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**1995 SEMI-ANNUAL REPORT
GROUNDWATER MONITORING SYSTEM
NORTHEAST ENVIRONMENTAL SERVICES, INC.
TOWN OF LENOX**

PREPARED FOR:

NORTHEAST ENVIRONMENTAL SERVICES, INC.

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TOWN OF LENOX

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1995 SEMI-ANNUAL REPORT
GROUNDWATER MONITORING SYSTEM
NORTHEAST ENVIRONMENTAL SERVICES, INC.
TOWN OF LENOX

I. INTRODUCTION

The Northeast Environmental Services, Inc. (NES) T.S.D. facility on Canal Road in the Town of Lenox, New York is the site of a groundwater quality investigation. The groundwater quality investigation at the site is part of a RCRA corrective action required in the facility's 6 NYCRR, Part 373 Permit. A groundwater monitoring system comprised of twenty-four (24) two-inch (2") diameter monitoring wells, one (1) six-inch (6") diameter recovery well and one (1) six-inch (6") diameter test well are located at the site. Groundwater samples were collected from monitoring wells in the groundwater monitoring system on a quarterly basis during the first half of 1995. The following report summarizes the groundwater monitoring investigation results for the first half of 1995.

ENSA Environmental, Inc. (formerly INTEX) developed a groundwater monitoring plan (Groundwater Monitoring Plan Report, INTEX, 3/26/92) for the NES site. The groundwater monitoring plan was implemented at the site beginning in the first quarter of 1992. All of the sampling and results reporting after March 26, 1992 are in accordance with the provisions of the plan.

During the first sampling event (1st quarter) in 1995, groundwater samples were collected from the following monitoring wells: WP2S, WP3S, WP4S, WP5S, WP5D, WP8S, WP8D, WP9D, WP11S, WP12, WPES-1, WPCS-1, Test Well D-T-1 and Recovery Well R-1. During the second sampling event (2nd quarter) in 1995, groundwater samples were collected from WP2D, WP3D, WP4D, WP5S, WP5D, WP6S, WP8S, WP8D, WP9S, WP9D, WP10S, WP10D, WP13, WPED-2 and WPCD-2. The groundwater samples were analyzed at a New York State approved laboratory for volatile organic compounds (EPA 8021), and total metals (arsenic, barium, chromium, lead, mercury and nickel).

Life Science Laboratories (NY Lab #10248) analyzed the groundwater samples collected from the groundwater monitoring system during the first two quarters of 1995.

II. GROUNDWATER MONITORING SYSTEM INSPECTION

A. Inspection Procedure

During the months of March and June, ENSA Environmental, Inc. completed quarterly inspections of the groundwater monitoring system at the NES, Inc. facility. The quarterly inspections of the groundwater monitoring system were conducted in the following manner:

1. An HnU photoionizing detector was inspected for calibration accuracy using a standard isobutylene gas. An electronic water level indicator was pre-tested using tap water.
2. The groundwater monitoring system quarterly inspection form heading was completed for each well being inspected. Information contained in the heading is as follows: groundwater monitoring well designation, date and time of the inspection, and the inspector's name.

3. The visible components of each groundwater monitoring well were examined to determine if the well flagging and well identification number were visible. The condition of the well flagging and well identification number were recorded.
4. The surface apron and grout were inspected and the integrity of the protective seal and grout were noted on the quarterly inspection form.
5. The protective lock and monitoring well cap were opened. The well was inspected for evidence of tampering and any signs of contamination was recorded in the field book.
6. The HnU photoionization detector was used to measure the levels of volatile organic compounds in the work space and inside the well casing.
7. The well casing was inspected for integrity and corrosion. The well measuring point was located. The results of the well casing inspection were recorded.
8. The electronic water level indicator was used to measure the depth to the groundwater level from the well measuring point. The depth to groundwater level was recorded in the Monitoring Well Sampling Data Sheet and Observation Well Data Sheet.
9. The electronic water level indicator was used to measure the depth of the well from the well measuring point. The total well depth was recorded on the Monitoring Well Sampling Data Sheet and Observation Well Data Sheet.
10. The electronic water level indicator and cord were decontaminated using an alconox wash, tap water rinse and distilled water rinse. All liquid and sediments generated as a result of the decontamination of the water level indicator were containerized for proper disposal.
11. The weather conditions, up-wind activities and any evidence of contamination in the area of the well were noted on the quarterly inspection form.
12. The well stick up (distance from ground level to the well measuring point) was measured and recorded.
13. The percentage of well screen obstructed by silt was calculated from the measured total well depth, well stick up and total well depth (installed) data. The results of the calculations are included on the quarterly inspection form.

Copies of the completed Groundwater Monitoring System Quarterly Inspection Forms for the 1995 Second Quarterly sampling event are included in Appendix 1. The groundwater monitoring system quarterly inspection forms and observation well data sheets for the First Quarter 1995 were previously submitted to the Department in the 1st Quarter Report of 1995 (1st Quarter Report, ENSA Environmental, Inc., 10/19/95).

B. Results of Groundwater Monitoring System Inspection

During the June 19, 1995 quarterly groundwater monitoring system inspection, total monitoring well depth calculations indicated that four (4) monitoring wells (WP6S, WPCS-1, WPCD-2, WPED-2) were observed to have screened intervals obstructed by excessive (greater than 10% of the screened interval) silt accumulation.

The groundwater monitoring wells (WPCD-2, WPCS-1, WPES-1, WPED-2, WP6S and Test Well D-T-1) were redeveloped prior to the June 1995 inspection, to remove the silt accumulation from each well. Monitoring Wells WPCD-2, WPCS-1, WPES-1, WPED-2 and WP6S were previously re-developed prior to the March 1995 groundwater monitoring system inspection as a result of a previous inspection. Large amounts of silt and fine sand were removed from the well screened interval during each redevelopment of WPCS-1, WPCD-2, WPES-1 and WPED-2. The accumulation of silt in the previously mentioned monitoring wells appears to be a recurring problem at the site.

During the June 1995 quarterly groundwater monitoring system inspection, monitoring well WP2D was observed with a cracked apron. Monitoring Wells WP10S, WPCD-2, WPES-1 and WPED-2 were observed to contain aprons not in contact with the surface due to frost heaving. Monitoring wells WP11S, WP11D and WP12 contained faded outer surface identification labels and no measuring points.

III. DEPTH TO GROUNDWATER AND HYDRAULIC GRADIENT

A. Collection of Groundwater Elevation Data

During the months of April 1995, May 1995 and June 1995; depth to water data was collected from Monitoring Wells WP2S, WP2D, WP3S, WP3D, WP4S, WP4D, WP5S, WP5D, WP6S, WP6D, WP8S, WP8D, WP9S, WP9D, WP10S, WP10D, WP11S, WP11D, WP12, WP13, Test Well D-T-1, WPES-1, WPED-2, WPCS-1, WPCD-2 and Recovery Well R-1. The depth to water measurements were collected using the following procedure:

1. The groundwater monitoring well was unlocked and inspected for tampering and vandalism.
2. A recently calibrated HnU photoionizing detector was used to measure the levels of volatile organic compounds inside the well casing and in the work space.
3. An electronic water level indicator probe was lowered into the monitoring well until contact with the water table surface was indicated.
4. The depth to water was measured and recorded to the nearest 1/100th of a foot from the pre-labeled well measuring point.
5. The water level indicator probe and cord were decontaminated to prevent the transfer of contamination between wells using an alconox wash, tap water rinse and a distilled water rinse.

Note: The water and sediment generated during decontamination of the water level indicator was contained on site for proper treatment and/or disposal.

B. Depth to Water Data/Water Table Elevation/Monitoring Well Survey

The depth to water measurements for the data collected during April 1995, May 1995 and June 1995 are located in Appendix 2.

On November 15, 1993, the groundwater monitoring wells were surveyed for location and elevation. The most recent elevation data was utilized to calculate water table elevation data collected in 1995.

The monitoring well measuring point survey elevation and depth to water measurements were used to calculate the water table elevation for each monitoring well. The monitoring well elevations well stick up, screened interval and other pertinent data for each monitoring well are included with the Reference Tables located in Appendix 2.

C. Groundwater Elevation Contour Maps

Groundwater contour maps were prepared from the water table elevation data obtained from the April 18, 1995; May 30, 1995; and June 19, 1995 depth to water table measurements. Groundwater elevation contour maps were prepared to diagram both, the hydraulic gradient for the monitoring wells installed with shallow screening, and the hydraulic gradient for the monitoring wells installed with deep screening. The groundwater elevation contour maps were also prepared to diagram the cone of depression and zone of capture produced by pumping the recovery well at the site. The groundwater contour maps are included in Appendix 3.

The April 18, 1995 groundwater elevation contour maps for both the shallow and deep zones indicate that the pumping of the recovery well at the site has produced a cone of influence that extends to the eastern and western boundaries of the groundwater monitoring system and to well pairs #5 and #8 to the north.

The May 30, 1995 groundwater elevation contour maps for both the shallow and deep zones indicate that, due to minimal precipitation and constant pumping of the recovery well at 10 gpm, the cone of influence at the site has increased significantly. The result of the increased cone of influence is an overall drop in the groundwater elevation by an average of one foot (1').

The June 19, 1995 groundwater elevation contour maps indicate that due to light rains and continuous pumping of the recovery well at ten (10) gpm, the cone of influence has increased slightly. The result of increased cone of influence is an overall drop in the groundwater elevation by an average of one-half foot ($\frac{1}{2}$ ').

IV. GROUNDWATER QUALITY MONITORING

A. Purging of Groundwater Monitoring Wells

A minimum of three (3) times the volume of water contained in each monitoring well was removed and containerized prior to the collection of representative samples from the groundwater monitoring system for analysis. The monitoring wells were purged in the following manner.

1. The monitoring well lock was opened and the well cap removed.

2. The calibrated HnU photoionizing detector was used to measure the levels of volatile organic compounds in the work space and inside the well casing. Appropriate personal protective equipment was employed by the sampling personnel.
3. A decontaminated teflon bailer was lowered into the well using bailing rope. The bailer was allowed to fill with water. The full bailer was lifted from the well and emptied into a 17-H drum. This was continued until a minimum of three times the volume of water contained in the well was removed. Caution was used to avoid any splashing of the bailer that might result in the excessive release of volatile organic compounds.
4. The groundwater monitoring well was allowed to recover for a period not exceeding two (2) hours.
5. The depth to groundwater level was measured at the conclusion of purging using an electronic water level indicator.
6. The water level indicator and purging bailer were decontaminated using analconox wash, tap water rinse and a distilled water rinse. The decontaminated bailer was allowed to air dry and was wrapped in aluminum foil.
7. For each well sampled, the monitoring well sampling data sheet was completed with respect to all pertinent monitoring well purging data.

