															
Cycloheptane, methyl- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cyclohexane A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cyclopentene, 4,4-dimethyl- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cyclopropane, 1-(2-methylbut)- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

TABLE 6.2

ANALYTICAL RESULTS SUM[illegible] OF DETECTED ANALYTES
HISTORIC - [illegible]IDWATER
LINDEN, NJ

Sample Location:				BEC-2B	BEC-2D	BEC-2D	BEC-2D	BEC-2D	BEC-2D	BEC-2S	BEC-2S	BEC-2S	BEC-2S	BEC-2S	BEC-2S	BEC-2S
Sample ID:				2311	2011	89001-2015	89001-2011	93089-2302	93089-2302	89001-03-2002	89001-03-2002	89001-03-2002	89001-03-2006	89001-03-2006	89001-2002	89001-2005
Sample Date:				8/8/95	11/8/90	12/12/90	12/15/90	8/9/95	8/9/95	9/1/89	9/1/89	9/1/89	9/1/89	9/1/89	12/15/90	12/15/90
Analysis Date:				8/12/95	11/8/90	12/12/90	12/15/90	8/9/95	8/15/95	9/1/89	9/5/89	9/11/89	9/6/89	9/11/89	12/15/90	12/15/90
Sample Depth:																
Parameters	*Units*	*EPA*	*NJ*										*Duplicate*	*Duplicate*		*Duplicate*
		a	b													
Cyclotetrasiloxane, octamethyl- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	6 J	-	-
Diethylbenzene Isomer A	ug/L															
Diisopropyl ether A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dimethyl cyclohexane (isomers) A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dodecanamide, n,n-bis(2-hydroxyethyl)- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	14 J	-	-
Ether A	ug/L	-	-	-	-	8.5	-	-	29	-	-	-	-	-	-	-
Ethyl Methyl Benzene B	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ethylcyclobutane A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ethylmethyl benzene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ethylmethyl benzene B	ug/L															
Hexane A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1H-Indene-1-one, 2,3-dihydro- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Indan, 1-methyl- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Indane A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Naphthalene, 1,2,3,4-tetrahy A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tetrahydrofuran A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Toluene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trichloroethene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trimethylbenzene Isomer A	ug/L															
Trimethylbenzene Isomer B	ug/L															
Unknown A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown B	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown C	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown D	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown Aldehyde A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown Aldehyde B	ug/L															
Unknown Alkane A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown Alkane B	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown C10H20 A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown C8H16 A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown Hydrocarbon A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown Hydrocarbon B	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown isomer of trimethyl benzene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Xylene(ortho) A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Volatile TICS	ug/L			0	0	8.5	0	0	29	0	0	0	0	23	0	0

TABLE 6.2

ANALYTICAL RESULTS SU[illegible] OF DETECTED ANALYTES
HISTORIC [illegible] NDWATER
LINDEN, NJ

Sample Location:				BEC-2S	BEC-2S	BEC-2S	BEC-2S	BEC-2S	BEC-2S	BEC-3B	BEC-3B	BEC-3D	BEC-3D	BEC-3D	BEC-3S	BEC-3S
Sample ID:				93089-2100	93089-2202	93089-2202	93089-2402	93089-2402	93089-2402	2312	2312	89001-2016	93089-2303	93089-2303	89001-03-2003	89001-03-2003
Sample Date:				4/20/94	4/20/95	4/20/95	3/12/96	3/12/96	3/12/96	8/8/95	8/8/95	12/12/90	8/10/95	8/10/95	9/1/89	9/1/89
Analysis Date:				4/20/94	4/20/95	5/1/95	3/12/96	3/13/96	3/25/96	8/8/95	8/12/95	12/12/90	8/10/95	8/16/95	9/1/89	9/6/89
Sample Depth:																
Parameters	*Units*	*EPA* a	*NJ* b													
Metals																
Chromium	mg/L	0.1	0.1	-	-	-	-	-	-	-	-	-	-	-	-	-
Copper	mg/L	1.3	1	-	-	-	-	-	-	-	-	-	-	-	-	-
Lead	mg/L	0.015	0.01	0.056 ab	-	0.0268 ab	-	0.0522 ab	-	-	-	-	-	-	-	-
Zinc	mg/L	10.95	5	-	-	-	-	-	-	-	-	-	-	-	-	-
Semi-Volatiles																
1,2-Dichlorobenzene	ug/L	600	600	ND (5)	-	-	-	-	-	-	-	ND (10)	-	-	-	-
1,3-Dichlorobenzene	ug/L	600	600	ND (5)	-	-	-	-	-	-	-	ND (10)	-	-	-	-
1,4-Dichlorobenzene	ug/L	75	75	ND (5)	-	-	-	-	-	-	-	ND (10)	-	-	-	-
2,2'-oxybis(1-Chloropropane)	ug/L	0.9604	300	ND (5)	-	-	-	-	-	-	-	ND (10)	-	-	-	-
2-Methyl naphthalene	ug/L	730	100	ND (5)	-	-	-	-	-	-	-	-	-	-	-	-
Acenaphthene	ug/L	2190	400	ND (5)	-	-	-	-	-	-	-	ND (10)	-	-	-	-
Anthracene	ug/L	10950	2000	ND (5)	-	-	-	-	-	-	-	ND (10)	-	-	-	-
Benzo(b)fluoranthene	ug/L	0.092098	10	ND (5)	-	-	-	-	-	-	-	ND (10)	-	-	-	-
Benzo(k)fluoranthene	ug/L	0.92098	1	ND (5)	-	-	-	-	-	-	-	ND (10)	-	-	-	-
bis(2-Chloroethyl)ether	ug/L	0.06112	10	ND (5)	-	-	-	-	-	-	-	ND (10)	-	-	-	-
bis(2-Ethylhexyl)phthalate	ug/L	6	30	ND (5)	-	-	-	-	-	-	-	ND (10)	-	-	-	-
Di-n-butylphthalate	ug/L	3650	900	ND (5)	-	-	-	-	-	-	-	ND (10)	-	-	-	-
Fluoranthene	ug/L	1460	300	ND (5)	-	-	-	-	-	-	-	0.15 J	-	-	-	-
Fluorene	ug/L	1460	300	ND (5)	-	-	-	-	-	-	-	ND (10)	-	-	-	-
N-Nitrosodiphenylamine	ug/L	13.72	20	ND (5)	-	-	-	-	-	-	-	ND (10)	-	-	-	-
Naphthalene	ug/L	300	300	ND (5)	-	-	-	-	-	-	-	0.44 J	-	-	-	-
Phenanthrene	ug/L	1095	100	ND (5)	-	-	-	-	-	-	-	0.33 J	-	-	-	-
Pyrene	ug/L	1095	200	ND (5)	-	-	-	-	-	-	-	0.35 J	-	-	-	-
Total Targeted Compounds	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Semi-Volatile TICS																
1,2,3,4-Tetrahydro-naphthalene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2,3,4-Tetramethyl-benzene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2,4-Trimethylbenzene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-Ethyl-2-methylbenzene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-Ethyl-4-methylbenzene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1H-Inden-1-one, 2,3-dihydro- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1H-Inden-1-one,2,3-dihydro- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,4,4-Trimethyl-2-pentene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene, 1,3,5-trimethyl- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene, 1-ethyl-2,3-dimethyl- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene, 1-methyl-3-propyl A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene, ethyl-1,2,4-trimeth A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzo(b)thiophene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Carbazole A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cyclohexanone A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cyclopropane, pentyl- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cyclotetrasiloxane, octamethyl- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dimethyl cyclohexane (isomers) A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dodecanamide, n,n-bis(2-hydroxyethyl)- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hexanedioic acid, mono(2-eth A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1H-Indene-1-one, 2,3-dihydro- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Indane A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tetrachloroethene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trichloroethene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown B	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown C	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown D	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Xylene(ortho) A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Semi-Volatile TICS	ug/L			0	0	0	0	0	0	0	0	0	0	0	0	0
Volatiles																
1,1,1-Trichloroethane	ug/L	30	30	ND (5)	-	ND (0.2)	-	-	ND (0.2)	-	ND (0.2)	ND (5.0)	-	ND (0.2)	-	ND (167)
1,1,2-Trichloroethane	ug/L	3	3	ND (3)	-	ND (0.4)	-	-	ND (0.4)	-	ND (0.4)	ND (5.0)	-	ND (0.4)	-	ND (167)
1,1-Dichloroethane	ug/L	50	50	ND (5)	-	ND (0.3)	-	-	ND (0.3)	-	ND (0.3)	ND (5.0)	-	ND (0.3)	-	ND (167)
1,1-Dichloroethene	ug/L	2	2	ND (2)	-	ND (0.6)	-	-	ND (0.6)	-	ND (0.6)	ND (5.0)	-	0.6	-	ND (167)
1,2-Dichlorobenzene	ug/L	600	600	ND (5)	-	-	-	-	-	-	-	-	-	-	-	ND (167)
1,2-Dichloroethane	ug/L	2	2	ND (2)	-	ND (0.2)	-	-	ND (0.2)	-	ND (0.2)	16 ab	-	9.0 ab	-	ND (167)
1,3-Dichlorobenzene	ug/L	600	600	ND (5)	-	-	-	-	-	-	-	-	-	-	-	ND (167)
1,4-Dichlorobenzene	ug/L	75	75	ND (5)	-	-	-	-	-	-	-	-	-	-	-	ND (167)
2-Hexanone	ug/L	-	100	ND (20)	-	-	-	-	-	-	-	-	-	-	-	-
4-Methyl-2-pentanone	ug/L	2920	400	ND (25)	-	-	-	-	-	-	-	-	-	-	-	-
Acetone	ug/L	3650	700	21	-	-	-	-	-	-	-	-	-	-	-	-
Benzene	ug/L	1	1	ND (1)	-	ND (0.2)	-	-	ND (0.2)	-	ND (0.2)	ND (5.0)	-	ND (0.2)	-	380 ab
Bromodichloromethane	ug/L	80	1	-	-	ND (0.2)	-	-	ND (0.2)	-	ND (0.2)	3.9 J b	-	ND (0.2)	-	ND (167)
Bromoform	ug/L	80	4	ND (4)	-	ND (0.3)	-	-	ND (0.3)	-	ND (0.3)	ND (5.0)	-	ND (0.3)	-	ND (167)
Carbon disulfide	ug/L	3650	800	ND (5)	-	-	-	-	-	-	-	-	-	-	-	-
Chlorobenzene	ug/L	50	50	ND (4)	-	ND (0.1)	-	-	ND (0.1)	-	ND (0.1)	ND (5.0)	-	16	-	ND (167)
Chloroform (Trichloromethane)	ug/L	80	6	ND (5)	-	ND (0.2)	-	-	ND (0.2)	-	ND (0.2)	26 b	-	2.5	-	ND (167)

TABLE 6.2

ANALYTICAL RESULTS SUM[illegible] OF DETECTED ANALYTES
HISTORIC - [illegible]NDWATER
LINDEN, NJ

Sample Location:				*BEC-2S*	*BEC-2S*	*BEC-2S*	*BEC-2S*	*BEC-2S*	*BEC-2S*	*BEC-3B*	*BEC-3B*	*BEC-3D*	*BEC-3D*	*BEC-3D*	*BEC-3S*	*BEC-3S*
Sample ID:				*93089-2100*	*93089-2202*	*93089-2202*	*93089-2402*	*93089-2402*	*93089-2402*	*2312*	*2312*	*89001-2016*	*93089-2303*	*93089-2303*	*89001-03-2003*	*89001-03-2003*
Sample Date:				*4/20/94*	*4/20/95*	*4/20/95*	*3/12/96*	*3/12/96*	*3/12/96*	*8/8/95*	*8/8/95*	*12/12/90*	*8/10/95*	*8/10/95*	*9/1/89*	*9/1/89*
Analysis Date:				*4/20/94*	*4/20/95*	*5/1/95*	*3/12/96*	*3/13/96*	*3/25/96*	*8/8/95*	*8/12/95*	*12/12/90*	*8/10/95*	*8/16/95*	*9/1/89*	*9/6/89*
Sample Depth:																
Parameters	*Units*	*EPA*	*NJ*													
		a	b													
cis-1,2-Dichloroethene	ug/L	70	70	-	-	ND (1.0)	-	-	ND (1.0)	-	4.9	-	-	30	-	-
Cyclobutane, 1,2-diethyl-	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ethylbenzene	ug/L	700	700	ND (5)	-	ND (0.2)	-	-	ND (0.2)	-	ND (0.2)	2.5 J	-	ND (0.2)	-	ND (167)
m&p-Xylene	ug/L	-	-	ND (5)	-	-	-	-	-	-	-	-	-	-	-	-
Methyl Tert Butyl Ether	ug/L	70	70	ND (5)	-	-	-	-	ND (1.0)	-	ND (1.0)	-	-	ND (1.0)	-	-
Methylene chloride	ug/L	3	3	ND (2)	-	ND (1.0)	-	-	ND (1.0)	-	ND (1.0)	ND (5.0)	-	ND (1.0)	-	752 B[ab]
o-Xylene	ug/L	-	-	ND (5)	-	-	-	-	-	-	-	-	-	-	-	-
Synthetic Organic Compounds (cancer)	ug/L	-	-	ND (5)	-	-	-	-	-	-	-	ND (10)	-	-	ND (10)	-
Synthetic Organic Compounds (non-cancer)	ug/L	-	-	ND (20)	ND (1)	-	ND (1)	-	-	ND (1)	-	20	ND (1)	-	20470	-
Tetrachloroethene	ug/L	1	1	ND (1)	-	ND (0.1)	-	-	ND (0.1)	-	ND (0.1)	ND (5.0)	-	3.3[ab]	-	ND (167)
Toluene	ug/L	1000	1000	ND (5)	-	ND (0.2)	-	-	ND (0.2)	-	0.4	1.2 J	-	ND (0.2)	-	3000[ab]
Total Targeted Compounds	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total VOCS	ug/L	-	-	21	-	-	-	-	ND	-	-	-	-	-	-	-
trans-1,2-Dichloroethene	ug/L	100	100	ND (5)	-	ND (0.3)	-	-	ND (0.3)	-	ND (0.3)	12	-	7.6	-	ND (167)
trans-1,3-Dichloropropene	ug/L	-	-	ND (5)	-	ND (0.3)	-	-	ND (0.3)	-	ND (0.3)	ND (5.0)	-	ND (0.3)	-	-
Trichloroethene	ug/L	1	1	ND (1)	-	ND (0.4)	-	-	ND (0.4)	-	22[ab]	ND (5.0)	-	100[ab]	-	ND (167)
Vinyl chloride	ug/L	2	5	ND (5)	-	ND (0.4)	-	-	ND (0.4)	-	ND (0.4)	ND (10)	-	1.3	-	ND (333)
Xylene (total)	ug/L	1000	1000	-	-	ND (1.0)	-	-	ND (1.0)	-	ND (1.0)	19	-	ND (1.0)	-	4760[ab]
Volatile TICS																
1,2,3,4-Tetramethyl-benzene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	21 J
1,2,3,5-Tetramethylbenzene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2,3-Trimethylbenzene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3800
1,2,4-Trimethylbenzene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2-Dichlorobenzene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,4-Hexdiene, 2,3-dimethyl- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,4-Methanonaphthalene, 1,4- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,4-Pentadiene, 2,3,4-trimet A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,4-Pentadiene, 2,3,4-trimet B	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-Ethenyl-2-methyl-benzene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-Ethyl-2-methylbenzene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2400
1-Ethyl-3-methylbenzene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-Ethyl-4-methylbenzene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-Ethyl-4-methylbenzene B	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-Hexane, 5,5-dimethyl- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-Methylethyl-benzene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1000
1-Methylethyl-benzene B	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1300
1-Pentene, 3,4-dimethyl- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1H-Inden-1-one, 2,3-dihydro- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1H-Inden-1-one, 2,3-dihydro- B	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1H-Inden-5-ol, 2,3-dihydro- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1H-Indene, 2,3-dihydro-1,2-d A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1H-Indene, 2,3-dihydro-1,6-d A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1100
1H-Indene, 2,3-dihydro-4-met A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1H-Pyrazole, 4,5-dihydro-1,5 A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Methyl naphthalene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Methylbutane A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Methylpentane A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,3-dihydro-dimethyl-1H-Indene Isomer A	ug/L															
3-Hexene, 2,2-dimethyl-, (Z)- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3-Hipten-2-one A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Ethyl-1,2-dimethylbenzene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Acetone A	ug/L	-	-	-	-	-	-	-	-	-	3.6	-	-	-	-	-
Benzene, 1,2,4,5-tetramethyl A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	940
Benzene, 1,2-diethyl- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene, 1-ethyl-2,3-dimethyl- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	820
Benzene, 1-ethylpropyl- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	470
Benzene, 1-methyl-3-(1-methylethyl)- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	990
Benzene, 1-methyl-3-(1-methylethyl)- B	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1200
Benzene, 1-methyl-3-propyl A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	76 J
Benzene, 1-methylpropyl- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1500
Benzene, 2-ethenyl-1,4-dimet A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene, 2-ethly-1,4-dimethy A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	920
Benzyl Alcohol A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Butane, 1-(1-methylpropoxy)- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Butane, 2-ethoxy- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C6H14 Alkane A	ug/L															
C8H14 Hydrocarbon A	ug/L															
C8H16 Cycloalkane A	ug/L															
C8H16 Cycloalkane B	ug/L															
C9H10 aromatic A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C9H10 Aromatic/C10H14 Aromatic	ug/L															
C9H18 Cycloalkane A	ug/L															
C10H12 aromatic A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C10H12 aromatic B	ug/L															
C10H12 aromatic C	ug/L															
C10H12 aromatic D	ug/L															
Cycloheptane, methyl- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cyclohexane A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cyclopentene, 4,4-dimethyl- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cyclopropane, 1-(2-methylbut)- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1100

TABLE 6.2

ANALYTICAL RESULTS SUM[illegible] OF DETECTED ANALYTES
HISTORIC - [illegible]NDWATER
LINDEN, NJ

Sample Location:				*BEC-2S*	*BEC-2S*	*BEC-2S*	*BEC-2S*	*BEC-2S*	*BEC-2S*	*BEC-3B*	*BEC-3B*	*BEC-3D*	*BEC-3D*	*BEC-3D*	*BEC-3S*	*BEC-3S*
Sample ID:				93089-2100	93089-2202	93089-2202	93089-2402	93089-2402	93089-2402	2312	2312	89001-2016	93089-2303	93089-2303	89001-03-2003	89001-03-2003
Sample Date:				4/20/94	4/20/95	4/20/95	3/12/96	3/12/96	3/12/96	8/8/95	8/8/95	12/12/90	8/10/95	8/10/95	9/1/89	9/1/89
Analysis Date:				4/20/94	4/20/95	5/1/95	3/12/96	3/13/96	3/25/96	8/8/95	8/12/95	12/12/90	8/10/95	8/16/95	9/1/89	9/6/89
Sample Depth:																
Parameters	*Units*	*EPA* a	*NJ* b													
Cyclotetrasiloxane, octamethyl- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Diethylbenzene Isomer A	ug/L															
Diisopropyl ether A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dimethyl cyclohexane (isomers) A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dodecanamide, n,n-bis(2-hydroxyethyl)- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ether A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	34	-	-
Ethyl Methyl Benzene B	ug/L	-	-	-	-	-	-	-	-	-	-	3.6	-	-	-	-
Ethylcyclobutane A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ethylmethyl benzene A	ug/L	-	-	-	-	-	-	-	-	-	-	7.9	-	-	-	-
Ethylmethyl benzene B	ug/L															
Hexane A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1H-Indene-1-one, 2,3-dihydro- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Indan, 1-methyl- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1100
Indane A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1200
Naphthalene, 1,2,3,4-tetrahy A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tetrahydrofuran A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Toluene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trichloroethene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trimethylbenzene Isomer A	ug/L															
Trimethylbenzene Isomer B	ug/L															
Unknown A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown B	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown C	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown D	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown Aldehyde A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown Aldehyde B	ug/L															
Unknown Alkane A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown Alkane B	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown C10H20 A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown C8H16 A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown Hydrocarbon A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown Hydrocarbon B	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown isomer of trimethyl benzene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Xylene(ortho) A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Volatile TICS	ug/L			0	0	0	0	0	0	0	3.599999905	11.5	0	34	0	19937

TABLE 6.2

ANALYTICAL RESULTS SUM[illegible] OF DETECTED ANALYTES
HISTORIC - GROUNDWATER
LINDEN, NJ

Sample Location:				*BEC-3S*	*BEC-3S*	*BEC-3S*	*BEC-3S*	*BEC-3S*	*BEC-3S*	*BEC-3S*	*BEC-3S*	*BEC-3S*	*BEC-3S*	*BEC-3S*	*BEC-4B*	*BEC-4B*	*BEC-4D*
Sample ID:				*89001-03-2003*	*2003*	*89001-2003*	*89001-2003*	*93089-2101*	*93089-2103*	*93089-2205*	*93089-2205*	*93089-2403*	*93089-2403*	*93089-2403*	*2313*	*2313*	*89001-2017*
Sample Date:				*9/11/89*	*11/8/90*	*12/12/90*	*12/15/90*	*4/20/94*	*4/20/94*	*4/20/95*	*4/20/95*	*3/12/96*	*3/12/96*	*3/12/96*	*8/8/95*	*8/8/95*	*12/12/90*
Analysis Date:				*9/11/89*	*11/8/90*	*12/12/90*	*12/15/90*	*4/20/94*	*4/20/94*	*4/20/95*	*5/1/95*	*3/12/96*	*3/13/96*	*3/25/96*	*8/8/95*	*8/14/95*	*12/12/90*
Sample Depth:									*Duplicate*								
Parameters	*Units*	*EPA* a	*NJ* b														
Metals																	
Chromium	mg/L	0.1	0.1	-	-	-	ND (0.01)	-	-	-	-	-	-	-	-	-	-
Copper	mg/L	1.3	1	-	-	-	ND (0.01)	-	-	-	-	-	-	-	-	-	-
Lead	mg/L	0.015	0.01	-	-	-	0.04 [ab]	0.054 [ab]	0.056 [ab]	-	0.037 [ab]	-	0.0987 [ab]	-	-	-	-
Zinc	mg/L	10.95	5	-	-	-	ND (0.01)	-	-	-	-	-	-	-	-	-	-
Semi-Volatiles																	
1,2-Dichlorobenzene	ug/L	600	600	ND (10)	ND (15)	ND (10)	ND (10.0)	ND (5)	ND (5)	-	-	-	-	-	-	-	ND (10)
1,3-Dichlorobenzene	ug/L	600	600	ND (10)	ND (15)	ND (10)	ND (10.0)	ND (5)	ND (5)	-	-	-	-	-	-	-	ND (10)
1,4-Dichlorobenzene	ug/L	75	75	ND (10)	ND (15)	ND (10)	ND (10.0)	ND (5)	ND (5)	-	-	-	-	-	-	-	ND (10)
2,2'-oxybis(1-Chloropropane)	ug/L	0.9604	300	ND (10)	ND (15)	ND (10)	ND (10.0)	ND (5)	ND (5)	-	-	-	-	-	-	-	ND (10)
2-Methyl naphthalene	ug/L	730	100	-	-	-	ND (10.0)	ND (5)	ND (5)	-	-	-	-	-	-	-	-
Acenaphthene	ug/L	2190	400	ND (10)	ND (15)	ND (10)	ND (10.0)	ND (5)	ND (5)	-	-	-	-	-	-	-	ND (10)
Anthracene	ug/L	10950	2000	ND (10)	ND (15)	ND (10)	ND (10.0)	ND (5)	ND (5)	-	-	-	-	-	-	-	ND (10)
Benzo(b)fluoranthene	ug/L	0.092098	10	ND (10)	ND (15)	ND (10)	ND (10.0)	ND (5)	ND (5)	-	-	-	-	-	-	-	ND (10)
Benzo(k)fluoranthene	ug/L	0.92098	1	-	ND (15)	ND (10)	ND (10.0)	ND (5)	ND (5)	-	-	-	-	-	-	-	ND (10)
bis(2-Chloroethyl)ether	ug/L	0.06112	10	ND (10)	ND (15)	ND (10)	ND (10.0)	ND (5)	ND (5)	-	-	-	-	-	-	-	ND (10)
bis(2-Ethylhexyl)phthalate	ug/L	6	30	ND (10)	ND (15)	ND (10)	ND (10.0)	ND (5)	ND (5)	-	-	-	-	-	-	-	ND (10)
Di-n-butylphthalate	ug/L	3650	900	ND (10)	ND (15)	ND (10)	ND (10.0)	ND (5)	ND (5)	-	-	-	-	-	-	-	ND (10)
Fluoranthene	ug/L	1460	300	2 J	ND (15)	ND (10)	ND (10.0)	ND (5)	ND (5)	-	-	-	-	-	-	-	0.14 J
Fluorene	ug/L	1460	300	ND (10)	ND (15)	ND (10)	ND (10.0)	ND (5)	ND (5)	-	-	-	-	-	-	-	ND (10)
N-Nitrosodiphenylamine	ug/L	13.72	20	ND (10)	ND (15)	ND (10)	ND (10.0)	ND (5)	ND (5)	-	-	-	-	-	-	-	ND (10)
Naphthalene	ug/L	300	300	120	ND (15)	ND (10)	ND (10.0)	ND (5)	ND (5)	-	-	-	-	-	-	-	ND (10)
Phenanthrene	ug/L	1095	100	2 J	ND (15)	ND (10)	ND (10.0)	ND (5)	ND (5)	-	-	-	-	-	-	-	ND (10)
Pyrene	ug/L	1095	200	2 J	ND (15)	ND (10)	ND (10.0)	ND (5)	ND (5)	-	-	-	-	-	-	-	0.14 J
Total Targeted Compounds	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Semi-Volatile TICS																	
1,2,3,4-Tetrahydro-naphthalene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2,3,4-Tetramethyl-benzene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2,4-Trimethylbenzene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-Ethyl-2-methylbenzene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-Ethyl-4-methylbenzene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1H-Inden-1-one, 2,3-dihydro- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1H-Inden-1-one,2,3-dihydro- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,4,4-Trimethyl-2-pentene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene, 1,3,5-trimethyl- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene, 1-ethyl-2,3-dimethyl- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene, 1-methyl-3-propyl A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene, ethyl-1,2,4-trimeth A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzo(b)thiophene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Carbazole A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cyclohexanone A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cyclopropane, pentyl- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cyclotetrasiloxane, octamethyl- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dimethyl cyclohexane (isomers) A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dodecanamide, n,n-bis(2-hydroxyethyl)- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hexanedioic acid, mono(2-eth A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1H-Indene-1-one, 2,3-dihydro- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Indane A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tetrachloroethene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trichloroethene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown B	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown C	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown D	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Xylene(ortho) A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Semi-Volatile TICS	ug/L			0	0	0	0	0	0	0	0	0	0	0	0	0	0
Volatiles																	
1,1,1-Trichloroethane	ug/L	30	30	-	ND (5.0)	ND (5.0)	ND (5.0)	ND (5)	ND (5)	-	ND (0.2)	-	-	ND (0.2)	-	ND (2.0)	52 [ab]
1,1,2-Trichloroethane	ug/L	3	3	-	ND (5.0)	ND (5.0)	ND (5.0)	ND (3)	ND (3)	-	ND (0.4)	-	-	ND (0.4)	-	ND (4.3)	ND (5.0)
1,1-Dichloroethane	ug/L	50	50	-	ND (5.0)	ND (5.0)	ND (5.0)	ND (5)	ND (5)	-	ND (0.3)	-	-	ND (0.3)	-	ND (3.1)	ND (5.0)
1,1-Dichloroethene	ug/L	2	2	-	ND (5.0)	ND (5.0)	ND (5.0)	ND (2)	ND (2)	-	ND (0.6)	-	-	ND (0.6)	-	ND (5.5)	ND (5.0)
1,2-Dichlorobenzene	ug/L	600	600	-	-	-	-	ND (5)	ND (5)	-	-	-	-	-	-	-	-
1,2-Dichloroethane	ug/L	2	2	-	ND (5.0)	ND (5.0)	ND (5.0)	ND (2)	ND (2)	-	ND (0.2)	-	-	ND (0.2)	-	ND (2.2)	ND (5.0)
1,3-Dichlorobenzene	ug/L	600	600	-	-	-	-	ND (5)	ND (5)	-	-	-	-	-	-	-	-
1,4-Dichlorobenzene	ug/L	75	75	-	-	-	-	ND (5)	ND (5)	-	-	-	-	-	-	-	-
2-Hexanone	ug/L	-	100	-	-	-	-	ND (20)	ND (20)	-	-	-	-	-	-	-	-
4-Methyl-2-pentanone	ug/L	2920	400	-	-	-	-	ND (25)	ND (25)	-	-	-	-	-	-	-	-
Acetone	ug/L	3650	700	-	-	-	-	ND (20)	ND (20)	-	-	-	-	-	-	-	-
Benzene	ug/L	1	1	-	ND (5.0)	ND (5.0)	ND (5.0)	ND (1)	ND (1)	-	ND (0.2)	-	-	ND (0.2)	-	300 [ab]	ND (5.0)
Bromodichloromethane	ug/L	80	1	-	ND (5.0)	ND (5.0)	ND (5.0)	-	-	-	ND (0.2)	-	-	ND (0.2)	-	ND (1.9)	ND (5.0)
Bromoform	ug/L	80	4	-	ND (5.0)	ND (5.0)	ND (5.0)	ND (4)	ND (4)	-	ND (0.3)	-	-	ND (0.3)	-	ND (3.0)	ND (5.0)
Carbon disulfide	ug/L	3650	800	-	-	-	-	ND (5)	ND (5)	-	-	-	-	-	-	-	-
Chlorobenzene	ug/L	50	50	-	ND (5.0)	ND (5.0)	ND (5.0)	ND (4)	ND (4)	-	ND (0.1)	-	-	ND (0.1)	-	350 [ab]	ND (5.0)
Chloroform (Trichloromethane)	ug/L	80	6	-	ND (5.0)	ND (5.0)	ND (5.0)	ND (5)	ND (5)	-	ND (0.2)	-	-	ND (0.2)	-	47 [b]	21 [b]

TABLE 6.2

ANALYTICAL RESULTS SUM[illegible] OF DETECTED ANALYTES
HISTORIC - [illegible]NDWATER
LINDEN, NJ

Sample Location:				*BEC-3S*	*BEC-3S*	*BEC-3S*	*BEC-3S*	*BEC-3S*	*BEC-3S*	*BEC-3S*	*BEC-3S*	*BEC-3S*	*BEC-3S*	*BEC-3S*	*BEC-4B*	*BEC-4B*	*BEC-4D*
Sample ID:				*89001-03-2003*	*2003*	*89001-2003*	*89001-2003*	*93089-2101*	*93089-2103*	*93089-2205*	*93089-2205*	*93089-2403*	*93089-2403*	*93089-2403*	*2313*	*2313*	*89001-2017*
Sample Date:				*9/1/89*	*11/8/90*	*12/12/90*	*12/15/90*	*4/20/94*	*4/20/94*	*4/20/95*	*4/20/95*	*3/12/96*	*3/12/96*	*3/12/96*	*8/8/95*	*8/8/95*	*12/12/90*
Analysis Date:				*9/11/89*	*11/8/90*	*12/12/90*	*12/15/90*	*4/20/94*	*4/20/94*	*4/20/95*	*5/1/95*	*3/12/96*	*3/13/96*	*3/25/96*	*8/8/95*	*8/14/95*	*12/12/90*
Sample Depth:									*Duplicate*								
Parameters	*Units*	*EPA*	*NJ*														
		a	*b*														
cis-1,2-Dichloroethene	ug/L	70	70	-	-	-	-	-	-	-	ND (1.0)	-	-	ND (1.0)	-	140 ab	-
Cyclobutane, 1,2-diethyl-	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ethylbenzene	ug/L	700	700	-	ND (5.0)	ND (5.0)	ND (5.0)	ND (5)	ND (5)	-	ND (0.2)	-	-	ND (0.2)	-	ND (2.4)	ND (5.0)
m&p-Xylene	ug/L	-	-	-	-	-	-	ND (5)	ND (5)	-	-	-	-	-	-	-	-
Methyl Tert Butyl Ether	ug/L	70	70	-	-	-	-	ND (5)	ND (5)	-	-	-	-	ND (1.0)	-	ND (10)	-
Methylene chloride	ug/L	3	3	-	ND (5.0)	ND (5.0)	ND (5.0)	ND (2)	ND (2)	-	ND (1.0)	-	-	ND (1.0)	-	62 ab	ND (5.0)
o-Xylene	ug/L	-	-	-	-	-	-	ND (5)	ND (5)	-	-	-	-	-	-	-	-
Synthetic Organic Compounds (cancer)	ug/L	-	-	-	ND (10)	ND (10)	ND (10)	ND (5)	-	-	-	-	-	-	-	-	ND (10)
Synthetic Organic Compounds (non-cancer)	ug/L	-	-	-	ND (10)	ND (10)	ND (10)	ND (20)	-	5.6	-	ND (1)	-	-	ND (10)	-	30
Tetrachloroethene	ug/L	1	1	-	ND (5.0)	ND (5.0)	ND (5.0)	ND (1)	ND (1)	-	ND (0.1)	-	-	ND (0.1)	-	24 ab	ND (5.0)
Toluene	ug/L	1000	1000	-	ND (5.0)	ND (5.0)	ND (5.0)	ND (5)	ND (5)	-	ND (0.2)	-	-	ND (0.2)	-	ND (1.8)	88
Total Targeted Compounds	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total VOCS	ug/L	-	-	-	-	ND	-	30	ND (28)	-	-	-	-	ND	-	-	-
trans-1,2-Dichloroethene	ug/L	100	100	-	ND (5.0)	ND (5.0)	ND (5.0)	ND (5)	ND (5)	-	ND (0.3)	-	-	ND (0.3)	-	59	ND (5.0)
trans-1,3-Dichloropropene	ug/L	-	-	-	ND (5.0)	ND (5.0)	ND (5.0)	ND (5)	ND (5)	-	ND (0.3)	-	-	ND (0.3)	-	ND (3.1)	ND (5.0)
Trichloroethene	ug/L	1	1	-	ND (5.0)	ND (5.0)	ND (5.0)	30 ab	28 ab	-	ND (0.4)	-	-	ND (0.4)	-	1100 ab	1.4 J ab
Vinyl chloride	ug/L	2	5	-	ND (10)	ND (10)	ND (10.0)	ND (5)	ND (5)	-	ND (0.4)	-	-	ND (0.4)	-	34 ab	ND (10)
Xylene (total)	ug/L	1000	1000	-	ND (5.0)	ND (5.0)	ND (5.0)	-	-	-	ND (1.0)	-	-	ND (1.0)	-	ND (10)	ND (5.0)
Volatile TICS																	
1,2,3,4-Tetramethyl-benzene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2,3,5-Tetramethylbenzene A	ug/L	-	-	12 J	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2,3-Trimethylbenzene A	ug/L	-	-	65 J	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2,4-Trimethylbenzene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2-Dichlorobenzene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	99	-
1,4-Hexdiene, 2,3-dimethyl- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,4-Methanonaphthalene, 1,4- A	ug/L	-	-	14 J	-	-	-	-	-	-	-	-	-	-	-	-	-
1,4-Pentadiene, 2,3,4-trimet A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,4-Pentadiene, 2,3,4-trimet B	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-Ethenyl-2-methyl-benzene A	ug/L	-	-	60 J	-	-	-	-	-	-	-	-	-	-	-	-	-
1-Ethyl-2-methylbenzene A	ug/L	-	-	64 J	-	-	-	-	-	-	-	-	-	-	-	-	-
1-Ethyl-3-methylbenzene A	ug/L	-	-	84 J	-	-	-	-	-	-	-	-	-	-	-	-	-
1-Ethyl-4-methylbenzene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-Ethyl-4-methylbenzene B	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-Hexene, 5,5-dimethyl- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-Methylethyl-benzene A	ug/L	-	-	46 J	-	-	-	-	-	-	-	-	-	-	-	-	-
1-Methylethyl-benzene B	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-Pentene, 3,4-dimethyl- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1H-Inden-1-one, 2,3-dihydro- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1H-Inden-1-one, 2,3-dihydro- B	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1H-Inden-5-ol, 2,3-dihydro- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1H-Indene, 2,3-dihydro-1,2-d A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1H-Indene, 2,3-dihydro-1,6-d A	ug/L	-	-	10 J	-	-	-	-	-	-	-	-	-	-	-	-	-
1H-Indene, 2,3-dihydro-4-met A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1H-Pyrazole, 4,5-dihydro-1,5 A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Methyl naphthalene A	ug/L	-	-	37 J	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Methylbutane A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Methylpentane A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11
2,3-dihydro-dimethyl-1H-Indene Isomer A	ug/L																
3-Hexene, 2,2-dimethyl-, (Z)- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3-Hipten-2-one A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Ethyl-1,2-dimethylbenzene A	ug/L	-	-	10 J	-	-	-	-	-	-	-	-	-	-	-	-	-
Acetone A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene, 1,2,4,5-tetramethyl A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene, 1,2-diethyl- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene, 1-ethyl-2,3-dimethyl- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene, 1-ethylpropyl- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene, 1-methyl-3-(1-methylethyl)- A	ug/L	-	-	86 J	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene, 1-methyl-3-(1-methylethyl)- B	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene, 1-methyl-3-propyl A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene, 1-methylpropyl- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene, 2-ethenyl-1,4-dimet A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene, 2-ethly-1,4-dimethy A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzyl Alcohol A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Butane, 1-(1-methylpropoxy)- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Butane, 2-ethoxy- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C6H14 Alkane A	ug/L																
C8H14 Hydrocarbon A	ug/L																
C8H16 Cycloalkane A	ug/L																
C8H16 Cycloalkane B	ug/L																
C9H10 aromatic A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C9H10 Aromatic/C10H14 Aromatic	ug/L																
C9H18 Cycloalkane A	ug/L																
C10H12 aromatic A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C10H12 aromatic B	ug/L																
C10H12 aromatic C	ug/L																
C10H12 aromatic D	ug/L																
Cycloheptane, methyl- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cyclohexane A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cyclopentene, 4,4-dimethyl- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10
Cyclopropane, 1-(2-methylbut)- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

TABLE 6.2

ANALYTICAL RESULTS SUMMARY OF DETECTED ANALYTES
HISTORIC - GROUNDWATER
LINDEN, NJ

Sample Location:				*BEC-3S*	*BEC-3S*	*BEC-3S*	*BEC-3S*	*BEC-3S*	*BEC-3S*	*BEC-3S*	*BEC-3S*	*BEC-3S*	*BEC-3S*	*BEC-3S*	*BEC-4B*	*BEC-4B*	*BEC-4D*
Sample ID:				*89001-03-2003*	*2003*	*89001-2003*	*89001-2003*	*93089-2101*	*93089-2103*	*93089-2205*	*93089-2205*	*93089-2403*	*93089-2403*	*93089-2403*	*2313*	*2313*	*89001-2017*
Sample Date:				*9/7/89*	*11/8/90*	*12/12/90*	*12/15/90*	*4/20/94*	*4/20/94*	*4/20/95*	*4/20/95*	*3/12/96*	*3/12/96*	*3/12/96*	*8/8/95*	*8/8/95*	*12/12/90*
Analysis Date:				*9/11/89*	*11/8/90*	*12/12/90*	*12/15/90*	*4/20/94*	*4/20/94*	*4/20/95*	*5/1/95*	*3/12/96*	*3/13/96*	*3/25/96*	*8/8/95*	*8/14/95*	*12/12/90*
Sample Depth:																	
									Duplicate								
Parameters	*Units*	*EPA* a	*NJ* b														
Cyclotetrasiloxane, octamethyl- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Diethylbenzene Isomer A	ug/L																
Diisopropyl ether A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	47	-
Dimethyl cyclohexane (isomers) A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dodecanamide, n,n-bis(2-hydroxyethyl)- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ether A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	730	-
Ethyl Methyl Benzene B	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ethylcyclobutane A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	17
Ethylmethyl benzene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ethylmethyl benzene B	ug/L																
Hexane A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	12
1H-Indene-1-one, 2,3-dihydro- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Indan, 1-methyl- A	ug/L	-	-	20 J	-	-	-	-	-	-	-	-	-	-	-	-	-
Indane A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Naphthalene, 1,2,3,4-tetrahy A	ug/L	-	-	10 J	-	-	-	-	-	-	-	-	-	-	-	-	-
Tetrahydrofuran A	ug/L	-	-	-	8.2	-	-	-	-	-	-	-	-	-	-	-	-
Toluene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	13
Trichloroethene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trimethylbenzene Isomer A	ug/L																
Trimethylbenzene Isomer B	ug/L																
Unknown A	ug/L	-	-	14 J	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown B	ug/L	-	-	16 J	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown C	ug/L	-	-	25 J	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown D	ug/L	-	-	12 J	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown Aldehyde A	ug/L	-	-	-	-	-	-	-	-	-	5.6	-	-	-	-	-	-
Unknown Aldehyde B	ug/L										6.0						
Unknown Alkane A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown Alkane B	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown C10H20 A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown C8H16 A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown Hydrocarbon A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown Hydrocarbon B	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown isomer of trimethyl benzene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Xylene(ortho) A	ug/L	-	-	54 J	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Volatile TICS	ug/L			639	8.199999809	0	0	0	0	0	11.6	0	0	0	0	876	63

TABLE 6.2

ANALYTICAL RESULTS SUM[illegible] OF DETECTED ANALYTES
HISTORIC - [illegible]NDWATER
LINDEN, NJ

Sample Location:				*BEC-4D*	*BEC-4D*	*BEC-4S*	*BEC-4S*	*BEC-4S*	*BEC-4S*	*BEC-4S*	*BEC-4S*	*BEC-4S*	*BEC-5D*	*BEC-5D*	*BEC-5S*	*BEC-5S*
Sample ID:				*93089-2304*	*93089-2304*	*89001-03-2004*	*89001-03-2004*	*89001-03-2004*	*2004*	*89001-2004*	*93089-2314*	*93089-2314*	*93089-2305*	*93089-2305*	*89001-03-2005*	*89001-03-2005*
Sample Date:				*8/10/95*	*8/10/95*	*9/1/89*	*9/1/89*	*9/13/89*	*11/8/90*	*12/12/90*	*8/10/95*	*8/16/95*	*8/9/95*	*8/15/95*	*9/1/89*	*9/1/89*
Analysis Date:				*8/10/95*	*8/16/95*	*9/1/89*	*9/5/89*	*9/13/89*	*11/8/90*	*12/12/90*	*8/10/95*	*8/16/95*	*8/9/95*	*8/15/95*	*9/1/89*	*9/6/89*
Sample Depth:																
Parameters	*Units*	*EPA*	*NJ*													
		a	b													
Metals																
Chromium	mg/L	0.1	0.1	-	-	-	-	-	-	-	-	-	-	-	-	-
Copper	mg/L	1.3	1	-	-	-	-	-	-	-	-	-	-	-	-	-
Lead	mg/L	0.015	0.01	-	-	-	-	-	-	-	-	-	-	-	-	-
Zinc	mg/L	10.95	5	-	-	-	-	-	-	-	-	-	-	-	-	-
Semi-Volatiles																
1,2-Dichlorobenzene	ug/L	600	600	-	-	-	-	ND (10.0)	ND (15)	ND (10)	-	-	-	-	-	-
1,3-Dichlorobenzene	ug/L	600	600	-	-	-	-	ND (10.0)	ND (15)	ND (10)	-	-	-	-	-	-
1,4-Dichlorobenzene	ug/L	75	75	-	-	-	-	ND (10.0)	ND (15)	ND (10)	-	-	-	-	-	-
2,2'-oxybis(1-Chloropropane)	ug/L	0.9604	300	-	-	-	-	ND (10.0)	ND (15)	ND (10)	-	-	-	-	-	-
2-Methyl naphthalene	ug/L	730	100	-	-	-	-	-	-	-	-	-	-	-	-	-
Acenaphthene	ug/L	2190	400	-	-	-	-	ND (10.0)	ND (15)	ND (10)	-	-	-	-	-	-
Anthracene	ug/L	10950	2000	-	-	-	-	ND (10.0)	ND (15)	ND (10)	-	-	-	-	-	-
Benzo(b)fluoranthene	ug/L	0.092098	10	-	-	-	-	ND (10.0)	ND (15)	ND (10)	-	-	-	-	-	-
Benzo(k)fluoranthene	ug/L	0.92098	1	-	-	-	-	-	ND (15)	ND (10)	-	-	-	-	-	-
bis(2-Chloroethyl)ether	ug/L	0.06112	10	-	-	-	-	ND (10.0)	ND (15)	ND (10)	-	-	-	-	-	-
bis(2-Ethylhexyl)phthalate	ug/L	6	30	-	-	-	-	ND (10.0)	ND (15)	ND (10)	-	-	-	-	-	-
Di-n-butylphthalate	ug/L	3650	900	-	-	-	-	ND (10.0)	ND (15)	ND (10)	-	-	-	-	-	-
Fluoranthene	ug/L	1460	300	-	-	-	-	ND (10.0)	ND (15)	ND (10)	-	-	-	-	-	-
Fluorene	ug/L	1460	300	-	-	-	-	ND (10.0)	ND (15)	ND (10)	-	-	-	-	-	-
N-Nitrosodiphenylamine	ug/L	13.72	20	-	-	-	-	ND (10.0)	ND (15)	ND (10)	-	-	-	-	-	-
Naphthalene	ug/L	300	300	-	-	-	-	2 J	ND (15)	ND (10)	-	-	-	-	-	-
Phenanthrene	ug/L	1095	100	-	-	-	-	ND (10.0)	ND (15)	ND (10)	-	-	-	-	-	-
Pyrene	ug/L	1095	200	-	-	-	-	ND (10.0)	ND (15)	ND (10)	-	-	-	-	-	-
Total Targeted Compounds	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Semi-Volatile TICS																
1,2,3,4-Tetrahydro-naphthalene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2,3,4-Tetramethyl-benzene A	ug/L	-	-	-	-	-	-	6 J	-	-	-	-	-	-	-	-
1,2,4-Trimethylbenzene A	ug/L	-	-	-	-	-	-	16 J	-	-	-	-	-	-	-	-
1-Ethyl-2-methylbenzene A	ug/L	-	-	-	-	-	-	11 J	-	-	-	-	-	-	-	-
1-Ethyl-4-methylbenzene A	ug/L	-	-	-	-	-	-	12 J	-	-	-	-	-	-	-	-
1H-Inden-1-one, 2,3-dihydro- A	ug/L	-	-	-	-	-	-	5 J	-	-	-	-	-	-	-	-
1H-Inden-1-one,2,3-dihydro- A	ug/L	-	-	-	-	-	-	8 J	-	-	-	-	-	-	-	-
2,4,4-Trimethyl-2-pentene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene, 1,3,5-trimethyl- A	ug/L	-	-	-	-	-	-	13 J	-	-	-	-	-	-	-	-
Benzene, 1-ethyl-2,3-dimethyl- A	ug/L	-	-	-	-	-	-	11 J	-	-	-	-	-	-	-	-
Benzene, 1-methyl-3-propyl A	ug/L	-	-	-	-	-	-	7 J	-	-	-	-	-	-	-	-
Benzene, ethyl-1,2,4-trimeth A	ug/L	-	-	-	-	-	-	6 J	-	-	-	-	-	-	-	-
Benzo(b)thiophene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Carbazole A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cyclohexanone A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cyclopropane, pentyl- A	ug/L	-	-	-	-	-	-	6 J	-	-	-	-	-	-	-	-
Cyclotetrasiloxane, octamethyl- A	ug/L	-	-	-	-	-	-	7 J	-	-	-	-	-	-	-	-
Dimethyl cyclohexane (isomers) A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dodecanamide, n,n-bis(2-hydroxyethyl)- A	ug/L	-	-	-	-	-	-	17 J	-	-	-	-	-	-	-	-
Hexanedioic acid, mono(2-eth A	ug/L	-	-	-	-	-	-	26 J	-	-	-	-	-	-	-	-
1H-Indene-1-one, 2,3-dihydro- A	ug/L	-	-	-	-	-	-	8 J	-	-	-	-	-	-	-	-
Indane A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tetrachloroethene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trichloroethene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown A	ug/L	-	-	-	-	-	-	7 J	-	10	-	-	-	-	-	-
Unknown B	ug/L	-	-	-	-	-	-	9 J	-	-	-	-	-	-	-	-
Unknown C	ug/L	-	-	-	-	-	-	7 J	-	-	-	-	-	-	-	-
Unknown D	ug/L	-	-	-	-	-	-	9 J	-	-	-	-	-	-	-	-
Xylene(ortho) A	ug/L	-	-	-	-	-	-	34 J	-	-	-	-	-	-	-	-
Total Semi-Volatile TICS	ug/L			0	0	0	0	225	0	10	0	0	0	0	0	0
Volatiles																
1,1,1-Trichloroethane	ug/L	30	30	-	8.0	-	9	-	ND (5.0)	ND (5.0)	-	ND (0.2)	-	ND (0.4)	-	ND (5.0)
1,1,2-Trichloroethane	ug/L	3	3	-	ND (0.4)	-	ND (5.0)	-	ND (5.0)	ND (5.0)	-	ND (0.4)	-	ND (0.9)	-	ND (5.0)
1,1-Dichloroethane	ug/L	50	50	-	ND (0.3)	-	ND (5.0)	-	ND (5.0)	ND (5.0)	-	ND (0.3)	-	ND (0.6)	-	ND (5.0)
1,1-Dichloroethene	ug/L	2	2	-	ND (0.6)	-	ND (5.0)	-	ND (5.0)	ND (5.0)	-	ND (0.6)	-	ND (1.1)	-	ND (5.0)
1,2-Dichlorobenzene	ug/L	600	600	-	-	-	ND (5.0)	-	-	-	-	-	-	-	-	ND (5.0)
1,2-Dichloroethane	ug/L	2	2	-	ND (0.2)	-	ND (5.0)	-	ND (5.0)	ND (5.0)	-	ND (0.2)	-	12 [ab]	-	ND (5.0)
1,3-Dichlorobenzene	ug/L	600	600	-	-	-	ND (5.0)	-	-	-	-	-	-	-	-	ND (5.0)
1,4-Dichlorobenzene	ug/L	75	75	-	-	-	433 [ab]	-	-	-	-	-	-	-	-	ND (5.0)
2-Hexanone	ug/L	-	100	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Methyl-2-pentanone	ug/L	2920	400	-	-	-	-	-	-	-	-	-	-	-	-	-
Acetone	ug/L	3650	700	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene	ug/L	1	1	-	ND (0.2)	-	20 [ab]	-	ND (5.0)	ND (5.0)	-	ND (0.2)	-	ND (0.5)	-	11 [ab]
Bromodichloromethane	ug/L	80	1	-	ND (0.2)	-	ND (5.0)	-	ND (5.0)	ND (5.0)	-	ND (0.2)	-	ND (0.4)	-	ND (5.0)
Bromoform	ug/L	80	4	-	ND (0.3)	-	ND (5.0)	-	ND (5.0)	ND (5.0)	-	ND (0.3)	-	ND (0.6)	-	ND (5.0)
Carbon disulfide	ug/L	3650	800	-	-	-	-	-	-	-	-	-	-	-	-	-
Chlorobenzene	ug/L	50	50	-	ND (0.1)	-	ND (5.0)	-	ND (5.0)	ND (5.0)	-	ND (0.1)	-	9.0	-	ND (5.0)
Chloroform (Trichloromethane)	ug/L	80	6	-	1.8	-	ND (2.0)	-	ND (5.0)	1.3 J	-	ND (0.2)	-	3.1	-	ND (2.0)