B. Collection of Field Measurements

Field measurements and observations were collected during the purging of the groundwater monitoring wells. Field measurements for pH, temperature and specific conductivity were collected from each groundwater monitoring well sampled. The collection of field measurements and observations were completed in the following manner:

1. After every third of the purging volume of water was removed and containerized, a bailer volume of groundwater was collected. The groundwater was transferred into a decontaminated glass beaker/container.
2. The probes of the calibrated Oakton water test meter were inserted below the water surface in the glass beaker. The Oakton water test meter was used to measure the temperature, pH and specific conductivity of the groundwater collected. The results of the field measurements were recorded on the Monitoring Well Sampling Data Sheet.
3. If the field measurements did not stabilize after the third collection, purging (and subsequent field measurement collection) of the monitoring well would continue until the field measurements stabilized.
4. The groundwater collected from the well was inspected for physical characteristics. All pertinent field observations were recorded on the Monitoring Well Sampling Data Sheet. Copies of the Monitoring Well Sampling Data Sheets are included in Appendix 4.

The results of the temperature, pH, specific conductivity, and volatile organic compounds (VOC's) field measurements for the March 1995 sampling event were previously submitted to the Department in the Quarterly Report (1st Quarter Report, ENSA Environmental, Inc., 10/19/94). The results of the most recent (June 1995) temperature, pH and specific conductivity measurements and levels of volatile organic compounds detected in the well casing are summarized in Table 1, below.

TABLE 1

**2ND QUARTER 1995
FIELD MEASUREMENT DATA
pH, TEMPERATURE, SPECIFIC CONDUCTIVITY, VOLATILE ORGANIC COMPOUNDS
NORTHEAST ENVIRONMENTAL SERVICES**

Monitoring Well	Temperature (°C)	pH	Specific Conductivity	Well Casing (ppm)
WP2D	11.6	6.5	803	ND
WP3D	11.8	6.3	1072	ND
WP4D	11.6	6.6	1137	ND
WP5S	11.6	6.8	679	ND
WP5D	11.4	6.8	846	ND
WP6S	15.3	6.7	869	ND
WP8S	14.4	6.7	1020	ND
WP8D	14.4	6.9	1273	ND
WP9S	14.9	6.8	1130	ND
WP9D	13.5	6.9	1458	ND
WP10S	15.8	7.0	1098	ND
WP10D	13.4	6.8	1396	ND
WPCD-2	11.8	6.8	948	ND
WPED-2	13.0	6.6	760	ND
WP13	12.5	7.2	1105	ND

C. Sample Containers

The groundwater monitoring samples for each quarterly sampling were collected in decontaminated containers supplied by the laboratory. All preservatives required by the analytical methodology protocols were added during the laboratory preparation of the sample containers. The containers were delivered to the ENSA Environmental, Inc. office in sealed (custody seals intact) coolers.

Each cooler was opened (custody seals broken) and the sample containers were inspected by the project manager. Upon satisfactory inspection of the sample containers, new custody seals were affixed to the coolers and the coolers were stored in a locked room.

D. Collection of Groundwater Samples

Groundwater was collected for laboratory analysis after the collection of field measurement data from the well was completed. The groundwater samples were collected in the following manner:

1. The teflon sampling bailer was lowered into the monitoring well slowly to prevent any splashing or turbulence that might result in the release of volatile organic compounds.
2. Groundwater was collected in the bailer and the bailer was raised to the surface.
3. Two (2) 40 ml. glass vials (with septums) were filled to the exclusion of air immediately upon retrieving the sampling bailer, to minimize the time the water was allowed contact with the air. The sample vials were prepared with preservative by the laboratory.
4. The sample vials were properly labeled.
5. The remaining groundwater in the first bailer and a second bailer volume of groundwater were placed in a 250 ml. plastic container. The plastic container was prepared with nitric acid (HNO₃) preservative by the laboratory.
6. The container label was properly completed and the laboratory chain of custody document completed.
7. A trip blank, prepared by the laboratory, accompanied the samples.
8. An equipment blank was collected for each sampling day to assist with the evaluation of the integrity of the sampling equipment.
9. The sample containers were placed in the cooler for storage and transport to the laboratory.

E. Delivery of Samples to the Laboratory

At the conclusion of the sampling event, all groundwater samples were transferred to a laboratory courier for transport to the laboratory. Signed custody seals were placed on the cooler. The chain of custody document was completed prior to transferring custody of the groundwater samples to the laboratory courier.

Chain of custody was maintained throughout transport and delivery of the samples to the laboratory.

Upon delivery, the samples were logged into the laboratory and assigned a laboratory sample tracking number.

Copies of the laboratory analysis results reports and chain of custody documents for the previous sampling event were included in the respective Quarterly report as follows:

March 1995 results - Quarterly Report ENSA Environmental, Inc., October 19, 1995)

F. Laboratory Analytical Results

The laboratory analysis results for each sampling event are summarized in the following tables in this report:

Table 2 (pg. 8): March 1995 Analytical Results Summary
Table 3 (pg. 10): June 1995 Analytical Results Summary

The laboratory analysis results reports for the June 1995 sampling event are included in Appendix 5. The laboratory QA/QC package to document the sample analysis is included in Appendix 6.

TABLE 2

SUMMARY OF LABORATORY ANALYSIS RESULTS - MARCH 1995 NORTHEAST ENVIRONMENTAL SERVICES, INC. SEMI-ANNUAL REPORT

Monitoring Well	WP2S	WP3S	WP4S	WP5S	WP5D	WP8S	WP8D	WP9S	WP9D
Arsenic	0.029	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Barium	1.2	1.9	1.3	0.36	1.5	0.27	2.1	<0.2	0.8
Chromium	0.019	0.023	0.011	0.017	0.018	0.021	<0.01	<0.01	<0.01
Lead	0.011	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Mercury	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
Nickel	0.035	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Benzene	<1	<100	<500	<1	<1	<1	<1	<1	<1
Toluene	<1	<100	19,000	<1	<1	<1	<1	<1	<1
Ethylbenzene	<1	<100	570	<1	<1	<1	<1	<1	<1
O - Xylene	<1	<100	<500	<1	<1	<1	<1	<1	<1
M+P - Xylene	<1	<100	920	<1	<1	<1	<1	<1	<1
Chloroethane	<1	<100	500	<1	<1	<1	32	<1	<1
Chloroform	<1	<100	<500	<1	<1	<1	<1	<1	<1
1,2,4-trimethylbenzene	<1	<100	600	<1	<1	<1	<1	<1	<1
1,1-dichloroethane	<1	<100	1,800	<1	<1	<1	<1	<1	<1
1,1-dichloroethene	<1	<100	920	<1	<1	<1	<1	<1	<1
1,2-Dichloroethane	<1	<100	<500	<1	<1	<1	<1	<1	<1
Cis-1,2-dichloroethene	<1	820	16,000	<1	<1	<1	<1	<1	<1
Methylene Chloride	<1	<100	2,700	<1	<1	<1	<1	<1	<1
1,1,1-trichloroethane	<1	<100	550	<1	<1	<1	<1	<1	<1
Trichlorofluoromethane	<1	<100	<500	<1	<1	<1	<1	<1	<1
Vinyl Chloride	<1	1600.	<500	<1	160	<1	<1	<1	<1
TOTAL VOC's	ND	2,420	43,060	ND	160	ND	32	ND	ND

TABLE 2
(Continued)

SUMMARY OF LABORATORY ANALYSIS RESULTS - MARCH 1995
NORTHEAST ENVIRONMENTAL SERVICES, INC.
SEMI-ANNUAL REPORT

Monitoring Well	WPCS-1	WPES-1	WPR1	WPDT-1	WP11S	WP12	3/29/95 Trip Blank	3/28/95 Field Blank	3/29/95 Field Blank	3/28/94 Dup. R-1
Arsenic	0.040	<0.01	<0.01	0.016	0.016	0.036	NA	<0.01	<0.01	<0.01
Barium	1.4	0.25	1.8	3.4	1.7	<0.2	NA	<0.2	<0.2	2.0
Chromium	0.070	0.014	<0.01	0.019	0.016	<0.01	NA	<0.01	<0.01	<0.01
Lead	0.012	0.018	<0.01	0.01	0.012	<0.01	NA	<0.001	<0.01	<0.01
Mercury	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	NA	<0.0002	<0.0002	<0.0002
Nickel	0.15	<0.02	<0.02	0.02	0.022	<0.02	NA	<0.02	<0.02	<0.02
Benzene	<1	<1	<20	<100	<1	<1	<1	<1	<1	<20
Toluene	<1	<1	1200	8400	<1	<1	<1	<1	<1	1000
Ethylbenzene	<1	<1	27	200	<1	<1	<1	<1	<1	23
O - Xylene	<1	<1	<20	290	<1	<1	<1	<1	<1	<20
M+P - Xylene	<1	<1	44	590	<1	<1	<1	<1	<1	<20
Chloroethane	<1	<1	<20	450	<1	<1	<1	<1	<1	<20
Chloroform	<1	<1	<20	<100	<1	<1	<1	<1	<1	<20
1,1-dichloroethane	<1	<1	67	520	<1	<1	<1	<1	<1	57
1,2-Dichloroethane	<1	<1	<20	<100	<1	<1	<1	<1	<1	<20
Cis-1,2-dichloroethene	<1	<1	910	1400	<1	<1	<1	<1	<1	760
Methylene Chloride	<1	<1	<20	<100	<1	<1	<1	<1	<1	<20
1,2,4-trimethyl benzene	<1	<1	21	<100	<1	<1	<1	<1	<1	<20
1,1,1-tri-chloroethane	<1	<1	<20	<100	<1	<1	<1	<1	<1	<20
Trichloro-fluoromethane	<1	<1	<20	<100	<1	<1	<1	<1	<1	<20
Vinyl Chloride	<1	<1	260	1400	<1	<1	<1	<1	<1	230
TOTAL VOC's	ND	ND	2,529	13,250	ND	ND	ND	ND	ND	2,070