TABLE 6.2

ANALYTICAL RESULTS SUM[illegible] OF DETECTED ANALYTES
HISTORIC - [illegible]NDWATER
LINDEN, NJ

Sample Location:				BEC-4D	BEC-4D	BEC-4S	BEC-4S	BEC-4S	BEC-4S	BEC-4S	BEC-4S	BEC-4S	BEC-5D	BEC-5D	BEC-5S	BEC-5S
Sample ID:				93089-2304	93089-2304	89001-03-2004	89001-03-2004	89001-03-2004	2004	89001-2004	93089-2314	93089-2314	93089-2305	93089-2305	89001-03-2005	89001-03-2005
Sample Date:				8/10/95	8/10/95	9/1/89	9/1/89	9/1/89	11/8/90	12/12/90	8/10/95	8/10/95	8/9/95	8/9/95	9/1/89	9/1/89
Analysis Date:				8/10/95	8/16/95	9/1/89	9/5/89	9/13/89	11/8/90	12/12/90	8/10/95	8/16/95	8/9/95	8/15/95	9/1/89	9/6/89
Sample Depth:																
Parameters	*Units*	*EPA*	*NJ*													
		a	*b*													
cis-1,2-Dichloroethene	ug/L	70	70	-	ND (1.0)	-	-	-	-	-	-	ND (1.0)	-	18	-	-
Cyclobutane, 1,2-diethyl-	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ethylbenzene	ug/L	700	700	-	ND (0.2)	-	ND (5.0)	-	ND (5.0)	ND (5.0)	-	ND (0.2)	-	ND (0.5)	-	ND (5.0)
m&p-Xylene	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Methyl Tert Butyl Ether	ug/L	70	70	-	ND (1.0)	-	-	-	-	-	-	ND (1.0)	-	ND (2.0)	-	-
Methylene chloride	ug/L	3	3	-	ND (1.0)	-	8 B[illegible]	-	ND (5.0)	ND (5.0)	-	ND (1.0)	-	ND (2.1)	-	ND (4.0)
o-Xylene	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Synthetic Organic Compounds (cancer)	ug/L	-	-	-	-	ND (10)	-	-	ND (10)	ND (10)	-	-	-	-	ND (10)	-
Synthetic Organic Compounds (non-cancer)	ug/L	-	-	ND (1)	-	760	-	-	ND (10)	ND (10)	ND (1)	-	ND (2.1)	-	960	-
Tetrachloroethene	ug/L	1	1	-	0.2	-	ND (5.0)	-	ND (5.0)	ND (5.0)	-	ND (0.1)	-	6.0[illegible]	-	ND (5.0)
Toluene	ug/L	1000	1000	-	ND (0.2)	-	1 J	-	ND (5.0)	ND (5.0)	-	ND (0.2)	-	ND (0.4)	-	2 J
Total Targeted Compounds	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total VOCS	ug/L	-	-	-	-	-	-	-	-	ND	-	-	-	-	-	-
trans-1,2-Dichloroethene	ug/L	100	100	-	ND (0.3)	-	ND (5.0)	-	ND (5.0)	ND (5.0)	-	ND (0.3)	-	5.0	-	ND (5.0)
trans-1,3-Dichloropropene	ug/L	-	-	-	ND (0.3)	-	-	-	ND (5.0)	ND (5.0)	-	ND (0.3)	-	ND (0.6)	-	-
Trichloroethene	ug/L	1	1	-	7.5[illegible]	-	ND (5.0)	-	ND (5.0)	ND (5.0)	-	ND (0.4)	-	120[illegible]	-	ND (5.0)
Vinyl chloride	ug/L	2	5	-	ND (0.4)	-	ND (10.0)	-	ND (10)	ND (10)	-	ND (0.4)	-	ND (0.8)	-	ND (10.0)
Xylene (total)	ug/L	1000	1000	-	ND (1.0)	-	7	-	ND (5.0)	ND (5.0)	-	ND (1.0)	-	ND (2.0)	-	5
Volatile TICS																
1,2,3,4-Tetramethyl-benzene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	20
1,2,3,5-Tetramethylbenzene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2,3-Trimethylbenzene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2,4-Trimethylbenzene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2-Dichlorobenzene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,4-Hexadiene, 2,3-dimethyl- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	46
1,4-Methanonaphthalene, 1,4- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,4-Pentadiene, 2,3,4-trimet A	ug/L	-	-	-	-	-	26	-	-	-	-	-	-	-	-	25
1,4-Pentadiene, 2,3,4-trimet B	ug/L	-	-	-	-	-	42	-	-	-	-	-	-	-	-	-
1-Ethenyl-2-methyl-benzene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-Ethyl-2-methylbenzene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-Ethyl-3-methylbenzene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-Ethyl-4-methylbenzene A	ug/L	-	-	-	-	-	19	-	-	-	-	-	-	-	-	-
1-Ethyl-4-methylbenzene B	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-Hexene, 5,5-dimethyl- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	48
1-Methylethyl-benzene A	ug/L	-	-	-	-	-	22	-	-	-	-	-	-	-	-	-
1-Methylethyl-benzene B	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-Pentene, 3,4-dimethyl- A	ug/L	-	-	-	-	-	44	-	-	-	-	-	-	-	-	-
1H-Inden-1-one, 2,3-dihydro- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1H-Inden-1-one, 2,3-dihydro- B	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1H-Inden-5-ol, 2,3-dihydro- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1H-Indene, 2,3-dihydro-1,2-d A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1H-Indene, 2,3-dihydro-1,6-d A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1H-Indene, 2,3-dihydro-4-met A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1H-Pyrazole, 4,5-dihydro-1,5 A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	28
2-Methyl naphthalene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Methylbutane A	ug/L	-	-	-	-	-	120	-	-	-	-	-	-	-	-	170
2-Methylpentane A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,3-dihydro-dimethyl-1H-Indene Isomer A	ug/L															
3-Hexene, 2,2-dimethyl-, (Z)- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3-Hepten-2-one A	ug/L	-	-	-	-	-	25	-	-	-	-	-	-	-	-	64
4-Ethyl-1,2-dimethylbenzene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Acetone A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene, 1,2,4,5-tetramethyl A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene, 1,2-diethyl- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene, 1-ethyl-2,3-dimethyl- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene, 1-ethylpropyl- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene, 1-methyl-3-(1-methylethyl)- A	ug/L	-	-	-	-	-	17	-	-	-	-	-	-	-	-	34
Benzene, 1-methyl-3-(1-methylethyl)- B	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene, 1-methyl-3-propyl A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene, 1-methylpropyl- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene, 2-ethenyl-1,4-dimet A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	14
Benzene, 2-ethly-1,4-dimethy A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzyl Alcohol A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Butane, 1-(1-methylpropoxy)- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	38
Butane, 2-ethoxy- A	ug/L	-	-	-	-	-	45	-	-	-	-	-	-	-	-	-
C6H14 Alkane A	ug/L															
C8H14 Hydrocarbon A	ug/L															
C8H16 Cycloalkane A	ug/L															
C8H16 Cycloalkane B	ug/L															
C9H10 aromatic A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C9H10 Aromatic/C10H14 Aromatic	ug/L															
C9H18 Cycloalkane A	ug/L															
C10H12 aromatic A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C10H12 aromatic B	ug/L															
C10H12 aromatic C	ug/L															
C10H12 aromatic D	ug/L															
Cycloheptane, methyl- A	ug/L	-	-	-	-	-	16	-	-	-	-	-	-	-	-	45
Cyclohexane A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cyclopentene, 4,4-dimethyl- A	ug/L	-	-	-	-	-	19	-	-	-	-	-	-	-	-	-
Cyclopropane, 1-(2-methylbut)- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

TABLE 6.2

ANALYTICAL RESULTS SUMMARY OF DETECTED ANALYTES
HISTORIC - GROUNDWATER
LINDEN, NJ

Sample Location:				BEC-4D	BEC-4D	BEC-4S	BEC-4S	BEC-4S	BEC-4S	BEC-4S	BEC-4S	BEC-4S	BEC-5D	BEC-5D	BEC-5S	BEC-5S
Sample ID:				93089-2304	93089-2304	89001-03-2004	89001-03-2004	89001-03-2004	2004	89001-2004	93089-2314	93089-2314	93089-2305	93089-2305	89001-03-2005	89001-03-2005
Sample Date:				8/10/95	8/10/95	9/1/89	9/1/89	9/1/89	11/8/90	12/12/90	8/10/95	8/16/95	8/9/95	8/9/95	9/1/89	9/1/89
Analysis Date:				8/10/95	8/16/95	9/1/89	9/5/89	9/13/89	11/8/90	12/12/90	8/10/95	8/16/95	8/9/95	8/15/95	9/1/89	9/6/89
Sample Depth:																
Parameters	*Units*	*EPA* a	*NJ* b													
Cyclotetrasiloxane, octamethyl- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Diethylbenzene Isomer A	ug/L															
Diisopropyl ether A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dimethyl cyclohexane (isomers) A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dodecanamide, n,n-bis(2-hydroxyethyl)- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ether A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	26	-	-
Ethyl Methyl Benzene B	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ethylcyclobutane A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ethylmethyl benzene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ethylmethyl benzene B	ug/L															
Hexane A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1H-Indene-1-one, 2,3-dihydro- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	19
Indan, 1-methyl- A	ug/L	-	-	-	-	-	25	-	-	-	-	-	-	-	-	48
Indane A	ug/L	-	-	-	-	-	48	-	-	-	-	-	-	-	-	75
Naphthalene, 1,2,3,4-tetrahy A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tetrahydrofuran A	ug/L	-	-	-	-	-	-	-	26	-	-	-	-	-	-	-
Toluene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trichloroethene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trimethylbenzene Isomer A	ug/L															
Trimethylbenzene Isomer B	ug/L															
Unknown A	ug/L	-	-	-	-	-	51	-	-	-	-	-	-	-	-	24
Unknown B	ug/L	-	-	-	-	-	72	-	-	-	-	-	-	-	-	-
Unknown C	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown D	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown Aldehyde A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown Aldehyde B	ug/L															
Unknown Alkane A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown Alkane B	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown C10H20 A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown C8H16 A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown Hydrocarbon A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown Hydrocarbon B	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown isomer of trimethyl benzene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Xylene(ortho) A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Volatile TICS	ug/L			0	0	0	591	0	26	0	0	0	0	26	0	698

TABLE 6.2

ANALYTICAL RESULTS SU[illegible] OF DETECTED ANALYTES
HISTORIC [illegible]NDWATER
LINDEN, NJ

Sample Location:				BEC-5S	BEC-5S	BEC-5S	BEC-5S	BEC-5S	BEC-5S	BEC-5S	BEC-5S	BEC-5S	BEC-5S	BEC-5S	BEC-6D	BEC-6D	BEC-6S
Sample ID:				89001-03-2005	2005	89001-2005	93089-2102	93089-2203	93089-2203	93089-2404	93089-2404	93089-2404	93089-2405DUP	93089-2405DUP	2306	2306	2006
Sample Date:				9/1/89	11/8/90	12/12/90	4/20/94	4/20/95	4/20/95	3/12/96	3/12/96	3/12/96	3/12/96	3/12/96	8/9/95	8/9/95	11/8/90
Analysis Date:				9/11/89	11/8/90	12/12/90	4/20/94	4/20/95	5/2/95	3/12/96	3/13/96	3/25/96	3/13/96	3/13/96	8/14/95	8/14/95	11/8/90
Sample Depth:																	
													Duplicate	Duplicate			
Parameters	Units	EPA a	NJ b														
Metals																	
Chromium	mg/L	0.1	0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Copper	mg/L	1.3	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Lead	mg/L	0.015	0.01	-	-	-	0.044 ab	-	0.0527 ab	-	0.0109 b	-	0.0145 b	-	-	-	-
Zinc	mg/L	10.95	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Semi-Volatiles																	
1,2-Dichlorobenzene	ug/L	600	600	ND (10.0)	ND (30)	ND (10)	ND (5)	-	-	-	-	-	-	-	-	-	ND (10)
1,3-Dichlorobenzene	ug/L	600	600	ND (10.0)	ND (30)	ND (10)	ND (5)	-	-	-	-	-	-	-	-	-	ND (10)
1,4-Dichlorobenzene	ug/L	75	75	ND (10.0)	ND (30)	ND (10)	ND (5)	-	-	-	-	-	-	-	-	-	ND (10)
2,2'-oxybis(1-Chloropropane)	ug/L	0.9604	300	ND (10.0)	ND (30)	ND (10)	ND (5)	-	-	-	-	-	-	-	-	-	ND (10)
2-Methyl naphthalene	ug/L	730	100	-	-	-	ND (5)	-	-	-	-	-	-	-	-	-	-
Acenaphthene	ug/L	2190	400	ND (10.0)	ND (30)	ND (10)	ND (5)	-	-	-	-	-	-	-	-	-	ND (10)
Anthracene	ug/L	10950	2000	ND (10.0)	ND (30)	ND (10)	ND (5)	-	-	-	-	-	-	-	-	-	ND (10)
Benzo(b)fluoranthene	ug/L	0.092098	10	ND (10.0)	ND (30)	ND (10)	ND (5)	-	-	-	-	-	-	-	-	-	ND (10)
Benzo(k)fluoranthene	ug/L	0.92098	1	-	ND (30)	ND (10)	ND (5)	-	-	-	-	-	-	-	-	-	ND (10)
bis(2-Chloroethyl)ether	ug/L	0.06112	10	ND (10.0)	ND (30)	ND (10)	ND (5)	-	-	-	-	-	-	-	-	-	ND (10)
bis(2-Ethylhexyl)phthalate	ug/L	6	30	ND (10.0)	ND (30)	4.8 J	ND (5)	-	-	-	-	-	-	-	-	-	ND (10)
Di-n-butylphthalate	ug/L	3650	900	6 BJ	ND (30)	ND (10)	ND (5)	-	-	-	-	-	-	-	-	-	ND (10)
Fluoranthene	ug/L	1460	300	ND (10.0)	ND (30)	ND (10)	ND (5)	-	-	-	-	-	-	-	-	-	ND (10)
Fluorene	ug/L	1460	300	ND (10.0)	ND (30)	ND (10)	ND (5)	-	-	-	-	-	-	-	-	-	ND (10)
N-Nitrosodiphenylamine	ug/L	13.72	20	ND (10.0)	ND (30)	ND (10)	ND (5)	-	-	-	-	-	-	-	-	-	ND (10)
Naphthalene	ug/L	300	300	ND (10.0)	ND (30)	ND (10)	ND (5)	-	-	-	-	-	-	-	-	-	ND (10)
Phenanthrene	ug/L	1095	100	ND (10.0)	ND (30)	ND (10)	ND (5)	-	-	-	-	-	-	-	-	-	ND (10)
Pyrene	ug/L	1095	200	ND (10.0)	ND (30)	ND (10)	ND (5)	-	-	-	-	-	-	-	-	-	ND (10)
Total Targeted Compounds	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Semi-Volatile TICS																	
1,2,3,4-Tetrahydro-naphthalene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2,3,4-Tetramethyl-benzene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2,4-Trimethylbenzene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-Ethyl-2-methylbenzene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-Ethyl-4-methylbenzene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1H-Inden-1-one, 2,3-dihydro- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1H-Inden-1-one,2,3-dihydro- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,4,4-Trimethyl-2-pentene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene, 1,3,5-trimethyl- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene, 1-ethyl-2,3-dimethyl- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene, 1-methyl-3-propyl A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene, ethyl-1,2,4-trimeth A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzo(b)thiophene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Carbazole A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cyclohexanone A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cyclopropane, pentyl- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cyclotetrasiloxane, octamethyl- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dimethyl cyclohexane (isomers) A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dodecanamide, n,n-bis(2-hydroxyethyl)- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hexanedioic acid, mono(2-eth A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1H-Indene-1-one, 2,3-dihydro- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Indane A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tetrachloroethene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trichloroethene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown A	ug/L	-	-	-	-	5	-	-	-	-	-	-	-	-	-	-	-
Unknown B	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown C	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown D	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Xylene(ortho) A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Semi-Volatile TICS	ug/L			0	0	5	0	0	0	0	0	0	0	0	0	0	0
Volatiles																	
1,1,1-Trichloroethane	ug/L	30	30	-	ND (5.0)	ND (5.0)	ND (5)	-	ND (0.2)	-	-	ND (0.2)	-	ND (0.2)	-	ND (0.2)	ND (5.0)
1,1,2-Trichloroethane	ug/L	3	3	-	ND (5.0)	ND (5.0)	ND (3)	-	ND (0.4)	-	-	ND (0.4)	-	ND (0.4)	-	ND (0.4)	ND (5.0)
1,1-Dichloroethane	ug/L	50	50	-	ND (5.0)	ND (5.0)	ND (5)	-	ND (0.3)	-	-	ND (0.3)	-	ND (0.3)	-	ND (0.3)	ND (5.0)
1,1-Dichloroethene	ug/L	2	2	-	ND (5.0)	ND (5.0)	ND (2)	-	ND (0.6)	-	-	ND (0.6)	-	ND (0.6)	-	ND (0.6)	ND (5.0)
1,2-Dichlorobenzene	ug/L	600	600	-	-	-	ND (5)	-	-	-	-	-	-	-	-	-	-
1,2-Dichloroethane	ug/L	2	2	-	ND (5.0)	ND (5.0)	ND (2)	-	ND (0.2)	-	-	ND (0.2)	-	ND (0.2)	-	1.2	ND (5.0)
1,3-Dichlorobenzene	ug/L	600	600	-	-	-	1 J	-	-	-	-	-	-	-	-	-	-
1,4-Dichlorobenzene	ug/L	75	75	-	-	-	ND (5)	-	-	-	-	-	-	-	-	-	-
2-Hexanone	ug/L	-	100	-	-	-	ND (20)	-	-	-	-	-	-	-	-	-	-
4-Methyl-2-pentanone	ug/L	2920	400	-	-	-	ND (25)	-	-	-	-	-	-	-	-	-	-
Acetone	ug/L	3650	700	-	-	-	9 J	-	-	-	-	-	-	-	-	-	-
Benzene	ug/L	1	1	-	ND (5.0)	ND (5.0)	ND (1)	-	ND (0.2)	-	-	ND (0.2)	-	ND (0.2)	-	ND (0.2)	ND (5.0)
Bromodichloromethane	ug/L	80	1	-	ND (5.0)	ND (5.0)	-	-	ND (0.2)	-	-	ND (0.2)	-	ND (0.2)	-	ND (0.2)	ND (5.0)
Bromoform	ug/L	80	4	-	ND (5.0)	ND (5.0)	ND (4)	-	ND (0.3)	-	-	ND (0.3)	-	ND (0.3)	-	ND (0.3)	ND (5.0)
Carbon disulfide	ug/L	3650	800	-	-	-	ND (5)	-	-	-	-	-	-	-	-	-	-
Chlorobenzene	ug/L	50	50	-	ND (5.0)	ND (5.0)	ND (4)	-	ND (0.1)	-	-	ND (0.1)	-	ND (0.1)	-	1.7	ND (5.0)
Chloroform (Trichloromethane)	ug/L	80	6	-	ND (5.0)	ND (5.0)	ND (5)	-	ND (0.2)	-	-	ND (0.2)	-	ND (0.2)	-	ND (0.2)	ND (5.0)

TABLE 6.2

ANALYTICAL RESULTS SUM[illegible] OF DETECTED ANALYTES
HISTORIC - [illegible]NDWATER
LINDEN, NJ

Sample Location:				*BEC-5S*	*BEC-5S*	*BEC-5S*	*BEC-5S*	*BEC-5S*	*BEC-5S*	*BEC-5S*	*BEC-5S*	*BEC-5S*	*BEC-5S*	*BEC-5S*	*BEC-6D*	*BEC-6D*	*BEC-6S*
Sample ID:				*89001-03-2005*	*2005*	*89001-2005*	*93089-2102*	*93089-2203*	*93089-2203*	*93089-2404*	*93089-2404*	*93089-2404*	*93089-2405DUP*	*93089-2405DUP*	*2306*	*2306*	*2006*
Sample Date:				*9/1/89*	*11/8/90*	*12/12/90*	*4/20/94*	*4/20/95*	*4/20/95*	*3/12/96*	*3/12/96*	*3/12/96*	*3/12/96*	*3/12/96*	*8/9/95*	*8/9/95*	*11/8/90*
Analysis Date:				*9/11/89*	*11/8/90*	*12/12/90*	*4/20/94*	*4/20/95*	*5/2/95*	*3/12/96*	*3/13/96*	*3/25/96*	*3/13/96*	*3/25/96*	*8/9/95*	*8/14/95*	*11/8/90*
Sample Depth:																	
													Duplicate	*Duplicate*			
Parameters	*Units*	*EPA*	*NJ*														
		a	b														
cis-1,2-Dichloroethene	ug/L	70	70	-	-	-	-	-	ND (1.0)	-	-	ND (1.0)	-	ND (1.0)	-	2.8	-
Cyclobutane, 1,2-diethyl-	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ethylbenzene	ug/L	700	700	-	ND (5.0)	ND (5.0)	ND (5)	-	ND (0.2)	-	-	0.4	-	0.4	-	ND (0.2)	ND (5.0)
m&p-Xylene	ug/L	-	-	-	-	-	ND (5)	-	-	-	-	-	-	-	-	-	-
Methyl Tert Butyl Ether	ug/L	70	70	-	-	-	ND (5)	-	-	-	-	ND (1.0)	-	ND (1.0)	-	ND (1.0)	-
Methylene chloride	ug/L	3	3	-	ND (5.0)	ND (5.0)	ND (2)	-	ND (1.0)	-	-	ND (1.0)	-	ND (1.0)	-	ND (1.0)	ND (5.0)
o-Xylene	ug/L	-	-	-	-	-	ND (5)	-	-	-	-	-	-	-	-	-	-
Synthetic Organic Compounds (cancer)	ug/L	-	-	-	ND (30)	ND (10)	ND (5)	-	-	-	-	-	-	-	-	-	ND (10)
Synthetic Organic Compounds (non-cancer)	ug/L	-	-	-	ND (30)	ND (10)	ND (20)	40	-	ND (1)	-	-	-	-	ND (1)	-	ND (10)
Tetrachloroethene	ug/L	1	1	-	ND (5.0)	ND (5.0)	ND (1)	-	ND (0.1)	-	-	ND (0.1)	-	ND (0.1)	-	0.7	ND (5.0)
Toluene	ug/L	1000	1000	-	ND (5.0)	ND (5.0)	ND (5)	-	ND (0.2)	-	-	ND (0.2)	-	ND (0.2)	-	ND (0.2)	ND (5.0)
Total Targeted Compounds	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total VOCS	ug/L	-	-	-	-	ND	10	-	-	-	-	0.4	-	0.4	-	-	-
trans-1,2-Dichloroethene	ug/L	100	100	-	ND (5.0)	ND (5.0)	ND (5)	-	ND (0.3)	-	-	ND (0.3)	-	ND (0.3)	-	0.7	ND (5.0)
trans-1,3-Dichloropropene	ug/L	-	-	-	ND (5.0)	ND (5.0)	ND (5)	-	ND (0.3)	-	-	ND (0.3)	-	ND (0.3)	-	ND (0.3)	ND (5.0)
Trichloroethene	ug/L	1	1	-	ND (5.0)	ND (5.0)	ND (1)	-	ND (0.4)	-	-	ND (0.4)	-	ND (0.4)	-	12 *	ND (5.0)
Vinyl chloride	ug/L	2	5	-	ND (10)	ND (10)	ND (5)	-	ND (0.4)	-	-	ND (0.4)	-	ND (0.4)	-	ND (0.4)	ND (10)
Xylene (total)	ug/L	1000	1000	-	ND (5.0)	ND (5.0)	-	-	ND (1.0)	-	-	ND (1.0)	-	ND (1.0)	-	ND (1.0)	ND (5.0)
Volatile TICS																	
1,2,3,4-Tetramethyl-benzene A	ug/L	-	-	7 J	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2,3,5-Tetramethylbenzene A	ug/L	-	-	9 J	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2,3-Trimethylbenzene A	ug/L	-	-	7 J	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2,4-Trimethylbenzene A	ug/L	-	-	7 J	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2-Dichlorobenzene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,4-Hexadiene, 2,3-dimethyl- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,4-Methanonaphthalene, 1,4- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,4-Pentadiene, 2,3,4-trimet A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,4-Pentadiene, 2,3,4-trimet B	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-Ethenyl-2-methyl-benzene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-Ethyl-2-methylbenzene A	ug/L	-	-	13 J	-	-	-	-	-	-	-	-	-	-	-	-	-
1-Ethyl-3-methylbenzene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-Ethyl-4-methylbenzene A	ug/L	-	-	12 J	-	-	-	-	-	-	-	-	-	-	-	-	-
1-Ethyl-4-methylbenzene B	ug/L	-	-	6 J	-	-	-	-	-	-	-	-	-	-	-	-	-
1-Hexane, 5,5-dimethyl- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-Methylethyl-benzene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-Methylethyl-benzene B	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-Pentene, 3,4-dimethyl- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1H-Inden-1-one, 2,3-dihydro- A	ug/L	-	-	20 J	-	-	-	-	-	-	-	-	-	-	-	-	-
1H-Inden-1-one, 2,3-dihydro- B	ug/L	-	-	6 J	-	-	-	-	-	-	-	-	-	-	-	-	-
1H-Inden-5-ol, 2,3-dihydro- A	ug/L	-	-	9 J	-	-	-	-	-	-	-	-	-	-	-	-	-
1H-Indene, 2,3-dihydro-1,2-d A	ug/L	-	-	12 J	-	-	-	-	-	-	-	-	-	-	-	-	-
1H-Indene, 2,3-dihydro-1,6-d A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1H-Indene, 2,3-dihydro-4-met A	ug/L	-	-	13 J	-	-	-	-	-	-	-	-	-	-	-	-	-
1H-Pyrazole, 4,5-dihydro-1,5 A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Methyl naphthalene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Methylbutane A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Methylpentane A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,3-dihydro-dimethyl-1H-Indene Isomer A	ug/L								7.6			3.8					
3-Hexene, 2,2-dimethyl-, (Z)- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3-Hepten-2-one A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Ethyl-1,2-dimethylbenzene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Acetone A	ug/L	-	-	-	-	-	-	-	13	-	-	-	-	-	-	-	-
Benzene, 1,2,4,5-tetramethyl A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene, 1,2-diethyl- A	ug/L	-	-	10 J	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene, 1-ethyl-2,3-dimethyl- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene, 1-ethylpropyl- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene, 1-methyl-3-(1-methylethyl)- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene, 1-methyl-3-(1-methylethyl)- B	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene, 1-methyl-3-propyl A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene, 1-methylpropyl- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene, 2-ethenyl-1,4-dimet A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene, 2-ethly-1,4-dimethy A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzyl Alcohol A	ug/L	-	-	7 J	-	-	-	-	-	-	-	-	-	-	-	-	-
Butane, 1-(1-methylpropoxy)- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Butane, 2-ethoxy- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C6H14 Alkane A	ug/L													4.2			
C8H14 Hydrocarbon A	ug/L								7.5								
C8H16 Cycloalkane A	ug/L								8.2								
C8H16 Cycloalkane B	ug/L								9.9								
C9H10 aromatic A	ug/L	-	-	-	-	-	-	-	9.2	-	-	9.6	-	8.0	-	-	-
C9H10 Aromatic/C10H14 Aromatic	ug/L																
C9H18 Cycloalkane A	ug/L								10								
C10H12 aromatic A	ug/L	-	-	-	-	-	-	-	17	-	-	3.5	-	3.4	-	-	-
C10H12 aromatic B	ug/L											5.7		6.3			
C10H12 aromatic C	ug/L											3.3					
C10H12 aromatic D	ug/L											9.5					
Cycloheptane, methyl- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cyclohexane A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cyclopentene, 4,4-dimethyl- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cyclopropane, 1-(2-methylbut)- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

TABLE 6.2

ANALYTICAL RESULTS SUM[illegible] OF DETECTED ANALYTES
HISTORIC - [illegible]NDWATER
LINDEN, NJ

Sample Location:				*BEC-5S*	*BEC-5S*	*BEC-5S*	*BEC-5S*	*BEC-5S*	*BEC-5S*	*BEC-5S*	*BEC-5S*	*BEC-5S*	*BEC-5S*	*BEC-5S*	*BEC-6D*	*BEC-6D*	*BEC-6S*
Sample ID:				*89001-03-2005*	*2005*	*89001-2005*	*93089-2102*	*93089-2203*	*93089-2203*	*93089-2404*	*93089-2404*	*93089-2404*	*93089-2405DUP*	*93089-2405DUP*	*2306*	*2306*	*2006*
Sample Date:				*9/1/89*	*11/8/90*	*12/12/90*	*4/20/94*	*4/20/95*	*4/20/95*	*3/12/96*	*3/12/96*	*3/12/96*	*3/12/96*	*3/12/96*	*8/9/95*	*8/9/95*	*11/8/90*
Analysis Date:				*9/11/89*	*11/8/90*	*12/12/90*	*4/20/94*	*4/20/95*	*5/2/95*	*3/12/96*	*3/13/96*	*3/25/96*	*3/13/96*	*3/25/96*	*8/9/95*	*8/14/95*	*11/8/90*
Sample Depth:													*Duplicate*	*Duplicate*			
Parameters	*Units*	*EPA*	*NJ*														
		a	b														
Cyclotetrasiloxane, octamethyl- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Diethylbenzene Isomer A	ug/L											3.2					
Diisopropyl ether A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dimethyl cyclohexane (isomers) A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dodecanamide, n,n-bis(2-hydroxyethyl)- A	ug/L	-	-	16 J	-	-	-	-	-	-	-	-	-	-	-	-	-
Ether A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ethyl Methyl Benzene B	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4.0	-
Ethylcyclobutane A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ethylmethyl benzene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ethylmethyl benzene B	ug/L																
Hexane A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1H-Indene-1-one, 2,3-dihydro- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Indan, 1-methyl- A	ug/L	-	-	33 J	-	-	-	-	-	-	-	-	-	-	-	-	-
Indane A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Naphthalene, 1,2,3,4-tetrahy A	ug/L	-	-	7 J	-	-	-	-	-	-	-	-	-	-	-	-	-
Tetrahydrofuran A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9.7
Toluene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trichloroethene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trimethylbenzene Isomer A	ug/L																
Trimethylbenzene Isomer B	ug/L																
Unknown A	ug/L	-	-	10 J	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown B	ug/L	-	-	6 J	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown C	ug/L	-	-	5 J	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown D	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown Aldehyde A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown Aldehyde B	ug/L																
Unknown Alkane A	ug/L	-	-	-	-	-	-	-	10	-	-	-	-	-	-	-	-
Unknown Alkane B	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown C10H20 A	ug/L	-	-	-	-	-	-	-	8.6	-	-	-	-	-	-	-	-
Unknown C8H16 A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown Hydrocarbon A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown Hydrocarbon B	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown isomer of trimethyl benzene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Xylene(ortho) A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Volatile TICS	ug/L			215	0	0	0	0	101	0	0	38.6	0	21.9	0	4	9.7

TABLE 6.2

ANALYTICAL RESULTS SUM[illegible] OF DETECTED ANALYTES
HISTORIC - GROUNDWATER
LINDEN, NJ

Sample Location:				*BEC-6S*	*BEC-6S*	*BEC-7D*	*BEC-7D*	*BEC-7S*	*BEC-7S*	*BEC-7S*	*BEC-7S*	*BEC-7S*	*BEC-8D*	*BEC-8D*	*BEC-8S*	*BEC-8S*	*BEC-8S*	*BEC-8S*
Sample ID:				*89001-2006*	*89001-2006*	*2307*	*2307*	*2007*	*89001-2007*	*89001-2007*	*93089-2315*	*93089-2315*	*2308*	*2308*	*2008*	*89001-2008*	*89001-2008*	*93089-2316*
Sample Date:				*12/12/90*	*12/15/90*	*8/8/95*	*8/8/95*	*11/8/90*	*12/12/90*	*12/15/90*	*8/9/95*	*8/9/95*	*8/8/95*	*8/8/95*	*11/8/90*	*12/12/90*	*12/15/90*	*8/10/95*
Analysis Date:				*12/12/90*	*12/15/90*	*8/8/95*	*8/11/95*	*11/8/90*	*12/12/90*	*12/15/90*	*8/9/95*	*8/15/95*	*8/8/95*	*8/12/95*	*11/8/90*	*12/12/90*	*12/15/90*	*8/10/95*
Sample Depth:																		
Parameters	*Units*	*EPA* a	*NJ* b															
Metals																		
Chromium	mg/L	0.1	0.1	-	ND (0.01)	-	-	-	-	0.01	-	-	-	-	-	-	ND (0.01)	-
Copper	mg/L	1.3	1	-	ND (0.01)	-	-	-	-	ND (0.01)	-	-	-	-	-	-	ND (0.01)	-
Lead	mg/L	0.015	0.01	-	0.04 ab	-	-	-	-	0.06 ab	-	-	-	-	-	-	0.05 ab	-
Zinc	mg/L	10.95	5	-	ND (0.01)	-	-	-	-	0.02	-	-	-	-	-	-	0.01	-
Semi-Volatiles																		
1,2-Dichlorobenzene	ug/L	600	600	ND (10)	ND (10.0)	-	-	ND (10)	ND (10)	ND (10.0)	-	-	-	-	ND (10)	ND (10)	ND (10.0)	-
1,3-Dichlorobenzene	ug/L	600	600	ND (10)	ND (10.0)	-	-	ND (10)	ND (10)	ND (10.0)	-	-	-	-	ND (10)	ND (10)	ND (10.0)	-
1,4-Dichlorobenzene	ug/L	75	75	ND (10)	ND (10.0)	-	-	ND (10)	ND (10)	ND (10.0)	-	-	-	-	ND (10)	ND (10)	ND (10.0)	-
2,2-oxybis(1-Chloropropane)	ug/L	0.9604	300	ND (10)	ND (10.0)	-	-	ND (10)	ND (10)	ND (10.0)	-	-	-	-	ND (10)	ND (10)	ND (10.0)	-
2-Methyl naphthalene	ug/L	730	100	-	ND (10.0)	-	-	-	-	ND (10.0)	-	-	-	-	-	-	ND (10.0)	-
Acenaphthene	ug/L	2190	400	ND (10)	ND (10.0)	-	-	ND (10)	ND (10)	ND (10.0)	-	-	-	-	ND (10)	ND (10)	ND (10.0)	-
Anthracene	ug/L	10950	2000	ND (10)	ND (10.0)	-	-	ND (10)	ND (10)	ND (10.0)	-	-	-	-	ND (10)	ND (10)	ND (10.0)	-
Benzo(b)fluoranthene	ug/L	0.092098	10	ND (10)	ND (10.0)	-	-	ND (10)	ND (10)	ND (10.0)	-	-	-	-	ND (10)	ND (10)	ND (10.0)	-
Benzo(k)fluoranthene	ug/L	0.92098	1	ND (10)	ND (10.0)	-	-	ND (10)	ND (10)	ND (10.0)	-	-	-	-	ND (10)	ND (10)	ND (10.0)	-
bis(2-Chloroethyl)ether	ug/L	0.06112	10	ND (10)	ND (10.0)	-	-	ND (10)	ND (10)	ND (10.0)	-	-	-	-	ND (10)	ND (10)	ND (10.0)	-
bis(2-Ethylhexyl)phthalate	ug/L	6	30	ND (10)	ND (10.0)	-	-	ND (10)	ND (10)	ND (10.0)	-	-	-	-	ND (10)	ND (10)	ND (10.0)	-
Di-n-butylphthalate	ug/L	3650	900	ND (10)	ND (10.0)	-	-	ND (10)	ND (10)	ND (10.0)	-	-	-	-	ND (10)	ND (10)	ND (10.0)	-
Fluoranthene	ug/L	1460	300	ND (10)	ND (10.0)	-	-	ND (10)	ND (10)	ND (10.0)	-	-	-	-	ND (10)	ND (10)	ND (10.0)	-
Fluorene	ug/L	1460	300	ND (10)	ND (10.0)	-	-	ND (10)	ND (10)	ND (10.0)	-	-	-	-	ND (10)	ND (10)	ND (10.0)	-
N-Nitrosodiphenylamine	ug/L	13.72	20	ND (10)	ND (10.0)	-	-	ND (10)	ND (10)	ND (10.0)	-	-	-	-	ND (10)	ND (10)	ND (10.0)	-
Naphthalene	ug/L	300	300	ND (10)	ND (10.0)	-	-	ND (10)	ND (10)	ND (10.0)	-	-	-	-	ND (10)	ND (10)	ND (10.0)	-
Phenanthrene	ug/L	1095	100	ND (10)	ND (10.0)	-	-	ND (10)	ND (10)	ND (10.0)	-	-	-	-	ND (10)	ND (10)	ND (10.0)	-
Pyrene	ug/L	1095	200	ND (10)	ND (10.0)	-	-	ND (10)	ND (10)	ND (10.0)	-	-	-	-	ND (10)	ND (10)	ND (10.0)	-
Total Targeted Compounds	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Semi-Volatile TICS																		
1,2,3,4-Tetrahydro-naphthalene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2,3,4-Tetramethyl-benzene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2,4-Trimethylbenzene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-Ethyl-2-methylbenzene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-Ethyl-4-methylbenzene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1H-Inden-1-one, 2,3-dihydro- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1H-Inden-1-one,2,3-dihydro- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,4,4-Trimethyl-2-pentene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene, 1,3,5-trimethyl- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene, 1-ethyl-2,3-dimethyl- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene, 1-methyl-3-propyl A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene, ethyl-1,2,4-trimeth A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzo(b)thiophene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Carbazole A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cyclohexanone A	ug/L	-	-	-	-	-	-	130	-	-	-	-	-	-	-	-	-	-
Cyclopropane, pentyl- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cyclotetrasiloxane, octamethyl- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dimethyl cyclohexane (isomers) A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dodecanamide, n,n-bis(2-hydroxyethyl)- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hexanedioic acid, mono(2-eth A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1H-Indene-1-one, 2,3-dihydro- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Indane A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tetrachloroethene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trichloroethene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown A	ug/L	-	-	-	-	-	-	-	42	-	-	-	-	-	6	5	-	-
Unknown B	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	6	-	-	-
Unknown C	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown D	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Xylene(ortho) A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Semi-Volatile TICS	ug/L			0	0	0	0	130	42	0	0	0	0	0	12	5	0	0
Volatiles																		
1,1,1-Trichloroethane	ug/L	30	30	ND (5.0)	ND (5.0)	-	ND (0.2)	ND (5.0)	ND (5.0)	ND (5.0)	-	ND (0.2)	-	ND (0.4)	ND (5.0)	ND (5.0)	ND (5.0)	-
1,1,2-Trichloroethane	ug/L	3	3	ND (5.0)	ND (5.0)	-	ND (0.4)	ND (5.0)	ND (5.0)	ND (5.0)	-	ND (0.4)	-	ND (0.9)	ND (5.0)	ND (5.0)	ND (5.0)	-
1,1-Dichloroethane	ug/L	50	50	ND (5.0)	ND (5.0)	-	ND (0.3)	ND (5.0)	ND (5.0)	ND (5.0)	-	ND (0.3)	-	ND (0.6)	ND (5.0)	ND (5.0)	ND (5.0)	-
1,1-Dichloroethene	ug/L	2	2	ND (5.0)	ND (5.0)	-	ND (0.6)	ND (5.0)	ND (5.0)	ND (5.0)	-	ND (0.6)	-	3.7 ab	ND (5.0)	ND (5.0)	ND (5.0)	-
1,2-Dichlorobenzene	ug/L	600	600	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2-Dichloroethane	ug/L	2	2	ND (5.0)	ND (5.0)	-	ND (0.2)	ND (5.0)	ND (5.0)	ND (5.0)	-	ND (0.2)	-	ND (0.4)	ND (5.0)	ND (5.0)	ND (5.0)	-
1,3-Dichlorobenzene	ug/L	600	600	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,4-Dichlorobenzene	ug/L	75	75	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Hexanone	ug/L	-	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Methyl-2-pentanone	ug/L	2920	400	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Acetone	ug/L	3650	700	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene	ug/L	1	1	ND (5.0)	ND (5.0)	-	ND (0.2)	ND (5.0)	ND (5.0)	ND (5.0)	-	ND (0.2)	-	ND (0.5)	ND (5.0)	ND (5.0)	ND (5.0)	-
Bromodichloromethane	ug/L	80	1	ND (5.0)	ND (5.0)	-	ND (0.2)	ND (5.0)	ND (5.0)	ND (5.0)	-	ND (0.2)	-	ND (0.4)	ND (5.0)	ND (5.0)	ND (5.0)	-
Bromoform	ug/L	80	4	ND (5.0)	ND (5.0)	-	ND (0.3)	ND (5.0)	ND (5.0)	ND (5.0)	-	ND (0.3)	-	ND (0.6)	ND (5.0)	ND (5.0)	ND (5.0)	-
Carbon di-sulfide	ug/L	3650	800	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chlorobenzene	ug/L	50	50	ND (5.0)	ND (5.0)	-	ND (0.1)	ND (5.0)	ND (5.0)	ND (5.0)	-	ND (0.1)	-	ND (0.3)	ND (5.0)	ND (5.0)	ND (5.0)	-
Chloroform (Trichloromethane)	ug/L	80	6	ND (5.0)	ND (5.0)	-	ND (0.2)	ND (5.0)	ND (5.0)	ND (5.0)	-	ND (0.2)	-	ND (0.4)	ND (5.0)	ND (5.0)	ND (5.0)	-

TABLE 6.2

ANALYTICAL RESULTS SUM[illegible] OF DETECTED ANALYTES
HISTORIC - [illegible]NDWATER
LINDEN, NJ

Sample Location:				*BEC-6S*	*BEC-6S*	*BEC-7D*	*BEC-7D*	*BEC-7S*	*BEC-7S*	*BEC-7S*	*BEC-7S*	*BEC-7S*	*BEC-8D*	*BEC-8D*	*BEC-8S*	*BEC-8S*	*BEC-8S*	*BEC-8S*
Sample ID:				*89001-2006*	*89001-2006*	*2307*	*2307*	*2007*	*89001-2007*	*89001-2007*	*93089-2315*	*93089-2315*	*2308*	*2308*	*2008*	*89001-2008*	*89001-2008*	*93089-2316*
Sample Date:				*12/12/90*	*12/15/90*	*8/8/95*	*8/8/95*	*11/8/90*	*12/12/90*	*12/15/90*	*8/9/95*	*8/15/95*	*8/8/95*	*8/8/95*	*11/8/90*	*12/12/90*	*12/15/90*	*8/10/95*
Analysis Date:				*12/12/90*	*12/15/90*	*8/8/95*	*8/11/95*	*11/8/90*	*12/12/90*	*12/15/90*	*8/9/95*	*8/15/95*	*8/8/95*	*8/12/95*	*11/8/90*	*12/12/90*	*12/15/90*	*8/10/95*
Sample Depth:																		
Parameters	*Units*	*EPA*	*NJ*															
		a	b															
cis-1,2-Dichloroethene	ug/L	70	70	-	-	-	ND (1.0)	-	-	-	-	ND (1.0)	-	8.0	-	-	-	-
Cyclobutane, 1,2-diethyl-	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ethylbenzene	ug/L	700	700	2.3 J	ND (5.0)	-	ND (0.2)	ND (5.0)	ND (5.0)	ND (5.0)	-	ND (0.2)	-	ND (0.5)	ND (5.0)	ND (5.0)	ND (5.0)	-
m&p-Xylene	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Methyl Tert Butyl Ether	ug/L	70	70	-	-	-	ND (1.0)	-	-	-	-	ND (1.0)	-	ND (2.0)	-	-	-	-
Methylene chloride	ug/L	3	3	ND (5.0)	ND (5.0)	-	ND (1.0)	ND (5.0)	ND (5.0)	ND (5.0)	-	ND (1.0)	-	ND (2.1)	ND (5.0)	ND (5.0)	ND (5.0)	-
o-Xylene	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Synthetic Organic Compounds (cancer)	ug/L	-	-	ND (10)	ND (10)	-	-	ND (10)	ND (10)	ND (10)	-	-	-	-	ND (10)	ND (10)	ND (10)	-
Synthetic Organic Compounds (non-cancer)	ug/L	-	-	ND (10)	ND (10)	ND (1)	-	130	ND (10)	ND (10)	ND (1)	-	ND (2.1)	-	ND (10)	ND (10)	ND (10)	ND (1)
Tetrachloroethene	ug/L	1	1	ND (5.0)	ND (5.0)	-	ND (0.1)	ND (5.0)	ND (5.0)	ND (5.0)	-	ND (0.1)	-	ND (0.2)	ND (5.0)	ND (5.0)	ND (5.0)	-
Toluene	ug/L	1000	1000	ND (5.0)	ND (5.0)	-	ND (0.2)	ND (5.0)	ND (5.0)	ND (5.0)	-	ND (0.2)	-	ND (0.4)	ND (5.0)	ND (5.0)	ND (5.0)	-
Total Targeted Compounds	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total VOCS	ug/L	-	-	ND	-	-	-	-	ND	-	-	-	-	-	-	ND	-	-
trans-1,2-Dichloroethene	ug/L	100	100	ND (5.0)	ND (5.0)	-	ND (0.3)	ND (5.0)	ND (5.0)	ND (5.0)	-	ND (0.3)	-	ND (0.6)	ND (5.0)	ND (5.0)	ND (5.0)	-
trans-1,3-Dichloropropene	ug/L	-	-	ND (5.0)	ND (5.0)	-	ND (0.3)	ND (5.0)	ND (5.0)	ND (5.0)	-	ND (0.3)	-	ND (0.6)	ND (5.0)	ND (5.0)	ND (5.0)	-
Trichloroethene	ug/L	1	1	ND (5.0)	ND (5.0)	-	ND (0.4)	ND (5.0)	ND (5.0)	ND (5.0)	-	ND (0.4)	-	200 *	ND (5.0)	ND (5.0)	ND (5.0)	-
Vinyl chloride	ug/L	2	5	ND (10)	ND (10.0)	-	ND (0.4)	ND (10)	ND (10)	ND (10.0)	-	ND (0.4)	-	ND (0.8)	ND (10)	ND (10)	ND (10.0)	-
Xylene (total)	ug/L	1000	1000	ND (5.0)	ND (5.0)	-	ND (1.0)	ND (5.0)	ND (5.0)	ND (5.0)	-	ND (1.0)	-	ND (2.0)	ND (5.0)	ND (5.0)	ND (5.0)	-
Volatile TICS																		
1,2,3,4-Tetramethyl-benzene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2,3,5-Tetramethylbenzene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2,3-Trimethylbenzene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2,4-Trimethylbenzene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2-Dichlorobenzene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,4-Hexadiene, 2,3-dimethyl- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,4-Methanonaphthalene, 1,4- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,4-Pentadiene, 2,3,4-trimet A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,4-Pentadiene, 2,3,4-trimet B	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-Ethenyl-2-methyl-benzene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-Ethyl-2-methylbenzene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-Ethyl-3-methylbenzene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-Ethyl-4-methylbenzene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-Ethyl-4-methylbenzene B	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-Hexane, 5,5-dimethyl- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-Methylethyl-benzene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-Methylethyl-benzene B	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-Pentene, 3,4-dimethyl- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1H-Inden-1-one, 2,3-dihydro- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1H-Inden-1-one, 2,3-dihydro- B	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1H-Inden-5-ol, 2,3-dihydro- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1H-Indene, 2,3-dihydro-1,2-d A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1H-Indene, 2,3-dihydro-1,6-d A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1H-Indene, 2,3-dihydro-4-met A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1H-Pyrazole, 4,5-dihydro-1,5 A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Methyl naphthalene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Methylbutane A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Methylpentane A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,3-dihydro-dimethyl-1H-Indene Isomer A	ug/L																	
3-Hexene, 2,2-dimethyl-, (Z)- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3-Hepten-2-one A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Ethyl-1,2-dimethylbenzene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Acetone A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene, 1,2,4,5-tetramethyl A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene, 1,2-diethyl- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene, 1-ethyl-2,3-dimethyl- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene, 1-ethylpropyl- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene, 1-methyl-3-(1-methylethyl)- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene, 1-methyl-3-(1-methylethyl)- B	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene, 1-methyl-3-propyl A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene, 1-methylpropyl- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene, 2-ethenyl-1,4-dimet A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene, 2-ethly-1,4-dimethy A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzyl Alcohol A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Butane, 1-(1-methylpropoxy)- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Butane, 2-ethoxy- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C6H14 Alkane A	ug/L																	
C8H14 Hydrocarbon A	ug/L																	
C8H16 Cycloalkane A	ug/L																	
C8H16 Cycloalkane B	ug/L																	
C9H10 aromatic A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C9H10 Aromatic/C10H14 Aromatic	ug/L																	
C9H18 Cycloalkane A	ug/L																	
C10H12 aromatic A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C10H12 aromatic B	ug/L																	
C10H12 aromatic C	ug/L																	
C10H12 aromatic D	ug/L																	
Cycloheptane, methyl- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cyclohexane A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cyclopentene, 4,4-dimethyl- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cyclopropane, 1-(2-methylbut)- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

TABLE 6.2

ANALYTICAL RESULTS SUM[illegible]OF DETECTED ANALYTES
HISTORIC - G[illegible]DWATER
LINDEN, NJ

Sample Location:				BEC-6S	BEC-6S	BEC-7D	BEC-7D	BEC-7S	BEC-7S	BEC-7S	BEC-7S	BEC-7S	BEC-8D	BEC-8D	BEC-8S	BEC-8S	BEC-8S	BEC-8S
Sample ID:				89001-2006	89001-2006	2307	2307	2007	89001-2007	89001-2007	93089-2315	93089-2315	2308	2308	2008	89001-2008	89001-2008	93089-2316
Sample Date:				12/12/90	12/15/90	8/8/95	8/8/95	11/8/90	12/12/90	12/15/90	8/9/95	8/9/95	8/8/95	8/8/95	11/8/90	12/12/90	12/15/90	8/10/95
Analysis Date:				12/12/90	12/15/90	8/8/95	8/11/95	11/8/90	12/12/90	12/15/90	8/9/95	8/15/95	8/8/95	8/12/95	11/8/90	12/12/90	12/15/90	8/10/95
Sample Depth:																		
Parameters	*Units*	*EPA* a	*NJ* b															
Cyclotetrasiloxane, octamethyl- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Diethylbenzene Isomer A	ug/L																	
Diisopropyl ether A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dimethyl cyclohexane (isomers) A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dodecanamide, n,n-bis(2-hydroxyethyl)- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ether A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ethyl Methyl Benzene B	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ethylcyclobutane A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ethylmethyl benzene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ethylmethyl benzene B	ug/L																	
Hexane A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
H-Indene-1-one, 2,3-dihydro- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Indan, 1-methyl- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Indane A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Naphthalene, 1,2,3,4-tetrahy A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tetrahydrofuran A	ug/L	-	-	-	-	-	-	-	23	-	-	-	-	-	-	-	-	-
Toluene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trichloroethene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trimethylbenzene Isomer A	ug/L																	
Trimethylbenzene Isomer B	ug/L																	
Unknown A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6.5	-	-
Unknown B	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown C	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown D	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown Aldehyde A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown Aldehyde B	ug/L																	
Unknown Alkane A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown Alkane B	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown C10H20 A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown C8H16 A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown Hydrocarbon A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown Hydrocarbon B	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown isomer of trimethyl benzene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Xylene(ortho) A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Volatile TICS	ug/L			0	0	0	0	0	23	0	0	0	0	0	0	6.5	0	0

TABLE 6.2

ANALYTICAL RESULTS SUM[illegible] OF DETECTED ANALYTES
HISTORIC - [illegible]NDWATER
LINDEN, NJ

Sample Location:				BEC-8S	BEC-9D	BEC-9D	BEC-9S	BEC-9S	BEC-9S	BEC-9S	BEC-10S	BEC-10S	BEC-11S	BEC-12S	BEC-12S	BEC-12S	BEC-12S	BEC-13S
Sample ID:				93089-2316	2309	2309	2009	2012DUP	89001-2009	89001-2009	89001-2010	89001-2018	89001-2011	89001-2012	93089-2318	93089-2318	93089-2318A	89001-2013
Sample Date:				8/10/95	8/8/95	8/8/95	11/8/90	11/8/90	12/12/90	12/15/90	12/12/90	12/12/90	12/12/90	12/12/90	8/10/95	8/10/95	8/10/95	12/12/90
Analysis Date:				8/16/95	8/8/95	8/12/95	11/8/90	11/8/90	12/12/90	12/15/90	12/12/90	12/12/90	12/12/90	12/12/90	8/10/95	8/15/95	8/15/95	12/12/90
Sample Depth:																		
								Duplicate				Duplicate					Duplicate	
Parameters	Units	EPA a	NJ b															
Metals																		
Chromium	mg/L	0.1	0.1	-	-	-	-	-	-	ND (0.01)	-	-	-	-	-	-	-	-
Copper	mg/L	1.3	1	-	-	-	-	-	-	ND (0.01)	-	-	-	-	-	-	-	-
Lead	mg/L	0.015	0.01	-	-	-	-	-	-	0.05	-	-	-	-	-	-	-	-
Zinc	mg/L	10.95	5	-	-	-	-	-	-	ND (0.01)	-	-	-	-	-	-	-	-
Semi-Volatiles																		
1,2-Dichlorobenzene	ug/L	600	600	-	-	-	ND (10)	ND (10)	ND (10)	ND (10.0)	ND (10)	ND (10)	ND (10)	ND (10)	-	-	-	ND (10)
1,3-Dichlorobenzene	ug/L	600	600	-	-	-	ND (10)	ND (10)	ND (10)	ND (10.0)	ND (10)	ND (10)	ND (10)	ND (10)	-	-	-	ND (10)
1,4-Dichlorobenzene	ug/L	75	75	-	-	-	ND (10)	ND (10)	ND (10)	ND (10.0)	ND (10)	ND (10)	ND (10)	ND (10)	-	-	-	ND (10)
2,2'-oxybis(1-Chloropropane)	ug/L	0.9604	300	-	-	-	ND (10)	ND (10)	ND (10)	ND (10.0)	ND (10)	ND (10)	ND (10)	ND (10)	-	-	-	ND (10)
2-Methyl naphthalene	ug/L	730	100	-	-	-	-	-	-	ND (10.0)	-	-	-	-	-	-	-	-
Acenaphthene	ug/L	2190	400	-	-	-	ND (10)	ND (10)	ND (10)	ND (10.0)	7.6 J	8.8	ND (10)	0.42 J	-	-	-	ND (10)
Anthracene	ug/L	10950	2000	-	-	-	ND (10)	ND (10)	ND (10)	ND (10.0)	2.3 J	2.2	ND (10)	ND (10)	-	-	-	ND (10)
Benzo(b)fluoranthene	ug/L	0.092098	10	-	-	-	ND (10)	ND (10)	ND (10)	ND (10.0)	ND (10)	ND (10)	ND (10)	ND (10)	-	-	-	ND (10)
Benzo(k)fluoranthene	ug/L	0.92098	1	-	-	-	ND (10)	ND (10)	ND (10)	ND (10.0)	ND (10)	ND (10)	ND (10)	ND (10)	-	-	-	ND (10)
bis(2-Chloroethyl)ether	ug/L	0.06112	10	-	-	-	ND (10)	ND (10)	ND (10)	ND (10.0)	ND (10)	ND (10)	ND (10)	ND (10)	-	-	-	ND (10)
bis(2-Ethylhexyl)phthalate	ug/L	6	30	-	-	-	ND (10)	ND (10)	ND (10)	ND (10.0)	ND (10)	ND (10)	ND (10)	ND (10)	-	-	-	ND (10)
Di-n-butylphthalate	ug/L	3650	900	-	-	-	ND (10)	ND (10)	ND (10)	ND (10.0)	ND (10)	ND (10)	ND (10)	ND (10)	-	-	-	ND (10)
Fluoranthene	ug/L	1460	300	-	-	-	ND (10)	ND (10)	ND (10)	ND (10.0)	3.0 J	2.9	ND (10)	0.72 J	-	-	-	ND (10)
Fluorene	ug/L	1460	300	-	-	-	ND (10)	ND (10)	ND (10)	ND (10.0)	9.2 J	11	ND (10)	0.38 J	-	-	-	ND (10)
N-Nitrosodiphenylamine	ug/L	13.72	20	-	-	-	ND (10)	ND (10)	ND (10)	ND (10.0)	ND (10)	ND (10)	ND (10)	ND (10)	-	-	-	ND (10)
Naphthalene	ug/L	300	300	-	-	-	ND (10)	ND (10)	ND (10)	ND (10.0)	3.9 J	5.3	ND (10)	ND (10)	-	-	-	ND (10)
Phenanthrene	ug/L	1095	100	-	-	-	ND (10)	ND (10)	ND (10)	ND (10.0)	12	14	ND (10)	0.62 J	-	-	-	ND (10)
Pyrene	ug/L	1095	200	-	-	-	ND (10)	ND (10)	ND (10)	ND (10.0)	1.8 J	1.5	ND (10)	0.48 J	-	-	-	ND (10)
Total Targeted Compounds	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Semi-Volatile TICS																		
1,2,3,4-Tetrahydro-naphthalene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2,3,4-Tetramethyl-benzene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2,4-Trimethylbenzene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-Ethyl-2-methylbenzene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-Ethyl-4-methylbenzene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1H-Inden-1-one, 2,3-dihydro- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1H-Inden-1-one,2,3-dihydro- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,4,4-Trimethyl-2-pentene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene, 1,3,5-trimethyl- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene, 1-ethyl-2,3-dimethyl- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene, 1-methyl-3-propyl A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene, ethyl-1,2,4-trimeth A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzo(b)thiophene A	ug/L	-	-	-	-	-	-	-	5	-	-	-	-	-	-	-	-	-
Carbazole A	ug/L	-	-	-	-	-	-	-	-	-	6	8	-	-	-	-	-	-
Cyclohexanone A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cyclopropane, pentyl- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cyclotetrasiloxane, octamethyl- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dimethyl cyclohexane (isomers) A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dodecanamide, n,n-bis(2-hydroxyethyl)- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hexanedioic acid, mono(2-eth A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1H-Indene-1-one, 2,3-dihydro- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Indane A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tetrachloroethene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trichloroethene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown A	ug/L	-	-	-	-	-	4	-	-	-	-	-	-	-	-	-	-	-
Unknown B	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown C	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown D	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Xylene(ortho) A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Semi-Volatile TICS	ug/L			0	0	0	4	0	5	0	6	8	0	0	0	0	0	0
Volatiles																		
1,1,1-Trichloroethane	ug/L	30	30	ND (0.2)	-	ND (0.2)	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)	-	ND (0.2)	ND (0.2)	ND (5.0)
1,1,2-Trichloroethane	ug/L	3	3	ND (0.4)	-	ND (0.4)	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)	-	ND (0.4)	ND (0.4)	ND (5.0)
1,1-Dichloroethane	ug/L	50	50	ND (0.3)	-	78	ND (5.0)	ND (5.0)	ND (5.0)	6.1	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)	-	ND (0.3)	ND (0.3)	ND (5.0)
1,1-Dichloroethene	ug/L	2	2	ND (0.6)	-	1.8	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)	-	ND (0.6)	ND (0.6)	ND (5.0)
1,2-Dichlorobenzene	ug/L	600	600	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2-Dichloroethane	ug/L	2	2	ND (0.2)	-	ND (0.2)	2.8 J	3.0 J	3.0 J	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)	-	ND (0.2)	ND (0.2)	ND (5.0)
1,3-Dichlorobenzene	ug/L	600	600	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,4-Dichlorobenzene	ug/L	75	75	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Hexanone	ug/L	-	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Methyl-2-pentanone	ug/L	2920	400	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Acetone	ug/L	3650	700	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene	ug/L	1	1	ND (0.2)	-	ND (0.2)	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)	-	ND (0.2)	ND (0.2)	ND (5.0)
Bromodichloromethane	ug/L	80	1	ND (0.2)	-	ND (0.2)	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)	-	ND (0.2)	ND (0.2)	ND (5.0)
Bromoform	ug/L	80	4	ND (0.3)	-	ND (0.3)	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)	-	ND (0.3)	ND (0.3)	ND (5.0)
Carbon disulfide	ug/L	3650	800	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chlorobenzene	ug/L	50	50	ND (0.1)	-	ND (0.1)	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)	-	ND (0.1)	ND (0.1)	ND (5.0)
Chloroform (Trichloromethane)	ug/L	80	6	ND (0.2)	-	ND (0.2)	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)	3.3 J	3.7	5.8	6.7	-	ND (0.2)	ND (0.2)	3.5 J

ANALYTICAL RESULTS SUM[illegible] OF DETECTED ANALYTES
HISTORIC - GROUNDWATER
LINDEN, NJ

Sample Location:				BEC-8S	BEC-9D	BEC-9D	BEC-9S	BEC-9S	BEC-9S	BEC-9S	BEC-10S	BEC-10S	BEC-11S	BEC-12S	BEC-12S	BEC-12S	BEC-12S	BEC-13S
Sample ID:				93089-2316	2309	2309	2009	2012DUP	89001-2009	89001-2009	89001-2010	89001-2018	89001-2011	89001-2012	93089-2318	93089-2318	93089-2318A	89001-2013
Sample Date:				8/10/95	8/8/95	8/8/95	11/8/90	11/8/90	12/12/90	12/15/90	12/12/90	12/12/90	12/12/90	12/12/90	8/10/95	8/10/95	8/10/95	12/12/90
Analysis Date:				8/16/95	8/8/95	8/12/95	11/8/90	11/8/90	12/12/90	12/15/90	12/12/90	12/12/90	12/12/90	12/12/90	8/10/95	8/15/95	8/15/95	12/12/90
Sample Depth:																		
								Duplicate				Duplicate					Duplicate	
Parameters	Units	EPA a	NJ b															
cis-1,2-Dichloroethene	ug/L	70	70	ND (1.0)	-	11	-	-	-	-	-	-	-	-	-	ND (1.0)	ND (1.0)	-
Cyclobutane, 1,2-diethyl-	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ethylbenzene	ug/L	700	700	ND (0.2)	-	ND (0.2)	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)	-	ND (0.2)	ND (0.2)	ND (5.0)
m&p-Xylene	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Methyl Tert Butyl Ether	ug/L	70	70	ND (1.0)	-	ND (1.0)	-	-	-	-	-	-	-	-	-	ND (1.0)	ND (1.0)	-
Methylene chloride	ug/L	3	3	ND (1.0)	-	ND (1.0)	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)	-	ND (1.0)	ND (1.0)	ND (5.0)
o-Xylene	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Synthetic Organic Compounds (cancer)	ug/L	-	-	-	-	-	ND (10)	-	ND (10)	ND (10)	6	8	ND (10)	ND (10)	-	-	-	ND (10)
Synthetic Organic Compounds (non-cancer)	ug/L	-	-	-	10	-	ND (10)	-	20	ND (10)	10	10	ND (10)	0.62	ND (1)	-	-	ND (10)
Tetrachloroethene	ug/L	1	1	ND (0.1)	-	0.9	ND (5.0)	ND (5.0)	ND (5.0)	5.7[ab]	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)	-	ND (0.1)	ND (0.1)	ND (5.0)
Toluene	ug/L	1000	1000	ND (0.2)	-	ND (0.2)	ND (5.0)	1.2 J	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)	-	ND (0.2)	ND (0.2)	ND (5.0)
Total Targeted Compounds	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total VOCS	ug/L	-	-	-	-	-	-	-	ND	-	ND	-	ND	ND	-	-	-	ND
trans-1,2-Dichloroethene	ug/L	100	100	ND (0.3)	-	ND (0.3)	3.4 J	3.6 J	3.7 J	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)	-	ND (0.3)	ND (0.3)	ND (5.0)
trans-1,3-Dichloropropene	ug/L	-	-	ND (0.3)	-	ND (0.3)	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)	-	ND (0.3)	ND (0.3)	ND (5.0)
Trichloroethene	ug/L	1	1	ND (0.4)	-	8.8[ab]	20[ab]	21 N[ab]	22[ab]	109.5[ab]	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)	-	ND (0.4)	ND (0.4)	ND (5.0)
Vinyl chloride	ug/L	2	5	ND (0.4)	-	1.5	ND (10)	ND (10)	ND (10)	ND (10.0)	ND (10)	ND (10)	ND (10)	ND (10)	-	ND (0.4)	ND (0.4)	ND (10)
Xylene (total)	ug/L	1000	1000	ND (1.0)	-	ND (1.0)	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)	-	ND (1.0)	ND (1.0)	ND (5.0)
Volatile TICS																		
1,2,3,4-Tetramethyl-benzene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2,3,5-Tetramethylbenzene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2,3-Trimethylbenzene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2,4-Trimethylbenzene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2-Dichlorobenzene A	ug/L	-	-	-	-	51	-	-	-	-	-	-	-	-	-	-	-	-
1,4-Hexdiene, 2,3-dimethyl- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,4-Methanonaphthalene, 1,4- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,4-Pentadiene, 2,3,4-trimet A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,4-Pentadiene, 2,3,4-trimet B	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-Ethenyl-2-methyl-benzene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-Ethyl-2-methylbenzene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-Ethyl-3-methylbenzene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-Ethyl-4-methylbenzene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-Ethyl-4-methylbenzene B	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-Hexane, 5,5-dimethyl- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-Methylethyl-benzene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-Methylethyl-benzene B	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-Pentene, 3,4-dimethyl- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1H-Inden-1-one, 2,3-dihydro- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1H-Inden-1-one, 2,3-dihydro- B	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1H-Inden-5-ol, 2,3-dihydro- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1H-Indene, 2,3-dihydro-1,2-d A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1H-Indene, 2,3-dihydro-1,6-d A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1H-Indene, 2,3-dihydro-4-met A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1H-Pyrazole, 4,5-dihydro-1,5 A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Methyl naphthalene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Methylbutane A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Methylpentane A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,3-dihydro-dimethyl-1H-Indene Isomer A	ug/L																	
3-Hexene, 2,2-dimethyl-, (Z)- A	ug/L	-	-	-	-	-	9.0	-	-	-	-	-	-	-	-	-	-	-
3-Hipten-2-one A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Ethyl-1,2-dimethylbenzene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Acetone A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene, 1,2,4,5-tetramethyl A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene, 1,2-diethyl- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene, 1-ethyl-2,3-dimethyl- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene, 1-ethylpropyl- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene, 1-methyl-3-(1-methylethyl)- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene, 1-methyl-3-(1-methylethyl)- B	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene, 1-methyl-3-propyl A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene, 1-methylpropyl- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene, 2-ethenyl-1,4-dimet A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene, 2-ethly-1,4-dimethy A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzyl Alcohol A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Butane, 1-(1-methylpropoxy)- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Butane, 2-ethoxy- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C6H14 Alkane A	ug/L																	
C8H14 Hydrocarbon A	ug/L																	
C8H16 Cycloalkane A	ug/L																	
C8H16 Cycloalkane B	ug/L																	
C9H10 aromatic A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C9H10 Aromatic/C10H14 Aromatic	ug/L																	
C9H18 Cycloalkane A	ug/L																	
C10H12 aromatic A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C10H12 aromatic B	ug/L																	
C10H12 aromatic C	ug/L																	
C10H12 aromatic D	ug/L																	
Cycloheptane, methyl- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cyclohexane A	ug/L	-	-	-	-	-	4.0	3.0	-	-	-	-	-	-	-	-	-	-
Cyclopentene, 4,4-dimethyl- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cyclopropane, 1-(2-methylbut)- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

TABLE 6.2

ANALYTICAL RESULTS SUM OF DETECTED ANALYTES
HISTORIC - GROUNDWATER
LINDEN, NJ

Sample Location:				*BEC-8S*	*BEC-9D*	*BEC-9D*	*BEC-9S*	*BEC-9S*	*BEC-9S*	*BEC-9S*	*BEC-10S*	*BEC-10S*	*BEC-11S*	*BEC-12S*	*BEC-12S*	*BEC-12S*	*BEC-12S*	*BEC-13S*
Sample ID:				*93089-2316*	*2309*	*2309*	*2009*	*2012DUP*	*89001-2009*	*89001-2009*	*89001-2010*	*89001-2018*	*89001-2011*	*89001-2012*	*93089-2318*	*93089-2318*	*93089-2318A*	*89001-2013*
Sample Date:				*8/10/95*	*8/8/95*	*8/8/95*	*11/8/90*	*11/8/90*	*12/12/90*	*12/15/90*	*12/12/90*	*12/12/90*	*12/12/90*	*12/12/90*	*8/10/95*	*8/10/95*	*8/10/95*	*12/12/90*
Analysis Date:				*8/16/95*	*8/8/95*	*8/12/95*	*11/8/90*	*11/8/90*	*12/12/90*	*12/15/90*	*12/12/90*	*12/12/90*	*12/12/90*	*12/12/90*	*8/10/95*	*8/15/95*	*8/15/95*	*12/12/90*
Sample Depth:								*Duplicate*				*Duplicate*					*Duplicate*	
Parameters	*Units*	*EPA* a	*NJ* b															
Cyclotetrasiloxane, octamethyl- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Diethylbenzene Isomer A	ug/L																	
Diisopropyl ether A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dimethyl cyclohexane (isomers) A	ug/L	-	-	-	-	-	-	9.0	10	-	-	-	-	-	-	-	-	-
Dodecanamide, n,n-bis(2-hydroxyethyl)- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ether A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ethyl Methyl Benzene B	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ethylcyclobutane A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ethylmethyl benzene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ethylmethyl benzene B	ug/L																	
Hexane A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
H-Indene-1-one, 2,3-dihydro- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Indan, 1-methyl- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Indane A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Naphthalene, 1,2,3,4-tetrahy A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tetrahydrofuran A	ug/L	-	-	-	-	-	2.0	3.0	-	-	-	-	-	-	-	-	-	-
Toluene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trichloroethene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trimethylbenzene Isomer A	ug/L																	
Trimethylbenzene Isomer B	ug/L																	
Unknown A	ug/L	-	-	-	-	-	23	2.0	-	-	-	-	-	-	-	-	-	-
Unknown B	ug/L	-	-	-	-	-	2.0	2.0	-	-	-	-	-	-	-	-	-	-
Unknown C	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown D	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown Aldehyde A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown Aldehyde B	ug/L																	
Unknown Alkane A	ug/L	-	-	-	-	3.7	-	-	-	-	-	-	-	-	-	-	-	-
Unknown Alkane B	ug/L	-	-	-	-	11	-	-	-	-	-	-	-	-	-	-	-	-
Unknown C10H20 A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown C6H16 A	ug/L	-	-	-	-	-	-	-	3.5	-	-	-	-	-	-	-	-	-
Unknown Hydrocarbon A	ug/L	-	-	-	-	-	-	-	4.3	-	-	-	-	-	-	-	-	-
Unknown Hydrocarbon B	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown isomer of trimethyl benzene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Xylene(ortho) A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Volatile TICS	ug/L			0	0	65.70000005	40	19	17.8	0	0	0	0	0	0	0	0	0

TABLE 6.2

ANALYTICAL RESULTS SUM[illegible] OF DETECTED ANALYTES
HISTORIC - [illegible]NDWATER
LINDEN, NJ

Sample Location:				*BEC-13S*	*BEC-13S*	*BEC-14S*	*BEC-14S*	*BEC-14S*	*BEC-14S*	*BEC-14S*	*BEC-14S*	*BEC-14S*	*HP-2*	*HP-3*	*HP-4*	*HP-5*
Sample ID:				*93089-2319*	*93089-2319*	*93089-2204*	*93089-2204*	*93089-2320*	*93089-2320*	*93089-2406*	*93089-2406*	*93089-2406*	*93089-2002*	*93089-2003*	*93089-2004*	*93089-2005*
Sample Date:				*8/9/95*	*8/9/95*	*4/20/95*	*4/20/95*	*8/10/95*	*8/10/95*	*3/12/96*	*3/12/96*	*3/25/96*	*12/6/93*	*12/7/93*	*12/7/93*	*12/7/93*
Analysis Date:				*8/9/95*	*8/15/95*	*4/20/95*	*5/1/95*	*8/10/95*	*8/16/95*	*3/12/96*	*3/13/96*	*3/25/96*	*12/6/93*	*12/7/93*	*12/7/93*	*12/7/93*
Sample Depth:													*(22-)*	*(15-)*	*(14-)*	*(19-)*
Parameters	*Units*	*EPA* a	*NJ* b													
Metals																
Chromium	mg/L	0.1	0.1	-	-	-	-	-	-	-	-	-	-	-	-	-
Copper	mg/L	1.3	1	-	-	-	-	-	-	-	-	-	-	-	-	-
Lead	mg/L	0.015	0.01	-	-	-	ND	-	-	-	0.0032	-	-	-	-	-
Zinc	mg/L	10.95	5	-	-	-	-	-	-	-	-	-	-	-	-	-
Semi-Volatiles																
1,2-Dichlorobenzene	ug/L	600	600	-	-	-	-	-	-	-	-	-	-	-	-	-
1,3-Dichlorobenzene	ug/L	600	600	-	-	-	-	-	-	-	-	-	-	-	-	-
1,4-Dichlorobenzene	ug/L	75	75	-	-	-	-	-	-	-	-	-	-	-	-	-
2,2-oxybis(1-Chloropropane)	ug/L	0.9604	300	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Methyl naphthalene	ug/L	730	100	-	-	-	-	-	-	-	-	-	-	-	-	-
Acenaphthene	ug/L	2190	400	-	-	-	-	-	-	-	-	-	-	-	-	-
Anthracene	ug/L	10950	2000	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzo(b)fluoranthene	ug/L	0.092098	10	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzo(k)fluoranthene	ug/L	0.92098	1	-	-	-	-	-	-	-	-	-	-	-	-	-
bis-(2-Chloroethyl)ether	ug/L	0.06112	10	-	-	-	-	-	-	-	-	-	-	-	-	-
bis-(2-Ethylhexyl)phthalate	ug/L	6	30	-	-	-	-	-	-	-	-	-	-	-	-	-
Di-n-butylphthalate	ug/L	3650	900	-	-	-	-	-	-	-	-	-	-	-	-	-
Fluoranthene	ug/L	1460	300	-	-	-	-	-	-	-	-	-	-	-	-	-
Fluorene	ug/L	1460	300	-	-	-	-	-	-	-	-	-	-	-	-	-
N-Nitrosodiphenylamine	ug/L	13.72	20	-	-	-	-	-	-	-	-	-	-	-	-	-
Naphthalene	ug/L	300	300	-	-	-	-	-	-	-	-	-	-	-	-	-
Phenanthrene	ug/L	1095	100	-	-	-	-	-	-	-	-	-	-	-	-	-
Pyrene	ug/L	1095	200	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Targeted Compounds	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Semi-Volatile TICS																
1,2,3,4-Tetrahydro-naphthalene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2,3,4-Tetramethyl-benzene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2,4-Trimethylbenzene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-Ethyl-2-methylbenzene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-Ethyl-4-methylbenzene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1H-Inden-1-one, 2,3-dihydro- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1H-Inden-1-one,2,3-dihydro- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,4,4-Trimethyl-2-pentene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene, 1,3,5-trimethyl- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene, 1-ethyl-2,3-dimethyl- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene, 1-methyl-3-propyl A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene, ethyl-1,2,4-trimeth A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzo(b)thiophene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Carbazole A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cyclohexanone A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cyclopropane, pentyl- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cyclotetrasiloxane, octamethyl- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dimethyl cyclohexane (isomers) A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dodecanamide, n,n-bis(2-hydroxyethyl)- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hexanedioic acid, mono(2-eth A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1H-Indene-1-one, 2,3-dihydro- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Indane A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tetrachloroethene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trichloroethene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown B	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown C	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown D	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Xylene(ortho) A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Semi-Volatile TICS	ug/L			0	0	0	0	0	0	0	0	0	0	0	0	0
Volatiles																
1,1,1-Trichloroethane	ug/L	30	30	-	ND (0.2)	-	ND (0.2)	-	ND (0.2)	-	-	ND (0.2)	ND (25)	ND (5)	ND (25)	ND (5)
1,1,2-Trichloroethane	ug/L	3	3	-	ND (0.4)	-	ND (0.4)	-	ND (0.4)	-	-	ND (0.4)	ND (15)	ND (3)	ND (15)	ND (3)
1,1-Dichloroethane	ug/L	50	50	-	ND (0.3)	-	ND (0.3)	-	ND (0.3)	-	-	ND (0.3)	ND (25)	ND (5)	ND (25)	ND (5)
1,1-Dichloroethene	ug/L	2	2	-	ND (0.6)	-	ND (0.6)	-	ND (0.6)	-	-	ND (0.6)	5 J [illegible]	ND (2)	ND (10)	ND (2)
1,2-Dichlorobenzene	ug/L	600	600	-	-	-	-	-	-	-	-	-	ND (25)	ND (5)	ND (25)	ND (5)
1,2-Dichloroethane	ug/L	2	2	-	ND (0.2)	-	ND (0.2)	-	ND (0.2)	-	-	ND (0.2)	39 [illegible]	ND (2)	ND (10)	ND (2)
1,3-Dichlorobenzene	ug/L	600	600	-	-	-	-	-	-	-	-	-	ND (25)	ND (5)	ND (25)	ND (5)
1,4-Dichlorobenzene	ug/L	75	75	-	-	-	-	-	-	-	-	-	ND (25)	ND (5)	ND (25)	ND (5)
2-Hexanone	ug/L	-	100	-	-	-	-	-	-	-	-	-	ND (100)	ND (20)	ND (100)	ND (20)
4-Methyl-2-pentanone	ug/L	2920	400	-	-	-	-	-	-	-	-	-	ND (125)	ND (25)	ND (125)	ND (25)
Acetone	ug/L	3650	700	-	-	-	-	-	-	-	-	-	16 J	120	190	14 J
Benzene	ug/L	1	1	-	ND (0.2)	-	ND (0.2)	-	ND (0.2)	-	-	ND (0.2)	ND (5)	ND (1)	ND (5)	ND (1)
Bromodichloromethane	ug/L	80	1	-	ND (0.2)	-	ND (0.2)	-	ND (0.2)	-	-	ND (0.2)	-	-	-	-
Bromoform	ug/L	80	4	-	ND (0.3)	-	ND (0.3)	-	ND (0.3)	-	-	ND (0.3)	ND (20)	ND (4)	ND (20)	ND (4)
Carbon disulfide	ug/L	3650	600	-	-	-	-	-	-	-	-	-	ND (25)	ND (5)	ND (25)	ND (5)
Chlorobenzene	ug/L	50	50	-	ND (0.1)	-	ND (0.1)	-	ND (0.1)	-	-	ND (0.1)	51 [illegible]	ND (4)	ND (20)	ND (4)
Chloroform (Trichloromethane)	ug/L	80	6	-	ND (0.2)	-	ND (0.2)	-	ND (0.2)	-	-	ND (0.2)	ND (25)	ND (5)	ND (25)	ND (5)

ANALYTICAL RESULTS SUMMARY OF DETECTED ANALYTES
HISTORIC - GROUNDWATER
LINDEN, NJ

Sample Location:				BEC-13S	BEC-13S	BEC-14S	BEC-14S	BEC-14S	BEC-14S	BEC-14S	BEC-14S	BEC-14S	HP-2	HP-3	HP-4	HP-5
Sample ID:				93089-2319	93089-2319	93089-2204	93089-2204	93089-2320	93089-2320	93089-2406	93089-2406	93089-2406	93089-2002	93089-2003	93089-2004	93089-2005
Sample Date:				8/9/95	8/9/95	4/20/95	4/20/95	8/10/95	8/10/95	3/12/96	3/12/96	3/12/96	12/6/93	12/7/93	12/7/93	12/7/93
Analysis Date:				8/9/95	8/15/95	4/20/95	5/1/95	8/10/95	8/16/95	3/12/96	3/13/96	3/25/96	12/6/93	12/7/93	12/7/93	12/7/93
Sample Depth:													(22-)	(15-)	(14-)	(19-)
Parameters	*Units*	*EPA*	*NJ*													
		a	b													
cis-1,2-Dichloroethene	ug/L	70	70	-	ND (1.0)	-	3.0	-	2.4	-	-	2.5	-	-	-	-
Cyclobutane, 1,2-diethyl-	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ethylbenzene	ug/L	700	700	-	ND (0.2)	-	ND (0.2)	-	ND (0.2)	-	-	ND (0.2)	ND (25)	ND (5)	ND (25)	ND (5)
m&p-Xylene	ug/L	-	-	-	-	-	-	-	-	-	-	-	ND (25)	ND (5)	ND (25)	ND (5)
Methyl Tert Butyl Ether	ug/L	70	70	-	ND (1.0)	-	-	-	2.0	-	-	2.8	ND (25)	ND (5)	ND (25)	ND (5)
Methylene chloride	ug/L	3	3	-	ND (1.0)	-	ND (1.0)	-	1.3	-	-	ND (1.0)	ND (10)	ND (2)	ND (10)	ND (2)
o-Xylene	ug/L	-	-	-	-	-	-	-	-	-	-	-	ND (25)	ND (5)	ND (25)	ND (5)
Synthetic Organic Compounds (cancer)	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Synthetic Organic Compounds (non-cancer)	ug/L	-	-	ND (1)	-	4	-	ND (1)	-	ND (1)	-	-	ND (100)	ND (20)	ND (100)	ND (20)
Tetrachloroethene	ug/L	1	1	-	ND (0.1)	-	ND (0.1)	-	ND (0.1)	-	-	ND (0.1)	25 [ab]	ND (1)	ND (5)	ND (1)
Toluene	ug/L	1000	1000	-	ND (0.2)	-	ND (0.2)	-	ND (0.2)	-	-	ND (0.2)	ND (25)	ND (5)	ND (25)	ND (5)
Total Targeted Compounds	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total VOCS	ug/L	-	-	-	-	-	-	-	-	-	-	8.0	742	120	190	14
trans-1,2-Dichloroethene	ug/L	100	100	-	ND (0.3)	-	ND (0.3)	-	ND (0.3)	-	-	ND (0.3)	31	ND (5)	ND (25)	ND (5)
trans-1,3-Dichloropropene	ug/L	-	-	-	ND (0.3)	-	ND (0.3)	-	ND (0.3)	-	-	ND (0.3)	ND (25)	ND (5)	ND (25)	ND (5)
Trichloroethene	ug/L	1	1	-	ND (0.4)	-	3.5 [ab]	-	2.9 [ab]	-	-	2.7 [ab]	550 [ab]	ND (1)	ND (5)	ND (1)
Vinyl chloride	ug/L	2	5	-	ND (0.4)	-	ND (0.4)	-	ND (0.4)	-	-	ND (0.4)	25 J [ab]	ND (5)	ND (25)	ND (5)
Xylene (total)	ug/L	1000	1000	-	ND (1.0)	-	ND (1.0)	-	ND (1.0)	-	-	ND (1.0)	-	-	-	-
Volatile TICS																
1,2,3,4-Tetramethyl-benzene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2,3,5-Tetramethylbenzene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2,3-Trimethylbenzene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2,4-Trimethylbenzene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2-Dichlorobenzene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,4-Hexdiene, 2,3-dimethyl- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,4-Methanonaphthalene, 1,4- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,4-Pentadiene, 2,3,4-trimet A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,4-Pentadiene, 2,3,4-trimet B	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-Ethenyl-2-methyl-benzene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-Ethyl-2-methylbenzene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-Ethyl-3-methylbenzene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-Ethyl-4-methylbenzene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-Ethyl-4-methylbenzene B	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-Hexane, 5,5-dimethyl- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-Methylethyl-benzene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-Methylethyl-benzene B	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-Pentene, 3,4-dimethyl- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1H-Inden-1-one, 2,3-dihydro- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1H-Inden-1-one, 2,3-dihydro- B	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1H-Inden-5-ol, 2,3-dihydro- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1H-Indene, 2,3-dihydro-1,2-d A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1H-Indene, 2,3-dihydro-1,6-d A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1H-Indene, 2,3-dihydro-4-met A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1H-Pyrazole, 4,5-dihydro-1,5 A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Methyl naphthalene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Methylbutane A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Methylpentane A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,3-dihydro-dimethyl-1H-Indene Isomer A	ug/L															
3-Hexene, 2,2-dimethyl-, (Z)- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3-Hepten-2-one A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Ethyl-1,2-dimethylbenzene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Acetone A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene, 1,2,4,5-tetramethyl A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene, 1,2-diethyl- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene, 1-ethyl-2,3-dimethyl- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene, 1-ethylpropyl- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene, 1-methyl-3-(1-methylethyl)- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene, 1-methyl-3-(1-methylethyl)- B	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene, 1-methyl-3-propyl A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene, 1-methylpropyl- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene, 2-ethenyl-1,4-dimet A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene, 2-ethly-1,4-dimethy A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzyl Alcohol A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Butane, 1-(1-methylpropoxy)- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Butane, 2-ethoxy- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C6H14 Alkane A	ug/L															
C8H14 Hydrocarbon A	ug/L															
C8H16 Cycloalkane A	ug/L															
C8H16 Cycloalkane B	ug/L															
C9H10 aromatic A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C9H10 Aromatic/C10H14 Aromatic	ug/L															
C9H18 Cycloalkane A	ug/L															
C10H12 aromatic A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C10H12 aromatic B	ug/L															
C10H12 aromatic C	ug/L															
C10H12 aromatic D	ug/L															
Cycloheptane, methyl- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cyclohexane A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cyclopentene, 4,4-dimethyl- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cyclopropane, 1-(2-methylbut)- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

TABLE 6.2

ANALYTICAL RESULTS SUMMARY OF DETECTED ANALYTES
HISTORIC - GROUNDWATER
LINDEN, NJ

Sample Location:				BEC-13S	BEC-13S	BEC-14S	BEC-14S	BEC-14S	BEC-14S	BEC-14S	BEC-14S	BEC-14S	HP-2	HP-3	HP-4	HP-5
Sample ID:				93089-2319	93089-2319	93089-2204	93089-2204	93089-2320	93089-2320	93089-2406	93089-2406	93089-2406	93089-2002	93089-2003	93089-2004	93089-2005
Sample Date:				8/9/95	8/9/95	4/20/95	4/20/95	8/10/95	8/10/95	3/12/96	3/12/96	3/12/96	12/6/93	12/7/93	12/7/93	12/7/93
Analysis Date:				8/9/95	8/15/95	4/20/95	5/1/95	8/10/95	8/16/95	3/12/96	3/13/96	3/25/96	12/6/93	12/7/93	12/7/93	12/7/93
Sample Depth:													(22-)	(15-)	(14-)	(19-)
Parameters	*Units*	*EPA*	*NJ*													
		a	b													
Cyclotetrasiloxane, octamethyl- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Diethylbenzene Isomer A	ug/L															
Diisopropyl ether A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dimethyl cyclohexane (isomers) A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dodecanamide, n,n-bis(2-hydroxyethyl)- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ether A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ethyl Methyl Benzene B	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ethylcyclobutane A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ethylmethyl benzene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ethylmethyl benzene B	ug/L															
Hexane A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
H-Indene-1-one, 2,3-dihydro- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Indan, 1-methyl- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Indane A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Naphthalene, 1,2,3,4-tetrahy A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tetrahydrofuran A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Toluene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trichloroethene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trimethylbenzene Isomer A	ug/L															
Trimethylbenzene Isomer B	ug/L															
Unknown A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown B	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown C	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown D	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown Aldehyde A	ug/L	-	-	-	-	-	4.0	-	-	-	-	-	-	-	-	-
Unknown Aldehyde B	ug/L															
Unknown Alkane A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown Alkane B	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown C10H20 A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown C8H16 A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown Hydrocarbon A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown Hydrocarbon B	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown isomer of trimethyl benzene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Xylene(ortho) A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Volatile TICS	ug/L			0	0	0	4	0	0	0	0	0	140	0	0	0