TABLE 3

SUMMARY OF LABORATORY ANALYSIS RESULTS - JUNE 1995
 NORTHEAST ENVIRONMENTAL SERVICES, INC.
 SEMI-ANNUAL REPORT

Monitoring Well	WP2D	WP3D	WP4D	WP5S	WP5D	WP6S	WP8S	WP8D	WP9S
Arsenic	<0.01	<0.01	<0.01	<0.01	<0.019	<0.01	<0.01	<0.01	<0.01
Barium	0.57	0.30	5.1	<0.2	1.2	0.52	0.62	2.3	0.27
Chromium	<0.01	<0.01	<0.01	<0.01	<0.01	0.019	0.072	<0.01	0.011
Lead	<0.01	<0.01	<0.01	<0.01	<0.01	0.01	<0.01	<0.01	<0.01
Mercury	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
Nickel	<0.02	<0.02	<0.02	<0.02	<0.02	0.022	<0.02	<0.02	<0.02
Dichloro- Diflouromethane	<1	<1	30	<1	<5	<1	<1	<1	<1
Chloroethane	<1	<1	<20	<1	<5	<1	<1	43	<1
Chloroform	<1	1.0	<20	<1	<5	<1	<1	<1	<1
1,1-Dichloroethane	<1	<1	170	<1	<5	<1	<1	<1	<1
1,2-Dichloroethane	<1	<1	<20	<1	<5	<1	<1	<1	<1
Cis-1,2-dichloroethene	<1	<1	510	<1	<5	<1	1.1	<1	<1
Methylene Chloride	15	17	<20	<1	<5	<1	<1	<1	<1
Vinyl Chloride	43	<1	120	<1	190	<1	<1	<1	<1
Total VOC's	58	18	830	ND	190	ND	ND	43	ND

TABLE 3
(Continued)

**SUMMARY OF LABORATORY ANALYSIS RESULTS - JUNE 1995
NORTHEAST ENVIRONMENTAL SERVICES, INC.
SEMI-ANNUAL REPORT**

Monitoring Well	WP9D	WP10S	WP10D	WPCD-2	WPED-2	WP13
Arsenic	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Barium	0.30	0.25	0.37	0.37	0.74	<0.2
Chromium	0.011	<0.01	<0.01	<0.01	0.015	<0.01
Lead	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Mercury	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
Nickel	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Chloroethane	<1	<1	<1	<1	<1	<1
1,2-Dichloroethane	<1	<1	<1	<1	<1	<1
Cis-1,2-dichloroethene	<1	<1	<1	<1	<1	<1
Methylene Chloride	<1	<1	<1	<1	<1	<1
Vinyl Chloride	<1	<1	<1	<1	<1	<1
Total VOC's	ND	ND	ND	ND	ND	ND

TABLE 3
(Continued)

SUMMARY OF LABORATORY ANALYSIS RESULTS - JUNE 1995
NORTHEAST ENVIRONMENTAL SERVICES, INC.
SEMI-ANNUAL REPORT

Monitoring Well	Duplicate WP3D	Field Blank 6/20/94	Field Blank 6/21/94	Trip Blank 6/20/95	Trip Blank 6/21/95
Arsenic	<0.01	<0.01	<0.01	NA	NA
Barium	0.35	<0.2	<0.2	NA	NA
Chromium	<0.01	<0.01	<0.01	NA	NA
Lead	<0.01	<0.01	<0.01	NA	NA
Mercury	<0.0002	0.0010	<0.0002	NA	NA
Nickel	<0.02	<0.02	<0.02	NA	NA
Chloroethane	<1	<1	<1	<1	<1
1,2-Dichloroethane	<1	<1	<1	<1	<1
Cis-1,2-dichloroethene	<1	<1	<1	<1	<1
Methylene Chloride	<1	<1	<1	<1	<1
Vinyl Chloride	<1	<1	<1	<1	<1
Total VOC's	ND	ND	ND	ND	ND

NA - Not analyzed

V. ISOCONCENTRATION MAPS

Isoconcentration maps were constructed to illustrate the lateral distribution of total volatile organic compounds in the groundwater at NES facility. Hydrogeological data from the March 1995 and June 1995 sampling events was utilized to construct the isoconcentration maps. The isoconcentration maps prepared for the site (Appendix 7) indicate that contaminated groundwater (above laboratory detection limits) has not migrated off site. In fact, the recent isoconcentration information suggests that the lateral extent of the groundwater contamination at the site has shifted towards the center of the property (the recovery system) (see Appendix 7).

Current data suggests that contaminated groundwater in the vicinity of the NES, Inc. facility building is also migrating towards the recovery well/treatment system.

VI. GROUNDWATER PROTECTION CONCENTRATIONS

A review of the regulatory limits listed in Table 4 (pg. 13) indicate the groundwater quality continues to exceed of the groundwater protection concentrations applicable to the site. The groundwater protection concentrations are defined in the NES facility operating permit (NYSDEC 6NYCRR, Part 373 Hazardous Waste Management Permit, Northeast Environmental Services, Inc, EPA ID #NYD057770109).

Of particular interest, is the groundwater concentration data specific to MW 5D. Generally speaking, the concentration of vinyl chloride has ranged in volume from; none detected above laboratory limits, to 45 ppb between the fourth quarter of 1991 and the fourth quarter of 1994. However, in the first two quarters of 1995, we have observed vinyl chloride concentrations at the 160 to 190 ppb range. This situation will be closely monitored because MW 5D is located in the downgradient direction of both the NES facility and the recovery well.

TABLE 4

GROUNDWATER PROTECTION CONCENTRATIONS
NORTHEAST ENVIRONMENTAL SERVICES, INC.

<u>CAS No.</u>	<u>Constituent</u>	<u>Conc. Limit (ug/l)</u>
Not Appl.	Arsenic	25
Not Appl.	Barium	1,000
71-43-2	Benzene	0.7
117-81-7	Bis (2-ethylhexyl) Phthalate	50
75-27-4	Bromodichloromethane	50
Not Appl.	Cadmium (Total) ***	10
56-23-5	Carbon Tetrachloride	5
75-00-3	Chloroethane	5
67-66-3	Chloroform	7
Not Appl.	Chromium (Total) ***	50
Not Appl.	Copper (Total) ***	200
95-48-7	o-Cresol	see Phenols (Total)
106-44-5	p-Cresol	see Phenols (Total)
95-50-1	o-Dichlorobenzene	4.7 *
541-73-1	m-Dichlorobenzene	5
106-46-7	p-Dichlorobenzene	5
75-34-3	1,1-Dichloroethane	5
107-06-2	1,2-Dichloroethane	5
75-35-4	1,1-Dichloroethane	5
156-59-2	cis-1,2-Dichloroethylene	5
156-60-5	trans-1,2-Dichloroethylene	5
84-66-2	Diethyl Phthalate	50
105-67-9	2,4-Dimethylphenol	see Phenols (Total)
84-74-2	Di-n-butyl Phthalate	50
122-39-4	Diphenylamine	5
100-41-4	Ethylbenzene	5
78-59-1	Isophorone	50
Not Appl.	Lead (Total) ***	25
Not Appl.	Mercury (Total) ***	2
75-09-2	Methylene Chloride	5
Not Appl.	Nickel (Total) ***	700
86-30-6	n-nitrosodiphenylamine	50
87-86-5	Pentachlorophenol	see Phenols (Total)
Not Appl.	Phenols (Total)	1
127-18-4	Tetrachloroethylene	5
58-90-2	2,3,4,6-Tetrachlorophenol	see Phenols (Total)
108-88-3	Toluene	5
71-55-6	1,1,1-Trichloroethane	5
79-00-5	1,1,2-Trichloroethane	5
75-69-4	Trichloroethylene	5
95-63-6	Trichlorofluoromethane (Freon 11)	5
95-63-6	1,2,4-Trimethylbenzene	5
75-01-4	Vinyl Chloride	2
108-38-3	m-Xylene	5
95-47-6	o-Xylene	5
106-42-3	p-Xylene	5

* Applies to sum of para (1,4-) and ortho (1,2-) isomers only.

*** Total includes all species in the groundwater that contain this element.

(Revised by NYSDEC 9/16/91)

VII. GROUNDWATER TREATMENT FACILITIES

A. Groundwater and Surface Water Treatment System

The combined groundwater and surface water treatment facility was constructed during April 1993 in accordance with the approved engineering plans. The facility commenced operation in May of 1993. The treatment and discharge of groundwater and surface water during 1993, 1994 and 1995 was conducted in accordance with the provisions of the NES facility's New York State SPDES Permit #NY0213837.

The water treatment system consists of a multiple stage, shallow tray air stripper that receives untreated water from the recovery well, and on occasion, surface water from the "perimeter ditches" at the facility. The water enters the air stripper where air jets remove the volatile constituents from the water. The water is then pumped through a bag filtration system designed to filter out iron particulates formed during the air stripping process, and then through a series of liquid phase granular activated carbon canisters to remove any remaining volatile organic compounds. The treated water is then discharged to the rear (northern end) of the property.

The cones of influence observed in the groundwater elevation contour maps (Appendix 3) were the result of groundwater pumping of the recovery well at a rate varying up to ten (10) gallons per minute. The groundwater treatment system was designed to operate at a rate up to approximately ten (10) gallons per minute (with a combined treatment rate up to approximately twenty (20) gallons per minute). Iron precipitate, forming in the carbon drums resulting from the oxidation of iron in the groundwater during the air stripping process has caused the reduced flow rates observed in the system. As a result, an iron filtration unit has been introduced into the groundwater treatment system. Details of the iron filtration unit are outlined in the 1995 First Quarter Groundwater Treatment System Inspection Report (ENSA Environmental, Inc., 4/27/95).

Although the system was designed to treat both groundwater and surface water, the system has treated almost entirely groundwater. The small volume of surface water treated by the system was treated as a result of the pilot test of the surface water system. The influence of the recovery well on the "perimeter ditches" has lowered the level of surface water in these ditches such that the pumping of the stormwater system is not necessary. The influence of the recovery well can best be observed immediately after a substantial storm event which fills the "perimeter ditches". Upon pumping the recovery well, the water level in the "perimeter ditches" was observed to be substantially lower after approximately three (3) days.

B. Hydraulic Effectiveness Monitoring

As part of the groundwater treatment system monitoring program, both hydraulic gradient and groundwater flow calculations were completed to more accurately determine the effective zone of capture for the system. Depth to water measurements are collected on a regular schedule. The depth to water measurement data and monitoring well survey elevation data were used to calculate the water table elevation for each monitoring well. The information is summarized in the table (Groundwater Plume Monitoring/Groundwater Elevation Data Sheets) located in Appendix 2.

A water table elevation contour map was generated for the wells monitoring the deep portion of the aquifer and a similar form of map was generated for the wells monitoring the shallow portion of the aquifer. A total of two (2) maps were generated for each data collection event. The groundwater elevation contour maps are located in Appendix 3.

1) Groundwater Elevation Contour Maps - April 18, 1995; May 30, 1995 and June 19, 1995

The groundwater elevation contour maps for the above dates indicate that a cone of influence has developed at the site as a result of pumping the recovery well. The cone of influence extends to the eastern and western property boundaries. The cone of influence also extends to well pairs #5 and #8 to the north. The May 30, 1995 and June 19, 1995 diagrams illustrate an increased cone of influence resulting from light precipitation events.

C. Groundwater/Surface Water Treatment Volumes

Table 5 (below) summarizes the volumes of water treated per month and per quarter by the treatment facility installed at the Northeast Environmental Services, Inc. facility. The total volume treated in 1993, 1994 and the first half of 1995; 6,766,456 gallons; was composed almost entirely of groundwater. It has been necessary to treat only 6,900 gallons of surface water (a result of testing the system).

TABLE 5

VOLUME SUMMARY 1993 AND 1994
GROUNDWATER TREATMENT SYSTEM
NORTHEAST ENVIRONMENTAL SERVICES, INC.

<u>Date</u>	<u>Treated Surface Waters (Gallons)</u>	<u>Treated Groundwater (Gallons)</u>
January 1993	0	0
February 1993	0	0
March 1993	<u>0</u>	<u>0</u>
Total Quarter	0	0
April 1993	0	2,507
May 1993	0	101,016
June 1993	<u>6,900</u>	<u>217,635</u>
Total Quarter	6,900	321,158
July 1993	0	249,842
August 1993	0	188,070
September 1993	<u>0</u>	<u>225,809</u>
Total Quarter	0	663,721
October 1993	0	168,531
November 1993	0	239,670
December 1993	<u>0</u>	<u>304,361</u>
Total Quarter	0	712,562

TABLE 5
(Continued)

**VOLUME SUMMARY 1993 AND 1994
GROUNDWATER TREATMENT SYSTEM
NORTHEAST ENVIRONMENTAL SERVICES, INC.**

<u>Date</u>	<u>Treated Surface Waters (Gallons)</u>	<u>Treated Groundwater (Gallons)</u>
January 1994	0	270,643
February 1994	0	223,961
March 1994	<u>0</u>	<u>260,599</u>
Total Quarter	0	755,203
April 1994	0	236,713
May 1994	0	260,818
June 1994	<u>0</u>	<u>192,092</u>
Total Quarter	0	689,623
July 1994	0	162,185
August 1994	0	194,935
September 1994	<u>0</u>	<u>306,365</u>
Total Quarter	0	663,485
October 1994	0	282,870
November 1994	0	372,433
December 1994	<u>0</u>	<u>332,793</u>
Total Quarter	0	988,096
January 1995	0	406,923
February 1995	0	276,664
March 1995	<u>0</u>	<u>267,596</u>
Total Quarter	0	951,183
April 1995	0	371,483
May 1995	0	324,231
June 1995	<u>0</u>	<u>307,134</u>
Total Quarter	0	1,002,848
<u>Date</u>	<u>Treated Surface Water (Gallons)</u>	<u>Treated Groundwater (Gallons)</u>
1993 Annual Total	6,900	1,697,441
1994 Annual Total	0	3,114,784
1995 Annual Total (to date)	0	1,954,031
Cumulative Totals	<u>6,900</u>	<u>6,776,456</u>

VIII. RECOMMENDATIONS

ENSA Environmental, Inc. submits the following recommendations regarding the NES, Inc. Canal Road facility:

1. Groundwater monitoring should continue in accordance with the Groundwater Monitoring Plan (INTEX 1992).
2. The groundwater treatment system should continue operation and performance monitoring should continue in accordance with all permit provisions.
3. The groundwater monitoring wells should be resurveyed in 1995, when frost is not present in the ground.

APPENDIX 1

MONITORING SYSTEM INSPECTIONS
NORTHEAST ENVIRONMENTAL SERVICES, INC.
SEMI-ANNUAL REPORT 1995



Environmental Services of America, Inc.

ENSA Environmental, Inc.

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GROUNDWATER MONITORING SYSTEM QUARTERLY INSPECTION

Well Designation 25

Date of Inspection 6/19/95 (month/day/year)

Time of Inspection 10:50 AM

Inspector's Name(s) R. Jones + K. Mc Gowan

Item	Types of Problems	*Status		Comments	Action	Date
		U	A			
Well Condition	Flagging Visibility (if applicable)		✓			
	Well Number Readable on Outer Casing		✓			
	Integrity of Surface Seal/Apron		✓			
	Integrity of Surface Casing		✓			
	Corrosion		✓			
	Inner Casing/Screen Integrity		✓			
	Measuring Point Visibility		✓	Outer		
	Total Depth		✓			
	Siltation		✓			
	Recharge Rate		✓			
	Other					
Security	Security Cap in Place		✓			
	Lock in Place		✓			
	Lock Functional		✓			
	Other					

Weather Conditions 90° Humid Sunny

Downwind Activities NEW HOUSE

Evidences of Contamination

*U/A - Unacceptable/Acceptable

Offices Nationwide

Rahway, NJ - Baltimore, MD - Royersford, PA - Philadelphia, PA
 New Orleans, LA - Syracuse, NY - Hartford, CT - Brattleboro, VT - Burlington, VT
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Environmental Services of America, Inc.

ENSA Environmental, Inc.

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GROUNDWATER MONITORING SYSTEM QUARTERLY INSPECTION

Well Designation 2D
Date of Inspection 6/12/95 (month/day/year)
Time of Inspection 10:30 AM
Inspector's Name(s) R. JONES & R. McGOWEN

Item	Types of Problems	*Status		Comments	Action	Date
		U	A			
Well Condition	Flagging Visibility (if applicable)		✓			
	Well Number Readable on Outer Casing		P			
	Integrity of Surface Seal/Apron	✓		CRACKED		
	Integrity of Surface Casing		✓			
	Corrosion		✓			
	Inner Casing/Screen Integrity		✓			
	Measuring Point Visibility		✓	OTHER		
	Total Depth		✓			
	Siltation		✓			
	Recharge Rate		✓			
	Other					
Security	Security Cap in Place		✓			
	Lock in Place		✓			
	Lock Functional		✓			
	Other					

Weather Conditions 90° Sunny & Humid

Downwind Activities WASH HOUSE

Evidences of Contamination

*U/A - Unacceptable/Acceptable



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GROUNDWATER MONITORING SYSTEM QUARTERLY INSPECTION

Well Designation 35
Date of Inspection 6/19/95 (month/day/year)
Time of Inspection 11:02 AM
Inspector's Name(s) R. Jones & K. McQueen

Item	Types of Problems	*Status		Comments	Action	Date
		U	A			
Well Condition	Flagging Visibility (if applicable)		✓			
	Well Number Readable on Outer Casing		✓			
	Integrity of Surface Seal/Apron	✓	✓	NB		
	Integrity of Surface Casing		✓			
	Corrosion		✓			
	Inner Casing/Screen Integrity		✓			
	Measuring Point Visibility		✓	Outer		
	Total Depth		✓			
	Siltation		✓			
	Recharge Rate		✓			
	Other					
Security	Security Cap in Place		✓			
	Lock in Place		✓			
	Lock Functional		✓			
	Other					

Weather Conditions 90° Sunny & Humid

Downwind Activities AGRICULTURE

Evidences of Contamination

*U/A - Unacceptable/Acceptable



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GROUNDWATER MONITORING SYSTEM QUARTERLY INSPECTION

Well Designation 3D

Date of Inspection 6/19/95 (month/day/year)

Time of Inspection 11:00 AM

Inspector's Name(s) A. Jones & K. McGowan

Item	Types of Problems	*Status		Comments	Action	Date
		U	A			
Well Condition	Flagging Visibility (if applicable)		✓			
	Well Number Readable on Outer Casing		✓			
	Integrity of Surface Seal/Apron		✓			
	Integrity of Surface Casing		✓			
	Corrosion		✓			
	Inner Casing/Screen Integrity		✓			
	Measuring Point Visibility		✓			
	Total Depth		✓			
	Siltation		✓			
	Recharge Rate		✓			
	Other					
Security	Security Cap in Place		✓			
	Lock in Place		✓			
	Lock Functional		✓			
	Other					

Weather Conditions 90° Sunny & Humid

Downwind Activities Agriculture

Evidences of Contamination

*U/A - Unacceptable/Acceptable

Offices Nationwide

Rahway, NJ - Baltimore, MD - Royersford, PA - Philadelphia, PA
 New Orleans, LA - Syracuse, NY - Hartford, CT - Brattleboro, VT - Burlington, VT
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GROUNDWATER MONITORING SYSTEM QUARTERLY INSPECTION

Well Designation 4/3
Date of Inspection 6/12/95 (month/day/year)
Time of Inspection 10:57AM
Inspector's Name(s) R. JONES & L. McGOVERN

Item	Types of Problems	*Status		Comments	Action	Date
		U	A			
Well Condition	Flagging Visibility (if applicable)		✓			
	Well Number Readable on Outer Casing		✓			
	Integrity of Surface Seal/Apron		✓			
	Integrity of Surface Casing		✓			
	Corrosion		✓			
	Inner Casing/Screen Integrity		✓			
	Measuring Point Visibility		✓	OUTER		
	Total Depth		✓			
	Siltation		✓			
	Recharge Rate		✓			
	Other					
Security	Security Cap in Place		✓			
	Lock in Place		✓			
	Lock Functional		✓			
	Other					

Weather Conditions 90° Sunny + Humid

Downwind Activities AGRICULTURE

Evidences of Contamination

*U/A - Unacceptable/Acceptable

Offices Nationwide

Rahway, NJ - Baltimore, MD - Royersford, PA - Philadelphia, PA
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GROUNDWATER MONITORING SYSTEM QUARTERLY INSPECTION

Well Designation 4D

Date of Inspection 6/19/95 (month/day/year)

Time of Inspection 10:58 AM

Inspector's Name(s) J. Jones & K. McGovern

Item	Types of Problems	*Status		Comments	Action	Date
		U	A			
Well Condition	Flagging Visibility (if applicable)		✓			
	Well Number Readable on Outer Casing		✓			
	Integrity of Surface Seal/Apron		✓			
	Integrity of Surface Casing		✓			
	Corrosion		✓			
	Inner Casing/Screen Integrity		✓			
	Measuring Point Visibility		✓	Outer		
	Total Depth		✓			
	Siltation		✓			
	Recharge Rate		✓			
	Other					
Security	Security Cap in Place		✓			
	Lock in Place		✓			
	Lock Functional		✓			
	Other					