TABLE 6.2

ANALYTICAL RESULTS SUM OF DETECTED ANALYTES
HISTORIC - GROUNDWATER
LINDEN, NJ

Sample Location:				HP-6	HP-7	HP-7	HP-8	HP-8	HP-9	HP-10	PE-02	PE-03	PE-04	PE-05	PE-06	PE-07	PE-14
Sample ID:				93089-2001	93089-2002	93089-2003	93089-2004	93089-2007	93089-2005	93089-2006	UNKNOWN	UNKNOWN	UNKNOWN	UNKNOWN	UNKNOWN	UNKNOWN	UNKNOWN
Sample Date:				4/8/94	4/8/94	4/8/94	4/20/94	4/20/94	4/20/94	4/20/94	1/29/91	1/29/91	1/29/91	1/29/91	1/29/91	1/9/91	1/9/91
Analysis Date:				4/8/94	4/8/94	4/8/94	4/20/94	4/20/94	4/20/94	4/20/94	1/29/91	1/29/91	1/29/91	1/29/91	1/29/91	1/9/91	1/9/91
Sample Depth:				(10-)	(8-10)	(8-10)											
						Duplicate		Duplicate									
Parameters	Units	EPA a	NJ b														
Metals																	
Chromium	mg/L	0.1	0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Copper	mg/L	1.3	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Lead	mg/L	0.015	0.01	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Zinc	mg/L	10.95	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Semi-Volatiles																	
1,2-Dichlorobenzene	ug/L	600	600	-	-	-	-	-	-	-	-	-	-	-	-	ND	ND
1,3-Dichlorobenzene	ug/L	600	600	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,4-Dichlorobenzene	ug/L	75	75	-	-	-	-	-	-	-	-	-	-	-	-	ND	ND
2,2'-oxybis(1-Chloropropane)	ug/L	0.9604	300	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Methyl naphthalene	ug/L	730	100	-	-	-	-	-	-	-	-	-	-	-	-	ND	53 J
Acenaphthene	ug/L	2190	400	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Anthracene	ug/L	10950	2000	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzo(b)fluoranthene	ug/L	0.092098	10	-	-	-	-	-	-	-	-	-	-	-	-	86 J [ab]	ND
Benzo(k)fluoranthene	ug/L	0.92098	1	-	-	-	-	-	-	-	-	-	-	-	-	86 J [ab]	ND
bis(2-Chloroethyl)ether	ug/L	0.06112	10	-	-	-	-	-	-	-	-	-	-	-	-	-	-
bis(2-Ethylhexyl)phthalate	ug/L	6	30	-	-	-	-	-	-	-	-	-	-	-	-	200 J [ab]	ND
Di-n-butylphthalate	ug/L	3650	900	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Fluoranthene	ug/L	1460	300	-	-	-	-	-	-	-	-	-	-	-	-	250 J	ND
Fluorene	ug/L	1460	300	-	-	-	-	-	-	-	-	-	-	-	-	-	-
N-Nitrosodiphenylamine	ug/L	13.72	20	-	-	-	-	-	-	-	-	-	-	-	-	ND	ND
Naphthalene	ug/L	300	300	-	-	-	-	-	-	-	-	-	-	-	-	ND	ND
Phenanthrene	ug/L	1095	100	-	-	-	-	-	-	-	-	-	-	-	-	97 J	57 J
Pyrene	ug/L	1095	200	-	-	-	-	-	-	-	-	-	-	-	-	120 J	ND
Total Targeted Compounds	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	839	110
Semi-Volatile TICS																	
1,2,3,4-Tetrahydro-naphthalene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2,3,4-Tetramethyl-benzene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2,4-Trimethylbenzene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-Ethyl-2-methylbenzene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-Ethyl-4-methylbenzene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1H-Inden-1-one, 2,3-dihydro- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1H-Inden-1-one,2,3-dihydro- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,4,4-Trimethyl-2-pentene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene, 1,3,5-trimethyl- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene, 1-ethyl-2,3-dimethyl- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene, 1-methyl-3-propyl A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene, ethyl-1,2,4-trimeth A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzo(b)thiophene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Carbazole A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cyclohexanone A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cyclopropane, pentyl- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cyclotetrasiloxane, octamethyl- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dimethyl cyclohexane (isomers) A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dodecanamide, n,n-bis(2-hydroxyethyl)- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hexanedioic acid, mono(2-eth A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1H-Indene-1-one, 2,3-dihydro- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Indane A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tetrachloroethene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trichloroethene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown B	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown C	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown D	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Xylene(ortho) A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Semi-Volatile TICS	ug/L			0	0	0	0	0	0	0	0	0	0	0	0	0	0
Volatiles																	
1,1,1-Trichloroethane	ug/L	30	30	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	-	-	-	-	-	-	-
1,1,2-Trichloroethane	ug/L	3	3	ND (3)	ND (3)	ND (3)	ND (3)	ND (3)	ND (3)	ND (3)	-	-	-	-	-	-	-
1,1-Dichloroethane	ug/L	50	50	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	-	-	-	-	-	-	-
1,1-Dichloroethene	ug/L	2	2	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	-	-	-	-	-	-	-
1,2-Dichlorobenzene	ug/L	600	600	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	-	-	-	-	-	-	-
1,2-Dichloroethane	ug/L	2	2	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	-	-	-	-	-	-	-
1,3-Dichlorobenzene	ug/L	600	600	ND (5)	ND (5)	ND (5)	1 J	1 J	1 J	ND (5)	-	-	-	-	-	-	-
1,4-Dichlorobenzene	ug/L	75	75	ND (5)	ND (5)	ND (5)	ND (5)	2 J	1 J	1 J	-	-	-	-	-	-	-
2-Hexanone	ug/L	-	100	ND (20)	ND (20)	ND (20)	ND (20)	ND (20)	ND (20)	ND (20)	ND	ND	ND	ND	ND	-	-
4-Methyl-2-pentanone	ug/L	2920	400	ND (25)	ND (25)	ND (25)	ND (25)	ND (25)	ND (25)	ND (25)	ND	ND	ND	ND	ND	-	-
Acetone	ug/L	3650	700	ND (20)	8 J	8 J	8 J	ND (20)	100	10 J	-	-	-	-	-	-	-
Benzene	ug/L	1	1	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	-	-	-	-	-	-	-
Bromodichloromethane	ug/L	80	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bromoform	ug/L	80	4	ND (4)	ND (4)	ND (4)	ND (4)	ND (4)	ND (4)	ND (4)	-	-	-	-	-	-	-
Carbon disulfide	ug/L	3650	800	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	2 J	-	-	-	-	-	-	-
Chlorobenzene	ug/L	50	50	ND (4)	ND (4)	ND (4)	ND (4)	ND (4)	ND (4)	ND (4)	-	-	-	-	-	-	-
Chloroform (Trichloromethane)	ug/L	80	6	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	-	-	-	-	-	-	-

ANALYTICAL RESULTS SUM[illegible] OF DETECTED ANALYTES
HISTORIC - GROUNDWATER
LINDEN, NJ

Sample Location:				*HP-6*	*HP-7*	*HP-7*	*HP-8*	*HP-8*	*HP-9*	*HP-10*	*PE-02*	*PE-03*	*PE-04*	*PE-05*	*PE-06*	*PE-07*	*PE-14*
Sample ID:				*93089-2001*	*93089-2002*	*93089-2003*	*93089-2004*	*93089-2007*	*93089-2005*	*93089-2006*	*UNKNOWN*	*UNKNOWN*	*UNKNOWN*	*UNKNOWN*	*UNKNOWN*	*UNKNOWN*	*UNKNOWN*
Sample Date:				*4/8/94*	*4/8/94*	*4/8/94*	*4/20/94*	*4/20/94*	*4/20/94*	*4/20/94*	*1/29/91*	*1/29/91*	*1/29/91*	*1/29/91*	*1/29/91*	*1/9/91*	*1/9/91*
Analysis Date:				*4/8/94*	*4/8/94*	*4/8/94*	*4/20/94*	*4/20/94*	*4/20/94*	*4/20/94*	*1/29/91*	*1/29/91*	*1/29/91*	*1/29/91*	*1/29/91*	*1/9/91*	*1/9/91*
Sample Depth:				*(10-)*	*(8-10)*	*(8-10)*											
						Duplicate		*Duplicate*									
Parameters	*Units*	*EPA*	*NJ*														
		a	*b*														
cis-1,2-Dichloroethene	ug/L	70	70	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cyclobutane, 1,2-diethyl-	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ethylbenzene	ug/L	700	700	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	-	-	-	-	-	-	-
m&p-Xylene	ug/L	-	-	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND	47	ND	ND	ND	-	-
Methyl Tert Butyl Ether	ug/L	70	70	ND (5)	ND (5)	ND (5)	55	45	1 J	1 J	-	-	-	-	-	-	-
Methylene chloride	ug/L	3	3	4 [illegible]	ND (2)	ND (2)	ND (2)	2 J	2 J	1 J	-	-	-	-	-	-	-
o-Xylene	ug/L	-	-	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND	55	ND	ND	ND	-	-
Synthetic Organic Compounds (cancer)	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Synthetic Organic Compounds (non-cancer)	ug/L	-	-	ND (20)	ND (20)	-	ND (20)	-	ND (20)	ND (20)	ND	ND	ND	ND	ND	90	160
Tetrachloroethene	ug/L	1	1	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	-	-	-	-	-	-	-
Toluene	ug/L	1000	1000	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	-	-	-	-	-	-	-
Total Targeted Compounds	ug/L	-	-	-	-	-	-	-	-	-	24	102	ND	ND	ND	-	-
Total VOCS	ug/L	-	-	5	8	8	64	50	105	15	-	-	-	-	-	-	-
trans-1,2-Dichloroethene	ug/L	100	100	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	-	-	-	-	-	-	-
trans-1,3-Dichloropropene	ug/L	-	-	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	24 J	ND	ND	ND	ND	-	-
Trichloroethene	ug/L	1	1	1	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND	ND	ND	ND	ND	-	-
Vinyl chloride	ug/L	2	5	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	-	-	-	-	-	-	-
Xylene (total)	ug/L	1000	1000	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Volatile TICS																	
1,2,3,4-Tetramethyl-benzene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2,3,5-Tetramethylbenzene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2,3-Trimethylbenzene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2,4-Trimethylbenzene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2-Dichlorobenzene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,4-Hexdiene, 2,3-dimethyl- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,4-Methanonaphthalene, 1,4- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,4-Pentadiene, 2,3,4-trimet A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,4-Pentadiene, 2,3,4-trimet B	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-Ethenyl-2-methyl-benzene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-Ethyl-2-methylbenzene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-Ethyl-3-methylbenzene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-Ethyl-4-methylbenzene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-Ethyl-4-methylbenzene B	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-Hexane, 5,5-dimethyl- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-Methylethyl-benzene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-Methylethyl-benzene B	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-Pentene, 3,4-dimethyl- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1H-Inden-1-one, 2,3-dihydro- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1H-Inden-1-one, 2,3-dihydro- B	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1H-Inden-5-ol, 2,3-dihydro- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1H-Indene, 2,3-dihydro-1,2-d A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1H-Indene, 2,3-dihydro-1,6-d A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1H-Indene, 2,3-dihydro-4-met A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1H-Pyrazole, 4,5-dihydro-1,5 A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Methyl naphthalene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Methylbutane A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Methylpentane A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,3-dihydro-dimethyl-1H-Indene Isomer A	ug/L																
3-Hexene, 2,2-dimethyl-, (Z)- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3-Hipten-2-one A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Ethyl-1,2-dimethylbenzene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Acetone A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene, 1,2,4,5-tetramethyl A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene, 1,2-diethyl- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene, 1-ethyl-2,3-dimethyl- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene, 1-ethylpropyl- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene, 1-methyl-3-(1-methylethyl)- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene, 1-methyl-3-(1-methylethyl)- B	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene, 1-methyl-3-propyl A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene, 1-methylpropyl- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene, 2-ethenyl-1,4-dimet A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene, 2-ethly-1,4-dimethy A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzyl Alcohol A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Butane, 1-(1-methylpropoxy)- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Butane, 2-ethoxy- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C6H14 Alkane A	ug/L																
C8H14 Hydrocarbon A	ug/L																
C8H16 Cycloalkane A	ug/L																
C8H16 Cycloalkane B	ug/L																
C9H10 aromatic A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C9H10 Aromatic/C10H14 Aromatic	ug/L																
C9H18 Cycloalkane A	ug/L																
C10H12 aromatic A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C10H12 aromatic B	ug/L																
C10H12 aromatic C	ug/L																
C10H12 aromatic D	ug/L																
Cycloheptane, methyl- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cyclohexane A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cyclopentene, 4,4-dimethyl- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cyclopropane, 1-(2-methylbut)- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

TABLE 6.2

ANALYTICAL RESULTS SUM[illegible] OF DETECTED ANALYTES
HISTORIC - GROUNDWATER
LINDEN, NJ

Sample Location:				*HP-6*	*HP-7*	*HP-7*	*HP-8*	*HP-8*	*HP-9*	*HP-10*	*PE-02*	*PE-03*	*PE-04*	*PE-05*	*PE-06*	*PE-07*	*PE-14*
Sample ID:				93089-2001	93089-2002	93089-2003	93089-2004	93089-2007	93089-2005	93089-2006	UNKNOWN	UNKNOWN	UNKNOWN	UNKNOWN	UNKNOWN	UNKNOWN	UNKNOWN
Sample Date:				4/8/94	4/8/94	4/8/94	4/20/94	4/20/94	4/20/94	4/20/94	1/29/91	1/29/91	1/29/91	1/29/91	1/29/91	1/9/91	1/9/91
Analysis Date:				4/8/94	4/8/94	4/8/94	4/20/94	4/20/94	4/20/94	4/20/94	1/29/91	1/29/91	1/29/91	1/29/91	1/29/91	1/9/91	1/9/91
Sample Depth:				(10-)	(8-10)	(8-10)											
						Duplicate		*Duplicate*									
Parameters	*Units*	*EPA* a	*NJ* b														
Cyclotetrasiloxane, octamethyl- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Diethylbenzene Isomer A	ug/L																
Diisopropyl ether A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dimethyl cyclohexane (isomers) A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dodecanamide, n,n-bis(2-hydroxyethyl)- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ether A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ethyl Methyl Benzene B	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ethylcyclobutane A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ethylmethyl benzene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ethylmethyl benzene B	ug/L																
Hexane A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1H-Indene-1-one, 2,3-dihydro- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Indan, 1-methyl- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Indane A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Naphthalene, 1,2,3,4-tetrahy A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tetrahydrofuran A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Toluene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trichloroethene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trimethylbenzene Isomer A	ug/L																
Trimethylbenzene Isomer B	ug/L																
Unknown A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown B	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown C	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown D	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown Aldehyde A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown Aldehyde B	ug/L																
Unknown Alkane A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown Alkane B	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown C10H20 A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown C8H16 A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown Hydrocarbon A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown Hydrocarbon B	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown isomer of trimethyl benzene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Xylene(ortho) A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Volatile TICS	ug/L			55	0	0	0	0	0	0	0	0	0	0	0	0	0

TABLE 6.2

ANALYTICAL RESULTS SUMMARY OF DETECTED ANALYTES
HISTORIC - GROUNDWATER
LINDEN, NJ

Sample Location:				PE-21	PE-29	PE-36	PE-42	PE-46	PE-53	PE-54	PE-55	PE-64	PE-65	PE-66	PE-69
Sample ID:				UNKNOWN	UNKNOWN	UNKNOWN	UNKNOWN	UNKNOWN	UNKNOWN	UNKNOWN	UNKNOWN	UNKNOWN	UNKNOWN	UNKNOWN	UNKNOWN
Sample Date:				1/9/91	1/9/91	1/9/91	1/10/91	1/10/91	1/10/91	1/10/91	1/10/91	1/10/91	1/10/91	1/10/91	1/10/91
Analysis Date:				1/9/91	1/9/91	1/9/91	1/10/91	1/10/91	1/10/91	1/10/91	1/10/91	1/10/91	1/10/91	1/10/91	1/10/91
Sample Depth:															
Parameters	**Units**	**EPA** a	**NJ** b												
Metals															
Chromium	mg/L	0.1	0.1	-	-	-	-	-	-	-	-	-	-	-	-
Copper	mg/L	1.3	1	-	-	-	-	-	-	-	-	-	-	-	-
Lead	mg/L	0.015	0.01	-	-	-	-	-	-	-	-	-	-	-	-
Zinc	mg/L	10.95	5	-	-	-	-	-	-	-	-	-	-	-	-
Semi-Volatiles															
1,2-Dichlorobenzene	ug/L	600	600	ND	560	ND	ND	-	ND	-	-	ND	-	-	-
1,3-Dichlorobenzene	ug/L	600	600	-	-	-	-	-	-	-	-	-	-	-	-
1,4-Dichlorobenzene	ug/L	75	75	ND	320 J[ab]	ND	ND	-	ND	-	-	ND	-	-	-
2,2-oxybis(1-Chloropropane)	ug/L	0.9604	300	-	-	-	-	-	-	-	-	-	-	-	-
2-Methyl naphthalene	ug/L	730	100	180 J[b]	1500[ab]	ND	80 J	-	ND	-	-	ND	-	-	-
Acenaphthene	ug/L	2190	400	-	-	-	-	-	-	-	-	-	-	-	-
Anthracene	ug/L	10950	2000	-	-	-	-	-	-	-	-	-	-	-	-
Benzo(b)fluoranthene	ug/L	0.092098	10	ND	ND	ND	ND	-	ND	-	-	ND	-	-	-
Benzo(k)fluoranthene	ug/L	0.92098	1	ND	ND	ND	ND	-	ND	-	-	ND	-	-	-
bis-(2-Chloroethyl)ether	ug/L	0.06112	10	-	-	-	-	-	-	-	-	-	-	-	-
bis(2-Ethylhexyl)phthalate	ug/L	6	30	ND	ND	ND	ND	-	57 J[ab]	-	-	ND	-	-	-
Di-n-butylphthalate	ug/L	3650	900	-	-	-	-	-	-	-	-	-	-	-	-
Fluoranthene	ug/L	1460	300	ND	200 J	ND	ND	-	ND	-	-	ND	-	-	-
Fluorene	ug/L	1460	300	-	-	-	-	-	-	-	-	-	-	-	-
N-Nitrosodiphenylamine	ug/L	13.72	20	ND	1500[ab]	ND	ND	-	ND	-	-	ND	-	-	-
Naphthalene	ug/L	300	300	47 J	ND	ND	ND	-	ND	-	-	ND	-	-	-
Phenanthrene	ug/L	1095	100	260 J[b]	530[b]	ND	ND	-	ND	-	-	ND	-	-	-
Pyrene	ug/L	1095	200	ND	ND	ND	ND	-	ND	-	-	ND	-	-	-
Total Targeted Compounds	ug/L	-	-	487	4610	ND	80	-	57	-	-	ND	-	-	-
Semi-Volatile TICS															
1,2,3,4-Tetrahydro-naphthalene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2,3,4-Tetramethyl-benzene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2,4-Trimethylbenzene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-Ethyl-2-methylbenzene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-Ethyl-4-methylbenzene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1H-Inden-1-one, 2,3-dihydro- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1H-Inden-1-one,2,3-dihydro- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,4,4-Trimethyl-2-pentene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene, 1,3,5-trimethyl- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene, 1-ethyl-2,3-dimethyl- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene, 1-methyl-3-propyl A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene, ethyl-1,2,4-trimeth A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzo(b)thiophene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Carbazole A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cyclohexanone A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cyclopropane, pentyl- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cyclotetrasiloxane, octamethyl- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dimethyl cyclohexane (isomers) A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dodecanamide, n,n-bis(2-hydroxyethyl)- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hexanedioic acid, mono(2-eth A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1H-Indene-1-one, 2,3-dihydro- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Indane A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tetrachloroethene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trichloroethene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown B	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown C	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown D	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Xylene(ortho) A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Semi-Volatile TICS	ug/L			0	0	0	0	0	0	0	0	0	0	0	0
Volatiles															
1,1,1-Trichloroethane	ug/L	30	30	-	-	-	-	-	-	-	-	-	-	-	-
1,1,2-Trichloroethane	ug/L	3	3	-	-	-	-	-	-	-	-	-	-	-	-
1,1-Dichloroethane	ug/L	50	50	-	-	-	-	-	-	-	-	-	-	-	-
1,1-Dichloroethene	ug/L	2	2	-	-	-	-	-	-	-	-	-	-	-	-
1,2-Dichlorobenzene	ug/L	600	600	-	-	-	-	-	-	-	-	-	-	-	-
1,2-Dichloroethane	ug/L	2	2	-	-	-	-	-	-	-	-	-	-	-	-
1,3-Dichlorobenzene	ug/L	600	600	-	-	-	-	-	-	-	-	-	-	-	-
1,4-Dichlorobenzene	ug/L	75	75	-	-	-	-	-	-	-	-	-	-	-	-
2-Hexanone	ug/L	-	100	-	-	-	-	ND	-	3 0 J	ND	-	ND	ND	ND
4-Methyl-2-pentanone	ug/L	2920	400	-	-	-	-	ND	-	ND	2.4 J	-	ND	ND	ND
Acetone	ug/L	3650	700	-	-	-	-	-	-	-	-	-	-	-	-
Benzene	ug/L	1	1	-	-	-	-	-	-	-	-	-	-	-	-
Bromodichloromethane	ug/L	80	1	-	-	-	-	-	-	-	-	-	-	-	-
Bromoform	ug/L	80	4	-	-	-	-	-	-	-	-	-	-	-	-
Carbon disulfide	ug/L	3650	800	-	-	-	-	-	-	-	-	-	-	-	-
Chlorobenzene	ug/L	50	50	-	-	-	-	-	-	-	-	-	-	-	-
Chloroform (Trichloromethane)	ug/L	80	6	-	-	-	-	-	-	-	-	-	-	-	-

TABLE 6.2

ANALYTICAL RESULTS SUM[illegible] OF DETECTED ANALYTES
HISTORIC - GROUNDWATER
LINDEN, NJ

Sample Location:				*PE-21*	*PE-29*	*PE-36*	*PE-42*	*PE-46*	*PE-53*	*PE-54*	*PE-55*	*PE-64*	*PE-65*	*PE-66*	*PE-69*
Sample ID:				*UNKNOWN*	*UNKNOWN*	*UNKNOWN*	*UNKNOWN*	*UNKNOWN*	*UNKNOWN*	*UNKNOWN*	*UNKNOWN*	*UNKNOWN*	*UNKNOWN*	*UNKNOWN*	*UNKNOWN*
Sample Date:				*1/9/91*	*1/9/91*	*1/9/91*	*1/10/91*	*1/10/91*	*1/10/91*	*1/10/91*	*1/10/91*	*1/10/91*	*1/10/91*	*1/10/91*	*1/10/91*
Analysis Date:				*1/9/91*	*1/9/91*	*1/9/91*	*1/10/91*	*1/10/91*	*1/10/91*	*1/10/91*	*1/10/91*	*1/10/91*	*1/10/91*	*1/10/91*	*1/10/91*
Sample Depth:															
Parameters	*Units*	*EPA*	*NJ*												
		a	b												
cis-1,2-Dichloroethene	ug/L	70	70	-	-	-	-	-	-	-	-	-	-	-	-
Cyclobutane, 1,2-diethyl-	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ethylbenzene	ug/L	700	700	-	-	-	-	-	-	-	-	-	-	-	-
m&p-Xylene	ug/L	-	-	-	-	-	-	ND	-	ND	ND	-	3.0 J	ND	ND
Methyl Tert Butyl Ether	ug/L	70	70	-	-	-	-	-	-	-	-	-	-	-	-
Methylene chloride	ug/L	3	3	-	-	-	-	-	-	-	-	-	-	-	-
o-Xylene	ug/L	-	-	-	-	-	-	ND	-	ND	ND	-	ND	ND	ND
Synthetic Organic Compounds (cancer)	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Synthetic Organic Compounds (non-cancer)	ug/L	-	-	620	3530	ND	160	ND	ND	3	ND	ND	ND	ND	ND
Tetrachloroethene	ug/L	1	1	-	-	-	-	-	-	-	-	-	-	-	-
Toluene	ug/L	1000	1000	-	-	-	-	-	-	-	-	-	-	-	-
Total Targeted Compounds	ug/L	-	-	-	-	-	-	ND	-	3.0	2.4	-	6.4	3.1	ND
Total VOCS	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
trans-1,2-Dichloroethene	ug/L	100	100	-	-	-	-	-	-	-	-	-	-	-	-
trans-1,3-Dichloropropene	ug/L	-	-	-	-	-	-	ND	-	ND	ND	-	ND	ND	ND
Trichloroethene	ug/L	1	1	-	-	-	-	ND	-	ND	ND	-	3.4 J*	3.1 J*	ND
Vinyl chloride	ug/L	2	5	-	-	-	-	-	-	-	-	-	-	-	-
Xylene (total)	ug/L	1000	1000	-	-	-	-	-	-	-	-	-	-	-	-
Volatile TICS															
1,2,3,4-Tetramethyl-benzene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2,3,5-Tetramethylbenzene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2,3-Trimethylbenzene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2,4-Trimethylbenzene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2-Dichlorobenzene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,4-Hexdiene, 2,3-dimethyl- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,4-Methanonaphthalene, 1,4- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,4-Pentadiene, 2,3,4-trimet A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,4-Pentadiene, 2,3,4-trimet B	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-Ethenyl-2-methyl-benzene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-Ethyl-2-methylbenzene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-Ethyl-3-methylbenzene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-Ethyl-4-methylbenzene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-Ethyl-4-methylbenzene B	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-Hexane, 5,5-dimethyl- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-Methylethyl-benzene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-Methylethyl-benzene B	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-Pentene, 3,4-dimethyl- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1H-Inden-1-one, 2,3-dihydro- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1H-Inden-1-one, 2,3-dihydro- B	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1H-Inden-5-ol, 2,3-dihydro- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1H-Indene, 2,3-dihydro-1,2-d A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1H-Indene, 2,3-dihydro-1,6-d A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1H-Indene, 2,3-dihydro-4-met A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1H-Pyrazole, 4,5-dihydro-1,5 A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Methyl naphthalene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Methylbutane A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Methylpentane A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,3-dihydro-dimethyl-1H-Indene Isomer A	ug/L														
3-Hexene, 2,2-dimethyl-, (Z)- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3-Hepten-2-one A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Ethyl-1,2-dimethylbenzene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Acetone A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene, 1,2,4,5-tetramethyl A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene, 1,2-diethyl- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene, 1-ethyl-2,3-dimethyl- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene, 1-ethylpropyl- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene, 1-methyl-3-(1-methylethyl)- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene, 1-methyl-3-(1-methylethyl)- B	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene, 1-methyl-3-propyl A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene, 1-methylpropyl- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene, 2-ethenyl-1,4-dimet A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene, 2-ethly-1,4-dimethy A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzyl Alcohol A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Butane, 1-(1-methylproxoxy)- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Butane, 2-ethoxy- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C6H14 Alkane A	ug/L														
C8H14 Hydrocarbon A	ug/L														
C8H16 Cycloalkane A	ug/L														
C8H16 Cycloalkane B	ug/L														
C9H10 aromatic A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C9H10 Aromatic/C10H14 Aromatic	ug/L														
C9H18 Cycloalkane A	ug/L														
C10H12 aromatic A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C10H12 aromatic B	ug/L														
C10H12 aromatic C	ug/L														
C10H12 aromatic D	ug/L														
Cycloheptane, methyl- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cyclohexane A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cyclopentene, 4,4-dimethyl- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cyclopropane, 1-(2-methylbut)- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-

TABLE 6.2

ANALYTICAL RESULTS SUM OF DETECTED ANALYTES
HISTORIC - GROUNDWATER
LINDEN, NJ

Sample Location:				*PE-21*	*PE-29*	*PE-36*	*PE-42*	*PE-46*	*PE-53*	*PE-54*	*PE-55*	*PE-64*	*PE-65*	*PE-66*	*PE-69*
Sample ID:				*UNKNOWN*	*UNKNOWN*	*UNKNOWN*	*UNKNOWN*	*UNKNOWN*	*UNKNOWN*	*UNKNOWN*	*UNKNOWN*	*UNKNOWN*	*UNKNOWN*	*UNKNOWN*	*UNKNOWN*
Sample Date:				1/8/91	1/8/91	1/8/91	1/10/91	1/10/91	1/10/91	1/10/91	1/10/91	1/10/91	1/10/91	1/10/91	1/10/91
Analysis Date:				1/8/91	1/8/91	1/8/91	1/10/91	1/10/91	1/10/91	1/10/91	1/10/91	1/10/91	1/10/91	1/10/91	1/10/91
Sample Depth:															
Parameters	*Units*	*EPA* a	*NJ* b												
Cyclotetrasiloxane, octamethyl- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Diethylbenzene Isomer A	ug/L														
Diisopropyl ether A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dimethyl cyclohexane (isomers) A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dodecanamide, n,n-bis-(2-hydroxyethyl)- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ether A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ethyl Methyl Benzene B	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ethylcyclobutane A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ethylmethyl benzene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ethylmethyl benzene B	ug/L														
Hexane A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1H-Indene-1-one, 2,3-dihydro- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Indan, 1-methyl- A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Indane A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Naphthalene, 1,2,3,4-tetrahy A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tetrahydrofuran A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Toluene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trichloroethene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trimethylbenzene Isomer A	ug/L														
Trimethylbenzene Isomer B	ug/L														
Unknown A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown B	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown C	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown D	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown Aldehyde A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown Aldehyde B	ug/L														
Unknown Alkane A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown Alkane B	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown C10H20 A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown C8H16 A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown Hydrocarbon A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown Hydrocarbon B	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown isomer of trimethyl benzene A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Xylene(ortho) A	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Volatile TICS	ug/L			0	0	0	0	0	0	0	0	0	0	0	0

TABLE 7.1
SUMMARY OF PREVIOUS INVESTIGATION ACTIVITIES FOR EACH AREA OF INTEREST

AOI 16:

INVESTIGATION REPORT	SUMMARY OF DATA
Underground Storage Tank Removal and Soil Excavation Program – May 1989 (BELL)	Subsequent to the removal of eight USTs and associated soil contamination, BELL obtained nine post-excavation (PE) soil samples along the sidewalls of the excavation (PE-1 through PE-4 and PE-7 through PE-11) and immediately above the saturated zone at the excavation bottom (PE-5 and PE-6). Samples were submitted for analysis of total petroleum hydrocarbons (TPH) and Volatile Organic Compounds (VOCs) plus fifteen unknown peaks (VO+15). Results indicated VO+15 and TPH levels below the NJDEP Impact to Groundwater Soil Cleanup Criteria (PE-5 and PE-6 exceeded IGWSCC for xylenes). Due to the presence of soil contamination, GM notified the NJDEP of a discharge (NJDEP case number 89-03-10-1237) and was directed to undertake an investigation designed to comply with the NJDEP Discharge Investigation and Corrective Action Report (DICAR) Requirements
Discharge Investigation and Corrective Action Report (DICAR)– March 1990 (BELL)	In order to further delineate the VO+15 contamination detected in the previous sampling event, BELL installed four additional shallow exploratory groundwater monitoring wells (BEC-6S through BEC-9S) in the shallow overburden aquifer and two intermediate groundwater monitoring wells (BEC-1D and BEC-2D) screened in the deep overburden aquifer. Samples were obtained from groundwater monitoring wells (BEC-2S, BEC-3S, BEC-5S through BEC-9S, BEC-1D, and BEC-2D) for analysis of VO+15, BN+15, lead, and polychlorinated biphenyls (PCBs). These groundwater results indicated lead (BEC-2S, BEC-5S through BEC-8S, BEC-1D, and BEC-2D), 1,1- dichloroethene (BEC-9S), tetrachloroethene (BEC-9S), and trichloroethene (BEC-9S, BEC-1D, and BEC-2D) above the NJDEP Specific Groundwater Quality Criteria for Class II-A Groundwaters. LNAPL was present on the

	groundwater surface in BEC-1S.
Phase II DICAR – April 1991 (BELL)	Per NJDEP requirements, BELL completed five exploratory soil borings in the vicinity of the former UST excavation to assess the presence and/or migration of contaminants within the former excavation. Samples were submitted for analysis of VO+10. Results indicated no detected compounds. BELL also installed four additional shallow exploratory groundwater-monitoring wells (BEC-10S through BEC-13S) and two additional deep overburden groundwater wells (BEC-3D and BEC-4D). Groundwater samples were obtained from all on-site monitoring wells, with the exception of BEC-1S (LNAPL layer detected at the water table), for analysis of VO+15 and BN+15. Results indicated benzene (BEC-5S), 1,2-dichloroethane (BEC-9S, BEC-1D and BEC-2D), trichloroethene (BEC-9S, BEC-1D, BEC-2D, and BEC-4D), 1,2-dichloroethane (BEC-1D and BEC-2), 1,1,1-trichloroethane (BEC-4D), chloroform (BEC-12S, BEC-3D, and BEC-4S), tetrachloroethene (BEC-1D and BEC-2D), and chlorobenzene (BEC-1D) above NJDEP Specific Groundwater Quality Criteria for Class II-A Groundwaters.
Remedial Action Workplans and Addendums – 1994, 1995, 1996 (BELL)	BELL prepared three RAW documents for recovery of free-product from monitoring well BEC-1S and a proposal for natural attenuation with a Classification Exception Area submittal for groundwater. BELL implemented free-product recovery using a passive hydrophobic recovery system as per the RAW. Free-product recovery was terminated once free-product was no longer being recovered. NJDEP issued a No Further Action approval letter for the petroleum hydrocarbon USTs in June 1996.
Remedial Investigation Report – March 1997 (BELL)	Remedial Investigation activities were conducted at the site to address environmental issues raised by NJDEP related to the presence of chlorinated organic compounds in the groundwater. Nine additional monitoring wells were installed in the deep overburden (Wells BEC-5D through BEC-9D) and shallow bedrock (BEC-1B through BEC-4B) at the site. Soil samples were collected and four piezometers were also installed. Remedial

	Investigation activities conducted from June 1995 through November 1996 investigated the presence and distribution of chlorinated organic compounds in the groundwater at the GM site. The investigation included soil sampling in potential areas where these compounds could be present and which could represent source areas for impacts to groundwater quality.

NEW JERSEY PRELIMINARY ASSESSMENT REPORT WITH CROSS REFERENCE

APPENDIX A

REFERENCES

APPENDIX C

REFERENCES, GM - LINDEN

1. BELL Environmental, May 1989, Underground Storage Tank Removal and Soil Excavation Program
2. BELL Environmental, March 1990, Discharge Investigation and Corrective Action Report (DICAR)
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7. BELL Environmental, March 1997, Remedial Investigation Report
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11. DAMES AND MOORE, May, 1998, Corrective Measures Study Rahway Plant; Volumes I-III
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13. DAMES AND MOORE, November, 1999, Hydrogeologic Assessment Report for Monitoring Wells MW-30MP and MW-34MP and Recovery Well RW-1
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15. DAMES AND MOORE, Feb. 2000, Responses to NJDEP Comments on Hydrogeologic Assessment Report for Monitoring Wells MW30MP and MW-34MP and Recovery Well RW-1
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20. GENERAL MOTORS, April 11, 2001, Discharge Prevention, Containment and Countermeasure Plan and Discharge Clean-up and Removal Plan
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26. NJDEP, September 13, 1999, NJDEP letter to USEPA re: second quarter 1999 Quarterly Ground Water Sampling Report
27. NJDEP, NJDEP internal memo re: Safety-Kleen's internal financial embezzlement, 3/16/00 NJDEP site visit; ground water treatment, and yield of new extraction well

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31. SAFETY-KLEEN, July 21, 1997, Safety-Kleen letter to NJDEP re: NJDEP letter dated 2/19/1997
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34. SAFETY-KLEEN, April 27, 1998, RCRA Corrective Action Quarterly Progress Report for January 1998 through April 1998
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LOGS FOR MONITORING WELLS AND SOIL BORINGS

APPENDIX D

GM -Linden Facility List of BELL Boring Logs

Shallow Monitoring Wells			Deep Overburden Monitoring Wells			Bedrock Monitoring Wells		
Designation	Depth	Location of Boring	Designation	Depth	Location of Boring	Designation	Depth	Location of Boring
BEC-1S	20.6	1990 DICAR	BEC-1D	50	1990 DICAR	BEC-1B	50	1997 RIR
BEC-2S	17	1990 DICAR	BEC-2D	50	1990 DICAR	BEC-2B	60	1997 RIR
BEC-3S	18	1990 DICAR	BEC-3D	45	1991 Phase II DICAR	BEC-3B	50	1997 RIR
BEC-4S	20.6	1990 DICAR	BEC-4D	42	1991 Phase II DICAR	BEC-4B	58	1997 RIR
BEC-5S	18	1990 DICAR	BEC-5D	25	1997 RIR			
BEC-6S	20	1990 DICAR	BEC-6D	20	1997 RIR			
BEC-7S	19	1990 DICAR	BEC-7D	26	1997 RIR			
BEC-8S	20	1990 DICAR	BEC-8D	20	1997 RIR			
BEC-9S	20	1990 DICAR	BEC-9D	23	1997 RIR			
BEC-10S	20	1991 Phase II DICAR						
BEC-11S	20	1991 Phase II DICAR						
BEC-12S	20	1991 Phase II DICAR						
BEC-12S	20	1991 Phase II DICAR						

Soil Borings								
Designation	Depth	Location of Boring	Designation	Depth	Location of Boring	Designation	Depth	Location of Boring
B-1	15	1991 Phase II DICAR	SB-7/P-4	32.5	1997 RIR	SB-18/P-1	17	1997 RIR
B-2	15	1991 Phase II DICAR	SB-8	28.5	1997 RIR	SB-19	9	1997 RIR
B-3	15	1991 Phase II DICAR	SB-9	9	1997 RIR	SB-20	11	1997 RIR
B-4	15	1991 Phase II DICAR	SB-10	25	1997 RIR	SB-21	12	1997 RIR
B-5	15	1991 Phase II DICAR	SB-11	9	1997 RIR	SB-22	16	1997 RIR
SB-1	26	1997 RIR	SB-12	10	1997 RIR	SB-23	14	1997 RIR
SB-2	28	1997 RIR	SB-13	18	1997 RIR	SB-24/P-2	13	1997 RIR

UNCONSOLIDATED FORMATIONS
EXPLORATORY DRILLING LOG

SHEET 1 OF 2

LOCATION BEC-1S

PROJECT: General Motors		DRILLING FIRM: McGinnis Drilling
PROJECT NO. 89-001-03	LOGGED BY: M. Luksic	EQUIPMENT: Gus Pech Brat 22R
DATE STARTED: August 22, 1989	DATE FINISHED: August 22, 1989	DRILLER: J. Scribellito

EQUIPMENT DATA				GROUNDWATER DATA				SAMPLE DATA		
	CASING	SAMPLER	CORE	DEPTH	DATE	TIME	REFERENCE	DIST.	UNDIST.	CORE
TYPE	HSA	-	-				Notch in PVC	X		
DIAMETER	6 5/8	-	-							
WEIGHT	-	-	-							
FALL	-	-	-							

ELEVATION DATA			
	GROUND	CASING	DATUM
ELEV.			MSL

WELL LOG	GRAPHIC LOG	DEPTH	BLOW COUNTS	RECOVERY (FT.)	SAMPLE NUMBER	DESCRIPTION	REMARKS
						0'0"	
		0				ASPHALT 0'6"	
		1					
		2				yl-br f S	
		3					
		4					
		5					
		6					
		7				Yellow-brown Sand FILL	
		8					
		9					
		10					
		11				yl-br f S	
		12					
		13					
		14					Soil Sample wet @ 14'0"
		15				15'0"	
		16				Rd-br C	
		17				Red-brown CLAY (CL)	* slight odors
		18					

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UNCONSOLIDATED FORMATIONS
EXPLORATORY DRILLING LOG

LOCATION BEC-1S

SHEET 2 OF 2

PROJECT: General Motors

PROJECT NO. 89-001-03

WELL LOG	GRAPHIC LOG	DEPTH	BLOW COUNTS	RECOVERY (FT.)	SAMPLE NUMBER	DESCRIPTION	REMARKS
		19				Rd-br C Red-brown CLAY (CL) 20'6"	
		20					
		21				End of Boring @ 20'6" Well Construction Data Screen: 4" dia., Sch. 40, 20-slot PVC Riser: 4" dia., sch. 40 PVC Sand: Jessie Morie #2 Grout: Cement with bentonite Permit # 26-16441-8	

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UNCONSOLIDATED FORMATIONS
EXPLORATORY DRILLING LOG

SHEET 1 OF 2

LOCATION BEC-2S

PROJECT: General Motors		DRILLING FIRM: McGinnis Drilling
PROJECT NO. 89-001-03	LOGGED BY: M. Luksic	EQUIPMENT: Gus Pech Brat 22R
DATE STARTED: August 23, 1989	DATE FINISHED: August 23, 1989	DRILLER: J. Scribellito

EQUIPMENT DATA				GROUNDWATER DATA				SAMPLE DATA		
	CASING	SAMPLER	CORE	DEPTH	DATE	TIME	REFERENCE	DIST.	UNDIST.	CORE
TYPE	HSA	-	-				Notch in PVC	X	-	-
DIAMETER	6 5/8	-	-					ELEVATION DATA		
WEIGHT	-	-	-						GROUND	CASING	DATUM
FALL	-	-	-					ELEV.			MSL

WELL LOG	GRAPHIC LOG	DEPTH	BLOW COUNTS	RECOVERY (FT.)	SAMPLE NUMBER	DESCRIPTION	REMARKS
		0				0'0"	
		1				Rd-br C Red-brown CLAY (CL)	
		2					
		3					
		4					
		5					
		6					
		7					
		8				8'0"	
		9				Rd-br fS, a.(+)C Red-Brown Well Graded SAND and CLAY (SP/CL)	Cuttings are wet @ 10'0"
		10					
		11					
		12				12'0"	
		13				Rd-br C Red-brown CLAY (CL)	
		14					
		15					
		16					
		17				17'0"	
		18				End of Boring @ 17'0"	

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UNCONSOLIDATED FORMATIONS
EXPLORATORY DRILLING LOG

LOCATION BEC-2S

SHEET 2 OF 2

PROJECT NO. 89-001-03

PROJECT: General Motors

WELL LOG	GRAPHIC LOG	DEPTH	BLOW COUNTS	RECOVERY (FT.)	SAMPLE NUMBER	DESCRIPTION	REMARKS
						Well Construction Data Screen: 4" dia., sch. 40, 20 slot PVC Riser: 4" dia., sch. 40 PVC Sand: Jessie Morie #2 Grout: Cement with bentonite Permit # 26-16456-6	

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UNCONSOLIDATED FORMATIONS
EXPLORATORY DRILLING LOG

SHEET 1 OF 2

LOCATION BEC-3S

PROJECT: General Motors		DRILLING FIRM: McGinnis Drilling
PROJECT NO. 89-001-03	LOGGED BY: M. Luksic	EQUIPMENT: Gus Pech Brat 22R
DATE STARTED: August 22, 1989	DATE FINISHED: August 22, 1989	DRILLER: J. Scribellito

EQUIPMENT DATA	CASING	SAMPLER	CORE
TYPE	HSA	-	-
DIAMETER	6 5/8"	-	-
WEIGHT	-	-	-
FALL	-	-	-

GROUNDWATER DATA	DEPTH	DATE	TIME	REFERENCE
				Notch in PVC

SAMPLE DATA	DIST.	UNDIST.	CORE
	X	-	-

ELEVATION DATA	GROUND	CASING	DATUM
ELEV.			MSL

WELL LOG / GRAPHIC LOG	DEPTH	BLOW COUNTS	RECOVERY (FT.)	SAMPLE NUMBER	DESCRIPTION	REMARKS
					0'0"	
	0				ASPHALT 0'6"	
	1				Brown Sand FILL 2'0:	
	2					
	3					
	4				Rd-br C	
	5					
	6				Red-Brown CLAY (CL)	
	7					
	8					
	9					
	10				Rd-br C	
	11					Cuttings are wet @ 11'0"
	12					
	13					
	14				Red-Brown CLAY (CL)	
	15					
	16					
	17				18'0"	
	18				End of Boring @ 18'0"	

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UNCONSOLIDATED FORMATIONS
EXPLORATORY DRILLING LOG

SHEET 2 OF 2

LOCATION BEC-3S

PROJECT: General Motors

PROJECT NO. 89-001-03

WELL LOG	GRAPHIC LOG	DEPTH	BLOW COUNTS	RECOVERY (FT.)	SAMPLE NUMBER	DESCRIPTION	REMARKS
						Well Construction Data Screen: 4" dia., Sch. 40, 20 slot PVC Riser: 4" dia., Sch. 40 PVC Sand: Jessie Morie #2 Grout: Cement with bentonite Permit #26-16457-4	

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UNCONSOLIDATED FORMATIONS
EXPLORATORY DRILLING LOG

SHEET 1 OF 2

LOCATION BEC-4S

PROJECT: General Motors		DRILLING FIRM: McGinnis Drilling	
PROJECT NO. 89-001-03	LOGGED BY: M. Luksic	EQUIPMENT: Gus Pech Brat 22R	
DATE STARTED: August 23, 1989	DATE FINISHED: August 23, 1989	DRILLER: J. Scribellito	

EQUIPMENT DATA

	CASING	SAMPLER	CORE
TYPE	HSA	–	–
DIAMETER	6 5/8	–	–
WEIGHT	–	–	–
FALL	–	–	–

GROUNDWATER DATA

DEPTH	DATE	TIME	REFERENCE
			Notch in PVC

SAMPLE DATA

DIST.	UNDIST.	CORE
X	–	–

ELEVATION DATA

	GROUND	CASING	DATUM
ELEV.			MSL

WELL LOG	GRAPHIC LOG	DEPTH	BLOW COUNTS	RECOVERY (FT.)	SAMPLE NUMBER	DESCRIPTION	REMARKS
						0'0"	
		0				ASPHALT 0'6"	
		1					
		2				Rd-br fS a.(+)C	
		3					
		4				Red-brown Clayey SAND (SP/CL)	
		5					
		6					
		7					
		8					
						9'0"	
		9					Cuttings are wet @ 10'6"
		10					
		11				Rd-br C	
		12				Red-brown CLAY (CL)	
		13					
		14					
		15					
		16					
		17					
		18					

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UNCONSOLIDATED FORMATIONS

EXPLORATORY DRILLING LOG

SHEET 2 OF 2

LOCATION BEC-4S

PROJECT: General Motors

PROJECT NO. 89-001-03

WELL LOG	GRAPHIC LOG	DEPTH	BLOW COUNTS	RECOVERY (FT.)	SAMPLE NUMBER	DESCRIPTION	REMARKS
		19				Rd-brC Red-brown CLAY (CL) 20'6"	
		20				End of Boring @ 20'6" Well Construction Data Screen: 4" dia., Sch. 40, 20 slot PVC Riser: 4" dia., Sch. 40 PVC Sand: Jessie Morie #2 Grout: Cement with bentonite Permit # 26-16458-2	

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UNCONSOLIDATED FORMATIONS
EXPLORATORY DRILLING LOG

SHEET 1 OF 2

LOCATION BEC-5S

PROJECT: General Motors		DRILLING FIRM: McGinnis Drilling
PROJECT NO. 89-001-03	LOGGED BY: M. Luksic	EQUIPMENT: Gus Pech Brat 22R
DATE STARTED: August 23, 1989	DATE FINISHED: August 23, 1989	DRILLER: J. Scribellito

EQUIPMENT DATA

	CASING	SAMPLER	CORE
TYPE	HSA	–	–
DIAMETER	6 5/8	–	–
WEIGHT	–	–	–
FALL	–	–	–

GROUNDWATER DATA

DEPTH	DATE	TIME	REFERENCE
			Notch in PVC

SAMPLE DATA

DIST.	UNDIST.	CORE
X	–	–

ELEVATION DATA

	GROUND	CASING	DATUM
ELEV.			MSL

WELL LOG	GRAPHIC LOG	DEPTH	BLOW COUNTS	RECOVERY (FT.)	SAMPLE NUMBER	DESCRIPTION	REMARKS
		0				0'0"	
						ASPHALT 0'6"	
		1				Rock and Sand FILL	
		2				2'6"	
		3				Rd-br C	
		4				Red-brown CLAY (CL)	
		5					
		6					
		7				7'0"	
		8				Rd-br fS,a.(+)C Red-brown Clayey SAND (SP/CL)	
		9					
		10					
		11				11'0"	
		12				Rd-br C	
		13					
		14				Red-brown CLAY (CL)	
		15					
		16					
		17					
		18				18'0"	
						End of Boring @ 18'0"	

EXPLORATORY DRILLING LOG

SHEET 2 OF 2

LOCATION BEC-5S

PROJECT: General Motors

PROJECT NO. 89-001-03

WELL LOG	GRAPHIC LOG	DEPTH	BLOW COUNTS	RECOVERY (FT.)	SAMPLE NUMBER	DESCRIPTION	REMARKS
						Well Construction Data Screen: 4" dia., Sch. 40, 20 slot PVC Riser: 4" dia., Sch. 40 PVC Sand: Jessie Morie #2 Grout: Cement with bentonite Permit # 26-16459-1	

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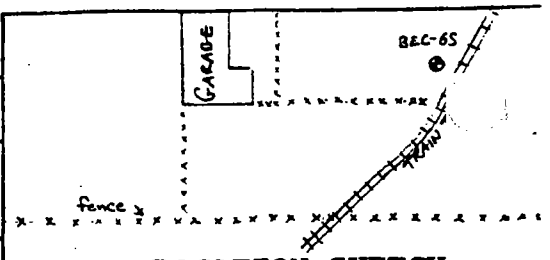
EXPLORATORY DRILLING LOG – UNCONSOLIDATED FORMATIONS

Location: BEC-6S

PROJECT: General Motors	PROJECT #: 89-001-03
LOGGED BY: L. Fankhauser	DRILLER: M. McGinnis EQUIPMENT: Gus Pech Brat 22R
STARTED: December 2, 1989	FINISHED: December 2, 1989