Weather Conditions 90° Sunny + Humid

Downwind Activities Agriculture

Evidences of Contamination

*U/A - Unacceptable/Acceptable

Offices Nationwide

Rahway, NJ - Baltimore, MD - Royersford, PA - Philadelphia, PA
New Orleans, LA - Syracuse, NY - Hartford, CT - Brattleboro, VT - Burlington, VT
Chicago, IL - Los Angeles, CA - South Bend, IN - Scott City, MO



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GROUNDWATER MONITORING SYSTEM QUARTERLY INSPECTION

Well Designation 55
Date of Inspection 6/19/95 (month/day/year)
Time of Inspection 10:05 AM
Inspector's Name(s) R. Jones & K. McGowan

Item	Types of Problems	*Status		Comments	Action	Date
		U	A			
Well Condition	Flagging Visibility (if applicable)		✓			
	Well Number Readable on Outer Casing		✓			
	Integrity of Surface Seal/Apron		✓			
	Integrity of Surface Casing		✓			
	Corrosion		✓			
	Inner Casing/Screen Integrity		✓			
	Measuring Point Visibility		✓			
	Total Depth		✓			
	Siltation		✓			
	Recharge Rate		✓			
	Other					
Security	Security Cap in Place		✓			
	Lock in Place		✓			
	Lock Functional		✓			
	Other					

Weather Conditions 90° Sunny & Humid

Downwind Activities Agriculture

Evidences of Contamination

*U/A - Unacceptable/Acceptable

Offices Nationwide

Rahway, NJ - Baltimore, MD - Royersford, PA - Philadelphia, PA
New Orleans, LA - Syracuse, NY - Hartford, CT - Brattleboro, VT - Burlington, VT
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GROUNDWATER MONITORING SYSTEM QUARTERLY INSPECTION

Well Designation 50
Date of Inspection 6/19/95 (month/day/year)
Time of Inspection 10:05 AM
Inspector's Name(s) JL. JONES & K. McNEEN

Item	Types of Problems	*Status		Comments	Action	Date
		U	A			
Well Condition	Flagging Visibility (if applicable)		✓			
	Well Number Readable on Outer Casing		✓			
	Integrity of Surface Seal/Apron		✓			
	Integrity of Surface Casing		✓			
	Corrosion		✓			
	Inner Casing/Screen Integrity		✓			
	Measuring Point Visibility		✓			
	Total Depth		✓			
	Siltation		✓			
	Recharge Rate		✓			
	Other					
Security	Security Cap in Place		✓			
	Lock in Place		✓			
	Lock Functional		✓			
	Other					

Weather Conditions 90° Sunny & Humid

Downwind Activities AGRICULTURE

Evidences of Contamination _____

*U/A - Unacceptable/Acceptable

Offices Nationwide

Rahway, NJ - Baltimore, MD - Royersford, PA - Philadelphia, PA
New Orleans, LA - Syracuse, NY - Hartford, CT - Brattleboro, VT - Burlington, VT
Chicago, IL - Los Angeles, CA - South Bend, IN - Scott City, MO



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GROUNDWATER MONITORING SYSTEM QUARTERLY INSPECTION

Well Designation

65

Date of Inspection

6/12/95

(month/day/year)

Time of Inspection

10:45 AM

Inspector's Name(s)

R. Jones & K. McGowan

Item	Types of Problems	*Status		Comments	Action	Date
		U	A			
Well Condition	Flagging Visibility (if applicable)		✓			
	Well Number Readable on Outer Casing		✓			
	Integrity of Surface Seal/Apron		✓			
	Integrity of Surface Casing		✓			
	Corrosion		✓			
	Inner Casing/Screen Integrity		✓			
	Measuring Point Visibility		✓	Outer		
	Total Depth	✓*				
	Siltation	✓*		Possible broken bottom of screen		
	Recharge Rate		✓			
Security	Other					
	Security Cap in Place		✓			
	Lock in Place		✓			
	Lock Functional		✓			
	Other					

Weather Conditions

90° Sunny + Humid

Downwind Activities

Facility Loading PA.

Evidences of Contamination

*U/A - Unacceptable/Acceptable

Offices Nationwide

Rahway, NJ - Baltimore, MD - Royersford, PA - Philadelphia, PA
New Orleans, LA - Syracuse, NY - Hartford, CT - Brattleboro, VT - Burlington, VT
Chicago, IL - Los Angeles, CA - South Bend, IN - Scott City, MO



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GROUNDWATER MONITORING SYSTEM QUARTERLY INSPECTION

Well Designation

60

Date of Inspection

6/12/95

(month/day/year)

Time of Inspection

10:45 AM

Inspector's Name(s)

R. Jones & K. McGowan

Item	Types of Problems	*Status		Comments	Action	Date
		U	A			
Well Condition	Flagging Visibility (if applicable)		✓			
	Well Number Readable on Outer Casing		✓			
	Integrity of Surface Seal/Apron		✓			
	Integrity of Surface Casing		✓			
	Corrosion		✓			
	Inner Casing/Screen Integrity		✓			
	Measuring Point Visibility		✓			
	Total Depth		✓			
	Siltation		✓			
	Recharge Rate		✓			
	Other					
Security	Security Cap in Place		✓			
	Lock in Place		✓			
	Lock Functional		✓			
	Other					

Weather Conditions

90° Sunny & Humid

Downwind Activities

FACILITY LOADING P&D

Evidences of Contamination

*U/A - Unacceptable/Acceptable

Offices Nationwide

Rahway, NJ - Baltimore, MD - Royersford, PA - Philadelphia, PA
New Orleans, LA - Syracuse, NY - Hartford, CT - Brattleboro, VT - Burlington, VT
Chicago, IL - Los Angeles, CA - South Bend, IN - Scott City, MO



Environmental Services of America, Inc.

ENSA Environmental, Inc.

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Fax: (315) 697-3291

FORMS\GWQTRINS.FRM

GROUNDWATER MONITORING SYSTEM QUARTERLY INSPECTION

Well Designation 85
Date of Inspection 6/9/95 (month/day/year)
Time of Inspection 10:15 AM
Inspector's Name(s) Mr. Jones & Ms. McGowan

Item	Types of Problems	*Status		Comments	Action	Date
		U	A			
Well Condition	Flagging Visibility (if applicable)		✓			
	Well Number Readable on Outer Casing		✓			
	Integrity of Surface Seal/Apron		✓			
	Integrity of Surface Casing		✓			
	Corrosion		✓			
	Inner Casing/Screen Integrity		✓			
	Measuring Point Visibility		✓	ON Outer CASING		
	Total Depth		✓			
	Siltation		✓			
	Recharge Rate		✓			
	Other					
Security	Security Cap in Place		✓			
	Lock in Place		✓			
	Lock Functional		✓			
	Other					

Weather Conditions 70° Sunny & Wind

Downwind Activities AGRICULTURE

Evidences of Contamination

*U/A - Unacceptable/Acceptable

Offices Nationwide

Rahway, NJ - Baltimore, MD - Royersford, PA - Philadelphia, PA
New Orleans, LA - Syracuse, NY - Hartford, CT - Brattleboro, VT - Burlington, VT
Chicago, IL - Los Angeles, CA - South Bend, IN - Scott City, MO



Environmental Services of America, Inc.

ENSA Environmental, Inc.

Marguerite Drive West
RR#6, Box 8B
Canastota, NY 13032
Phone: (315) 697-3733
Fax: (315) 697-3291

FORMS\GWQTRINS.FRM

GROUNDWATER MONITORING SYSTEM QUARTERLY INSPECTION

Well Designation SD
Date of Inspection 6/19/95 (month/day/year)
Time of Inspection 10:15 AM
Inspector's Name(s) Dr. Jones & K. McGovern

Item	Types of Problems	*Status		Comments	Action	Date
		U	A			
Well Condition	Flagging Visibility (if applicable)		✓			
	Well Number Readable on Outer Casing		✓			
	Integrity of Surface Seal/Apron		✓			
	Integrity of Surface Casing		✓			
	Corrosion		✓			
	Inner Casing/Screen Integrity		✓			
	Measuring Point Visibility		✓			
	Total Depth		✓			
	Siltation		✓			
	Recharge Rate		✓			
	Other					
Security	Security Cap in Place		✓			
	Lock in Place		✓			
	Lock Functional		✓			
	Other					

Weather Conditions 90° Sunny & Wind

Downwind Activities AGRICULTURE

Evidences of Contamination

*U/A - Unacceptable/Acceptable

Offices Nationwide

Rahway, NJ - Baltimore, MD - Royersford, PA - Philadelphia, PA
New Orleans, LA - Syracuse, NY - Hartford, CT - Brattleboro, VT - Burlington, VT
Chicago, IL - Los Angeles, CA - South Bend, IN - Scott City, MO



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GROUNDWATER MONITORING SYSTEM QUARTERLY INSPECTION

Well Designation 95

Date of Inspection 6/19/95 (month/day/year)

Time of Inspection 10:30AM

Inspector's Name(s) P. JONES & K. McGOWAN

Item	Types of Problems	*Status U A		Comments	Action	Date
Well Condition	Flagging Visibility (if applicable)		✓			
	Well Number Readable on Outer Casing		✓			
	Integrity of Surface Seal/Apron		✓			
	Integrity of Surface Casing		✓			
	Corrosion		✓			
	Inner Casing/Screen Integrity		✓			
	Measuring Point Visibility		✓	C/15/95		
	Total Depth		✓			
	Siltation		✓			
	Recharge Rate		✓			
	Other					
Security	Security Cap in Place		✓			
	Lock in Place		✓			
	Lock Functional		✓			
	Other					

Weather Conditions 90° Sunny + Humid

Downwind Activities AGRICULTURE

Evidences of Contamination

*U/A - Unacceptable/Acceptable

Offices Nationwide

Rahway, NJ - Baltimore, MD - Royersford, PA - Philadelphia, PA
 New Orleans, LA - Syracuse, NY - Hartford, CT - Brattleboro, VT - Burlington, VT
 Chicago, IL - Los Angeles, CA - South Bend, IN - Scott City, MO



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GROUNDWATER MONITORING SYSTEM QUARTERLY INSPECTION

Well Designation 9D

Date of Inspection 6/19/95 (month/day/year)

Time of Inspection 10:30 AM

Inspector's Name(s) J. Jones & K. McGovern

Item	Types of Problems	*Status		Comments	Action	Date
		U	A			
Well Condition	Flagging Visibility (if applicable)		✓			
	Well Number Readable on Outer Casing		✓			
	Integrity of Surface Seal/Apron		✓			
	Integrity of Surface Casing		✓			
	Corrosion		✓			
	Inner Casing/Screen Integrity		✓			
	Measuring Point Visibility		✓			
	Total Depth		✓			
	Siltation		✓			
	Recharge Rate		✓			
	Other					
Security	Security Cap in Place		✓			
	Lock in Place		✓			
	Lock Functional		✓			
	Other					

Weather Conditions 90° Sunny & Humid

Downwind Activities AGRICULTURE

Evidences of Contamination

*U/A - Unacceptable/Acceptable

Offices Nationwide

Rahway, NJ - Baltimore, MD - Royersford, PA - Philadelphia, PA
 New Orleans, LA - Syracuse, NY - Hartford, CT - Brattleboro, VT - Burlington, VT
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GROUNDWATER MONITORING SYSTEM QUARTERLY INSPECTION

Well Designation 105

Date of Inspection 6/19/95 (month/day/year)

Time of Inspection 10:20AM

Inspector's Name(s) JL. JONES & J.L. McGIVERN

Item	Types of Problems	*Status		Comments	Action	Date
		U	A			
Well Condition	Flagging Visibility (if applicable)		✓			
	Well Number Readable on Outer Casing		✓			
	Integrity of Surface Seal/Apron	✓		FLOATING		
	Integrity of Surface Casing	✓		↓		
	Corrosion		✓			
	Inner Casing/Screen Integrity	✓				
	Measuring Point Visibility		✓			
	Total Depth		✓			
	Siltation		✓			
	Recharge Rate		✓			
	Other					
Security	Security Cap in Place		✓			
	Lock in Place		✓			
	Lock Functional		✓			
	Other					

Weather Conditions 90° Sunny & Humid

Downwind Activities AGRICULTURE

Evidences of Contamination _____

*U/A - Unacceptable/Acceptable

Offices Nationwide

Rahway, NJ - Baltimore, MD - Royersford, PA - Philadelphia, PA
New Orleans, LA - Syracuse, NY - Hartford, CT - Brattleboro, VT - Burlington, VT
Chicago, IL - Los Angeles, CA - South Bend, IN - Scott City, MO



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GROUNDWATER MONITORING SYSTEM QUARTERLY INSPECTION

Well Designation 107

Date of Inspection 6/19/95 (month/day/year)

Time of Inspection 10:20 AM

Inspector's Name(s) A. Jones & K. McGowan

Item	Types of Problems	*Status		Comments	Action	Date
		U	A			
Well Condition	Flagging Visibility (if applicable)		✓			
	Well Number Readable on Outer Casing		✓			
	Integrity of Surface Seal/Apron		✓			
	Integrity of Surface Casing		✓			
	Corrosion		✓			
	Inner Casing/Screen Integrity		✓			
	Measuring Point Visibility		✓			
	Total Depth		✓			
	Siltation		✓			
	Recharge Rate		✓			
	Other					
Security	Security Cap in Place		✓			
	Lock in Place		✓			
	Lock Functional		✓			
	Other					

Weather Conditions 90° Sunny & Humid

Downwind Activities AGRICULTURE

Evidences of Contamination _____

*U/A - Unacceptable/Acceptable

Offices Nationwide

Rahway, NJ - Baltimore, MD - Royersford, PA - Philadelphia, PA
 New Orleans, LA - Syracuse, NY - Hartford, CT - Brattleboro, VT - Burlington, VT
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GROUNDWATER MONITORING SYSTEM QUARTERLY INSPECTION

Well Designation 115

Date of Inspection 6/19/95 (month/day/year)

Time of Inspection 9:45

Inspector's Name(s) R. Jones & K. McGovern

Item	Types of Problems	*Status		Comments	Action	Date
		U	A			
Well Condition	Flagging Visibility (if applicable)	NA				
	Well Number Readable on Outer Casing	✓				
	Integrity of Surface Seal/Apron		✓			
	Integrity of Surface Casing		✓			
	Corrosion		✓			
	Inner Casing/Screen Integrity		✓			
	Measuring Point Visibility	✓				
	Total Depth		✓			
	Siltation		✓			
	Recharge Rate		✓			
	Other					
Security	Security Cap in Place	✓				
	Lock in Place	NA				
	Lock Functional	NA				
	Other					

Weather Conditions 90° Sunny & Humid

Downwind Activities AGRICULTURE

Evidences of Contamination

*U/A - Unacceptable/Acceptable

Offices Nationwide

Rahway, NJ - Baltimore, MD - Royersford, PA - Philadelphia, PA
 New Orleans, LA - Syracuse, NY - Hartford, CT - Brattleboro, VT - Burlington, VT
 Chicago, IL - Los Angeles, CA - South Bend, IN - Scott City, MO



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GROUNDWATER MONITORING SYSTEM QUARTERLY INSPECTION

Well Designation 117
Date of Inspection 6/19/95 (month/day/year)
Time of Inspection _____
Inspector's Name(s) R. Jones & K. McGowan

Item	Types of Problems	*Status		Comments	Action	Date
		U	A			
Well Condition	Flagging Visibility (if applicable)	NA				
	Well Number Readable on Outer Casing	✓				
	Integrity of Surface Seal/Apron		✓			
	Integrity of Surface Casing		✓			
	Corrosion		✓			
	Inner Casing/Screen Integrity		✓			
	Measuring Point Visibility	✓				
	Total Depth		✓			
	Siltation		✓			
	Recharge Rate		✓			
	Other					
Security	Security Cap in Place	✓				
	Lock in Place	NA				
	Lock Functional	NA				
	Other					

Weather Conditions 70° Sunny & Humid

Downwind Activities AGRICULTURE

Evidences of Contamination _____

*U/A - Unacceptable/Acceptable



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GROUNDWATER MONITORING SYSTEM QUARTERLY INSPECTION

Well Designation 12

Date of Inspection 6/19/95 (month/day/year)

Time of Inspection _____

Inspector's Name(s) DL JONES & K. McGOWAN

Item	Types of Problems	*Status		Comments	Action	Date
		U	A			
Well Condition	Flagging Visibility (if applicable)	NA				
	Well Number Readable on Outer Casing	✓		FADED		
	Integrity of Surface Seal/Apron		✓			
	Integrity of Surface Casing		✓			
	Corrosion		✓			
	Inner Casing/Screen Integrity		✓			
	Measuring Point Visibility	NA				
	Total Depth		✓			
	Siltation		✓			
	Recharge Rate		✓			
	Other					
Security	Security Cap in Place	✓				
	Lock in Place	NA				
	Lock Functional	NA				
	Other					

Weather Conditions 90° Sunny & Humid

Downwind Activities Agriculture

Evidences of Contamination _____

*U/A - Unacceptable/Acceptable

Offices Nationwide

Rahway, NJ - Baltimore, MD - Royersford, PA - Philadelphia, PA
 New Orleans, LA - Syracuse, NY - Hartford, CT - Brattleboro, VT - Burlington, VT
 Chicago, IL - Los Angeles, CA - South Bend, IN - Scott City, MO



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GROUNDWATER MONITORING SYSTEM QUARTERLY INSPECTION

Well Designation 13
Date of Inspection 6/12/95 (month/day/year)
Time of Inspection 10:30 AM
Inspector's Name(s) D. JONES + K. McGARR

Item	Types of Problems	*Status		Comments	Action	Date
		U	A			
Well Condition	Flagging Visibility (if applicable)		✓			
	Well Number Readable on Outer Casing		✓			
	Integrity of Surface Seal/Apron		✓			
	Integrity of Surface Casing		✓			
	Corrosion		✓			
	Inner Casing/Screen Integrity					
	Measuring Point Visibility		✓	Outer casing		
	Total Depth		✓			
	Siltation		✓			
	Recharge Rate		✓			
	Other					
Security	Security Cap in Place		✓			
	Lock in Place		✓			
	Lock Functional		✓			
	Other					

Weather Conditions 90° Sunny Wind

Downwind Activities Agriculture

Evidences of Contamination

*U/A - Unacceptable/Acceptable



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GROUNDWATER MONITORING SYSTEM QUARTERLY INSPECTION

Well Designation CS-1

Date of Inspection 6/19/95 (month/day/year)

Time of Inspection 10:00AM

Inspector's Name(s) R. Jones & L. McGovern

Item	Types of Problems	*Status		Comments	Action	Date
		U	A			
Well Condition	Flagging Visibility (if applicable)		✓			
	Well Number Readable on Outer Casing		✓			
	Integrity of Surface Seal/Apron		✓			
	Integrity of Surface Casing		✓			
	Corrosion		✓			
	Inner Casing/Screen Integrity		✓			
	Measuring Point Visibility		✓			
	Total Depth	✓				
	Siltation	✓				
	Recharge Rate		✓			
	Other					
Security	Security Cap in Place		✓			
	Lock in Place		✓			
	Lock Functional		✓			
	Other					

Weather Conditions 90° Sunny & Humid

Downwind Activities AGRICULTURE

Evidences of Contamination

*U/A - Unacceptable/Acceptable

Offices Nationwide

Rahway, NJ - Baltimore, MD - Royersford, PA - Philadelphia, PA
 New Orleans, LA - Syracuse, NY - Hartford, CT - Brattleboro, VT - Burlington, VT
 Chicago, IL - Los Angeles, CA - South Bend, IN - Scott City, MO



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ENSA Environmental, Inc.

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Canastota, NY 13032

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GROUNDWATER MONITORING SYSTEM QUARTERLY INSPECTION

Well Designation CD-2

Date of Inspection 6/19/95 (month/day/year)

Time of Inspection 10:00AM

Inspector's Name(s) R. JONES & R. McGOVERN

Item	Types of Problems	*Status		Comments	Action	Date
		U	A			
Well Condition	Flagging Visibility (if applicable)		✓			
	Well Number Readable on Outer Casing		✓			
	Integrity of Surface Seal/Apron	✓				
	Integrity of Surface Casing		✓			
	Corrosion		✓			
	Inner Casing/Screen Integrity		✓			
	Measuring Point Visibility		✓			
	Total Depth	✓				
	Siltation	✓				
	Recharge Rate		✓			
	Other					
Security	Security Cap in Place		✓			
	Lock in Place		✓			
	Lock Functional		✓			
	Other					

Weather Conditions 90° Sunny & Humid

Downwind Activities AGRICULTURE

Evidences of Contamination _____

*U/A - Unacceptable/Acceptable



Environmental Services of America, Inc.