LOCATION SKETCH

EQUIPMENT DATA			GROUNDWATER DATA				SAMPLE DATA	
	CASING	SAMPLER	DEPTH	DATE	TIME	REFERENCE	DIST.	UNDISTURBED
TYPE	HSA	-				Notch in PVC	X	
DIAM.	6 5/8"	-					ELEVATION DATA	
WEIGHT	-	-					GROUND	CASING	DATUM
FALL	-	-							MSL

WELL LOG	LOG	DEPTH	BLOW COUNT	REC. (FT)	SAMPLE NUMBER	DESCRIPTION		REMARKS
							0'0"	
		0				ASPHALT	0'6"	
						Black Sand and Gravel FILL	1'0"	
		1				Rd C		
		2						
		3				Red CLAY (CH)		
		4					5'0"	
		5				Rd cfS, s(-)C, s(-)fG Red Well Graded Clayey Gravelly SAND (SM)	7'0"	
		6						
		7				Rd mfS, a(+)C Red Poorly Graded SAND and CLAY (SP/CL)	9'0"	
		8						
		9				Rd C		
		10				Red CLAY (CH)		
		11						
		12						

EXPLORATORY DRILLING LOG - UNCONSOLIDATED FORMATION

Location: BEC

:CT: General Motors

PROJECT #: 89-001-03

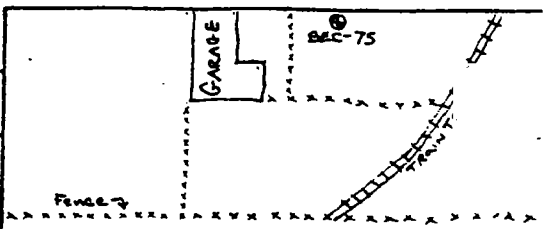
WELL LOG	LOG	DEPTH	BLOW COUNT	REC. (FT)	SAMPLE NUMBER	DESCRIPTION	REMAR
		13				Rd C	
		14					
		15				Red CLAY (CH)	
		16					
		17					
		18				Rd C	
		19				20'0"	
		20				End of Boring @ 20'0"	
		21				Well Construction Data:	
		22				Screen: 4" dia., sch. 40, 20-slot PVC	
		23				Riser: 4" dia., sch. 40 PVC	
		24				Sand: Jessie Morie #1	
		25				Grout: Cement with bentonite	
		26				Permit #26-18371-4	
		27					
		28					
		29					
		30					
		31					
		32					
		33					
		34					
		35					

EXPLORATORY DRILLING LOG - UNCONSOLIDATED FORMATIONS

Sheet 1 of 2

Location: BEC-7S

PROJECT: General Motors	PROJECT #: 89-001-03
LOGGED BY: L. Fankhauser	DRILLER: M. McGinnis EQUIPMENT: Gus Pech Brat 22R
STARTED: December 1, 1989	FINISHED: December 1, 1989



LOCATION SKETCH

EQUIPMENT DATA			GROUNDWATER DATA				SAMPLE DATA	
	CASING	SAMPLER	DEPTH	DATE	TIME	REFERENCE	DIST.	UNDISTURBED
TYPE	HSA	-				Notch in PVC	X	
DIAM.	6 5/8"	-					ELEVATION DATA	
WEIGHT	-	-					GROUND	CASING	DATUM
FALL	-	-							MSL

WELL LOG	LOG	DEPTH	BLOW COUNT	REC. (FT)	SAMPLE NUMBER	DESCRIPTION	REMARKS
						0'0"	
		0				ASPHALT 0'6"	
		1				Rd C a(+), mfS	
		2				Red CLAY and SAND (CL/SP)	
		3					
		4					
		5					
		6					No odors
		7				7'0"	
		8				Rd C	
		9				Red CLAY (CH)	
		10				10'0"	Cuttings moist @ 10'0"
		11				Rd C s(+), mfS	
		12				Red Sandy CLAY (CL)	

DRILL1.9.89

EXPLORATORY DRILLING LOG - UNCONSOLIDATED FORMATIONS

Location: BEC-7

PROJECT: General Motors

PROJECT #: 89-001-03

WELL LOG	LOG	DEPTH	BLOW COUNT	REC. (FT)	SAMPLE NUMBER	DESCRIPTION	REMARKS
		13				Rd C s(+), mfS	
		14					No odors
		15				Red Sandy CLAY (CL)	
		16					
		17					
		18				19'0"	
		19				End of Boring @ 19'0"	
		20				Well Construction Data:	
		21				Screen: 4" dia., sch. 40, 20-slot PVC	
		22				Riser: 4" dia., sch. 40 PVC	
		23				Sand: Jessie Morie #1	
		24				Grout: Cement with bentonite	
		25				Permit # 26-18372-2	
		26					
		27					
		28					
		29					
		30					
		31					
		32					
		33					
		34					
		35					

EXPLORATORY DRILLING LOG - UNCONSOLIDATED FORMATIONS

Sheet 1 of 2

Location: BEC-8S

PROJECT: General Motors

PROJECT #: 89-001-03

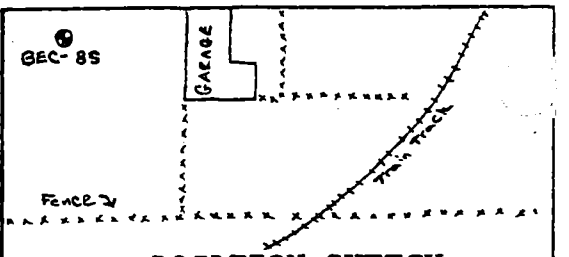
LOGGED BY: L. Fankhauser

DRILLER: M. McGinnis

EQUIPMENT: Gus Pech Brat 22R

STARTED: December 2, 1989

FINISHED: December 2, 1989



LOCATION SKETCH

EQUIPMENT DATA			GROUNDWATER DATA				SAMPLE DATA	
	CASING	SAMPLER	DEPTH	DATE	TIME	REFERENCE	DIST.	UNDISTURBED
TYPE	HSA	-				Notch in PVC	X	
DIAM.	6 5/8"	-					ELEVATION DATA	
WEIGHT	-	-					GROUND	CASING	DATUM
FALL	-	-							MSL

WELL LOG	LOG	DEPTH	BLOW COUNT	REC. (FT)	SAMPLE NUMBER	DESCRIPTION	REMARKS
						0'0"	
		0				ASPHALT 0'6"	
		1				Black Sand and Gravel FILL 1'6"	
		2				Rd cfS, s(+)C Red Well Graded Clayey SAND (SC) 3'0"	
		3				Dk Gy mfS, a(-)C,s(+)G Dark Grey Poorly Graded SAND and CLAY (SC) 4'0"	
		4				Gy C Grey CLAY (CH) 5'0"	
		5				Rd C	No odors in cuttings
		6					
		7				Red CLAY (CH)	
		8					
		9					
		10					
		11				Rd C	
		12					

DRILL1.9.89

EXPLORATORY DRILLING LOG - UNCONSOLIDATED FORMATIONS

Location: BEC-8

Sheet 2 of 2

PROJECT #: 89-001-03

PRC General Motors

WELL LOG	LOG	DEPTH	BLOW COUNT	REC. (FT)	SAMPLE NUMBER	DESCRIPTION	REMARK
		13				Rd C	No odors in cut-tings
		14				Red CLAY (CH)	
		15					
		16					
		17					
		18					No odor in cut-tings
		19				20'0" Rd C	
		20				End of Boring @ 20'0"	
		21				Well Construction Data	
		22				Screen: 4" dia., sch. 40, 20-slot PVC	
		23				Riser: 4" dia., sch. 40 PVC	
		24				Sand: Jessie Morie #1	
		25				Grout: Cement with bentonite	
		26				Permit # 26-18373-1	
		27					
		28					
		29					
		30					
		31					
		32					
		33					
		34					
		35					

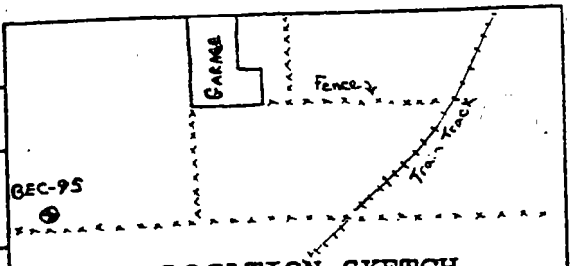
L2.9.89

EXPLORATORY DRILLING LOG – UNCONSOLIDATED FORMATIONS

Sheet 1 of 2

Location: BEC-9S

PROJECT: General Motors	PROJECT #: 89-001-03
LOGGED BY: L. Fankhauser	DRILLER: M. McGinnis EQUIPMENT: Gus Pech Brat 22R
STARTED: December 1, 1989	FINISHED: December 1, 1989



LOCATION SKETCH

EQUIPMENT DATA

	CASING	SAMPLER
TYPE	HSA	-
DIAM.	6 5/8"	-
WEIGHT	-	-
FALL	-	-

GROUNDWATER DATA

DEPTH	DATE	TIME	REFERENCE
			Notch in PVC

SAMPLE DATA

DIST.	UNDISTURBED
X	

ELEVATION DATA

GROUND	CASING	DATUM
		MSL

WELL LOG	LOG	DEPTH	BLOW COUNT	REC. (FT)	SAMPLE NUMBER	DESCRIPTION	REMARKS
						0'0"	
		0				Black Sand and Gravel FILL	
		1					
		2				3'0"	
		3				Rd C	
		4				Red CLAY (CH)	
		5					
		6					slight odors in cuttings
		7				8'0"	
		8				Dark Grey CLAY (CH) 9'0"	
		9				Rd C a(+),G Red CLAY and Gravel (CL/GP) 11'0"	odors more distinct
		10					
		11				Rd C Red CLAY (CH)	cuttings moist
		12					

DRILL1.9.89

EXPLORATORY DRILLING LOG - UNCONSOLIDATED FORMATIONS

Location: BEC-9

Sheet 2 of 2

PROJECT #: 89-001-03

PR: General Motors

WELL LOG	LOG	DEPTH	BLOW COUNT	REC. (FT)	SAMPLE NUMBER	DESCRIPTION	REMARKS
		13				Rd C	strong odors
		14					
		15				Red CLAY (CL)	
		16					
		17					
		18					
		19				20'0"	
		20				End of Boring @ 20'0"	
		21				Well Construction Data:	
		22				Screen: 4" dia., sch. 40, 20-slot PVC	
		23				Riser: 4" dia., sch. 40 PVC	
		24				Sand: Jessie Morie #1	
		25				Grout: Cement with bentonite	
		26				Permit # 26-18374-9	
		27					
		28					
		29					
		30					
		31					
		32					
		33					
		34					
		35					

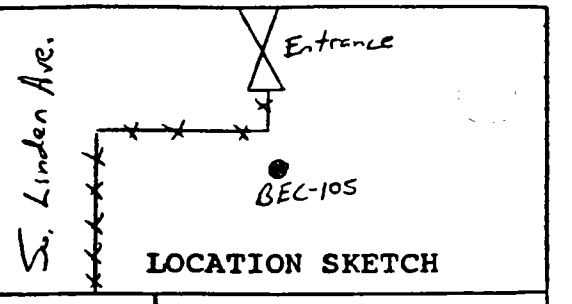
2.9.89

EXPLORATORY DRILLING LOG - UNCONSOLIDATED FORMATIONS

Sheet 1 of 2

Location: BEC-10S

PROJECT: General Motors	PROJECT #: 89-001-03
LOGGED BY: MAG	DRILLER: N. Santana EQUIPMENT: Gus Pech Brat 22R
STARTED: November 8, 1990	FINISHED: November 8, 1990



LOCATION SKETCH

EQUIPMENT DATA			GROUNDWATER DATA				SAMPLE DATA	
	CASING	SAMPLER	DEPTH	DATE	TIME	REFERENCE	DIST.	UNDISTURBED
TYPE	HSA	-						
DIAM.	6 5/9"	-					ELEVATION DATA	
WEIGHT	-	-					GROUND	CASING	DATUM
FALL	-	-							

WELL LOG	LOG	DEPTH	BLOW COUNT	REC. (FT)	SAMPLE NUMBER	DESCRIPTION	REMARKS
		0				Asphalt 0'6"	
		1				Black Sand & Gravel Fill 2'6"	
		2				Gy C	
		3				Grey CLAY (CH)	
		4				Gy C 5'0"	
		5				Rd C	No odor in Cuttings
		6					
		7					
		8				Red CLAY (CH)	
		9					Soil moist
		10					
		11					Soil Wet
		12				Rd C	

DRILL1.9.89

EXPLORATORY DRILLING LOG - UNCONSOLIDATED FORMATIONS

Location: BEC-10S

P[illegible]t: General Motors

PROJECT #: 89-001-03

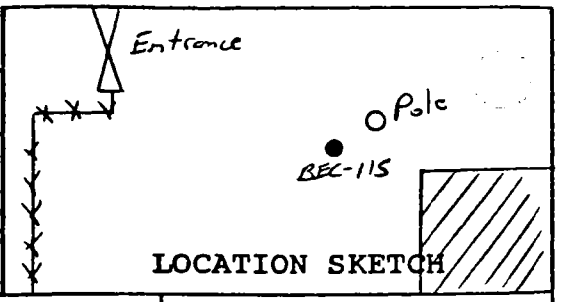
WELL LOG	LOG	DEPTH	BLOW COUNT	REC. (FT)	SAMPLE NUMBER	DESCRIPTION	REMARKS
		13				Rd C	
		14					
		15					
		16				Red Clay (CH)	
		17					
		18					
		19					
		20				Rd C 20'0"	
		21				End of Boring	
		22				Well Construction Data	
		23				Screen: 4" dia. sch. 40, 20-slot PVC	
		24				Riser: 4 dia. sch. 40 PVC	
		25				Sand: Jessie Morie #1	
		26				Grout: Cement with bentonite	
		27				Permit# : 26-23050-0	
		28				Flush Mount Completion	
		29					
		30					
		31					
		32					
		33					
		34					
		35					

EXPLORATORY DRILLING LOG - UNCONSOLIDATED FORMATIONS

Sheet 1 of 2

Location: BEC-11S

PROJECT: General Motors	PROJECT #: 89-001-03
LOGGED BY: MAG	DRILLER: N. Santana EQUIPMENT: Gus Pech Brat 22R
STARTED: November 9, 1990	FINISHED: November 9, 1990



EQUIPMENT DATA			GROUNDWATER DATA				SAMPLE DATA	
	CASING	SAMPLER	DEPTH	DATE	TIME	REFERENCE	DIST.	UNDISTURBED
TYPE	HSA	-						
DIAM.	6 5/8"	-					ELEVATION DATA	
WEIGHT	-	-					GROUND	CASING / DATUM
FALL								

WELL LOG	LOG	DEPTH	BLOW COUNT	REC. (FT)	SAMPLE NUMBER	DESCRIPTION	REMARKS
		0				Asphalt 0'6"	
		1				Black Sand & Gravel FILL 1'6"	
		2				Rd cfS, 1(+)C	
		3				Red Well Graded Clayey SAND (SC)	
		4				Rd cfS, 1(+)C	
		5				Rd C	
		6					
		7				Red CLAY (CH)	
		8					
		9					
		10					
		11					
		12				Rd C	

DRILL1.9.89

EXPLORATORY DRILLING LOG - UNCONSOLIDATED FORMATIONS

Location: BEC-11S

PR[illegible]: General Motors

PROJECT #: 89-001-03

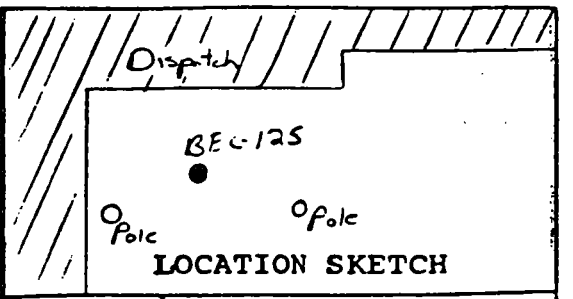
WELL LOG	LOG	DEPTH	BLOW COUNT	REC. (FT)	SAMPLE NUMBER	DESCRIPTION	REMARKS
		13				RdC	
		14					
		15					
		16				Red CLAY (CH)	
		17					
		18					
		19				Rd C 20'0"	
		20				End of Boring @ 20'0"	
		21					
		22				Well Construction DATA	
		23				Screen: 4" dia. sch. 40 20-slot PVC	
		24				Riser: 4" dia. sch. 40 PVC	
		25				Sand: Jessie Morie #1	
		26				Grout: Cement with Bentonite	
		27				Permit #: 26-23051-8	
		28				Flush Mount Completion	
		29					
		30					
		31					
		32					
		33					
		34					
		35					

EXPLORATORY DRILLING LOG – UNCONSOLIDATED FORMATIONS

Sheet 1 of 2

Location: BEC-12S

PROJECT: General Motors	PROJECT #: 89-001-03
LOGGED BY: MAG	DRILLER: N. Santana EQUIPMENT: Gus Pech Brat 22R
STARTED: November 9, 1990	FINISHED: November 9, 1990



LOCATION SKETCH

EQUIPMENT DATA			GROUNDWATER DATA				SAMPLE DATA	
	CASING	SAMPLER	DEPTH	DATE	TIME	REFERENCE	DIST.	UNDISTURBED
TYPE	HSA	-						
DIAM.	6 5/8"	-					ELEVATION DATA	
WEIGHT	-	-					GROUND	CASING / DATUM
FALL	-	-						

WELL LOG	LOG	DEPTH	BLOW COUNT	REC. (FT)	SAMPLE NUMBER	DESCRIPTION	REMARKS
		0				Asphalt 0'6"	
		1				Bk S, fG Black Sand & Gravel FILL 3'0"	Slight odor in cuttings
		2					
		3				Br C s.(+), fS Brown Sandy CLAY (CL) 5'0"	
		4					
		5				Rd C t(-), fS Red CLAY (CH) 8'0"	
		6					
		7					
		8				Br C Brown CLAY (CL) 11'0"	
		9					
		10					
		11				Rd-Br C t(+),$	Soil wet
		12					

DRILL1.9.89

EXPLORATORY DRILLING LOG - UNCONSOLIDATED FORMATIONS

Location: BEC-12S

CT: General Motors

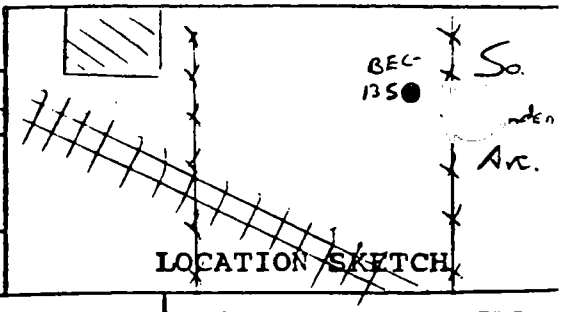
PROJECT #: 89-001-03

WELL LOG	LOG	DEPTH	BLOW COUNT	REC. (FT)	SAMPLE NUMBER	DESCRIPTION	REMARKS
		13				Rd-Br C t(+),$	
		14					
		15					
		16				Red Brown CLAY (CH)	
		17					
		18					
		19				Rd-Br C t(+),$	
		20				End of Boring @ 20'0"	
		21				Well Construction DATA	
		22				Screen: 4' dia. sch. 40 20-slot PVC	
		23				Riser: 4" dia. sch. 40 PVC	
		24				Sand: Jessie Morie #1	
		25				Permit# : 26-23052-6	
		26				Flush Mount Completion	
		27					
		28					
		29					
		30					
		31					
		32					
		33					
		34					
		35					

EXPLORATORY DRILLING LOG - UNCONSOLIDATED FORMATIONS

Location: Bec-13 S

PROJECT: General Motors	PROJECT #: 89-001-03
LOGGED BY: MAG	DRILLER: N. Santana EQUIPMENT: Gus Pech Brat 22R
STARTED: November 9, 1990	FINISHED: November 9, 1990



EQUIPMENT DATA

	CASING	SAMPLER
TYPE	HSA	-
DIAM.	6 5/8	-
WEIGHT	-	-
FALL	-	-

GROUNDWATER DATA

DEPTH	DATE	TIME	REFERENCE

SAMPLE DATA

DIST.	UNDISTURBED

ELEVATION DATA

GROUND	CASING	DATUM

WELL LOG	LOG	DEPTH	BLOW COUNT	REC. (FT)	SAMPLE NUMBER	DESCRIPTION	REMARKS
		0				Asphalt 0'6"	
		1				Black Sand and Gravel FILL 2'6"	
		2				Rd-Br C	
		3					
		4					
		5					
		6				Red Brown CLAY (CH)	
		7					
		8					
		9					
		10					
		11					
		12				Rd-Br C	

EXPLORATORY DRILLING LOG - UNCONSOLIDATED FORMATIONS

Location: BEC-13S

PROJECT: General Motors

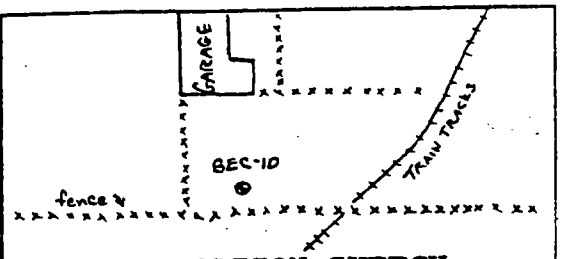
PROJECT #: 89-001-03

WELL LOG	LOG	DEPTH	BLOW COUNT	REC. (FT)	SAMPLE NUMBER	DESCRIPTION	REMARKS
		13				Rd-Br C	
		14					
		15					
		16				Red Brown CLAY (CH)	
		17					
		18					
		19				Rd-Br C	
		20				End of Boring @ 20'0"	
		21				Well Construction DATA	
		22				Screen: 4" dia. sch. 40 20-slot PVC	
		23				Riser: 4" dia. sch. 40 PVC	
		24				Sand: Jessie Morie #1	
		25				Permit#: 26-23053-4	
		26				Flush Mount Completion	
		27					
		28					
		29					
		30					
		31					
		32					
		33					
		34					
		35					

EXPLORATORY DRILLING LOG - UNCONSOLIDATED FORMATIONS

Location: BEC-1D

PROJECT: General Motors	PROJECT #: 89-001-03
LOGGED BY: L. Fankhauser	DRILLER: M. McGinnis EQUIPMENT: Gus Pech Brat 22R
STARTED: November 30, 1989	FINISHED: December 2, 1989



LOCATION SKETCH

EQUIPMENT DATA			GROUNDWATER DATA				SAMPLE DATA	
	CASING	SAMPLER	DEPTH	DATE	TIME	REFERENCE	DIST.	UNDISTURBED
TYPE	HSA	S.S.				Notch in PVC	X	
DIAM.	3 ¼"	2"					ELEVATION DATA	
WEIGHT	-	140 lb.					GROUND	CASING	DATUM
FALL	-	36"							MSL

WELL LOG	LOG	DEPTH	BLOW COUNT	REC. (FT)	SAMPLE NUMBER	DESCRIPTION	REMARKS
						0'0"	
		0				ASPHALT 1'6"	
		1					
		2					
		3				Yellow Brown Sand FILL	
		4					
		5					
		6					
		7					
		8					
		9				10'0"	
		10				Rd-br mfS, a(+)C Red Brown Poorly Graded SAND and CLAY (SP/CL)	
		11					
		12					

EXPLORATORY DRILLING LOG - UNCONSOLIDATED FORMATIONS

Location: BEC-1D

OJEC General Motors

PROJECT #: 89-001-03

ELL OG	LOG	DEPTH	BLOW COUNT	REC. (FT)	SAMPLE NUMBER	DESCRIPTION	REMARKS
		13				Rd-Br mfS, a(+)C Red Brown Poorly Graded SAND and CLAY (SP/CL) 14'0"	
		14					
		15				Rd C	
		16					
		17					
		18					
		19					
		20					
		21	82 14 19	2'	89001 6008ABC	Rd C	
		22	24				
		23				Red CLAY (CH)	
		24					
		25					
		26	5 7 9	2'	89001 6009ABC	Rd C	
		27	12				
		28				Red CLAY (CH)	
		29					
		30					
		31	5 7 8	1.5	89001 6010ABC	Rd C	
		32	14				
		33					
		34				Red CLAY (CH) 35'0"	
		35					

ILL2

EXPLORATORY DRILLING LOG - UNCONSOLIDATED FORMATION

Location: BEC-1D

PROJECT: General Motors

PROJECT #: 89-001-03

WELL LOG	LOG	DEPTH	BLOW COUNT	REC. (FT)	SAMPLE NUMBER	DESCRIPTION	REMARKS
		36	15		89001	Rd C s(+),G	
			14	1'	6011ABC		gravel in clay is fractured shale
		37	23				
						Red Gravelly CLAY (GyC)	
		38					
		39					
		40					
			15		89001		
		41	45	6"	6012ABC		
			50				
		42					
		43					
		44					
		45					
			12		89001	Rd C s(+),G	
		46	40	6"	6007AB		
			50			Red Gravelly CLAY (GyC)	
		47					
		48					
		49					
		50				50'0"	

End of Boring @ 50'0"

Well Construction Data:

Screen: 4" dia., sch. 40, 20-slot PVC
Riser: 4" dia., sch. 40 PVC
Sand: Jessie Morie #1
Grout: Cement with bentonite
Permit # 26-18375-7

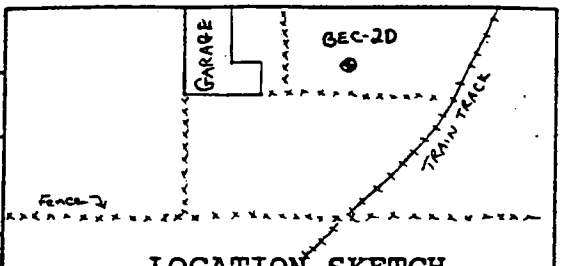
EXPLORATORY DRILLING LOG – UNCONSOLIDATED FORMATIONS

Sheet 1 of 3 | Location: BEC-2D

PROJ: General Motors | PROJECT #: 89-001-03

LOGGED BY: L. Fankhauser | DRILLER: M. McGinnis | EQUIPMENT: Gus Pech Brat 22R

STARTED: November 30, 1989 | FINISHED: December 1, 1989



LOCATION SKETCH

EQUIPMENT DATA			GROUNDWATER DATA				SAMPLE DATA		
	CASING	SAMPLER	DEPTH	DATE	TIME	REFERENCE	DIST.	UNDISTURBED	
TYPE	HSA	S.S.				Notch in PVC	X		
DIAM.	3 ¼"	2"					ELEVATION DATA		
WEIGHT	–	140 lb.					GROUND	CASING	DATUM
FALL	–	36"							MSL

WELL LOG	LOG	DEPTH	BLOW COUNT	REC. (FT)	SAMPLE NUMBER	DESCRIPTION	REMARKS
						0'0"	
		0				ASPHALT 0'6"	
		1				Rd C	
		2					
		3				Red CLAY (CH)	
		4					
		5					No odors
		6					
		7					Cuttings moist @ 7'0"
		8				Rd C	
		9					
		10				Red CLAY (CH)	
		11					No odors
		12					

EXPLORATORY DRILLING LOG - UNCONSOLIDATED FORMATIONS

Location: BEC-2D

PROJECT: General Motors

PROJECT #: 89-001-03

WELL LOG	LOG	DEPTH	BLOW COUNT	REC. (FT)	SAMPLE NUMBER	DESCRIPTION	REMARKS
		13				Red CLAY (CH)	
		14					
		15					
		16					
		17					
		18					
		19					
		20	14	1.5'	89001 6001	Rd C	
		21	11				
			17				
		22	20			Red CLAY (CH)	
		23					
		24					
		25	8	1'	89001 6002	Rd C	
		26	3				
			2				
		27	5				
		28				Red CLAY (CH)	
		29					
		30	10	1'	89001 6003	Rd C	
		31	8				
			30				
		32	22				
		33					
		34				Red CLAY (CH)	
		35					

EXPLORATORY DRILLING LOG - UNCONSOLIDATED

Location: BEC-2D

PROJECT #: 89-001-03

ROJECT: General Motors

VEL LOG	LOG	DEPTH	BLOW COUNT	REC. (FT)	SAMPLE NUMBER	DESCRIPTION	REMARKS
						36'0"	
		36	10			Rd C s,fG	
			26				
		37	55				
		38					
		39					
		40					
			18			Rd C s,fG	
		41	18	6"			
			101			Red Gravelly CLAY (CL)	
		42	-				
		43					
		44					
		45					
			28			Rd C s,fG	
		46	150	6"			
			-				
		47	-				
						Red Gravelly CLAY (CL)	
		48					
		49					
						50'0"	
		50				End of Boring @ 50'0"	
						Well Construction Data:	
						Screen: 4" dia., sch. 40, 20-slot PVC	
						Riser: 4" dia., sch. 40 PVC	
						Sand: Jessie Morie #1	
						Grout: Cement with bentonite	
						Permit # 26-18376-5	

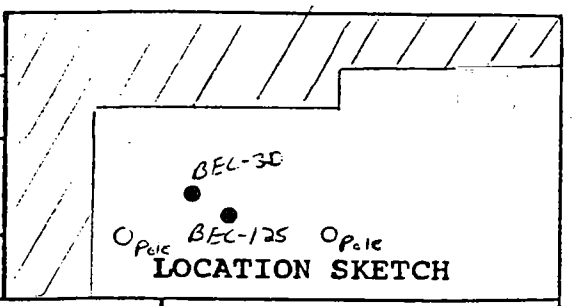
DRILL3.9.89

EXPLORATORY DRILLING LOG – UNCONSOLIDATED FORMATIONS

Sheet 1 of 3

Location: BEC-3D

PROJECT: General Motors	PROJECT #: 89-001-03
LOGGED BY: MAG	DRILLER: N. Santana EQUIPMENT: Gus pech Brat 22R
STARTED: November 12, 1990	FINISHED: November 13, 1990



LOCATION SKETCH

EQUIPMENT DATA			GROUNDWATER DATA				SAMPLE DATA	
	CASING	SAMPLER	DEPTH	DATE	TIME	REFERENCE	DIST.	UNDISTURBED
TYPE	HSA	-						
DIAM.	6 5/8	-					ELEVATION DATA	
WEIGHT	-	-					GROUND	CASING / DATUM
FALL	-	-						

WELL LOG	LOG	DEPTH	BLOW COUNT	REC. (FT)	SAMPLE NUMBER	DESCRIPTION	REMARKS
		0				Asphalt 0'6"	
		1				Bk S, fg Black Sand & Gravel FILL 3'0"	
		2					
		3				Br C s(+), fs Brown Sandy CLAY (CL) 5'0"	
		4					
		5				Rd C t(-), fs Red CLAY (CH) 8'0"	
		6					
		7					
		8				BrC Brown CLAY (CL) 11'0"	
		9					
		10					
		11				Rd-Br C t(+),$	
		12					

DRILL1.9.89

EXPLORATORY DRILLING LOG - UNCONSOLIDATED FORMATIONS

Location: BEC-3D

PROJECT: General Motors

PROJECT #: 89-001-03

WELL LOG	LOG	DEPTH	BLOW COUNT	REC. (FT)	SAMPLE NUMBER	DESCRIPTION	REMARKS
		13				Rd-Br C t(+),$	
		14					
		15					
		16				Red Brown CLAY (CH)	
		17					
		18					
		19					
						Rd-Br C t(+),$ 45'0"	
		20				Rd C s, fg	
		21					
		22					
		23					
		24					
		25				Rd C s, fg	
		26					
		27					
		28				Red Gravelly CLAY (CL)	
		29					
		30					
		31					
		32					
		33					
		34					
		35				Rd C s, fg	

EXPLORATORY DRILLING LOG - UNCONSOLIDATED FORMATIONS

Location: BEC-3D

PROJECT: General Motors

PROJECT #: 89-001-03

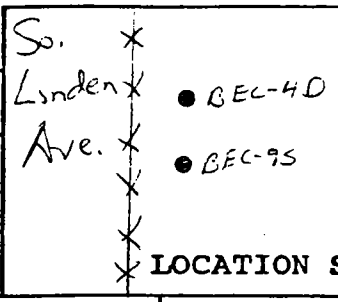
WELL LOG	LOG	DEPTH	BLOW COUNT	REC. (FT)	SAMPLE NUMBER	DESCRIPTION	REMARKS
		36				Rd C s, fg	
		37					
		38					
		39					
		40				Red Gravelly CLAY (CL)	
		41					
		42					
		43					
		44				Rd C s, fg 45'0"	
		45				End of Boring @ 45'0"	
		46				Well Construction Data	
		47				Screen: 4" dia., Sch. 40, 20-slot PVC	
		48				Riser: 4" dia., Sch. 40 PVC	
		49				Sand Pack: jessie Morie #1	
		50				Grout: Cement with Bentotonite	
		51				Permit#: 26-23054-2	
		52					
		53					
		54					
		55					
		56					
		57					
		58					

EXPLORATORY DRILLING LOG - UNCONSOLIDATED FORMATIONS

Sheet 1 of 3

Location: BEC-4D

PROJECT: General Motors	PROJECT #: 89-001-03
LOGGED BY: MAG	DRILLER: N. Santana EQUIPMENT: Gus Pech Brat 22R
STARTED: November 13, 1990	FINISHED: November 13, 1990



LOCATION SKETCH

EQUIPMENT DATA			GROUNDWATER DATA				SAMPLE DATA	
	CASING	SAMPLER	DEPTH	DATE	TIME	REFERENCE	DIST.	UNDISTURBED
TYPE	HSA	-						
DIAM.	6 5/8"	-					ELEVATION DATA	
WEIGHT	-	-					GROUND	CASING	DATUM
FALL	-	-							

WELL LOG	LOG	DEPTH	BLOW COUNT	REC. (FT)	SAMPLE NUMBER	DESCRIPTION	REMARKS
		0				Asphalt 0'6"	
		1				Black Sand & Gravel FILL 3'0"	
		2					
		3				Rd C	
		4					
		5					
		6				Red CLAY (CH)	
		7					
		8				Rd C 9'0"	
		9				Rd C a(-), G	
		10				Red CLAY and Gravel (CL/GP) 11'0"	
		11				Rd C	
		12				Red CLAY (CH)	

DRILL1.9.89

EXPLORATORY DRILLING LOG - UNCONSOLIDATED FORMATIONS

Sheet 2 of 3

Location: BEC-4D

PROJECT: General Motors

PROJECT #: 89-001-03

WELL LOG	LOG	DEPTH	BLOW COUNT	REC. (FT)	SAMPLE NUMBER	DESCRIPTION	REMARKS
		13				Rd C	
		14					
		15				Red CLAY (CH)	
		16					
		17					
		18					
		19				Rd C 20'0"	
		20				Rd C s, fG	
		21					
		22					
		23					
		24					
		25					
		26				Rd C s, fG Red Gravelly CLAY (CL)	
		27					
		28					
		29					
		30					
		31					
		32					
		33					
		34					
		35				Rd C s, fG	

DRILL2.9.89

EXPLORATORY DRILLING LOG - UNCONSOLIDATED FORMATIONS

Sheet 3 of 3

Location: BEC-4D

T: General Motors

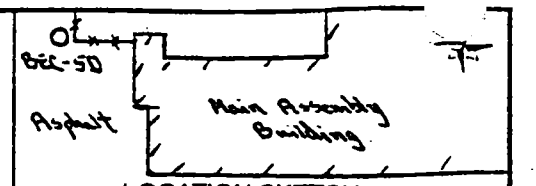
PROJECT #: 89-001-03

WELL LOG	LOG	DEPTH	BLOW COUNT	REC. (FT)	SAMPLE NUMBER	DESCRIPTION	REMARKS
		36				Rd C s, fG	
		37					
		38				Red Gravelly CLAY (CL)	
		39					
		40					
		41					
		42				Rd C s, fG 42'0"	
		43				End of Boring @ 42'0"	
		44				Well Construction DATA	
		45				Screen: 4" dia, Sch. 40 20-Slot PVC	
		46				Riser: 4" dia. Sch. 40 PVC	
		47				Sand: Jessie Morie #1	
		48				Grout: Cement with Bentonite	
		49				Permit #: 26-23055-1	
		50				Flush Mount Completion	
		51					
		52					
		53					
		54					
		55					
		56					
		57					
		58					

.9.89

EXPLORATORY DRILLING LOG

Sheet 1 of 2	Location: BEC-5D
PROJECT: General Motors	PROJECT #: EOGO1-93089-02
LOGGED BY: Michelle Connolly	DRILLER: Summit Drilling (Jeff Marches) EQUIPMENT: Mobile Drill B-59
STARTED: July 3, 1995	FINISHED: July 3, 1995



LOCATION SKETCH

EQUIPMENT DATA	CASING	SAMPLER
TYPE		Split Spoon
DIAM.		2"
WEIGHT		140 lb.
FALL		30"

GROUND WATER DATA			
DEPTH	DATE	TIME	REFERENCE
13.0'	7/31/95		Top of PVC

SAMPLE DATA	
DIST	UNDISTURBED
X	

ELEVATION DATA		
GROUND	CASING	DATUM

WELL LOG	LOG	DEPTH	BLOW COUNT	REC. (ft)	SAMPLE NUMBER	DESCRIPTION	REMARKS
		0				Asphalt, Concrete, and Fill 1' 0"	
		1	7			Br. - G. Cy$	PID = 0.0
			6				
		2	7	0.8			
			10				
		3	15				
			20			R. Br. Cy$	PID = 0.0
		4	24	1.8			
			30				
		5	9			Reddish Brown Silty CLAY/Clayey SILT (CL/ML)	
			10			R. Br. $yC,s G	
		6	10				PID = 0.0
			10	1.8			
		7	10				
			15				
		8	15				PID = 0.0
			24	1.4			
		9	15				
			20			R. Br. $yC with lense of Br. G. $ at 10'10"	
		10	20				PID = 0.0
			14	1.6		11'0"	
		11	11		93089-	R. Br. $yC with lenses of $yS	
			7	1.2	BEC-5D		PID = 0.0
		12	14				Water at 13'0"

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EXPLORATORY DRILLING LOG

Location: BEC-5D

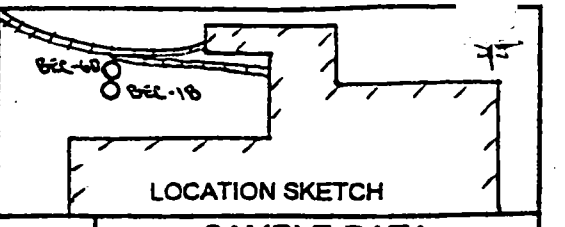
PROJECT: General Motors

PROJECT #: EOGO1-93089-02

WELL LOG	LOG	DEPTH	BLOW COUNT	REC. (ft)	SAMPLE NUMBER	DESCRIPTION	REMARKS
			19				
		13					
		14					
		15					
		16					
		17					
		18					
		19				Reddish Brown Silty CLAY/Clayey SILT (CL/ML)	
		20					
		21					
		22					
		23					
		24					Auger
						25' 0"	Refusal
		25				End of Boring at 25.0'	
		26					
		27					
		28					

EXPLORATORY DRILLING LOG

Sheet 1 of 2	Location: BEC-6D
PROJECT: General Motors	PROJECT #: EOG01-93089-02
LOGGED BY: Yelena Skorobogatov	DRILLER: Summit Drilling (Matt Raab) EQUIPMENT: Mobile Drill B-59
STARTED: June 29, 1995	FINISHED: June 29, 1995



EQUIPMENT DATA			GROUND WATER DATA				SAMPLE DATA		
	CASING	SAMPLER	DEPTH	DATE	TIME	REFERENCE	DIST	UNDISTURBED	
TYPE		Split Spoon	8.0'	6/29/95		Top of PVC	X		
DIAM.		2"					ELEVATION DATA		
WEIGHT		140 lb					GROUND	CASING	DATUM
FALL		30"							

WELL LOG	LOG	DEPTH	BLOW COUNT	REC. (ft)	SAMPLE NUMBER	DESCRIPTION	REMARKS
		0				Asphalt and Fill 1'0"	
		1	5	0.2		Dk. G. SyC Dark Gray Silty CLAY/Clayey SILT (CL/ML)	PID=31.4
			7				
		2	8				
			8	1.2			
		3	13			Dk. G. - Ol. G. Cy$ with R. Br. Cy$, IS	PID=31
			17				
		4	18				
			20	1.0		5'0"	
		5	15			Dk. Br. fS	PID=33.7
			16				
		6	21				
			23				PID=37.2
		7	27	0.6	93089-BEC-6D		
			33				
		8	22				Water at 8.0'
			20			Dark Brown Poorly Graded SAND (SP)	
		9					
		10					
		11					
		12					

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EXPLORATORY DRILLING LOG

Sheet 2 of 2

Location: BEC-6D

PROJECT: General Motors

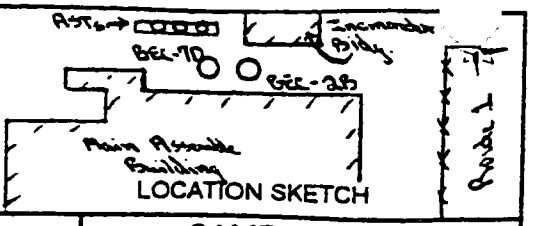
PROJECT #: EOGO1-93089-02

WELL LOG	LOG	DEPTH	BLOW COUNT	REC. (ft)	SAMPLE NUMBER	DESCRIPTION	REMARKS
		13				Dark Brown Poorly Graded SAND (SP)	
		14					
		15					
		16					
		17					
		18				18'0"	
		19				R.Br. C Reddish Brown CLAY (CL) 20'0"	Auger Refusal
		20				End of Boring 20.0'	
		21					
		22					
		23					
		24					
		25					
		26					
		27					
		28					

$9308902-B6D

EXPLORATORY DRILLING LOG

Sheet 1 of 2	Location: BEC-7D
PROJECT: General Motors	PROJECT #: EOGO1-93089-02
LOGGED BY: Yelena Skorobogatov	DRILLER: Summit Drilling (Matt Raab) EQUIPMENT: Mobile Drill B-59
STARTED: June 29, 1995	FINISHED: June 29, 1995



EQUIPMENT DATA			GROUND WATER DATA				SAMPLE DATA		
	CASING	SAMPLER	DEPTH	DATE	TIME	REFERENCE	DIST	UNDISTURBED	
TYPE		Split Spoon	11.0'	6/29/95		Top of PVC	X		
DIAM.		2"					ELEVATION DATA		
WEIGHT		140 lb					GROUND	CASING	DATUM
FALL		30"							

WELL LOG	LOG	DEPTH	BLOW COUNT	REC. (ft)	SAMPLE NUMBER	DESCRIPTION	REMARKS
		0				Asphalt and Fill 1' 0"	
		1	10	0.2		Bk. $yS	PID = 135.6
			8				
		2	4			Black Poorly Graded Silty SAND (SM) 3'0"	
			15				
		3	14	1.0		Dk. Br. $yC, s G	PID =
			17				
		4	15				
			17				
		5	6	0.6		R. Br. $yC with lense of G. $ at 6'8"	PID = 19.5
			3				
		6	3			Reddish Brown Silty CLAY/Clayey SILT (CL/ML)	
			4				
		7	4	1.0	93089-BEC-7D	Ol. G. - R. Br. $yC	PID 36.8
			4				
		8	4				
			4				
		9	7	0.6		R. Br. Cy$	PID = 26.6
			12				
		10	15				
			15				Water at 11.0'
		11	6	1.0		R. Br. Cy$	
			8				
		12	14				

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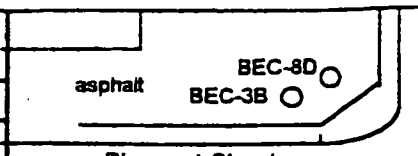
EXPLORATORY DRILLING LOG

Sheet 2 of 2	Location: BEC-7D
PROJECT: General Motors	PROJECT #: EOGO1-93089-02

WELL LOG	LOG	DEPTH	BLOW COUNT	REC. (ft)	SAMPLE NUMBER	DESCRIPTION	REMARKS
			12				
		13					
		14					
		15					
		16					
		17					
		18				Reddish Brown Silty CLAY/Clayey SILT (CL/ML)	
		19					
		20					
		21					
		22					
		23					
		24					
		25					Auger Refusal
						26' 0"	
		26				Ending of Boring 26.0'	
		27					
		28					

EXPLORATORY DRILLING LOG

Sheet 1 of 2	Location: BEC-8D	
PROJECT: General Motors	PROJECT #: EOGO1-93089-02	
LOGGED BY: Michelle Connolly	DRILLER: Summit Drilling (Matt Raab) EQUIPMENT: Mobile Drill B-59	
STARTED: June 30, 1995	FINISHED: June 30, 1995	



LOCATION SKETCH

EQUIPMENT DATA	CASING	SAMPLER
TYPE		Split Spoon
DIAM.		2"
WEIGHT		140 lb
FALL		30"

GROUND WATER DATA			
DEPTH	DATE	TIME	REFERENCE
8.0'	6/30/95		Top of PVC

SAMPLE DATA	
DIST	UNDISTURBED

ELEVATION DATA		
GROUND	CASING	DATUM

WELL LOG	LOG	DEPTH	BLOW COUNT	REC. (ft)	SAMPLE NUMBER	DESCRIPTION	REMARKS
		0				Asphalt and Fill 1' 0"	
		1	7	1.2		Or. - R. Br. $y C, s G	PID = 0.0
			12				
		2	15				PID = 0.0
			21				
		3	21	0.4			
			30				
		4	44				
			38				
		5	4	1.8		Lt. Br. - Or. Br. Cy$/$yC with lense of G at 5'8"	PID = 0.0
			9				
		6	11			R. Br. Cy$/$yC, s G	
			8			R. Br. $yC	
		7	13				
			12			Orange to Reddish Brown Silty CLAY/ Clayey SILT (CL/ML)	Water at 8' 0"
		8	9				
			9				
		9					
		10					
		11					
		12					

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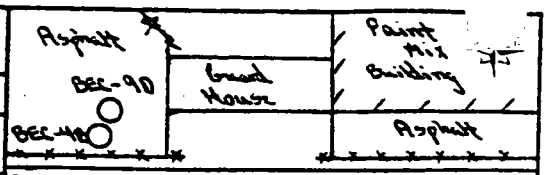
EXPLORATORY DRILLING LOG

Sheet 2 of 2				Location: BEC-8D			
PROJECT: General Motors				PROJECT #: EOGO1-93089-02			
WELL LOG	LOG	DEPTH	BLOW COUNT	REC. (ft)	SAMPLE NUMBER	DESCRIPTION	REMARKS
		13				Reddish Brown Silty CLAY/Clayey SILT (CL/ML)	
		14					
		15					
		16					
		17					
		18					
		19					Auger Refusal
						20' 0"	
		20				End of Boring 20.0'	
		21					
		22					
		23					
		24					
		25					
		26					
		27					
		28					

EXPLORATORY DRILLING LOG

Sheet 1 of 2	Location: BEC-9D
PROJECT: General Motors	PROJECT #: EOGO1-93089-02
LOGGED BY: Michelle Connolly	DRILLER: Summit Drilling (Matt Raab) EQUIPMENT: Mobile Drill B-59
STARTED: June 30, 1995	FINISHED: June 30, 1995



LOCATION SKETCH

EQUIPMENT DATA	CASING	SAMPLER
TYPE		Split Spoon
DIAM.		2"
WEIGHT		140 lb
FALL		30"

GROUND WATER DATA	DEPTH	DATE	TIME	REFERENCE
	11.0'	6/30/95		Top of PVC

SAMPLE DATA	DIST	UNDISTURBED
	X	

ELEVATION DATA	GROUND	CASING	DATUM

WELL LOG	LOG	DEPTH	BLOW COUNT	REC. (ft)	SAMPLE NUMBER	DESCRIPTION	REMARKS
		0				Asphalt 1' 0"	
		1	33	0.2		Br. - Dk. G. $, s G	PID = 0.0
			100/3"				
		2					
		3	8	0.2		R. Br. Cy$, s G	PID = 2
			6				
		4	4				
			4				
		5	8	1.6		Reddish Brown Silty CLAY/Clayey SILT (CL/ML)	
			8				
		6	5			R. Br. Cy$	PID = 26.3
			5				
		7	7	0.2			
			7				PID = 26.2
		8	4				
			2				
		9	3	0.2	93089-BEC-9D		PID = 56.8
			2				
		10	4				
			3				Water at 11' 0"
		11	3	1.2			
			5				
		12	3				

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EXPLORATORY DRILLING LOG

Page: 2 of 2	Location: BEC-9D
PROJECT: Genral Motors	PROJECT #: EOGO1-93089-02

WELL LOG	LOG	DEPTH	BLOW COUNT	REC. (ft)	SAMPLE NUMBER	DESCRIPTION	REMARKS
			3				
		13					
		14					
		15					
		16					
		17					
		18				Reddish Brown Silty CLAY/Clayey SILT (CL/ML)	
		19					
		20					
		21					
		22					Auger
						23' 0"	Refusal
		23				End of Boring 23.0'	
		24					
		25					
		26					
		27					
		28					

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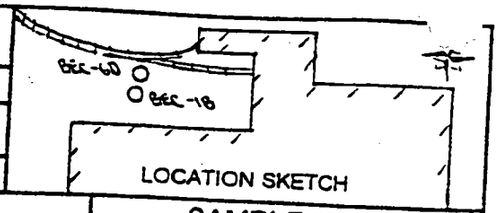
EXPLORATORY DRILLING LOG

Sheet 1 of 4	Location: BEC-1B
PROJECT: General Motors	PROJECT #: EOG01-93089-02
LOGGED BY: Yelena Skorobogatov/Keith Butler	DRILLER: Summit Drilling (Don Graham, Jr.) EQUIPMENT: Air Rotary
STARTED: June 23, 1995	FINISHED: June 28, 1995



EQUIPMENT DATA			GROUND WATER DATA				SAMPLE DATA	
	CASING	SAMPLER	DEPTH	DATE	TIME	REFERENCE	DIST	UNDISTURBED
TYPE	Steel	S/S Nx Core Barrel	7'	6/23/95	1:50	Top of PVC		
DIAM.	6-in	3-in	8.84'	7/3/95	2:05	Top of PVC		
WEIGHT	800 lb						ELEVATION DATA	
FALL							GROUND	CASING / DATUM

WELL LOG	LOG	DEPTH	BLOW COUNT	REC. (ft)	SAMPLE NUMBER	DESCRIPTION	REMARKS
		0				Asphalt and Fill 1'0"	
		1				Dk. G. SyC	
		2				Dark Gray Silty CLAY/Clayey SILT (CL/ML)	SEE NOTE BELOW
		3				Dk. G. - Ol. G. Cy$ with R. Br. Cy$, IS	
		4				5'0"	
		5				Dk. Br. fS	
		6					
		7					
		8				Dark Brown Poorly Graded SAND (SP)	
		9					
		10					
		11					
		12					

NOTE: Overburden geology based on classifications from the adjacent overburden well BEC-6D which was installed using a HSA drill log.

$9308902.B1B

EXPLORATORY DRILLING LOG

Sheet 2 of 4	Location: BEC-1B
PROJECT: General Motors	PROJECT #: EOGO1-93089-02

WELL LOG	LOG	DEPTH	BLOW COUNT	REC. (ft)	SAMPLE NUMBER	DESCRIPTION	REMARKS
		13				Dark Brown Poorly Graded SAND (SP)	
		14					
		15					
		16					
		17				18'0"	
		18				R.Br. C Reddish Brown CLAY (CL)	Auger
		19				20'0"	Refusal
		20				R. Br. Shale	Air Rotary
		21					
		22					
		23					
		24				Reddish Brown SHALE	
		25					
		26					
		27					
		28					

EXPLORATORY DRILLING LOG

Sheet 3 of 4				Location: BEC-1B			
PROJECT: General Motors				PROJECT #: EOG01-93089-02			
WELL LOG	LOG	DEPTH	BLOW COUNT	REC. (ft)	SAMPLE NUMBER	DESCRIPTION	REMARKS
		29	RUN/BOX #	REC% RQD		Reddish Brown SHALE	
		30	RUN #1 30-34	88% 12.5%		Highly fractured, with numerous calcite veins in the uppermost 12 inches. Two large vertical fractures in 31.2' to 32.5' interval with calcite filling along fracture planes. Highly weathered with greenish discoloration from 33.3' to 34'. Bedding planes 0 to 15° dip. Vertical fractures 45° dip.	Time: 2:37 - 3:05 Speed: 3.5 min/ft
		31					
		32					
		33					
		34	RUN #2 34' - 43'	98% 50%		Calcite/dolomite filling at approximatley 40'. Traces of chemical weathering from 35.5' to 36' and calcite veins reoccurring throughout. Bedding planes 15° dip. Vertical Fractures 45° to 80° dip.	Time: 4:10 - 4:45 Speed: 3.5 min/ft
		35					
		36					
		37					
		38					
		39					
		40					
		41					
		42					
		43	See Below	See Below			See Below
		44					

EXPLORATORY DRILLING LOG

Location: BEC-1B

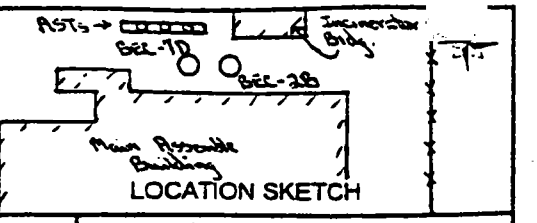
PROJECT: General Motors

PROJECT #: EOG01-93089-02

WELL LOG	LOG	DEPTH	RUN/BOX #	REC% / RQD	SAMPLE NUMBER	DESCRIPTION	REMARKS
		45	RUN #3 43' - 50'	100% / 78%		**Reddish Brown SHALE** Vertical and horizontal fracture patterns. Large vertical fracture from 43 to 44.1 feet. Calcite inclusions and traces of chemical weathering from 43' to 44.5' and from 46.5' to 47'. Calcite veins occuring throughout with a large vein at 48.5 feet. 50' 0"	Time: 4:10 - 4:45 Speed: 3.5 min/ft
		46					
		47					
		48					
		49					
		50				End of Boring 50.0' 6" Steel Pipe to 30.0'. Completion interval reamed to 6".	
		51					
		52					
		53					
		54					
		55					
		56					
		57					
		58					
		59					
		60					

EXPLORATORY DRILLING LOG

Sheet 1 of 4	Location: BEC-2B
PROJECT: General Motors	PROJECT #: EOGO1-93089-02
LOGGED BY: Yelena Skorobogatov/Keith Butler	DRILLER: Summit Drilling (Don Graham, Jr.) EQUIPMENT: Air Rotary
STARTED: June 26, 1995	FINISHED: June 27, 1995



LOCATION SKETCH

EQUIPMENT DATA			GROUND WATER DATA				SAMPLE DATA	
	CASING	SAMPLER	DEPTH	DATE	TIME	REFERENCE	DIST	UNDISTURBED
TYPE	Steel	S/S Nx Core Barrel						
DIAM.	6-in						ELEVATION DATA	
WEIGHT	800 lb						GROUND	CASING	DATUM
FALL								

WELL LOG	LOG	DEPTH	BLOW COUNT	REC. (ft)	SAMPLE NUMBER	DESCRIPTION	REMARKS
		0				Asphalt and Fill 1' 0"	SEE NOTE BELOW
		1				Bk. $yS	
		2				Black Poorly Graded Silty SAND (SM) 3' 0"	
		3				Dk. Br. $yC, s G	
		4					
		5				R. Br. $yC with lense of G.$ at 6'8"	
		6				Reddish Brown Silty CLAY/Clayey SILT (CL/ML)	
		7				Ol. G. - R. Br. $yC	
		8					
		9				R. Br. Cy$	
		10					
		11				R. Br. Cy$	
		12					

NOTE: Overburden geology based on classifications from the adjacent overburden well BEC-7D which was installed using a HSA drill log.

$9308902.B2B

EXPLORATORY DRILLING LOG

Location: BEC-2B

PROJECT: General Motors

PROJECT #: EOGO1-93089-02

WELL LOG	LOG	DEPTH	BLOW COUNT	REC. (ft)	SAMPLE NUMBER	DESCRIPTION	REMARKS
		13				Reddish Brown Silty CLAY/Clayey SILT (CL/ML)	
		14					
		15					
		16					
		17					
		18					
		19					
		20					
		21					
		22					
		23					
		24					
		25					Auger
						26' 0"	Refusal
		26				R. Br. Shale	Air Rotary
		27				Reddish Brown SHALE	
		28					

EXPLORATORY DRILLING LOG

Sheet 3 of 4	Location: BEC-2B
PROJECT: General Motors	PROJECT #: EOG01-93089-02

WELL LOG	LOG	DEPTH	BLOW COUNT	REC. (ft)	SAMPLE NUMBER	DESCRIPTION	REMARKS
		29				Reddish Brown SHALE	
		30					
		31					
		32					
		33					
		34					
		35					
		36					
		37					
		38					
		39					
			RUN/ BOX #	REC % RQD			
		40					
		41					Time: 9:01 - 9:45
		42	RUN #1 40' - 50'	100% 20%		Slightly weathered in its uppermost 2.5 ft. Green on the cleavage, with calcite veins. Bedding Planes 25° dip. Vertical Fractures 60° dip.	Speed: 3.5 min/ft
		43					
		44					

$9308902.B2B

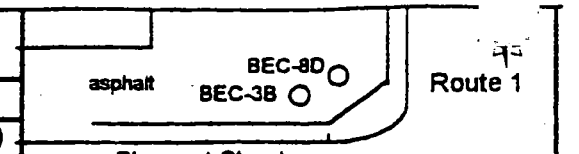
EXPLORATORY DRILLING LOG

Sheet 4 of 4				Location: BEC-2B			
PROJECT: General Motors				PROJECT #: EOG01-93089-02			
WELL LOG	LOG	DEPTH	RUN/ BOX #	REC% RQD	SAMPLE NUMBER	DESCRIPTION	REMARKS
		45	RUN #1 (continued)	RUN #1 (continued)		Reddish Brown SHALE	RUN #1 (continued)
		46					
		47					
		48					
		49					
		50	RUN #2 50' - 60'	98% 50%		Highly fractured with veins of calcite. Bedding Planes 45° dip Vertical Fractures: 45° dip	Time: 10:06 -10:46 Speed: 4.0 min/ft
		51					
		52					
		53					
		54					
		55					
		56					
		57					
		58					
		59				60' 0"	
		60				End of boring 60.0'	

$9308902.B2B

EXPLORATORY DRILLING LOG

Sheet 1 of 4	Location: BEC-3B	
PROJECT: General Motors	PROJECT #: EOGO1-93089-02	
LOGGED BY: Yelena Skorobogatov/Keith Butler	DRILLER: Summit Drilling (Don Graham, Jr.) EQUIPMENT: Air Rotary	
STARTED: June 28, 1995	FINISHED: June 28, 1995	



LOCATION SKETCH

EQUIPMENT DATA	CASING	SAMPLER
TYPE	Steel	S/S Nx Core Barrel
DIAM.	6-in	
WEIGHT	800 lb	
FALL		

GROUND WATER DATA	DEPTH	DATE	TIME	REFERENCE
	10.0 ft.	6/28/95	11:40	Top of PVC
	9.77 ft.	7/3/95	2:05	Top of PVC

SAMPLE DATA	DIST	UNDISTURBED

ELEVATION DATA	GROUND	CASING	DATUM

WELL LOG	LOG	DEPTH	BLOW COUNT	REC. (ft)	SAMPLE NUMBER	DESCRIPTION	REMARKS
		0				Asphalt and Fill 1' 0"	
		1				Or. - R. Br. $yC, s G	
		2					SEE NOTE BELOW
		3					
		4					
		5				Lt. Br. - Or. Br. Cy$/$yC with lense of G at 5'8"	
		6				R. Br. Cy$/$yC, s G R. Br. $yC	
		7					
		8				Orange to Reddish Brown Silty CLAY/ Clayey SILT (CL/ML)	
		9					
		10					
		11					
		12					

NOTE: Overburden geology based on classifications from the adjacent overburden well BEC-8D which was installed using a HSA drill log.

$9308902.B3B

EXPLORATORY DRILLING LOG

Sheet 2 of 4	Location: BEC-3B
PROJECT: General Motors	PROJECT #: EOGO1-93089-02

WELL LOG	LOG	DEPTH	BLOW COUNT	REC. (ft)	SAMPLE NUMBER	DESCRIPTION	REMARKS
		13				Reddish Brown Silty CLAY/Clayey SILT (CL/ML)	
		14					
		15					
		16					
		17					
		18					
		19					Auger
						20' 0"	Refusal
		20				R. Br. Shale	Air Rotary
		21					
		22					
		23					
		24				Reddish Brown SHALE	
		25					
		26					
		27					
		28					

EXPLORATORY DRILLING LOG

Sheet 3 of 4	Location: BEC-3B
PROJECT: General Motors	PROJECT #: EOG01-93089-02

WELL LOG	LOG	DEPTH	BLOW COUNT	REC. (ft)	SAMPLE NUMBER	DESCRIPTION	REMARKS
		29					
			RUN/BOX #	REC% RQD			
		30				Reddish Brown SHALE	Time:8:15-8:50 Speed: 4.0 min/ft
		31					
		32				Slightly weathered at points of fracture. Highly weathered near top 2 ft.	
		33				Bedding: 15° dip	
			RUN #1 30' - 38'	87% 22%		Fracture: 45°, 55°, and 0° dip	
		34					
		35					
		36					
		37					
		38					Time:9:25-9:55 Speed: 4.0 min/ft
		39					
		40				Highly weathered near top 8" with traces of chemical weathering along fracture planes.	
		41	RUN #2 38' - 44'	100% 66%		Bedding: 15° dip	
		42				Fracture: 45°, 55°, and 65° dip	
		43				44' 0"	
		44	See Below	See Below			See Below

EXPLORATORY DRILLING LOG

Location: BEC-3B

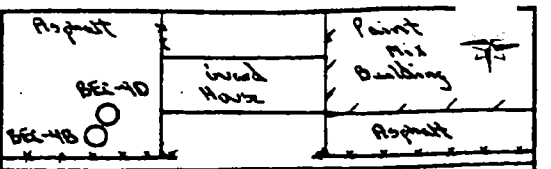
PROJECT: General Motors

PROJECT #: EOG01-93089-02

WELL LOG	LOG	DEPTH	RUN/ BOX #	REC % RQD	SAMPLE NUMBER	DESCRIPTION	REMARKS
		45					
		46					
		47	RUN #3 44'-50'	100% 35%		Reddish Brown SHALE Slight chemical weathering. Bottom 8" was not lithified and contained pieces of calcite. Bedding: 15° dip Fracture: 55° and 80° dip 50' 0"	Time: 10:20-10:40 Speed: 4.0 min/ft
		48					
		49					
		50				End of Boring 50.0'	
		51					
		52					
		53					
		54					
		55					
		56					
		57					
		58					
		59					
		60					

EXPLORATORY DRILLING LOG

Sheet 1 of 4	Location: BEC-4B
PROJECT: General Motors	PROJECT #: EOGO1-93089-02
LOGGED BY: Yelena Skorobogatov	DRILLER: Summit Drilling (Don Graham, Jr.) EQUIPMENT: Air Rotary
STARTED: June 22, 1995	FINISHED: June 23, 1995



LOCATION SKETCH

EQUIPMENT DATA			GROUND WATER DATA				SAMPLE DATA	
	CASING	SAMPLER	DEPTH	DATE	TIME	REFERENCE	DIST	UNDISTURBED
TYPE	Steel	S/S Nx Core Barrel	13 ft.	6/22/95	11:20	Top of PVC		
DIAM.	6-in	3-in	17.53 ft.	7/3/95	2:05	Top of PVC	ELEVATION DATA	
WEIGHT	800 lb						GROUND	CASING / DATUM
FALL								

WELL LOG	LOG	DEPTH	BLOW COUNT	REC. (ft)	SAMPLE NUMBER	DESCRIPTION	REMARKS
		0				Asphalt 1' 0"	
		1				Br. - Dk. G. Cy$, s G	SEE NOTE BELOW
		2					
		3				R. Br. Cy$, s G	
		4					
		5				Reddish Brown Silty CLAY/Clayey SILT (CL/ML)	
		6				R. Br. Cy$	
		7					
		8					
		9					
		10					
		11					
		12					

NOTE: Overburden geology based on classifications from the adjacent overburden well BEC-9D which was installed using a HSA drill log.

$9308902.B4B

EXPLORATORY DRILLING LOG

Sheet 2 of 4	Location: BEC-4B
PROJECT: Genral Motors	PROJECT #: EOGO1-93089-02

WELL LOG	LOG	DEPTH	BLOW COUNT	REC. (ft)	SAMPLE NUMBER	DESCRIPTION	REMARKS
		13				Reddish Brown Silty CLAY/Clayey SILT (CL/ML)	
		14					
		15					
		16					
		17					
		18					
		19					
		20					
		21					
		22				23' 0"	Auger refusal
		23				R. Br. Shale	Air Rotary
		24					
		25				Reddish Brown SHALE	
		26					
		27					
		28					

$9308902.B4B

EXPLORATORY DRILLING LOG

Sheet 3 of 4	Location: BEC-4B
PROJECT: General Motors	PROJECT #: EOG01-93089-02

WELL LOG	LOG	DEPTH	BLOW COUNT	REC. (ft)	SAMPLE NUMBER	DESCRIPTION	REMARKS
		29				Reddish Brown SHALE	
		30					
		31					
		32					
		33					
		34					
		35					
		36					
		37					
			RUN/BOX #	REC% RQD			
		38					Time: 8:40 - 9:15
		39				Moderately fractured. Vertical and horizontal fracture patterns. Large vertical fracture from 39.9' to 40.9' with calcite filling veins. Occasional calcite fillings at 45.5'. Traces of chemical weathering (greenish discoloration) along fracture planes at 46.5' and from 39' to 40'. Bedding planes 15° dip. Vertical fractures 45° and 75° dip.	
		40	RUN #1 38' - 48'	100% 80%			Speed: 3.5 min/ft
		41					
		42					
		43					
		44					

EXPLORATORY DRILLING LOG

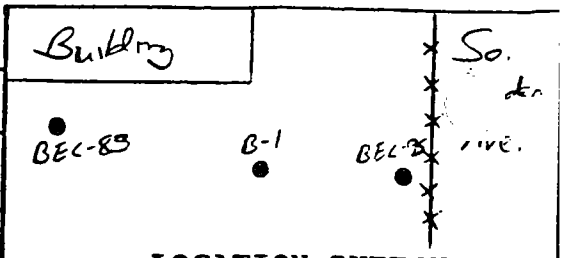
Sheet 4 of 4	Location: BEC-4B
PROJECT: General Motors	PROJECT #: EOG01-93089-02

WELL LOG	LOG	DEPTH	RUN/BOX #	REC% RQD	SAMPLE NUMBER	DESCRIPTION	REMARKS
		45	RUN #1 (Continued)	RUN #1 (Continued)			RUN #1 (Continued)
		46					
		47					
		48	RUN #2 48' - 58'	100% 90%		**Reddish Brown SHALE** Vertical and horizontal fracture patterns. Calcite filling at 50.5'. Highly fractured from 54'6" to 54'9". Occassional calcite fillings/veins along fracture planes. Bedding planes 15° dip. Vertical fractures 60° to 80° dip. 58'0"	Time: 9:15 - 9:47 Speed: 3.5 min/ft
		49					
		50					
		51					
		52					
		53					
		54					
		55					
		56					
		57					
		58				End of Boring 58.0' 6" steel pipe to 38'. Completion interval reamed to 6".	
		59					
		60					

EXPLORATORY DRILLING LOG - UNCONSOLIDATED FORMATIONS

Sheet 1 of 2 | Location: B-1

PROJECT: General Motors	PROJECT #: 89-001-03
LOGGED BY: MAG	DRILLER: N. Santana EQUIPMENT: Gus Pech Brat 22R
STARTED: November 13, 1990	FINISHED: November 13, 1990



EQUIPMENT DATA			GROUNDWATER DATA				SAMPLE DATA		
	CASING	SAMPLER	DEPTH	DATE	TIME	REFERENCE	DIST.	UNDISTURBED	
TYPE	HSA	-					×	—	
DIAM.	3 1/2"	2"					ELEVATION DATA		
WEIGHT	-	140lb					GROUND	CASING	DATUM
FALL	-	30"					—	—	—

WELL LOG	LOG	DEPTH	BLOW COUNT	REC. (FT)	SAMPLE NUMBER	DESCRIPTION	REMARKS
		0				Asphalt 0'6"	
		1	17			Rd-Br $ 1(+), fG Red Brown Gravelly SILT	
			26				
		2	23			2'6"	
			18			Gy C Grey CLAY (CL) 3'6"	
		3	5				
			6			Rd-Br $ 1(+), fG	
		4	7				
			13				
		5	41				
			19				
		6	19				
			16			Red Brown Gravelly SILT (ML)	
		7	11				
			20				
		8	25				
			8				
		9	12		89001-6001		
			11				
		10	9				
			12			Rd-Br $ 1(+), fG	
		11	10			Rd-Br $ 1(+), fG, 1(-)C	
			16				
		12	7				

DRILL1.9.89

EXPLORATORY DRILLING LOG - UNCONSOLIDATED FORMATIONS

Sheet 2 of 2

Location: B-1

CLIENT: General Motors

PROJECT #: 89-001-03

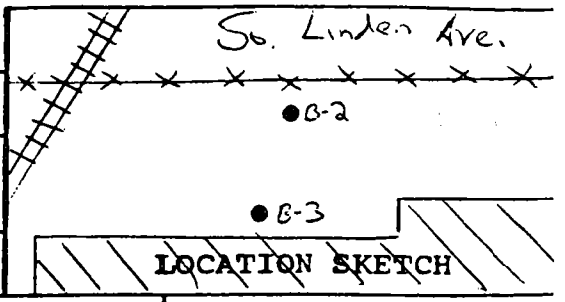
WELL LOG	LOG	DEPTH	BLOW COUNT	REC. (FT)	SAMPLE NUMBER	DESCRIPTION	REMARKS
		13	7			Rd-Br S I(-), C, t(+) fG	
			11			Red Brown Clayey SILT (ML)	
		14	10				
			14				
		15	16			15'0"	
						End of Boring @ 15'0"	
		16					
		17					
		18					
		19					
		20					
		21					
		22					
		23					
		24					
		25					
		26					
		27					
		28					
		29					
		30					
		31					
		32					
		33					
		34					
		35					

L2.9.89

EXPLORATORY DRILLING LOG – UNCONSOLIDATED FORMATIONS

Sheet 1 of 2

Location: B-2



PROJECT: General Motors	PROJECT #: 89-001-03
LOGGED BY: MAG	DRILLER: N. Santana EQUIPMENT: Gus Pech Brat 22R
STARTED: November 14, 1990	FINISHED: November 14, 1990

EQUIPMENT DATA

	CASING	SAMPLER
TYPE	HSA	SS
DIAM.	3 1/2	2"
WEIGHT	-	140lb
FALL	-	30"

GROUNDWATER DATA

DEPTH	DATE	TIME	REFERENCE

SAMPLE DATA

DIST.	UNDISTURBED

ELEVATION DATA

GROUND	CASING	DATUM

WELL LOG	LOG	DEPTH	BLOW COUNT	REC. (FT)	SAMPLE NUMBER	DESCRIPTION	REMARKS
		0				Asphalt 0'6"	
		1	3			Grm S	
			4				
		2	4				
			5				
		3	4				
			5			Green Poorly Graded SAND (SP)	
		4	6				
			8				
		5	9				
			11				
		6	10				
			12				
		7	10				
			16				
		8	11				
			8				
		9	12			Grm S 9'6"	
			11			Rd-Br $ 1(+), C	
		10	13				
			7			Red Brown Clayey SILT (ML)	
		11	9		89001-6002		
			11				
		12					

DRILL1.9.89

EXPLORATORY DRILLING LOG - UNCONSOLIDATED FORMATIONS

Location: B-2

PROJECT: General Motors

PROJECT #: 89-001-03

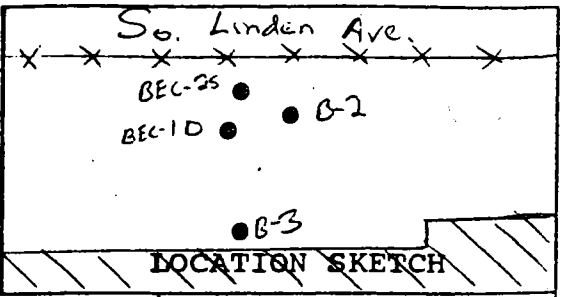
WELL LOG	LOG	DEPTH	BLOW COUNT	REC. (FT)	SAMPLE NUMBER	DESCRIPTION	REMARKS
		13				Red Brown Clayey SILT (ML)	
		14				Rd-Br $ 1(+), C 15'0"	
		15				End of Boring @ 15'0"	
		16					
		17					
		18					
		19					
		20					
		21					
		22					
		23					
		24					
		25					
		26					
		27					
		28					
		29					
		30					
		31					
		32					
		33					
		34					
		35					

EXPLORATORY DRILLING LOG – UNCONSOLIDATED FORMATIONS

Sheet 1 of 2

Location: B-3

PROJECT: General Motors	PROJECT #: 89-001-03
LOGGED BY: MAG	DRILLER: N. Santana EQUIPMENT: Gus Pech Brat 22R
STARTED: November 14, 1990	FINISHED: November 14, 1990



EQUIPMENT DATA

	CASING	SAMPLER
TYPE	HSA	SS
DIAM.	3 1/2"	2"
WEIGHT	-	140lb
FALL	-	30"

GROUNDWATER DATA

DEPTH	DATE	TIME	REFERENCE

SAMPLE DATA

DIST.	UNDISTURBED

ELEVATION DATA

GROUND	CASING	DATUM

WELL LOG	LOG	DEPTH	BLOW COUNT	REC. (FT)	SAMPLE NUMBER	DESCRIPTION	REMARKS
		0				Asphalt 0'6"	
		1	6			Br $ t(+), fG	
			10				
		2	9				
			6				
		3	4			Brown SILT (ML)	
			5				
		4	4				
			4				
		5	2			Br $ t(+), C	
			3			Rd-Br $ l(+), C	
		6	4				
			3				
		7	1				
			2				
		8	2			Red Brown Clayey SILT (ML)	
			5				
		9	5				
			6			Rd-Br C s(-) $	
		10	6			Rd-Br C s(-), $	
			6				
		11	6			Red Brown Silty CLAY (CL)	
			10				
		12	16				

DRILL1.9.89

EXPLORATORY DRILLING LOG - UNCONSOLIDATED FORMATIONS

Location: B-3

T:General Motors

PROJECT #: 89-001-03

WELL LOG	LOG	DEPTH	BLOW COUNT	REC. (FT)	SAMPLE NUMBER	DESCRIPTION	REMARKS
		13	13			Red Brown Silty CLAY (CL)	
			6				
		14	8				
			9			Rd-Br C s(-), $	
		15	11			End of Boring @ 15'0"	
		16					
		17					
		18					
		19					
		20					
		21					
		22					
		23					
		24					
		25					
		26					
		27					
		28					
		29					
		30					
		31					
		32					
		33					
		34					
		35					

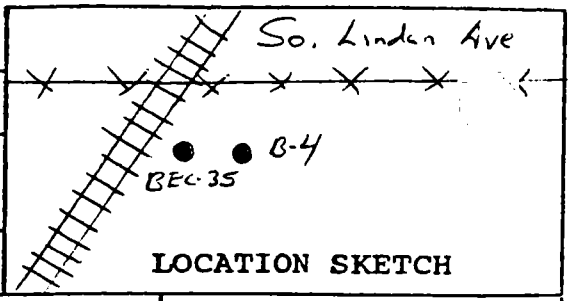
LL2.9.89

EXPLORATORY DRILLING LOG - UNCONSOLIDATED FORMATIONS

Sheet 1 of 2

Location: B-4

PROJECT: General Motors	PROJECT #: 89-001-03
LOGGED BY: MAG	DRILLER: N. Santana EQUIPMENT: Gus Pech Brat 22R
STARTED: November 14, 1990	FINISHED: November 14, 1990



LOCATION SKETCH

EQUIPMENT DATA			GROUNDWATER DATA				SAMPLE DATA	
	CASING	SAMPLER	DEPTH	DATE	TIME	REFERENCE	DIST.	UNDISTURBED
TYPE	HSA	SS						
DIAM.	3 1/2	2"					ELEVATION DATA	
WEIGHT	-	140lb					GROUND	CASING / DATUM
FALL	-	30"						

WELL LOG	LOG	DEPTH	BLOW COUNT	REC. (FT)	SAMPLE NUMBER	DESCRIPTION	REMARKS
		0				Asphalt 0'6"	
						Rd-Br $ 1(-),C	
		1	10				
			15				
		2	14				
			11				
		3	4				
			10				
		4	15			Red Brown Clayey SILT (ML)	
			16				
		5	7				
			11				
		6	18				
			19				
		7	10				
			16				
		8	17				
			12				
		9	3		89001-6004		
			3				
		10	6				
			7			Rd-Br $ 1(-), C	
		11	4			Rd-Br cfS, t(+) $	
			5				
		12	11				

DRILL1.9.89

EXPLORATORY DRILLING LOG - UNCONSOLIDATED FORMATIONS

Sheet 2 of 2

Location: B-4

:T: General Motors

PROJECT #: 89-001-03

WELL LOG	LOG	DEPTH	BLOW COUNT	REC. (FT)	SAMPLE NUMBER	DESCRIPTION	REMARKS
		13	16			Red Brown Well Sorted Silty SAND (SM)	
			9				
		14	14				
			17			Rd-Br cf S, t(+) $ 15'0"	
		15	25				
						End of Boring @ 15'0"	
		16					
		17					
		18					
		19					
		20					
		21					
		22					
		23					
		24					
		25					
		26					
		27					
		28					
		29					
		30					
		31					
		32					
		33					
		34					
		35					

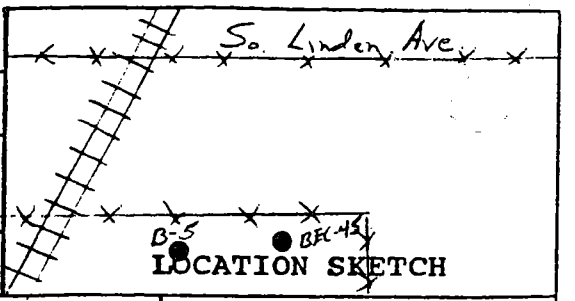
L2.9.89

EXPLORATORY DRILLING LOG - UNCONSOLIDATED FORMATIONS

Sheet 1 of 2

Location: B-5

PROJECT: General Motors	PROJECT #: 89-001-03
LOGGED BY: MAG	DRILLER: N. Santana EQUIPMENT: Gus Pech Brat 22R
STARTED: November 14, 1990	FINISHED: November 14, 1990



LOCATION SKETCH

EQUIPMENT DATA			GROUNDWATER DATA				SAMPLE DATA		
	CASING	SAMPLER	DEPTH	DATE	TIME	REFERENCE	DIST.	UNDISTURBED	
TYPE	HSA	SS							
DIAM.	3 1/2	2"					ELEVATION DATA		
WEIGHT	-	140lb					GROUND	CASING	DATUM
FALL	-	30"							

WELL LOG	LOG	DEPTH	BLOW COUNT	REC. (FT)	SAMPLE NUMBER	DESCRIPTION	REMARKS
		0	5			Asphalt 0'6" Rd-Br $ t(+), C	
		1	10				
			11				
		2	18				
			7				
		3	18				
			20				
		4	23				
			5			Red Brown Clayey SILT (ML)	
		5	4				
			4				
		6	8				
			10				
		7	12				
			9				
		8	10				
			7				
		9	9			Rd-Br $ t(+), C 9'6" Rd-Br cfS, 1(-)$	
			11				
		10	12				
			1				
		11	3			Red Brown Well Sorted Silty SAND (SM)	
			4		89001-		
		12			6005		

DRILL1.9.89

EXPLORATORY DRILLING LOG - UNCONSOLIDATED FORMATIONS

Sheet 2 of 2

Location: B-5

PROJECT: General Motors

PROJECT #: 89-001-03

WELL LOG	LOG	DEPTH	BLOW COUNT	REC. (FT)	SAMPLE NUMBER	DESCRIPTION	REMARKS
		13	5 7			Red Brown Well Sorted Silty SAND (SM)	
		14	5 3			Rd-Br cfS, 1(-)$	
		15	4			End of Boring @ 15'0"	
		16					
		17					
		18					
		19					
		20					
		21					
		22					
		23					
		24					
		25					
		26					
		27					
		28					
		29					
		30					
		31					
		32					
		33					
		34					
		35					

12.9.89

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Log of Boring SB-1

PROJECT: *General Motors – Linden*	LOCATION: *Linden, New Jersey*
PROJECT NO.: *E0G01-93089-02*	DEPTH TO WATER: *11 feet BGS*
DATE STARTED: *October 7, 1996*	DIAMETER OF HOLE: *4 inches*
DATE FINISHED: *October 7, 1996*	HAMMER WEIGHT: *30 lbs.*
DRILLING METHOD: *Hollow Stem Auger*	TOTAL DEPTH: *26 Feet*
DRILLING COMPANY: *Wilson Driling*	GEOLOGIST: *Keith Butler*

DEPTH feet	RECOVERY %	BLOWS	PID (ppm) VALUES	PID (ppm) PROFILE 1–1500	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	REMARKS
							ASPHALT	
	50	11 6 4	0.0			MH	BACKFILL	
	60	6 6 6	0.5			ML	Br. $, s. (–) f–mS, t. (–)G Brown SILT	
5	50	10 15 5	0.8				Rd. Br. Cy$ Red Brown Clayey SILT	
	70	8 14 8	4.8					
10	10	4 4 6	4.8			CL	Rd. Br. $yC	▼ @ 11 feet BGS Sample no. 93089-610 11'–13' interval
	50	8 8 6	0.0					
15	5	13 11 2	0.0				Red Brown Silty CLAY	
	10	2 2 3	0.0					
	90	3 2 2	0.0					
20	100	1 4 4	1.3			SM	Rd. Br. fmcS, s. (+)$, t. (–)G Red Brown Silty SAND	
	50	3 5 8	0.0					
25	100	11 12 22	0.0				Red Brown Weathered SHALE	
	60	17 17 24	0.0					
30		23 8 15					TOTAL DEPTH OF BORING = 26 FEET BGS	
35		17 14 7						
		15 17 17						
		17 13 53						

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Log of Boring SB-2

PROJECT: *General Motors - Linden*	LOCATION: *Linden, New Jersey*
PROJECT NO.: *EOG01-93089-02*	DEPTH TO WATER: *8.5 feet BGS*
DATE STARTED: *October 7, 1996*	DIAMETER OF HOLE: *4 inches*
DATE FINISHED: *October 7, 1996*	HAMMER WEIGHT: *30 lbs.*
DRILLING METHOD: *Hollow Stem Auger*	TOTAL DEPTH: *28.5 Feet*
DRILLING COMPANY: *Wilson Driling*	GEOLOGIST: *Keith Butler*

DEPTH feet	RECOVERY %	BLOWS	PID (ppm) VALUES	PID (ppm) PROFILE 1 – 1500	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	REMARKS
							ASPHALT	
	80	10 10 6 4	1.7			MH	BACKFILL	
	60	6 7 10 14	9.8			ML	Br. $, s. (-) f-mS, t. (-)G Brown SILT	Sample no. 93089-6102 at 3'-5' interval
5	40	7 7 8 8	0.0				Rd. Br. Cy$ Red Brown Clayey SILT	
	80	6 6 8 8	0.0			CL		⊻ @ 8.5 feet BGS
10	70	8 7 4 6	2.2			SM	Rd. Br. $yC Red Brown Silty CLAY	
	50	8 9 15 7	0.0				Rd. Br. fmcS, s. (+)$, t. (-)G Red Brown Silty SAND	
15	100	18 8 7 15	0.0			CH	Rd. Gr. C Red Gray CLAY	
	10	16 6 2 1	0.0			CL	Bk. $yC Black Silty CLAY	
20	50	2 5 9 7	0.0			SM	Rd. Br. fmcS, s. (+)$, t. (+)fG Red Brown Silty SAND	
	100	9 7 13 8	0.0			CL	Rd. Br. $yC Red Brown Silty CLAY	
25	70	10 2 4 3	0.0				Red Brown Weathered SHALE	
	0	14 9 7 17	0.0					
30	90	4 9 17 13	0.0				TOTAL DEPTH OF BORING = 28.5 FEET BGS	
	50	21 8 10 12	0.0					
35		47						

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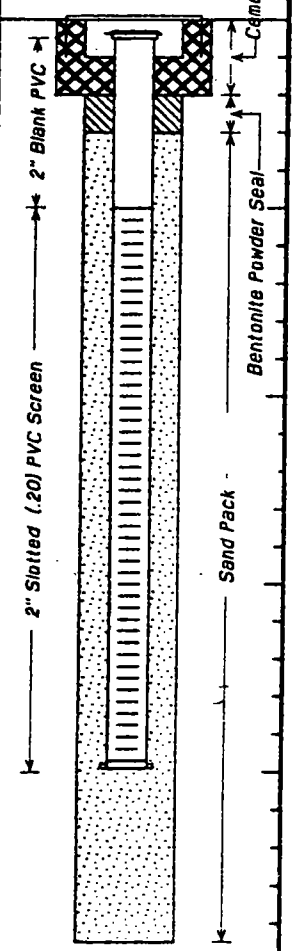
Log of Monitoring Well SB-3/P-3

PROJECT: *General Motors - Linden*	LOCATION: *Linden, New Jersey*
PROJECT NO.: *E0G01-93089-02*	DEPTH TO WATER: *8 feet BGS*
DATE STARTED: *October 8, 1996*	DIAMETER OF HOLE: *4 inches*
DATE FINISHED: *October 8, 1996*	HAMMER WEIGHT: *30 lbs.*
DRILLING METHOD: *Hollow Stem Auger*	TOTAL DEPTH: *24.5 Feet*
DRILLING COMPANY: *Wilson Driling*	GEOLOGIST: *Keith Butler*

DEPTH feet	RECOVERY %	BLOWS	PID (ppm) VALUES	PID (ppm) PROFILE (1 – 1500)	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION
							ASPHALT
						ML	BACKFILL
	50	8 5 7	783.1				Rd. Br. Cy$
	50	6 9 5	1419.0				Sample no. 93089-6103A at 3'-5' interval Gray CLAY layer between 4'-5'
5	80	5 7 8	236.0				Red Brown Clayey SILT
	50	8 11 5	239.2				▼ @ 8 feet BGS
	90	4 4 5	1419.0				Sample no. 93089-6103B at 9'-11'
10	90	7 6 7	07.6			SM	
	100	5 15 10	179.6				Rd. Br. cmfS, s. (+)$, s. (-)f.G
15	100	9 9 10	0.0				Red Brown Silty SAND
	100	9 12 16	0.0				
20	50	16 7 14	0.0			CL	
	60	8 10 12	0.0				Rd. Br. $yC Red Brown Silty CLAY
	80	8 16 21	0.0				Red Brown Weathered SHALE
25		15 16 16					TOTAL DEPTH OF BORING = 24.5 FEET BGS
		14 5 5					
		7 12 8					
		25 34 50					
30							
35							

WELL DIAGRAM



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Log of Boring SB-4

PROJECT: *General Motors – Linden*	LOCATION: *Linden, New Jersey*
PROJECT NO.: *EOG01-93089-02*	DEPTH TO WATER: *6 feet BGS*
DATE STARTED: *October 8, 1996*	DIAMETER OF HOLE: *4 inches*
DATE FINISHED: *October 8, 1996*	HAMMER WEIGHT: *30 lbs.*
DRILLING METHOD: *Hollow Stem Auger*	TOTAL DEPTH: *11 Feet*
DRILLING COMPANY: *Wilson Driling*	GEOLOGIST: *Keith Butler*

DEPTH feet	RECOVERY %	BLOWS	PID (ppm) VALUES	PID (ppm) PROFILE 1 – 1500	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	REMARKS
							ASPHALT	
						ML	BACKFILL	
	70	4 5 5	0.0				Rd. Br. Cy$	
	90	5 5 11	0.0				Red Brown Clayey SILT	
5		14 17				SM		Sample no. 93089-6104 at 5'-7' interval
	70	5 10 20	20.0				Rd. Br. cmfS, a. (+)$, s. (-)f.G	▼ @ 6 feet BGS
	100	28 14 15	7.9				Red Brown Silty SAND	
10	100	15 15 9	6.8					
		12 14 14					TOTAL DEPTH OF BORING = 11 FEET BGS	
15								
20								
25								
30								
35								

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Log of Boring SB-5

PROJECT: *General Motors - Linden*	LOCATION: *Linden, New Jersey*
PROJECT NO.: *E0G01-93089-02*	DEPTH TO WATER: *9 feet BGS*
DATE STARTED: *October 9, 1996*	DIAMETER OF HOLE: *4 inches*
DATE FINISHED: *October 9, 1996*	HAMMER WEIGHT: *30 lbs.*
DRILLING METHOD: *Hollow Stem Auger*	TOTAL DEPTH: *11 Feet*
DRILLING COMPANY: *Wilson Driling*	GEOLOGIST: *Keith Butler*

DEPTH feet	RECOVERY %	BLOWS	PID (ppm) VALUES	PID (ppm) PROFILE 1 – 1500	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	REMARKS
							ASPHALT	
							BACKFILL	Spoon could not be driven between 1'-3' due to a cobble
						CH	Gr. Bk. C Gray Black CLAY	
5	80	4 6 4 6 5 5 9 9 2 3 4 7 8 12 13 8	84.4					Sample no. 93089-6105 at 3'-5' interval
	90		0.0			ML	Rd. Br. Cy$	
	40		0.0				Red Brown Clayey SILT	▼ @ 9 feet BGS
10	25		0.0					
							TOTAL DEPTH OF BORING = 11 FEET BGS	
15								
20								
25								
30								
35								

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Log of Boring SB-6

PROJECT: *General Motors – Linden*	LOCATION: *Linden, New Jersey*
PROJECT NO.: *EOG01-93089-02*	DEPTH TO WATER: *8.5 feet BGS*
DATE STARTED: *October 9, 1996*	DIAMETER OF HOLE: *4 inches*
DATE FINISHED: *October 9, 1996*	HAMMER WEIGHT: *30 lbs.*
DRILLING METHOD: *Hollow Stem Auger*	TOTAL DEPTH: *11 Feet*
DRILLING COMPANY: *Wilson Driling*	GEOLOGIST: *Keith Butler*

DEPTH feet	RECOVERY %	BLOWS	PID (ppm) VALUES	PID (ppm) PROFILE 1–1500	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	REMARKS
	60	11 15 14	0.0			CH	ASPHALT BACKFILL Gr. Bk. C	
5	80	7 6 7	0.0			ML	Gray Black CLAY	
	40	12 17 8	0.0				Rd. Br. Cy$	
	50	15 8 9	0.0				Red Brown Clayey SILT	▼ @ 8.5 feet BGS Sample no. 93089-6106 at 7'-9' interval
10	100	7 10 11	0.0					
		12 11 12					TOTAL DEPTH OF BORING = 11 FEET BGS	
		14 15						
15								
20								
25								
30								
35								

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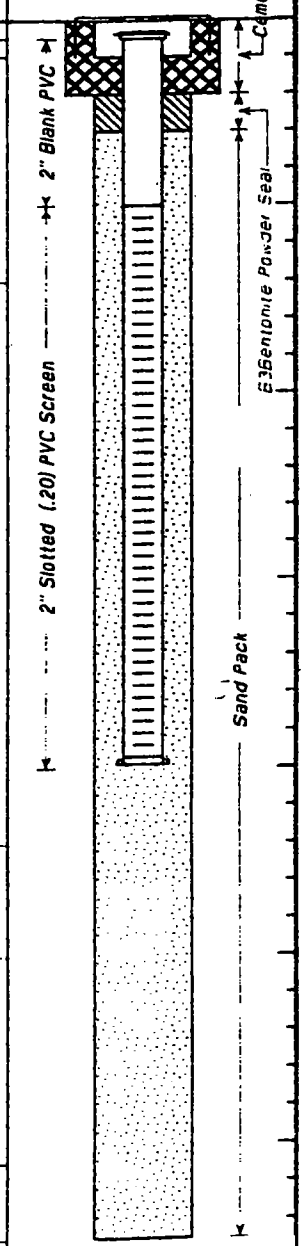
Log of Monitoring Well SB-7/P-4

PROJECT: *General Motors - Linden*	LOCATION: *Linden, New Jersey*
PROJECT NO.: *EOG01-93089-02*	DEPTH TO WATER: *9 feet BGS*
DATE STARTED: *October 9, 1996*	DIAMETER OF HOLE: *4 inches*
DATE FINISHED: *October 9, 1996*	HAMMER WEIGHT: *30 lbs.*
DRILLING METHOD: *Hollow Stem Auger*	TOTAL DEPTH: *32.5 Feet*
DRILLING COMPANY: *Wilson Driling*	GEOLOGIST: *Keith Butler*

DEPTH feet	RECOVERY %	BLOWS	PID (ppm) VALUES	PID (ppm) PROFILE 1 – 1500	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION
		7 8 10					ASPHALT
	5	17 10 8				ML	BACKFILL
	5	12 3 2					Rd. Br. Cy$
5	5	2 3	0.0				Red Brown Clayey SILT
	50	9 11 15 17	0.0			SW	
10	100	15 14	0.0				Rd. Br. [illegible]
	90	11 2 2	0.0				▼ [illegible] feet BGS
	100	2 4 7 8	0.0				
15	60	12 14 2 2	0.0				Red Brown Well-Graded SAND
	100	4 5 5 6	0.0				
20	100	15 11 7 9	0.0				
	100	15 10 18	0.0			ML	Rd. Br. Cy$
	100	9 11 14	0.0				Red Brown Clayey SILT
25	90	9 11 13 15	0.0			CL	Rd. Br.
	100	10 11 13	0.0				Red Brown CLAY
30	100	14 4 3 10 14 16 23 28 30	0.0				Sample [illegible]
							Red Brown Weathered SHALE
35							[illegible]

WELL DIAGRAM



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Log of Boring SB-8

PROJECT: *General Motors - Linden*	LOCATION: *Linden, New Jersey*
PROJECT NO.: *EOG01-93089-02*	DEPTH TO WATER: *8 feet BGS*
DATE STARTED: *October 10, 1996*	DIAMETER OF HOLE: *4 inches*
DATE FINISHED: *October 10, 1996*	HAMMER WEIGHT: *30 lbs.*
DRILLING METHOD: *Hollow Stem Auger*	TOTAL DEPTH: *28.5 Feet*
DRILLING COMPANY: *Wilson Driling*	GEOLOGIST: *Keith Butler*