ENSA Environmental, Inc.

Marguerite Drive West

RR#6, Box 8B

Canastota, NY 13032

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Fax: (315) 697-3291

FORMS\GWQTRINS.FRM

GROUNDWATER MONITORING SYSTEM QUARTERLY INSPECTION

Well Designation ES-1

Date of Inspection 6/19/95 (month/day/year)

Time of Inspection 10:35 AM

Inspector's Name(s) R. Jones & K. McGovern

Item	Types of Problems	*Status		Comments	Action	Date
		U	A			
Well Condition	Flagging Visibility (if applicable)		✓			
	Well Number Readable on Outer Casing		✓	Minor		
	Integrity of Surface Seal/Apron	✓		Frost		
	Integrity of Surface Casing	✓		↓		
	Corrosion		✓			
	Inner Casing/Screen Integrity	✓		Frost		
	Measuring Point Visibility		✓			
	Total Depth		✓			
	Siltation		✓			
	Recharge Rate		✓			
	Other					
Security	Security Cap in Place		✓			
	Lock in Place		✓			
	Lock Functional		✓			
	Other					

Weather Conditions 90° Sunny & Humid

Downwind Activities Agriculture

Evidences of Contamination

*U/A - Unacceptable/Acceptable

Offices Nationwide

Rahway, NJ - Baltimore, MD - Royersford, PA - Philadelphia, PA
New Orleans, LA - Syracuse, NY - Hartford, CT - Brattleboro, VT - Burlington, VT
Chicago, IL - Los Angeles, CA - South Bend, IN - Scott City, MO



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GROUNDWATER MONITORING SYSTEM QUARTERLY INSPECTION

Well Designation

ED-2

Date of Inspection

6/19/95

(month/day/year)

Time of Inspection

10:35AM

Inspector's Name(s)

RS JONES & K. MCGOVERN

Item	Types of Problems	*Status		Comments	Action	Date
		U	A			
Well Condition	Flagging Visibility (if applicable)		✓			
	Well Number Readable on Outer Casing		✓			
	Integrity of Surface Seal/Apron	✓		For Frost Risk		
	Integrity of Surface Casing	✓		↓		
	Corrosion		✓			
	Inner Casing/Screen Integrity	✓		Frost		
	Measuring Point Visibility		✓	Outside		
	Total Depth	✓				
	Siltation	✓				
	Recharge Rate		✓			
	Other					
Security	Security Cap in Place		✓			
	Lock in Place		✓			
	Lock Functional		✓			
	Other					

Weather Conditions

90° SUNNY & HUMID

Downwind Activities

AGRICULTURE

Evidences of Contamination

*U/A - Unacceptable/Acceptable

Offices Nationwide

Rahway, NJ - Baltimore, MD - Royersford, PA - Philadelphia, PA
New Orleans, LA - Syracuse, NY - Hartford, CT - Brattleboro, VT - Burlington, VT
Chicago, IL - Los Angeles, CA - South Bend, IN - Scott City, MO



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GROUNDWATER MONITORING SYSTEM QUARTERLY INSPECTION

Well Designation

TD-1

Date of Inspection

6/19/15

(month/day/year)

Time of Inspection

11:12 AM

Inspector's Name(s)

R. Jones & K. McGowan

Item	Types of Problems	*Status		Comments	Action	Date
		U	A			
Well Condition	Flagging Visibility (if applicable)	✓	✗			
	Well Number Readable on Outer Casing		✓			
	Integrity of Surface Seal/Apron	NA				
	Integrity of Surface Casing		✓			
	Corrosion		✓			
	Inner Casing/Screen Integrity		✓			
	Measuring Point Visibility		✓	OUTER		
	Total Depth		✓			
	Siltation		✓			
	Recharge Rate		✓			
	Other					
Security	Security Cap in Place		✓			
	Lock in Place		✓			
	Lock Functional		✓			
	Other					

Weather Conditions

70° Sunny & Humid

Downwind Activities

AGRICULTURE

Evidences of Contamination

*U/A - Unacceptable/Acceptable

Offices Nationwide

Rahway, NJ - Baltimore, MD - Royersford, PA - Philadelphia, PA
New Orleans, LA - Syracuse, NY - Hartford, CT - Brattleboro, VT - Burlington, VT
Chicago, IL - Los Angeles, CA - South Bend, IN - Scott City, MO



Environmental Services of America, Inc.

ENSA Environmental, Inc.

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Canastota, NY 13032

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GROUNDWATER MONITORING SYSTEM QUARTERLY INSPECTION

Well Designation RL-1

Date of Inspection 6/19/95 (month/day/year)

Time of Inspection 11:10 AM

Inspector's Name(s) R. Jones & K. McGovern

Item	Types of Problems	*Status		Comments	Action	Date
		U	A			
Well Condition	Flagging Visibility (if applicable)		✓			
	Well Number Readable on Outer Casing		✓			
	Integrity of Surface Seal/Apron	NA				
	Integrity of Surface Casing		✓			
	Corrosion		✓			
	Inner Casing/Screen Integrity		✓			
	Measuring Point Visibility		✓	Clear		
	Total Depth		✓			
	Siltation		✓			
	Recharge Rate		✓			
	Other					
Security	Security Cap in Place		✓			
	Lock in Place	NA		No Lock		
	Lock Functional	NA				
	Other					

Weather Conditions 90° Sunny & Humid

Downwind Activities Well House

Evidences of Contamination

*U/A - Unacceptable/Acceptable

Offices Nationwide

Rahway, NJ - Baltimore, MD - Royersford, PA - Philadelphia, PA
New Orleans, LA - Syracuse, NY - Hartford, CT - Brattleboro, VT - Burlington, VT
Chicago, IL - Los Angeles, CA - South Bend, IN - Scott City, MO

NES - Canal Street Facility
Well and Groundwater Data
6/19/95

Page 2

Well I.D.	Total Depth Measured (feet)	Depth of Well Installed (feet)	Screened Interval (feet)	MW Stick Up. (feet)	Amt. of Well Obstructed by Silt (feet)	Percent of Screened Area Obstructed by Silt	Purge Volume (gallons)	Number of 5 Gallon Buckets
2S	17.32	15.00	10.00	2.40	0.08	0.80	5.12	1.02
2D	26.88	25.00	10.00	1.60	-0.28	-2.80	10.17	2.03
3S	16.73	15.00	10.00	2.40	0.67	6.70	4.91	0.98
3D	28.98	27.00	15.00	1.70	-0.28	-1.87	11.41	2.28
4S	17.58	15.00	10.00	2.40	-0.18	-1.80	5.27	1.05
4D	28.95	28.00	15.00	1.90	0.95	6.33	11.02	2.20
5S	16.80	15.00	10.00	2.20	0.40	4.00	5.25	1.05
5D	30.42	29.00	15.00	1.90	0.48	3.20	12.58	2.52
6S	15.30	15.00	10.00	2.10	1.80	18.00	4.84	0.97
6D	26.29	25.00	10.00	1.60	0.31	3.10	10.63	2.13
8S	18.62	17.00	15.00	2.40	0.78	5.20	6.22	1.24
8D	31.07	30.00	15.00	1.50	0.43	2.87	13.09	2.62
9S	18.09	17.00	15.00	2.40	1.31	8.73	6.17	1.23
9D	32.34	30.00	15.00	1.50	-0.84	-5.60	13.71	2.74
10S	19.27	17.00	15.00	2.20	-0.07	-0.47	7.00	1.40
10D	30.40	29.50	15.00	1.70	0.80	5.33	13.16	2.63
11S	14.52	15.00	10.00	0.00	0.48	4.80	6.07	1.21
11D	21.18	21.50	10.00	0.00	0.32	3.20	9.37	1.87
12	30.25	30.00	5.00	0.00	-0.25	-5.00	14.10	2.82
13	37.13	32.00	5.00	2.20	-2.93	-58.60	15.91	3.18
CS - 1	11.02	17.00	7.00	3.10	9.08	129.71	2.15	0.43
CD - 1	26.40	28.00	11.00	2.00	3.60	32.73	10.69	2.14
ES - 1	15.49	13.00	9.00	3.00	0.51	5.67	4.32	0.86
ED - 2	28.14	26.00	11.00	3.30	1.16	10.55	10.56	2.11
TD - 1	18.59	17.00	7.00	2.10	0.51	7.29	53.33	10.67
R - 1	NA	27.50	15.00	2.10	NA	NA	NA	NA

APPENDIX 2

WATER TABLE ELEVATION DATA - WELL DATA
NORTHEAST ENVIRONMENTAL SERVICES, INC.
SEMI-ANNUAL REPORT 1995

NES - Canal Street Facility
Well and Groundwater Data

Page 1

Well I.D.	Well Elevation (feet) amsl	Date	Depth (feet)	Groundwater Elevation (feet) amsl	Date	Depth (feet)	Groundwater Elevation (feet) amsl
2S	423.54	4/18/95	5.64	417.90			
2D	422.92	4/18/95	5.30	417.62			
3S	423.80	4/18/95	5.15	418.65			
3D	423.47	4/18/95	4.63	418.84			
4S	423.14	4/18/95	5.42	417.72			
4D	422.62	4/18/95	5.69	416.93			
5S	422.37	4/18/95	4.58	417.79			
5D	421.64	4/18/95	3.97	417.67			
6S	423.92	4/18/95	4.15	419.77			
6D	423.32	4/18/95	3.80	419.52			
8S	422.39	4/18/95	4.56	417.83			
8D	421.29	4/18/95	3.73	417.56			
9S	422.20	4/18/95	4.20	418.00			
9D	421.56	4/18/95	3.92	417.64			
10S	421.53	4/18/95	4.09	417.44			
10D	420.66	4/18/95	3.11	417.55			
11S	423.46	4/18/95	1.67	421.79			
11D	423.54	4/18/95	1.76	421.78			
12	423.48	4/18/95	1.75	421.73			
13	422.08	4/18/95	4.18	417.90			
CS - 1	422.81	4/18/95	4.80	418.01			
CD - 1	421.56	4/18/95	3.66	417.90			
ES - 1	423.48	4/18/95	5.20	418.28			
ED - 2	423.63	4/18/95	5.94	417.69			
TD - 1	422.19	4/18/95	5.09	417.10			
R - 1	422.22	4/18/95	18.44	403.78			