DEPTH feet	RECOVERY %	BLOWS	PID (ppm) VALUES	PID (ppm) PROFILE 1 1500	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	REMARKS
							ASPHALT	
						SM	BACKFILL	
	80	20 29 31 16	0.0				Rd. Br. fmc.S. s. (+)S. l. (-)G	
	10	7 16 35	0.0					
5	50	12 5 7 11	14.9					Sample no. 93089-6108A at 5'-7' interval
	100	17 16 13	0.0					
10	90	13 15 16 13	0.0					▼ @ 9.5 feet BGS
	10	13 15 17	0.0				Red Brown Silty SAND	
	0	6 12 10	0.0					
15	5	9 12 18 16	0.0				Gray CLAY layer between 7'-8.5'	
	100	5 6 8	0.0			SW	Rd. Br. fmc.S. l. (+) S. l. (-) G	
20	100	8 7 17 7	0.0				Red Brown Well-Graded SAND	
	100	63 13 15	0.0					
	100	10 12 13 7	0.0					
25	100	7 10 14	0.0					
	80	12 15 15 14	0.0					Sample no. 93089-6108B at 27'-29' interval
30		18 15 33 25 41					Red Brown Weathered SHALE	
35								

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Log of Boring SB-9

PROJECT: *General Motors - Linden*	LOCATION: *Linden, New Jersey*
PROJECT NO.: *EOG01-93089-02*	DEPTH TO WATER: *8 feet BGS*
DATE STARTED: *October 10, 1996*	DIAMETER OF HOLE: *4 inches*
DATE FINISHED: *October 10, 1996*	HAMMER WEIGHT: *30 lbs.*
DRILLING METHOD: *Hollow Stem Auger*	TOTAL DEPTH: *9 Feet*
DRILLING COMPANY: *Wilson Drilling*	GEOLOGIST: *Keith Butler*

DEPTH feet	RECOVERY %	BLOWS	PID (ppm) VALUES	PID (ppm) PROFILE 1500	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	REMARKS
							ASPHALT	
						ML	BACKFILL	Could not drive splitspoon between 1'-3'
							Rd. Br. CyS Red Brown Clayey SILT	
5	25	3 4 3 4	62.4				Gray CLAY layer between 4.5'-5.5'	
	80	5 4 5	22.6			SP	Rd. Br. mS Red Brown Poorly-Graded SAND	
	50	18 18 30 33 22	82.7				Gray CLAY layer between [illegible]-8.5'	▼ @ 8 feet BGS; Sample no. 93089-6100 at 7'-9' interval
10							TOTAL DEPTH OF BORING [illegible] FEET [illegible]	
15								
20								
25								
30								
35								

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Log of Boring SB-10

PROJECT: *General Motors - Linden*	LOCATION: *Linden, New Jersey*
PROJECT NO.: *E0G01-93089-02*	DEPTH TO WATER: *8.5 feet BGS*
DATE STARTED: *October 10, 1996*	DIAMETER OF HOLE: *4 inches*
DATE FINISHED: *October 10, 1996*	HAMMER WEIGHT: *30 lbs.*
DRILLING METHOD: *Hollow Stem Auger*	TOTAL DEPTH: *25 Feet*
DRILLING COMPANY: *Wilson Driling*	GEOLOGIST: *Keith Butler*

DEPTH feet	RECOVERY %	BLOWS	PID (ppm) VALUES	PID (ppm) PROFILE (1 – 1500)	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	REMARKS
							ASPHALT	
						SP	BACKFILL	
							Rd. Br. mS	
5	50	4 3 4	17.4				Red Brown Poorly-Graded SAND	
	80	4 4 4	19.9					
		7 10					Gray CLAY layer between 5'-6.5'	
	70	10 11	25.4					▼ @ 8.5 feet BGS
10	100	10 11	53.2			SM		
		3 3					Rd. Br. fmcS, a. 1-15	
	100	5 9	88.4					
	100	10 12 15	80.2					
15	100	16 10 14 14	202.2				Red Brown Silty SAND	Sample no. 93089-6110A at 15'-17' interval
	100	19 8 9	62.3					
20	100	8 9 9	19.2					Sample no. 93089-6110B at 17'-19' interval
	100	15 15 20 11	4.0					
	100	8 7 16	15.2					
25		18 20 19					Red Brown Weathered SHALE	
		57 10					TOTAL DEPTH OF BORING = 25 FEET BGS	
		11 24 60						
30								
35								

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Log of Boring SB-11

PROJECT: *General Motors - Linden*	LOCATION: *Linden, New Jersey*
PROJECT NO.: *EOG01-93089-02*	DEPTH TO WATER: *8 feet BGS*
DATE STARTED: *October 10, 1996*	DIAMETER OF HOLE: *4 inches*
DATE FINISHED: *October 10, 1996*	HAMMER WEIGHT: *30 lbs.*
DRILLING METHOD: *Hollow Stem Auger*	TOTAL DEPTH: *9 Feet*
DRILLING COMPANY: *Wilson Driling*	GEOLOGIST: *Keith Butler*

DEPTH feet	RECOVERY %	BLOWS	PID (ppm) VALUES	PID (ppm) PROFILE 1 1500	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	REMARKS
							ASPHALT	
							BACKFILL	
							Buried metal and debris	
	60	4 3 3 2	2.4			ML	Rd. Br. Cy$ Red Bown Clayey SILT	No sample collected from SB-11
5	70	4 4 5 7	3.4			CH	Gr. C Gray CLAY	▼ @ 8 feet BGS
	90	7 14 15 19	2.6			SM	Rd. Br. cmf$, t. [illegible] Red Brown Silty SAND	
10							TOTAL DEPTH OF BORING = 9 FEET [illegible]	
15								
20								
25								
30								
35								

BELL ENVIRONMENTAL CONSULTANTS, INC.
114 Beach Street, Rockaway, New Jersey

Log of Boring SB-12

PROJECT: *General Motors - Linden*	LOCATION: *Linden, New Jersey*
PROJECT NO.: *E0G01-93089-02*	DEPTH TO WATER: *9 feet BGS*
DATE STARTED: *October 10, 1996*	DIAMETER OF HOLE: *4 inches*
DATE FINISHED: *October 10, 1996*	HAMMER WEIGHT: *30 lbs.*
DRILLING METHOD: *Hollow Stem Auger*	TOTAL DEPTH: *10 Feet*
DRILLING COMPANY: *Wilson Driling*	GEOLOGIST: *Keith Butler*

DEPTH feet	RECOVERY %	BLOWS	PID (ppm) VALUES	PID (ppm) PROFILE (1 – 1500)	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	REMARKS
							ASPHALT	
							BACKFILL	
	50	17 29 20	0.0			ML	Rd. Br. Cy$ Red Brown Clayey SILT	
5	0	11 5 2					Zero Recovery	
	15	8 4 2	9.2			CH	Bk. Gr. C: Black Gray CLAY	Sample no. 93089-6112 at 6'-8' interval
10	20	3 4 8 13 13 15 15 15	2.4				TOTAL DEPTH OF BORING = 10 FEET BGS	▼ @ 9 feet BGS
15								
20								
25								
30								
35								

BELL ENVIRONMENTAL CONSULTANTS, INC.
114 Beach Street, Rockaway, New Jersey

Log of Boring SB-13

PROJECT: *General Motors - Linden*	LOCATION: *Linden, New Jersey*
PROJECT NO.: *EOG01-93089-02*	DEPTH TO WATER: *9 feet BGS*
DATE STARTED: *October 10, 1996*	DIAMETER OF HOLE: *4 inches*
DATE FINISHED: *October 10, 1996*	HAMMER WEIGHT: *30 lbs.*
DRILLING METHOD: *Hollow Stem Auger*	TOTAL DEPTH: *18 Feet*
DRILLING COMPANY: *Wilson Driling*	GEOLOGIST: *Keith Butler*

DEPTH feet	RECOVERY %	BLOWS	PID (ppm) VALUES	PID (ppm) PROFILE 1 – 1500	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	REMARKS
							ASPHALT	
							BACKFILL	
		12				MH		
		10						
	90	13	3.0				Br. $, a. (+) fS	
		15					Brown SILT	
		12						
5	50	10	11.0					
		11						
		14				CL	Gy. C	
		6						
	90	9	3.2			ML	Gray CLAY	
		9						
		13				SM	Rd. Br. Cy$	▼ 9.0 feet BGS
		11						
	100	15	17.2				Red Brown Clayey SILT	Sample no. 93089-6113A at 8'-10' interval
10		16						
		28					Rd. Br. [illegible]	
	50	2	7.9					
		7						
		9						
		16						
	100	10	5.1				Red Brown Silty SAND	Sample no. 93089-6113B at 14'-16' interval
		14						
		12						
15	100	16	0.5					
		9						
		12						
	100	16	0.0					
		17						
							TOTAL DEPTH OF BORING = 18 FEET BGS	
20								
25								
30								
35								

BELL ENVIRONMENTAL CONSULTANTS, INC. 114 Beach Street, Rockaway, New Jersey	Log of Boring SB-14
PROJECT: *General Motors - Linden*	LOCATION: *Linden, New Jersey*
PROJECT NO.: *EOG01-93089-02*	DEPTH TO WATER: *10 feet BGS*
DATE STARTED: *October 11, 1996*	DIAMETER OF HOLE: *4 inches*
DATE FINISHED: *October 11, 1996*	HAMMER WEIGHT: *30 lbs.*
DRILLING METHOD: *Hollow Stem Auger*	TOTAL DEPTH: *12 Feet*
DRILLING COMPANY: *Wilson Driling*	GEOLOGIST: *Keith Butler*

DEPTH feet	RECOVERY %	BLOWS	PID (ppm) VALUES	PID (ppm) PROFILE 1 1500	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	REMARKS
							ASPHALT	
							BACKFILL	
	80	5 4 6 7	2.0			ML	Rd. Br. Cy$	
5	25	9 6 8	3.6				Red Brown Clayey SILT	No sample collected from SB-14
	25	7 7 5	3.0				Black Green CLAY layer between 5'-6'	
	80	4 3 5	1.9			SM	Rd. Br. fS, s, t+$	
10	30	10 12 18 40	1.6				Red Brown Silty SAND	▼ @ 10 feet BGS
		22 22 20					TOTAL DEPTH OF BORING = 12 FEET BGS	
15								
20								
25								
30								
35								

BELL ENVIRONMENTAL CONSULTANTS, INC.
114 Beach Street, Rockaway, New Jersey

Log of Boring SB-15

PROJECT: *General Motors - Linden*	LOCATION: *Linden, New Jersey*
PROJECT NO.: *EOG01-93089-02*	DEPTH TO WATER: *8 feet BGS*
DATE STARTED: *October 11, 1996*	DIAMETER OF HOLE: *4 inches*
DATE FINISHED: *October 11, 1996*	HAMMER WEIGHT: *30 lbs.*
DRILLING METHOD: *Hollow Stem Auger*	TOTAL DEPTH: *9 Feet*
DRILLING COMPANY: *Wilson Drilling*	GEOLOGIST: *Keith Butler*

DEPTH feet	RECOVERY %	BLOWS	PID (ppm) VALUES	PID (ppm) PROFILE (1 – 1500)	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	REMARKS
							ASPHALT	
						SP	BACKFILL	
	80	5 11 11	0.4				Rd. Br. mfS	
	50	12 10 10	1.5					No sample collected from SB-15
5		8 10					Red Brown Poorly-Graded SAND	
	90	4 7 8	1.5					
	100	9 7 8	1.0					▼ @ 8 feet BGS
10		8 6					TOTAL DEPTH OF BORING – 9 FEET BGS	
15								
20								
25								
30								
35								

BELL ENVIRONMENTAL CONSULTANTS, INC. 114 Beach Street, Rockaway, New Jersey	Log of Boring SB-16
PROJECT: *General Motors - Linden*	LOCATION: *Linden, New Jersey*
PROJECT NO.: *EOG01-93089-02*	DEPTH TO WATER: *8 feet BGS*
DATE STARTED: *October 11, 1996*	DIAMETER OF HOLE: *4 inches*
DATE FINISHED: *October 11, 1996*	HAMMER WEIGHT: *30 lbs.*
DRILLING METHOD: *Hollow Stem Auger*	TOTAL DEPTH: *12 Feet*
DRILLING COMPANY: *Wilson Driling*	GEOLOGIST: *Keith Butler*

DEPTH feet	RECOVERY %	BLOWS	PID (ppm) VALUES	PID (ppm) PROFILE (1 – 1500)	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	REMARKS
							ASPHALT	
							BACKFILL	
	70	8 8 8 5 10 8 17 12 10 9 4 5 3 3 2 3 3 3 3 4	5.5			SP	Rd. Br. mfS	
5	50		6.7				Red Brown Poorly-Graded SAND	
	85		8.9					▼ @ 8 feet BGS
	0							Sample no. 93089-6116 at 6'-8' interval
10	50		0.0					
							TOTAL DEPTH OF BORING = 12 FEET BGS	
15								
20								
25								
30								
35								

BELL ENVIRONMENTAL CONSULTANTS, INC.
114 Beach Street, Rockaway, New Jersey

Log of Boring SB-17

PROJECT: *General Motors - Linden*	LOCATION: *Linden, New Jersey*
PROJECT NO.: *E0G01-93089-02*	DEPTH TO WATER: *8 feet BGS*
DATE STARTED: *October 11, 1996*	DIAMETER OF HOLE: *4 inches*
DATE FINISHED: *October 11, 1996*	HAMMER WEIGHT: *30 lbs.*
DRILLING METHOD: *Hollow Stem Auger*	TOTAL DEPTH: *11 Feet*
DRILLING COMPANY: *Wilson Driling*	GEOLOGIST: *Keith Butler*

DEPTH feet	RECOVERY %	BLOWS	PID (ppm) VALUES	PID (ppm) PROFILE (1 – 1500)	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	REMARKS
							ASPHALT	
	90	6 6 6 10	10.8			ML	BACKFILL	
	90	12 9 10 15	4.3			SP	Rd. Br Cy$ Red Brown Clayey SILT	
5	50	5 6 9 8	15.2				Rd. Br. fS Red Brown Poorly-Graded SAND	
	50	8 6 5 4	18.2				Gray CLAY lense at 10.5'	▼ @ 8 feet BGS; Sample no. 93089-6117 at 7'-9' interval
10	60	3 5 6 4	0.7				TOTAL DEPTH OF BORING = 8 FEET BGS	
15								
20								
25								
30								
35								

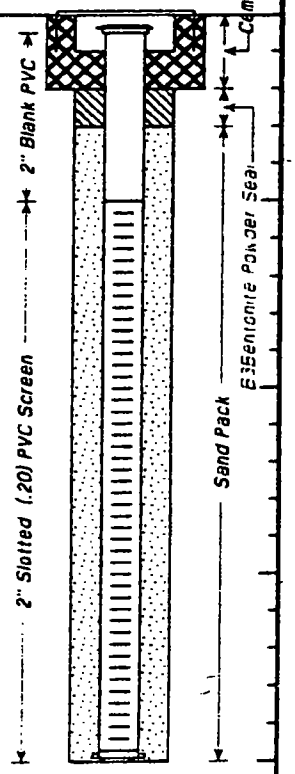
BELL ENVIRONMENTAL CONSULTANTS, INC.
114 Beach Street, Rockaway, New Jersey

Log of Monitoring Well SB-18/P-1

PROJECT: *General Motors - Linden*	LOCATION: *Linden, New Jersey*
PROJECT NO.: *E0G01-93089-02*	DEPTH TO WATER: *9.5 feet BGS*
DATE STARTED: *October 11, 1996*	DIAMETER OF HOLE: *4 inches*
DATE FINISHED: *October 11, 1996*	HAMMER WEIGHT: *30 lbs.*
DRILLING METHOD: *Hollow Stem Auger*	TOTAL DEPTH: *17 Feet*
DRILLING COMPANY: *Wilson Driling*	GEOLOGIST: *Keith Butler*

DEPTH feet	RECOVERY %	BLOWS	PID (ppm) VALUES	PID (ppm) PROFILE (1 – 1500)	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION
						ML	ASPHALT BACKFILL
5	60	10 16 13	2.4				Red Br. Clys
	80	16 8 11	0.0				Red Brown Clayey SILT
	80	17 18 8	6.0			SP	
10	60	5 5 8	21.3				Red Br. m ▼ = 9.5 feet BGS
	60	8 9 9	28.2				Red Brown Poorly-Graded SAND
15	100	8 5 3	4.9				
	60	3 3 4	1.7				
		3 4 3					TOTAL DEPTH OF BORING = 17 FEET BGS
20		2 1 5					Hole finished to 17' to install well
25							
30							
35							

WELL DIAGRAM



BELL ENVIRONMENTAL CONSULTANTS, INC.
114 Beach Street, Rockaway, New Jersey

Log of Boring SB-19

PROJECT: *General Motors – Linden*	LOCATION: *Linden, New Jersey*
PROJECT NO.: *E0G01-93089-02*	DEPTH TO WATER: *8 feet BGS*
DATE STARTED: *October 14, 1996*	DIAMETER OF HOLE: *4 inches*
DATE FINISHED: *October 14, 1996*	HAMMER WEIGHT: *30 lbs.*
DRILLING METHOD: *Hollow Stem Auger*	TOTAL DEPTH: *9 Feet*
DRILLING COMPANY: *Wilson Driling*	GEOLOGIST: *Keith Butler*

DEPTH feet	RECOVERY %	BLOWS	PID (ppm) VALUES	PID (ppm) PROFILE 1 – 1500	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	REMARKS
							ASPHALT	
	60	6 7 8	0.0			ML	BACKFILL	
	60	5 4 4	0.0			SM	Rd. Br. Cy$ Red Brown Clayey SILT	No sample collected from SB-19
5	10	2 4 2	0.0				Rd. Br. cmfS, l. (+)$ Red Brown Silty SAND	
	80	3 3 4	0.0					▼ @ 8 feet BGS
10		5 6 5 4					TOTAL DEPTH OF BORING = 9 FEET BGS	
15								
20								
25								
30								
35								

BELL ENVIRONMENTAL CONSULTANTS, INC. 114 Beach Street, Rockaway, New Jersey	Log of Boring SB-20
PROJECT: *General Motors - Linden*	LOCATION: *Linden, New Jersey*
PROJECT NO.: *EOG01-93089-02*	DEPTH TO WATER: *9 feet BGS*
DATE STARTED: *October 14, 1996*	DIAMETER OF HOLE: *4 inches*
DATE FINISHED: *October 14, 1996*	HAMMER WEIGHT: *30 lbs.*
DRILLING METHOD: *Hollow Stem Auger*	TOTAL DEPTH: *11 Feet*
DRILLING COMPANY: *Wilson Driling*	GEOLOGIST: *Keith Butler*

DEPTH feet	RECOVERY %	BLOWS	PID (ppm) VALUES	PID (ppm) PROFILE 1 1500	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	REMARKS
							ASPHALT	
						SM	BACKFILL	
	40	10 9 10	0.0				Rd. Br. cmfS, s. (-)S, t. (+)fG	
	60	13 8 5	0.0				Red Brown Silty SAND	No sample collected from SB-20
5		4 6						
	10	9 7	0.0					
	100	8 7 11	0.0			SP	Rd. Br. mfS	▼ 9.0 feet BGS
10	50	9 7 13	0.0				Red Brown Poorly-Graded SAND	
		13 8 8 8					TOTAL DEPTH OF BORING = 11 FEET BGS	
15								
20								
25								
30								
35								

BELL ENVIRONMENTAL CONSULTANTS, INC.
114 Beach Street, Rockaway, New Jersey

Log of Boring SB-21

PROJECT: *General Motors - Linden*	LOCATION: *Linden, New Jersey*
PROJECT NO.: *EOG01-93089-02*	DEPTH TO WATER: *9 feet BGS*
DATE STARTED: *October 14, 1996*	DIAMETER OF HOLE: *4 inches*
DATE FINISHED: *October 14, 1996*	HAMMER WEIGHT: *30 lbs.*
DRILLING METHOD: *Hollow Stem Auger*	TOTAL DEPTH: *12 Feet*
DRILLING COMPANY: *Wilson Driling*	GEOLOGIST: *Keith Butler*

DEPTH feet	RECOVERY %	BLOWS	PID (ppm) VALUES	PID (ppm) PROFILE 1 – 1500	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	REMARKS
							ASPHALT	
							BACKFILL	
	10	10 6 11 6	0.0			SM	Rd. Br. cmfS, l. (+)$, t. (-)fG	No sample collected from SB-21
5	40	4 15 10 12	0.0				Red Brown Silty SAND	
	40	4 5 14 18	0.0					
	25	14 16 21 25	0.0					▼ @ 9 feet BGS
10	50	21 16 12 11	0.0					
							TOTAL DEPTH OF BORING = 12 FEET BGS	
15								
20								
25								
30								
35								

BELL ENVIRONMENTAL CONSULTANTS, INC.
114 Beach Street, Rockaway, New Jersey

Log of Boring SB-22

PROJECT: *General Motors - Linden*	LOCATION: *Linden, New Jersey*
PROJECT NO.: *EOG01-93089-02*	DEPTH TO WATER: *15 feet BGS*
DATE STARTED: *October 15, 1996*	DIAMETER OF HOLE: *4 inches*
DATE FINISHED: *October 15, 1996*	HAMMER WEIGHT: *30 lbs.*
DRILLING METHOD: *Hollow Stem Auger*	TOTAL DEPTH: *16 Feet*
DRILLING COMPANY: *Wilson Drilling*	GEOLOGIST: *Keith Butler*

DEPTH feet	RECOVERY %	BLOWS	PID (ppm) VALUES	PID (ppm) PROFILE 1 – 1500	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	REMARKS
							ASPHALT	
							BACKFILL	
	50	10 3 1 3	0.0			ML	Rd. Br. Cy$ Red Brown Clayey SILT	No sample collected from SB-22
5	80	2 5 7 10	0.0					
	0	9 17 14 13	0.0				Zero recovery between 6'-10'	
	0	13 18 20 23	0.0					
10	40	6 7 8 7	0.0			SP	Rd. Br. fS Red Brown Poorly-Graded SAND	
	60	7 8 8 8	0.0					
15	80	2 4 3 3	0.0					▼ @ 15 feet BGS
							TOTAL DEPTH OF BORING = 16 FEET BGS	
20								
25								
30								
35								

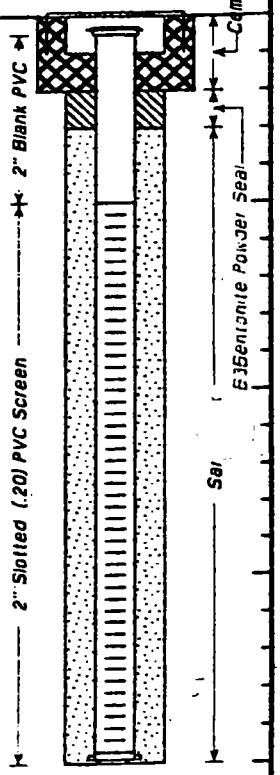
BELL ENVIRONMENTAL CONSULTANTS, INC.
114 Beach Street, Rockaway, New Jersey

Log of Monitoring Well SB-23/P-2

PROJECT: *General Motors - Linden*	LOCATION: *Linden, New Jersey*
PROJECT NO.: *EOG01-93089-02*	DEPTH TO WATER: *14 feet BGS*
DATE STARTED: *October 15, 1996*	DIAMETER OF HOLE: *4 inches*
DATE FINISHED: *October 15, 1996*	HAMMER WEIGHT: *30 lbs.*
DRILLING METHOD: *Hollow Stem Auger*	TOTAL DEPTH: *14 Feet*
DRILLING COMPANY: *Wilson Driling*	GEOLOGIST: *Keith Butler*

DEPTH feet	RECOVERY %	BLOWS	PID (ppm) VALUES	PID (ppm) PROFILE (1 – 1500)	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION
							ASPHALT
						SM	BACKFILL
	50	24 22 22	4.1				Rd. Br. fmS, s. (-15
5	50	50 7 9	0.0				Red Brown Silty SAND
	70	10 10 11	4.7				Sample no. 93089-[illegible] at [illegible]-8' interval
	70	11 8 8	0.0				
10	100	9 10 12	0.0			SP	Rd. Br. 15
	100	10 7 9	0.0				Red Brown Poorly-Graded SAND
		9 10 8					▼ @ 14 feet BGS
15		8 8 8					TOTAL DEPTH OF BORING = 14 FEET BGS
							Hole finished to [illegible]' to install well
20							
25							
30							
35							

WELL DIAGRAM



BELL ENVIRONMENTAL CONSULTANTS, INC.
114 Beach Street, Rockaway, New Jersey

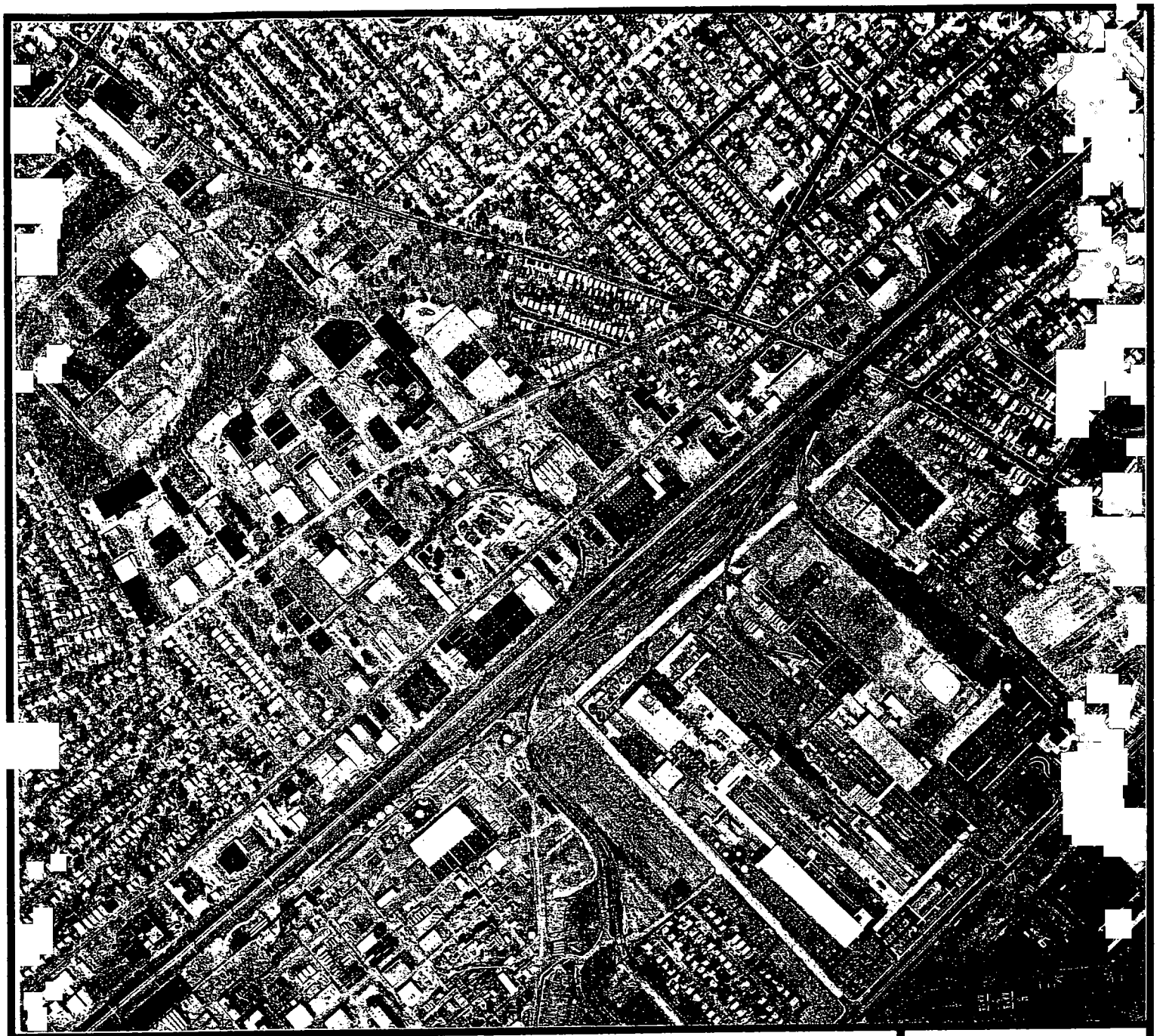
Log of Boring SB-24

PROJECT: *General Motors - Linden*	LOCATION: *Linden, New Jersey*
PROJECT NO.: *E0G01-93089-02*	DEPTH TO WATER: *11.5 feet BGS*
DATE STARTED: *October 15, 1996*	DIAMETER OF HOLE: *4 inches*
DATE FINISHED: *October 15, 1996*	HAMMER WEIGHT: *30 lbs.*
DRILLING METHOD: *Hollow Stem Auger*	TOTAL DEPTH: *13 Feet*
DRILLING COMPANY: *Wilson Driling*	GEOLOGIST: *Keith Butler*

DEPTH feet	RECOVERY %	BLOWS	PID (ppm) VALUES	PID (ppm) PROFILE 1 – 1500	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	REMARKS
							ASPHALT	
							BACKFILL	
			0.0				No splitspoon collected because of buried debris	No sample collected from SB-24
5			0.0					
	0	7 13 13	NA				Zero recovery between 5'-9	
	5	10 8 16	2.1			SP		
10	50	16 10 5	1.8				Rd. Br. fS Red Brown Poorly-Graded SAND	▼ @ 11.5 feet BGS
	80	8 10 10	0.4					
15		5 5 5 10					TOTAL DEPTH OF BORING = 13 FEET BGS	
20								
25								
30								
35								

AERIAL PHOTOGRAPHS

APPENDIX E



1993 AERIAL PHOTOGRAPH

GENERAL MOTORS
1016 West Edgar Road

Linden **Union County** **New Jersey**

QUAD LOCATION

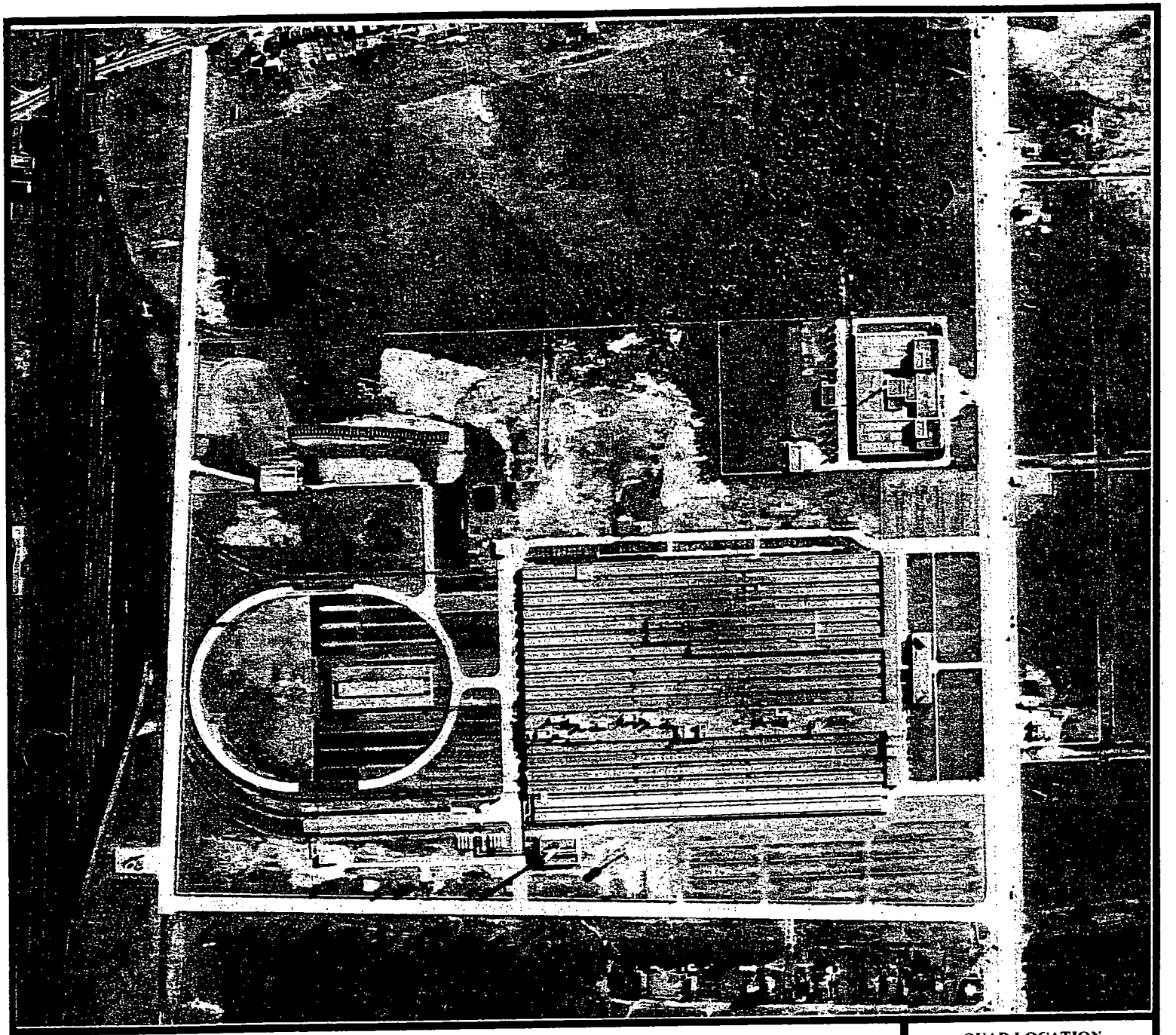
USGS 7.5 MINUTE
ELIZABETH, NJ
QUADRANGLE

SCALE 1" = 800'

0 2/5 1 1/0 1.5 Mile

0 800 1600 2400 3200 Feet

N



1940 AERIAL PHOTOGRAPH

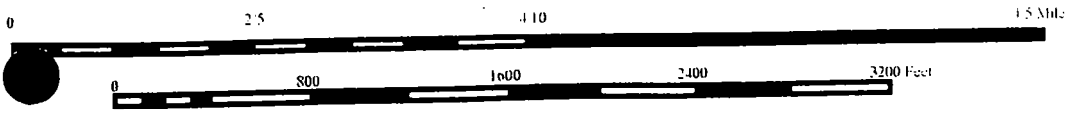
GENERAL MOTORS
1016 West Edgar Road

Linden **Union County** **New Jersey**

QUAD LOCATION

USGS 7.5 MINUTE
ELIZABETH, NJ
QUADRANGLE

SCALE 1" = 400'



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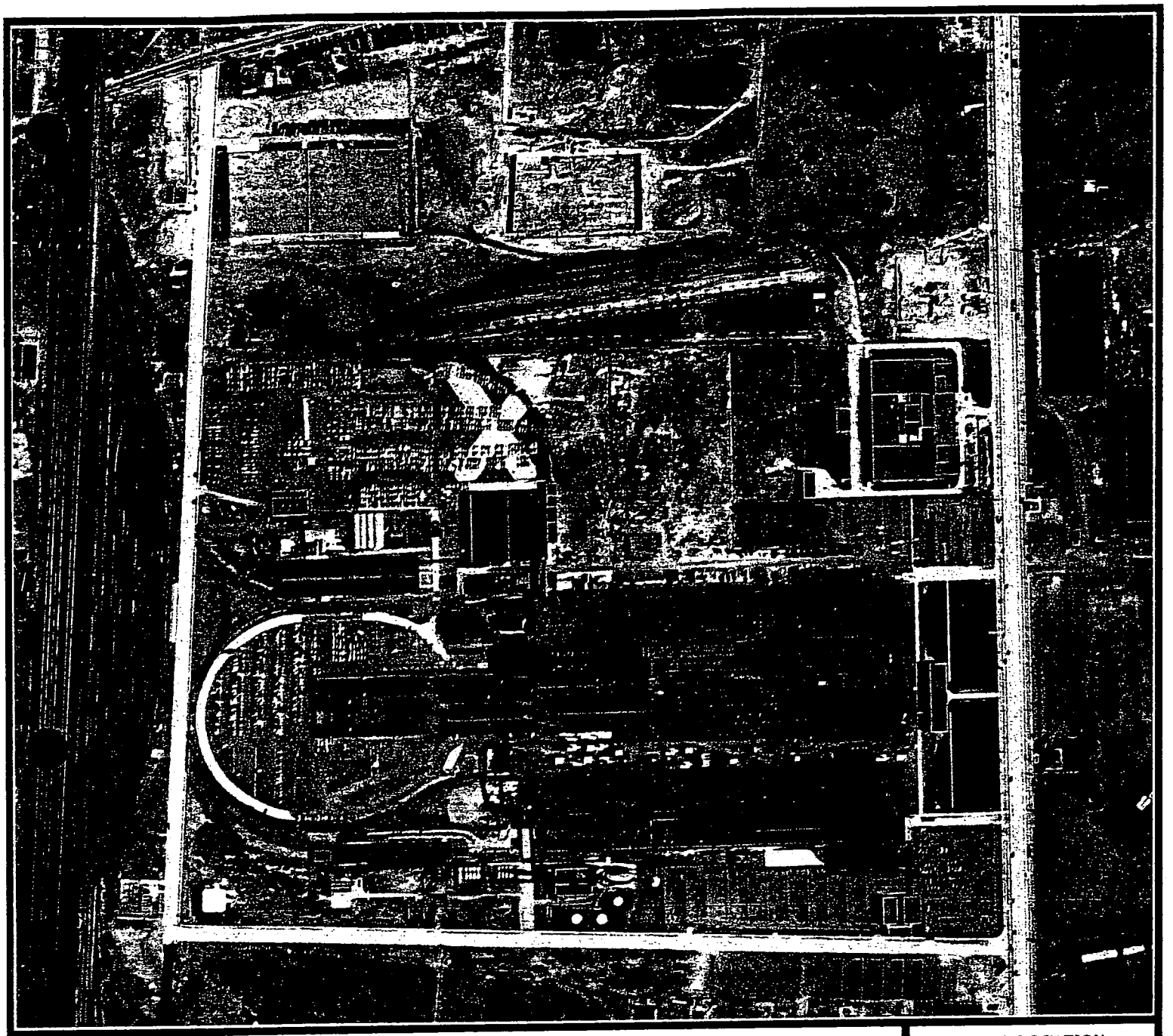


1951 AERIAL PHOTOGRAPH

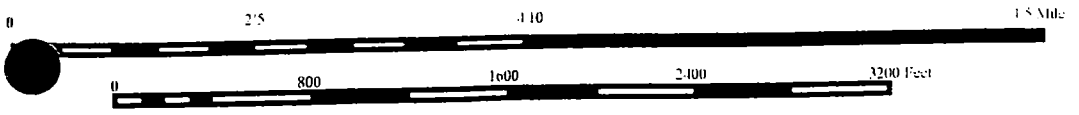
GENERAL MOTORS
1016 West Edgar Road

Linden **Union County** **New Jersey**

QUAD LOCATION

USGS 7.5 MINUTE
ELIZABETH, NJ
QUADRANGLE

SCALE 1" = 400'



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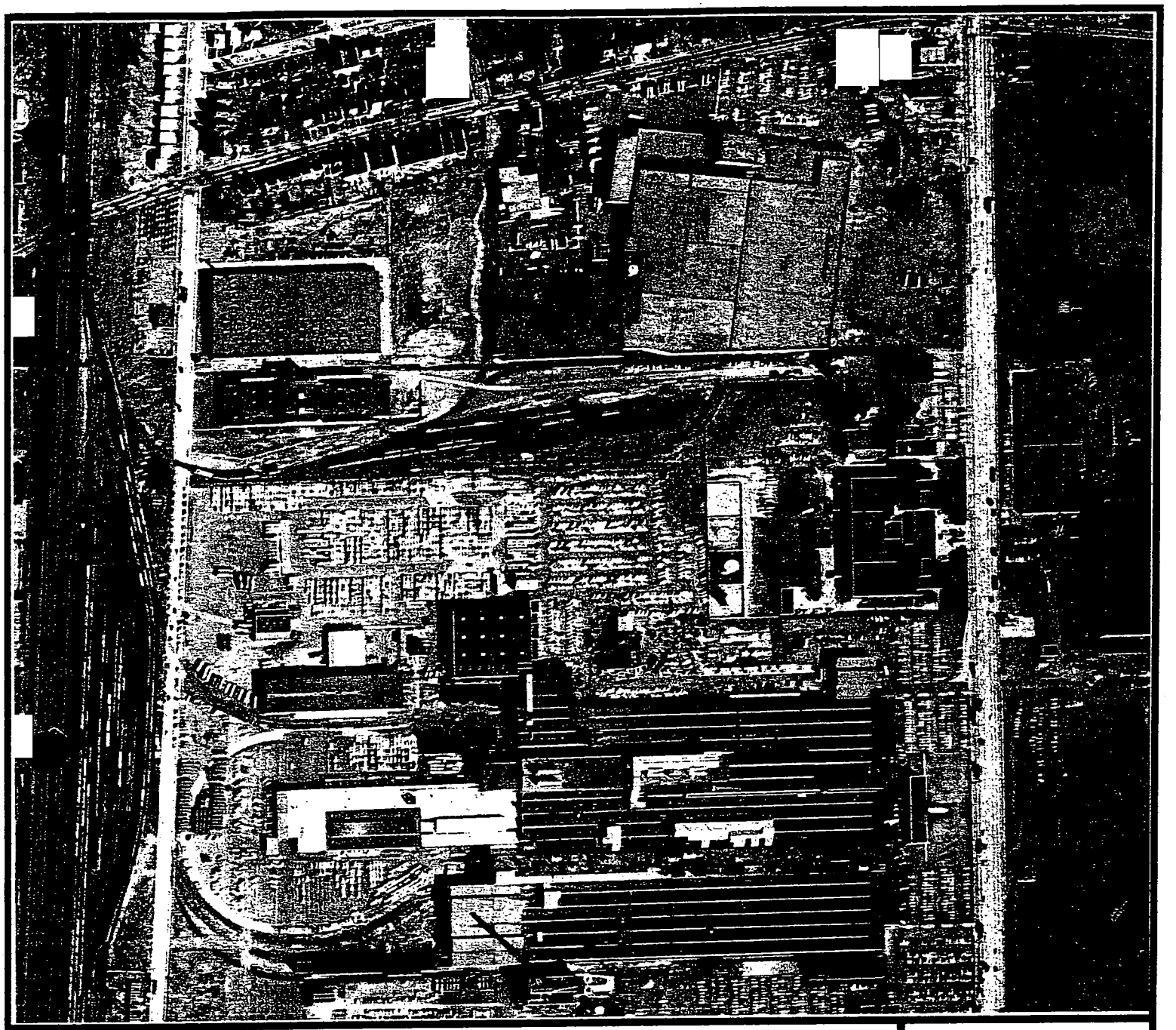


1958 AERIAL PHOTOGRAPH

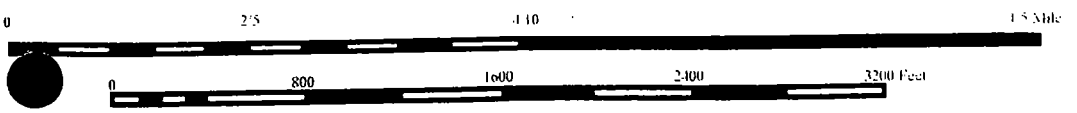
GENERAL MOTORS
1016 West Edgar Road

Linden **Union County** **New Jersey**

QUAD LOCATION

USGS 7.5 MINUTE
ELIZABETH, NJ
QUADRANGLE

SCALE 1" = 400'



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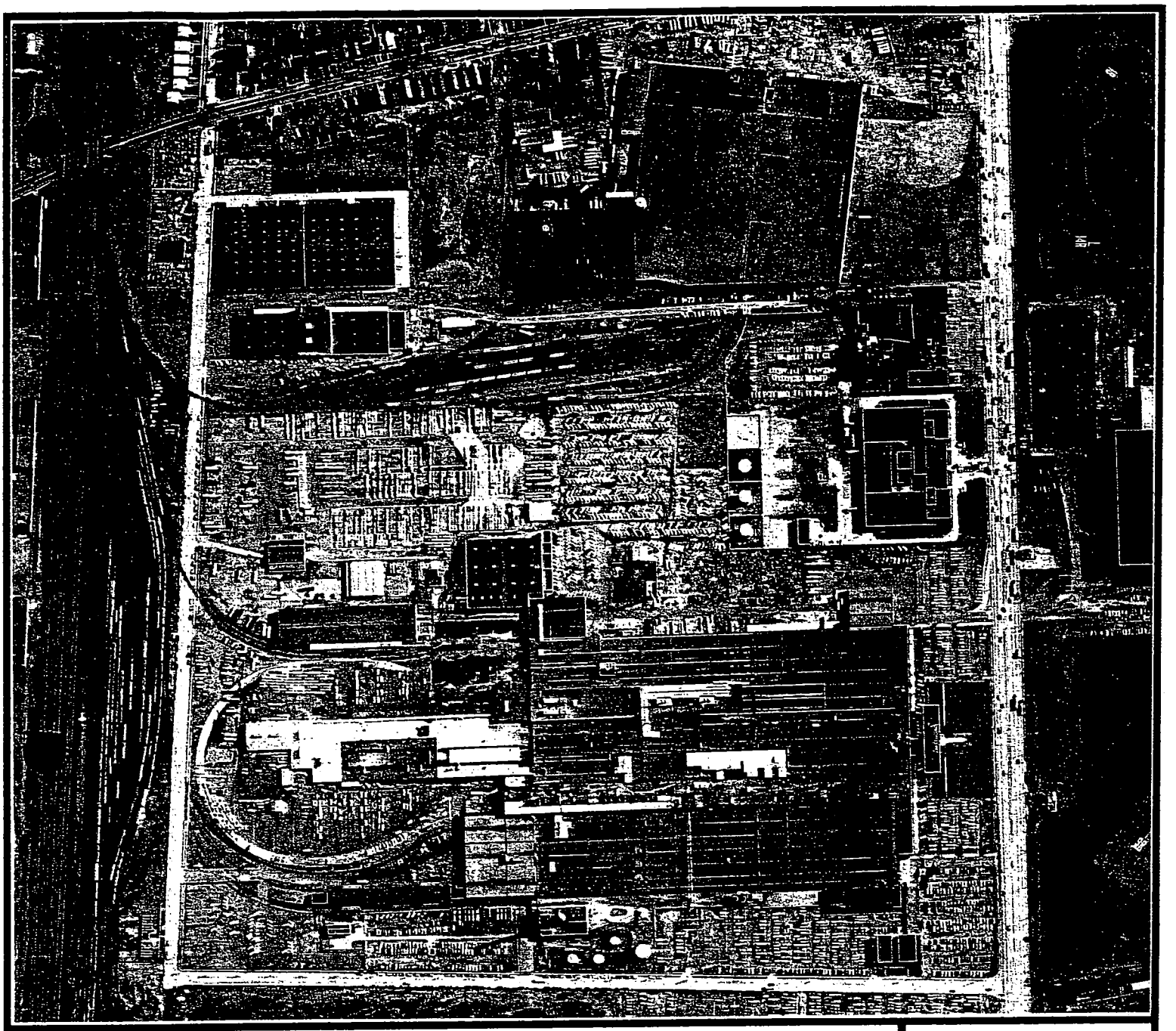


1961 AERIAL PHOTOGRAPH

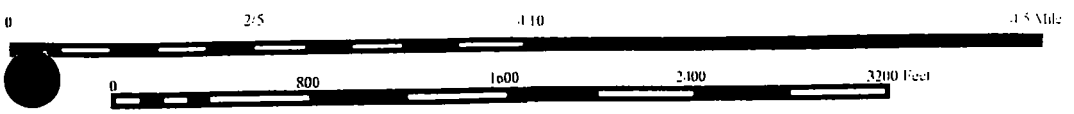
GENERAL MOTORS
1016 West Edgar Road

Linden **Union County** **New Jersey**

QUAD LOCATION

USGS 7.5 MINUTE
ELIZABETH, NJ
QUADRANGLE

SCALE 1" = 400'



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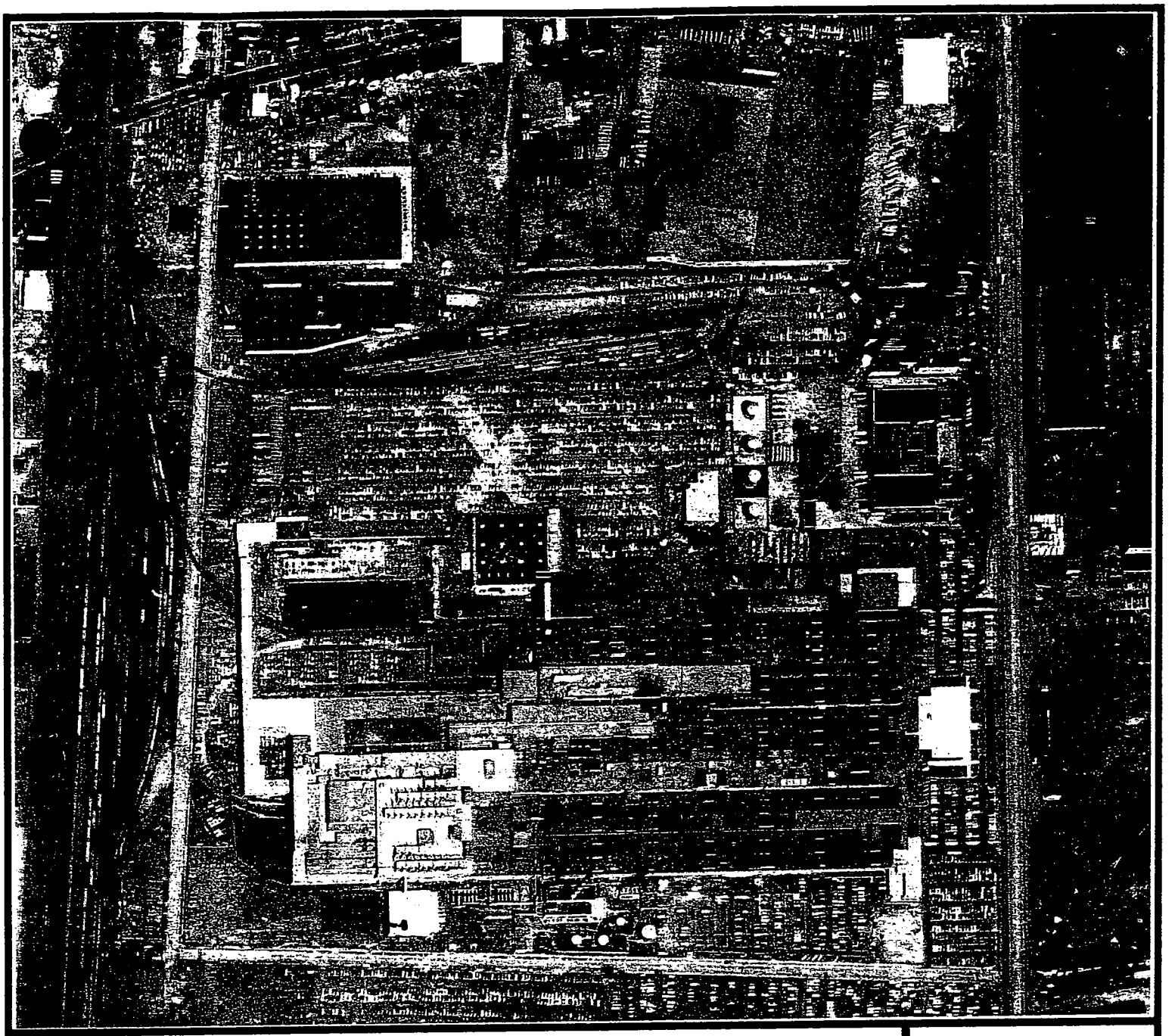


1967 AERIAL PHOTOGRAPH

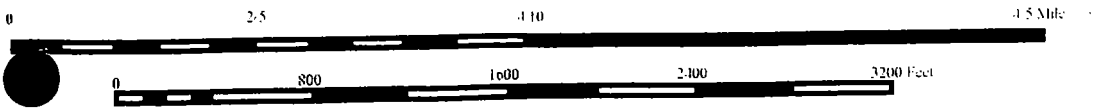
GENERAL MOTORS
1016 West Edgar Road

Linden **Union County** **New Jersey**

QUAD LOCATION

USGS 7.5 MINUTE
ELIZABETH, NJ
QUADRANGLE

SCALE 1" = 400'



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1969 AERIAL PHOTOGRAPH

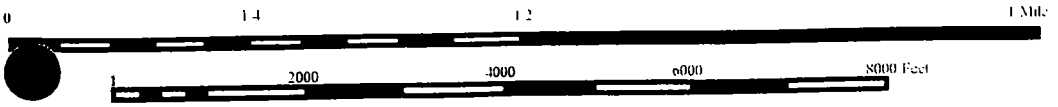
GENERAL MOTORS
1016 West Edgar Road

Linden **Union County** **New Jersey**

QUAD LOCATION

USGS 7.5 MINUTE
ELIZABETH, NJ
QUADRANGLE

SCALE 1" = 1000'



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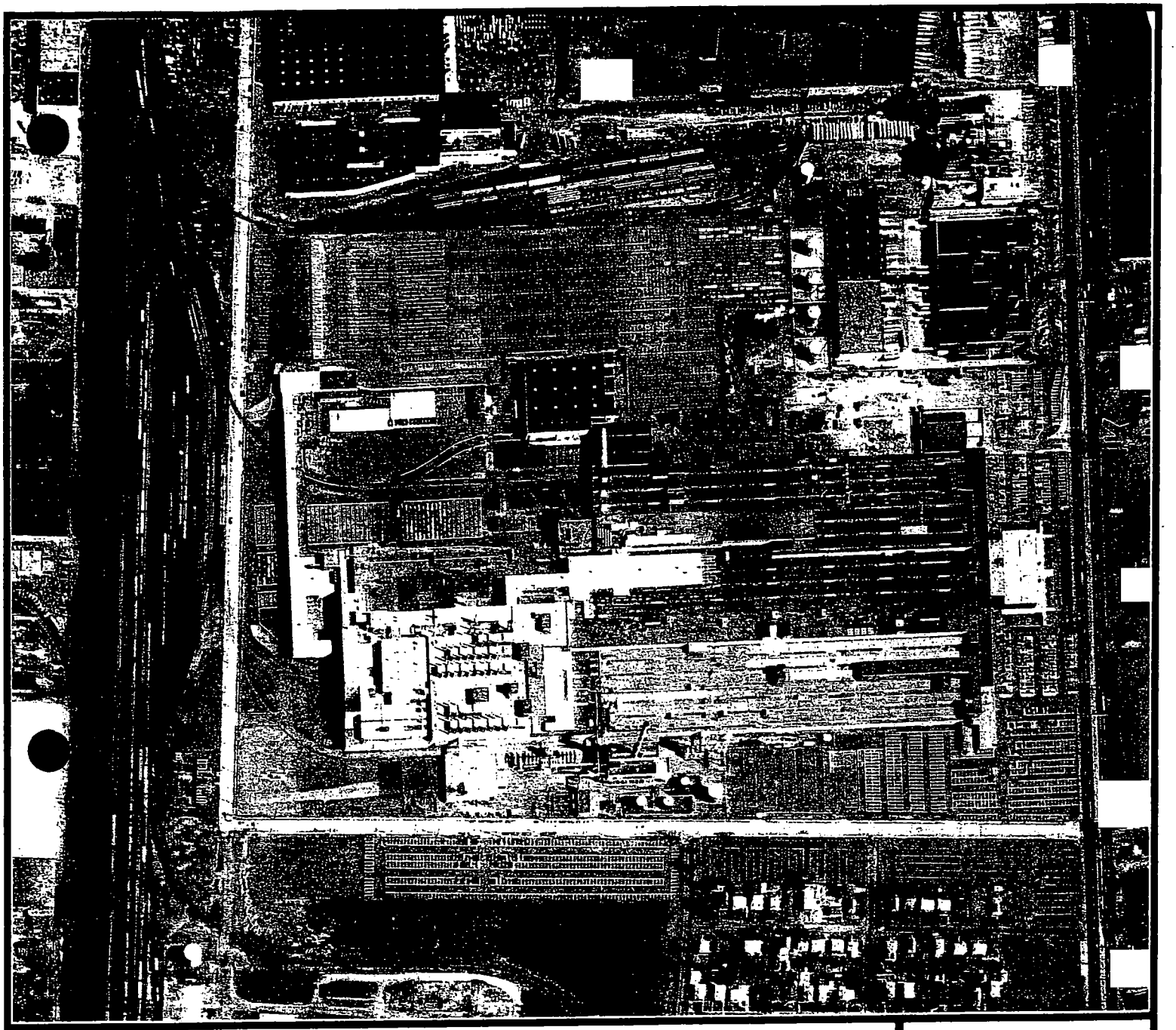


1974 AERIAL PHOTOGRAPH

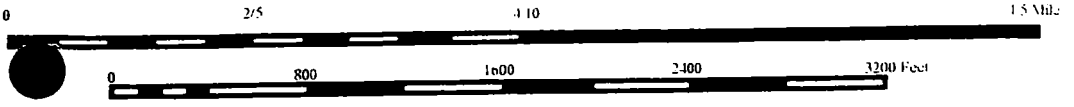
GENERAL MOTORS
1016 West Edgar Road

Linden **Union County** **New Jersey**

QUAD LOCATION

USGS 7.5 MINUTE ELIZABETH, NJ QUADRANGLE

SCALE 1" = 400'



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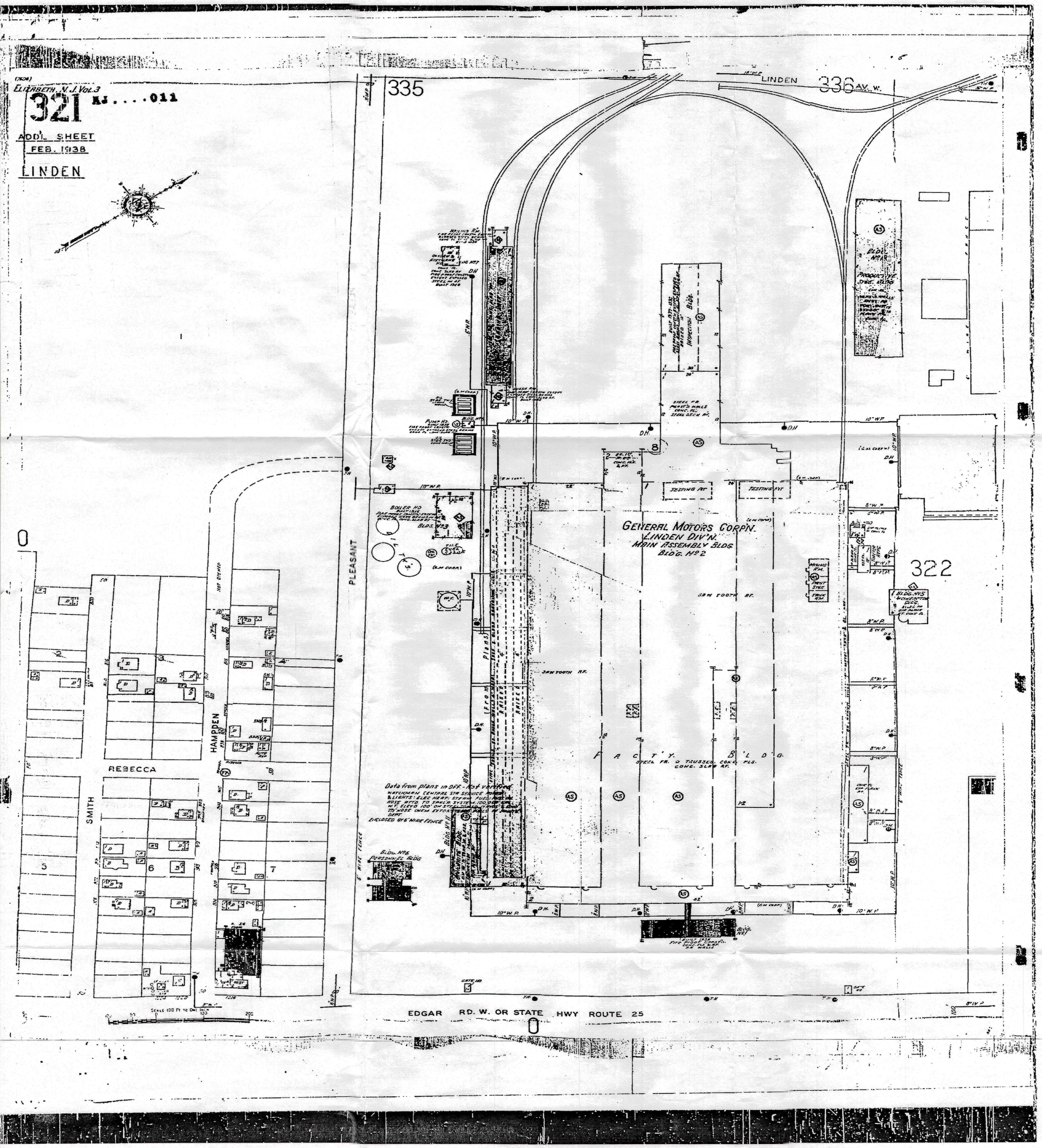
SANBORN MAPS

APPENDIX F



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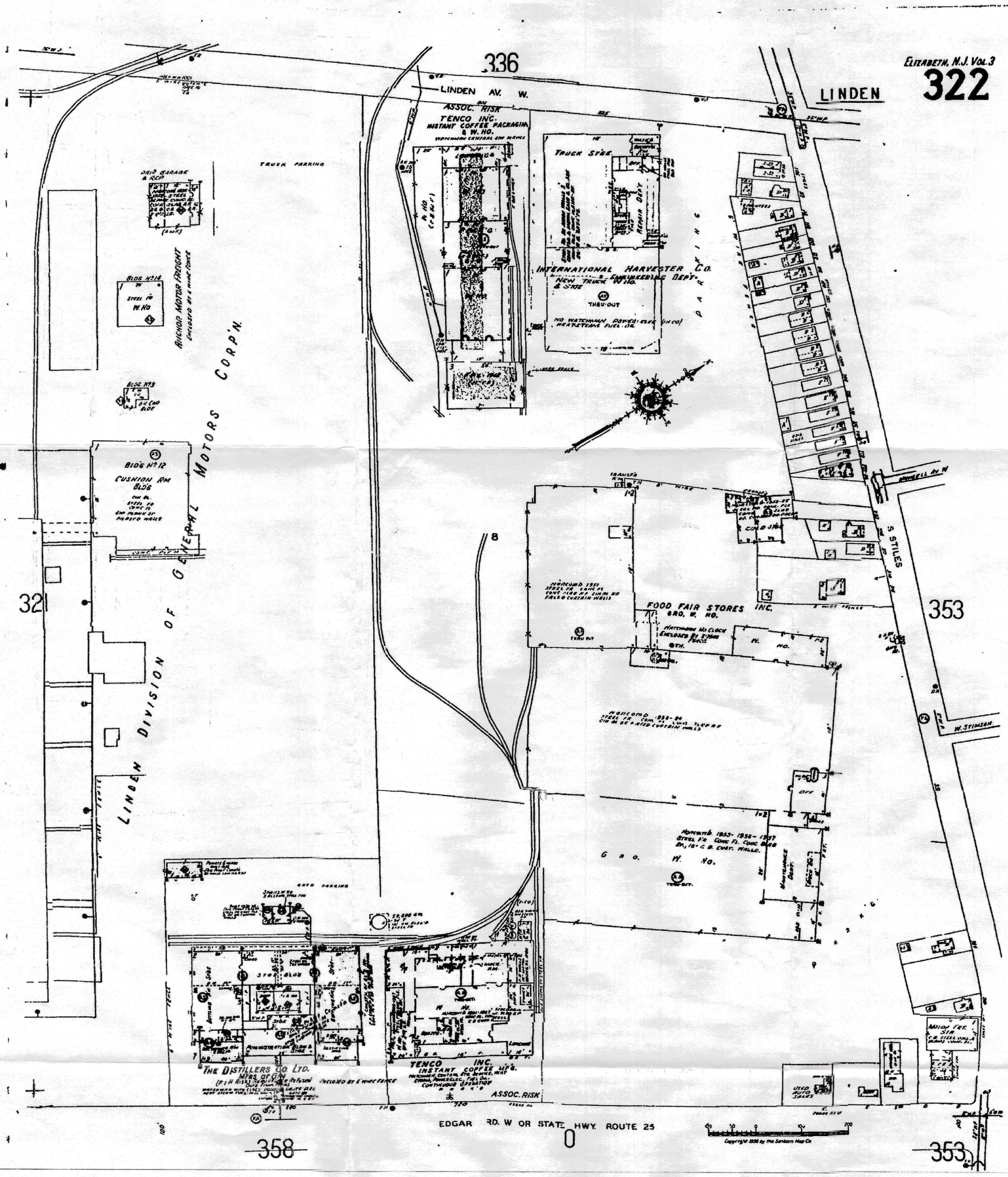

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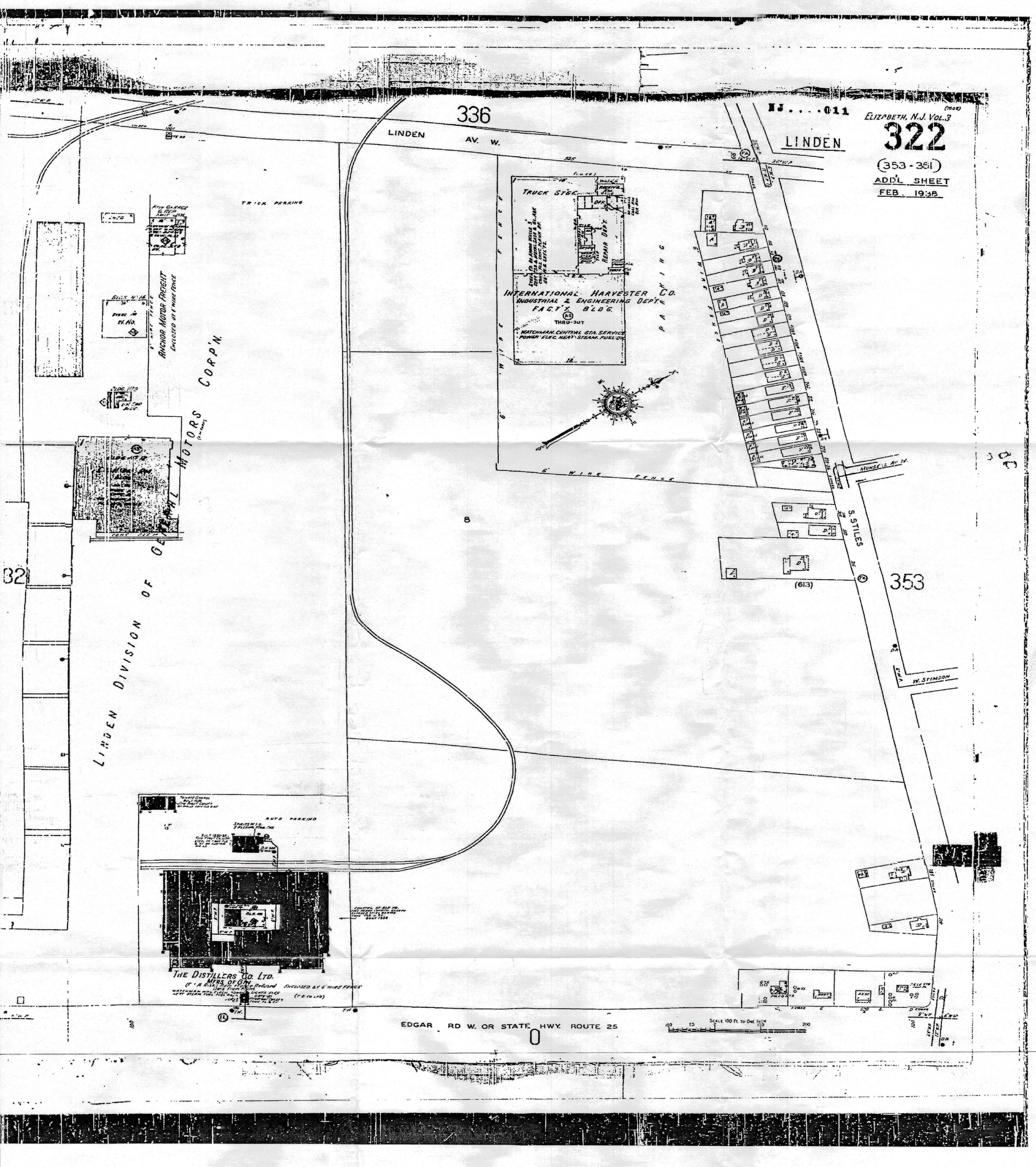

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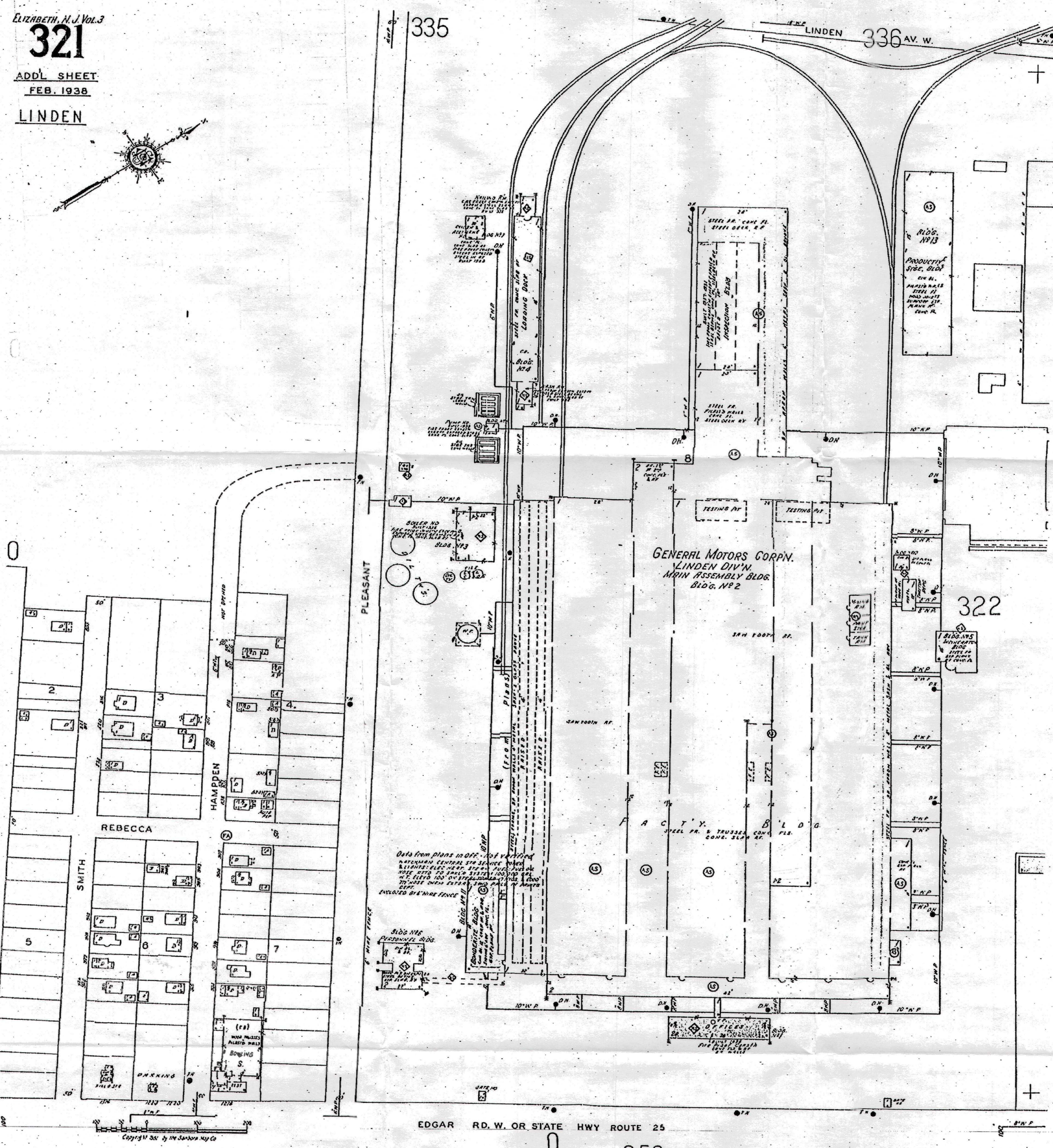
ELIZABETH, N.J. VOL. 3

321

ADD'L SHEET
FEB. 1938

LINDEN



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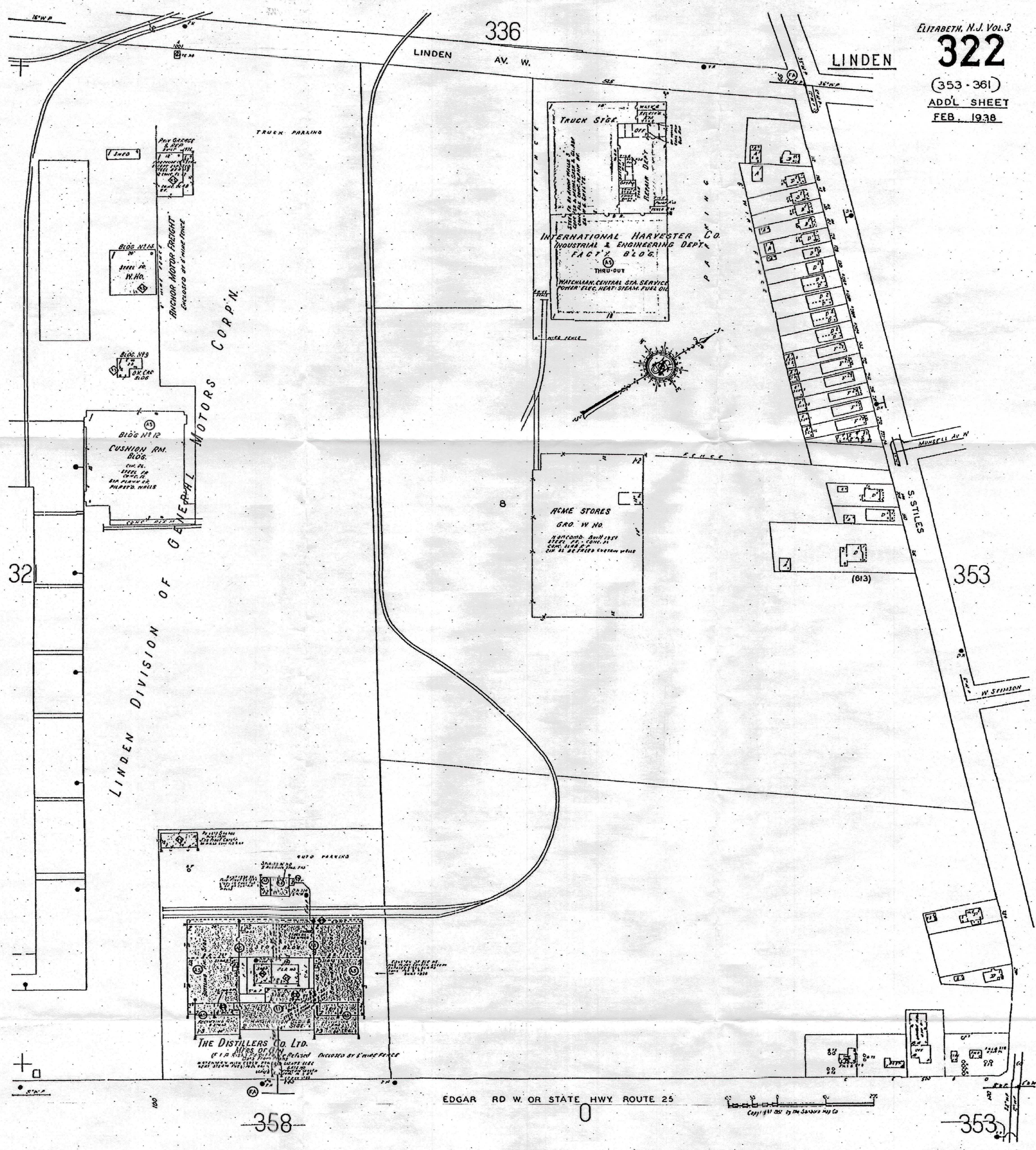

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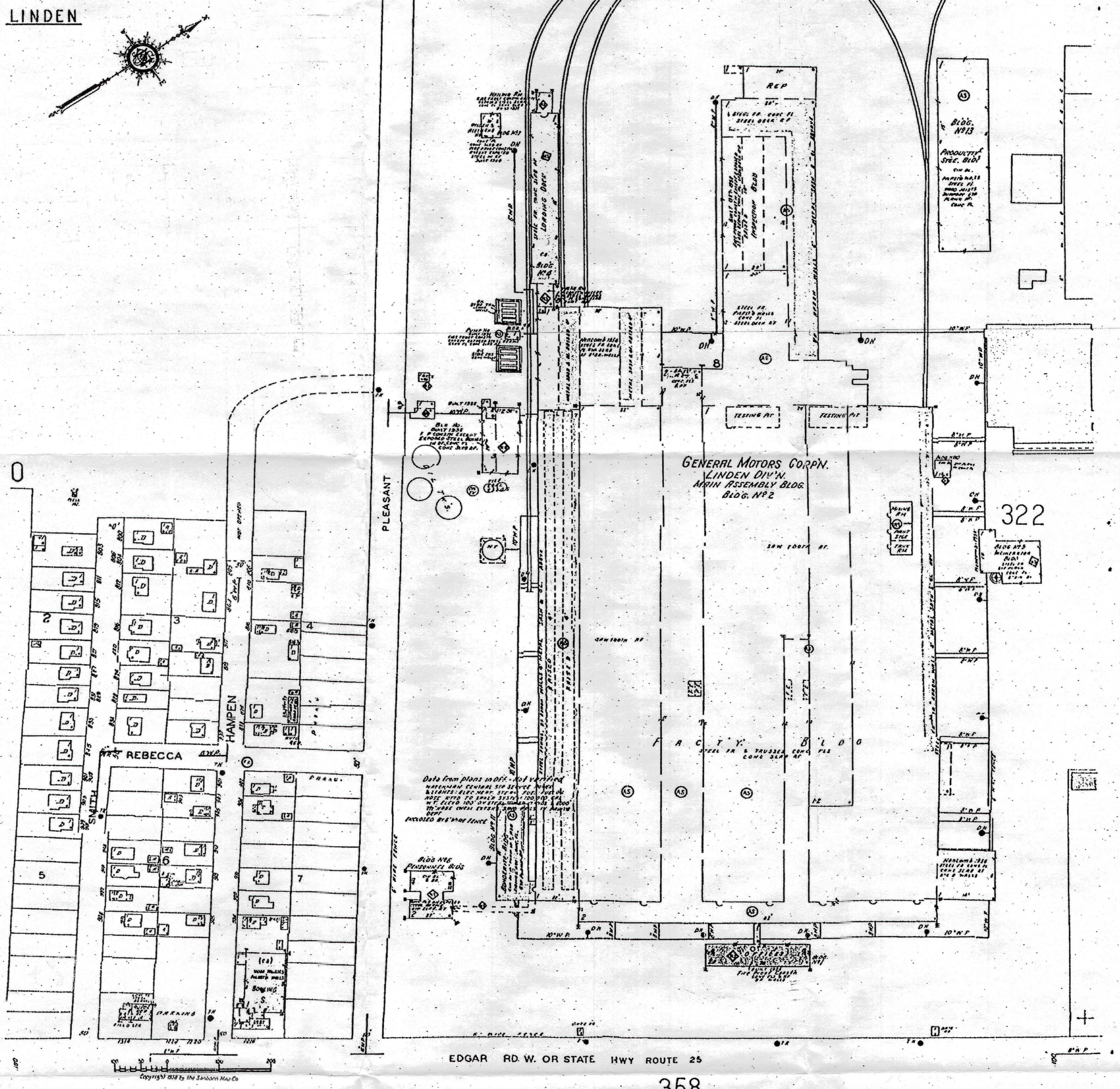

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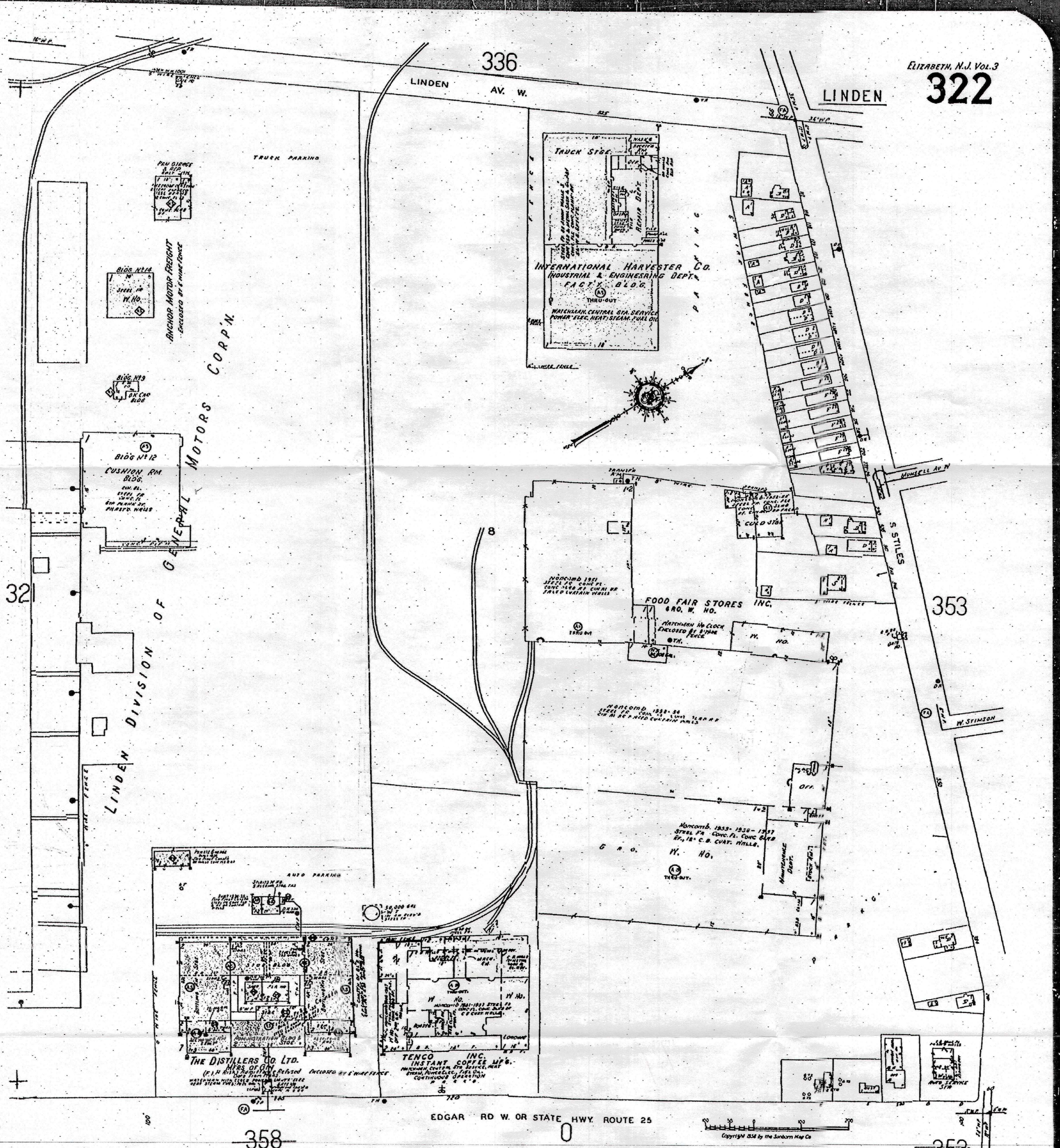

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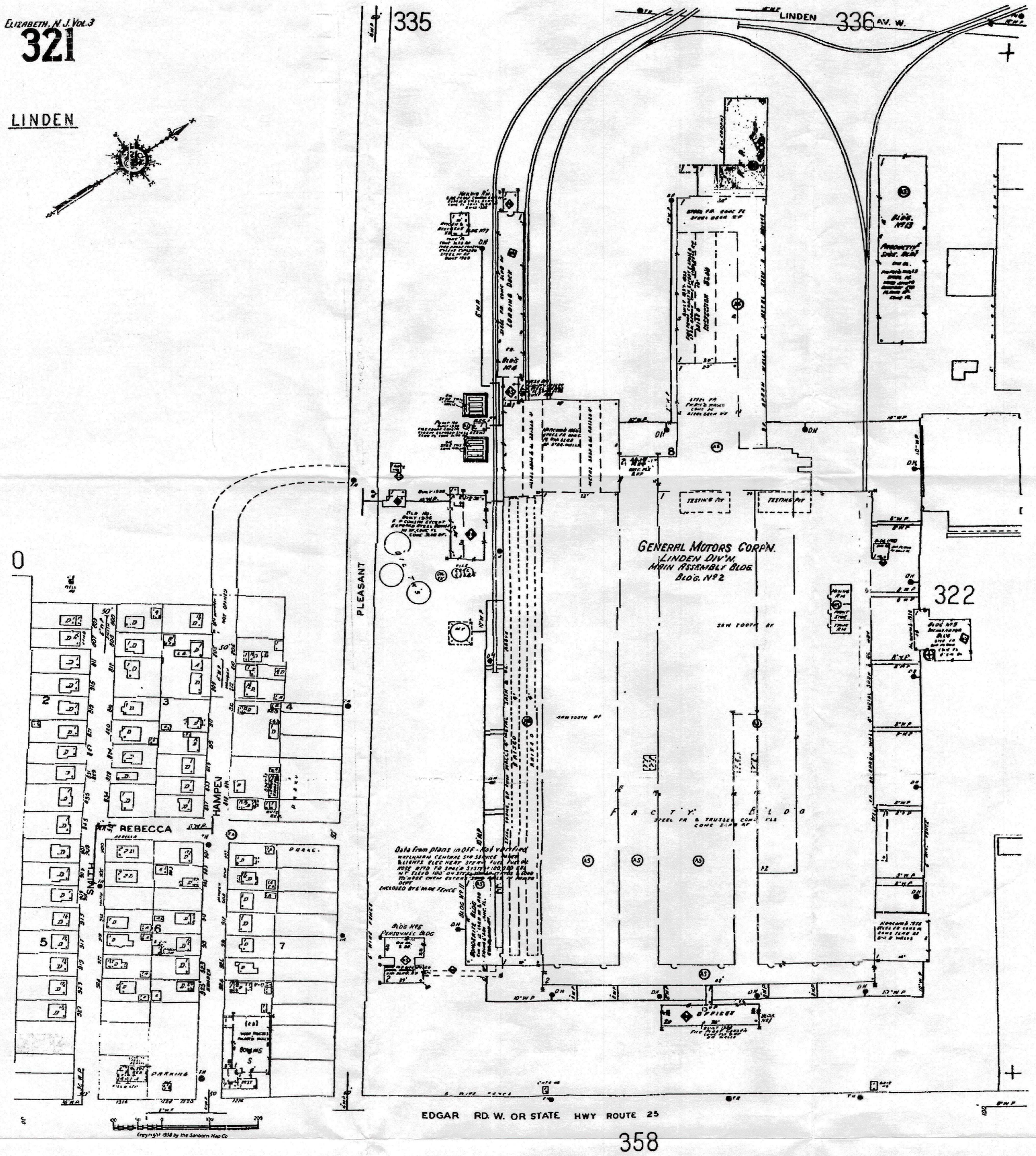

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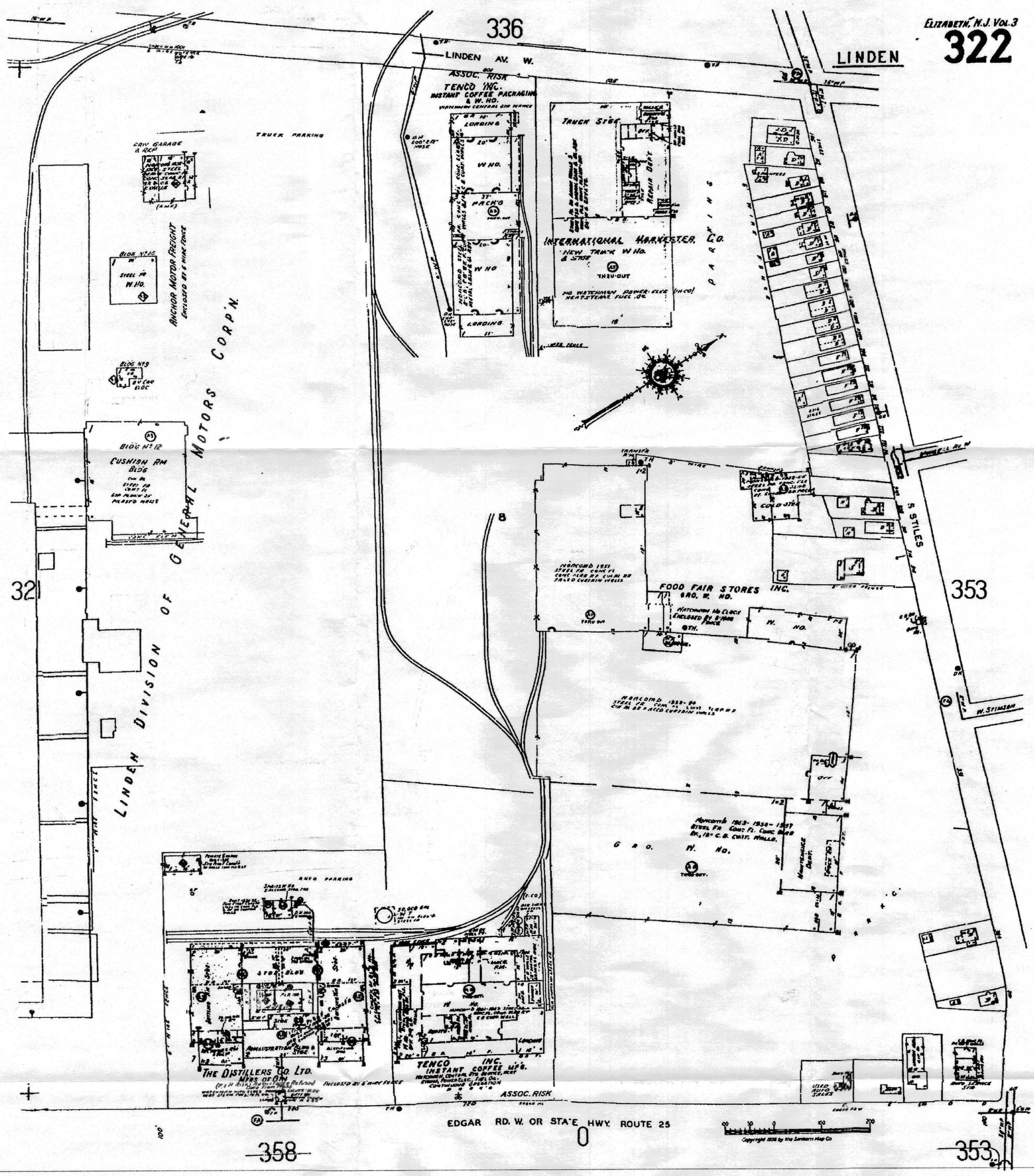

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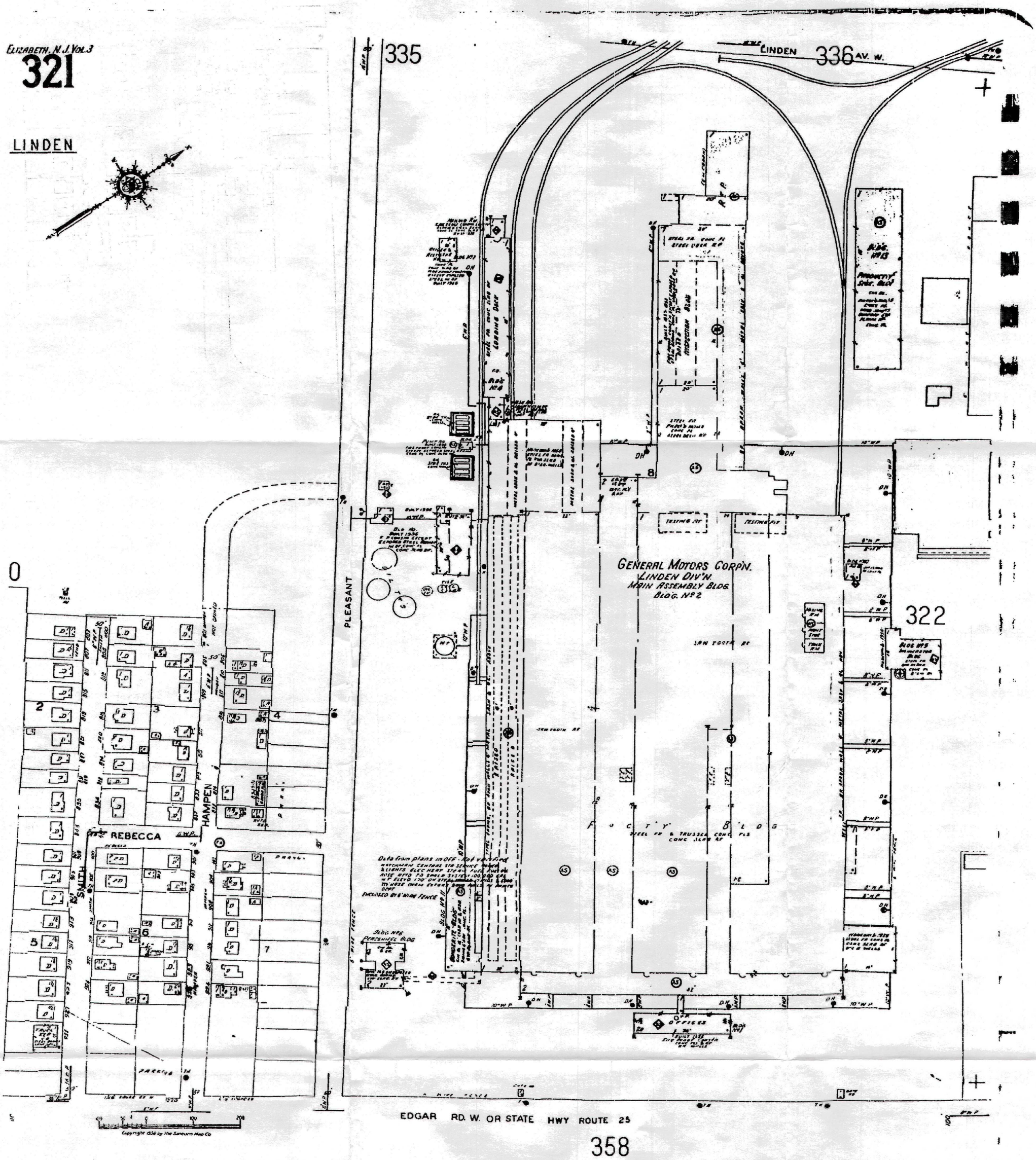

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