NES - Canal Street Facility
Well and Groundwater Data

Page 1

Well I.D.	Well Elevation (feet) amsl	Date	Depth (feet)	Groundwater Elevation (feet) amsl	Date	Depth (feet)	Groundwater Elevation (feet) amsl
2S	423.54	5/30/95	6.58	416.96			
2D	422.92	5/30/95	6.20	416.72			
3S	423.80	5/30/95	6.32	417.48			
3D	423.47	5/30/95	5.90	417.57			
4S	423.14	5/30/95	6.47	416.67			
4D	422.62	5/30/95	6.46	416.16			
5S	422.37	5/30/95	5.73	416.64			
5D	421.64	5/30/95	5.01	416.63			
6S	423.92	5/30/95	5.70	418.22			
6D	423.32	5/30/95	4.78	418.54			
8S	422.39	5/30/95	5.70	416.69			
8D	421.29	5/30/95	4.63	416.66			
9S	422.20	5/30/95	5.40	416.80			
9D	421.56	5/30/95	4.76	416.80			
10S	421.53	5/30/95	4.83	416.70			
10D	420.66	5/30/95	3.89	416.77			
11S	423.46	5/30/95	2.51	420.95			
11D	423.54	5/30/95	2.16	421.38			
12	423.48	5/30/95	2.44	421.04			
13	422.08	5/30/95	5.16	416.92			
CS - 1	422.81	5/30/95	5.95	416.86			
CD - 1	421.56	5/30/95	4.81	416.75			
ES - 1	423.48	5/30/95	6.32	417.16			
ED - 2	423.63	5/30/95	6.77	416.86			
TD - 1	422.19	5/30/95	5.92	416.27			
R - 1	422.22	5/30/95	14.50	407.72			

NES - Canal Street Facility
Well and Groundwater Data

Page 1

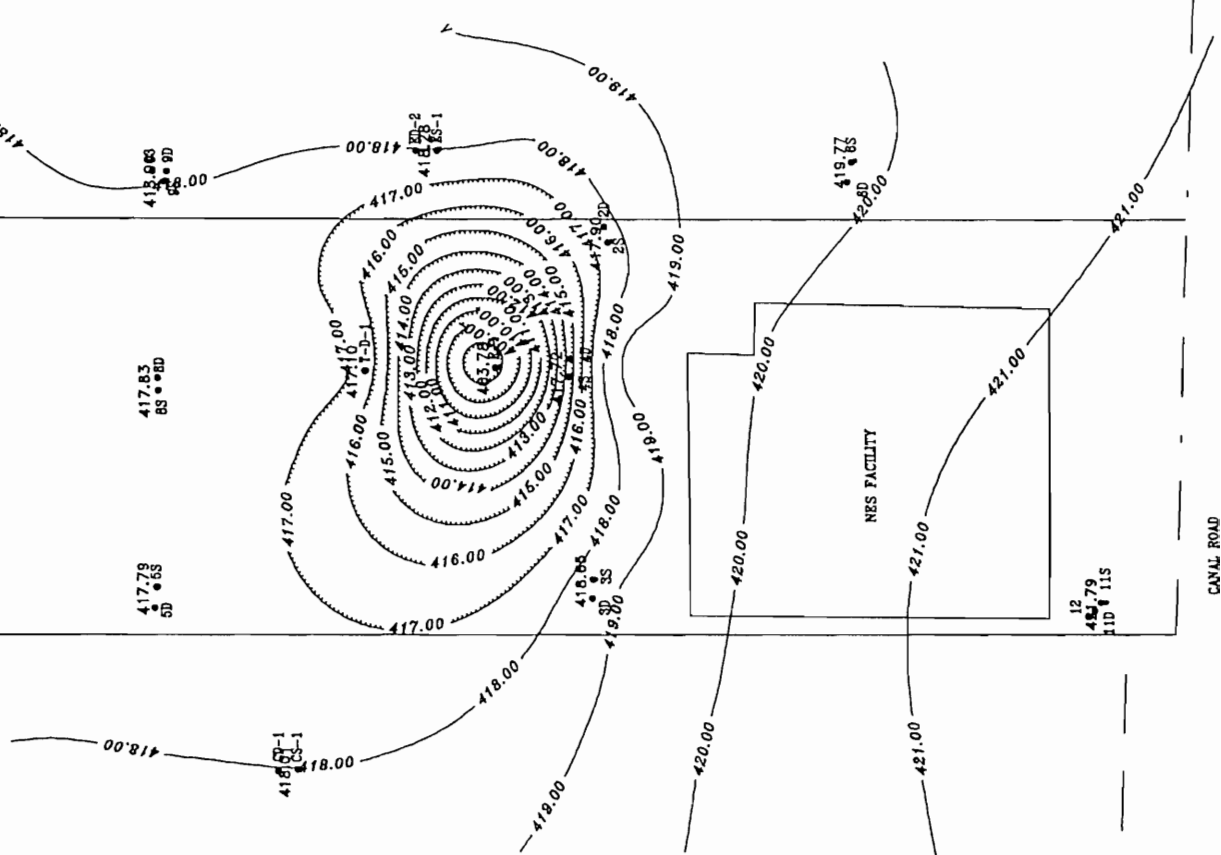
Well I.D.	Well Elevation (feet) amsl	Date	Depth (feet)	Groundwater Elevation (feet) amsl	Date	Depth (feet)	Groundwater Elevation (feet) amsl
2S	423.54				6/19/95	7.28	416.26
2D	422.92				6/19/95	6.94	415.98
3S	423.80				6/19/95	7.11	416.69
3D	423.47				6/19/95	6.61	416.86
4S	423.14				6/19/95	7.24	415.90
4D	422.62				6/19/95	7.34	415.28
5S	422.37				6/19/95	6.51	415.86
5D	421.64				6/19/95	5.75	415.89
6S	423.92				6/19/95	5.81	418.11
6D	423.32				6/19/95	5.44	417.88
8S	422.39				6/19/95	6.42	415.97
8D	421.29				6/19/95	5.41	415.88
9S	422.20				6/19/95	6.00	416.20
9D	421.56				6/19/95	5.46	416.10
10S	421.53				6/19/95	5.55	415.98
10D	420.66				6/19/95	4.60	416.06
11S	423.46				6/19/95	2.62	420.84
11D	423.54				6/19/95	2.81	420.73
12	423.48				6/19/95	2.60	420.88
13	422.08				6/19/95	5.94	416.14
CS - 1	422.81				6/19/95	6.80	416.01
CD - 1	421.56				6/19/95	5.44	416.12
ES - 1	423.48				6/19/95	7.02	416.46
ED - 2	423.63				6/19/95	7.44	416.19
TD - 1	422.19				6/19/95	6.74	415.45
R - 1	422.22				6/19/95	19.89	402.33

APPENDIX 3

GROUNDWATER CONTOUR MAPS
NORTHEAST ENVIRONMENTAL SERVICES, INC.
SEMI-ANNUAL REPORT 1995

Groundwater Elevation Contour Map at Shallow Zone Elevation in Feet MSL Apr 18, 1995

SCALE:

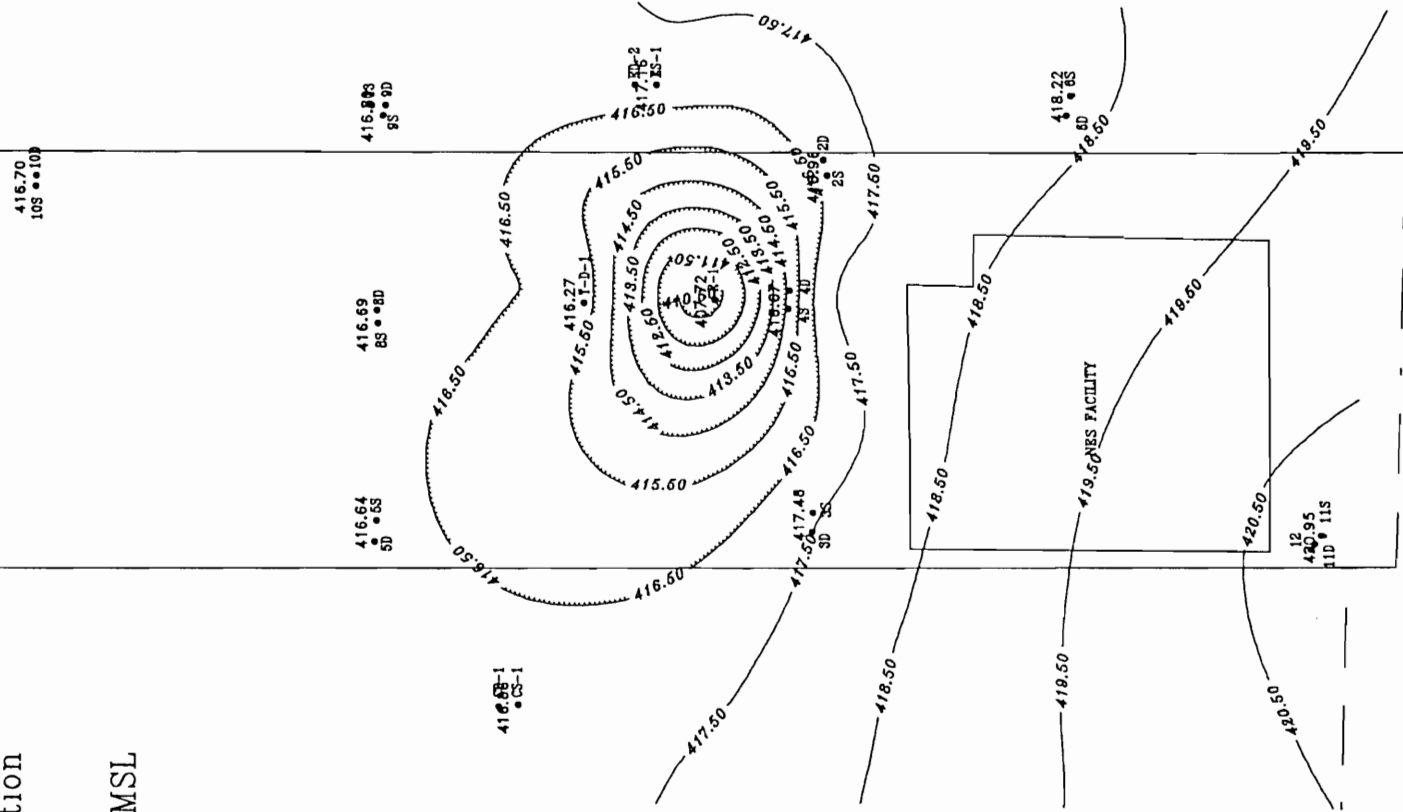


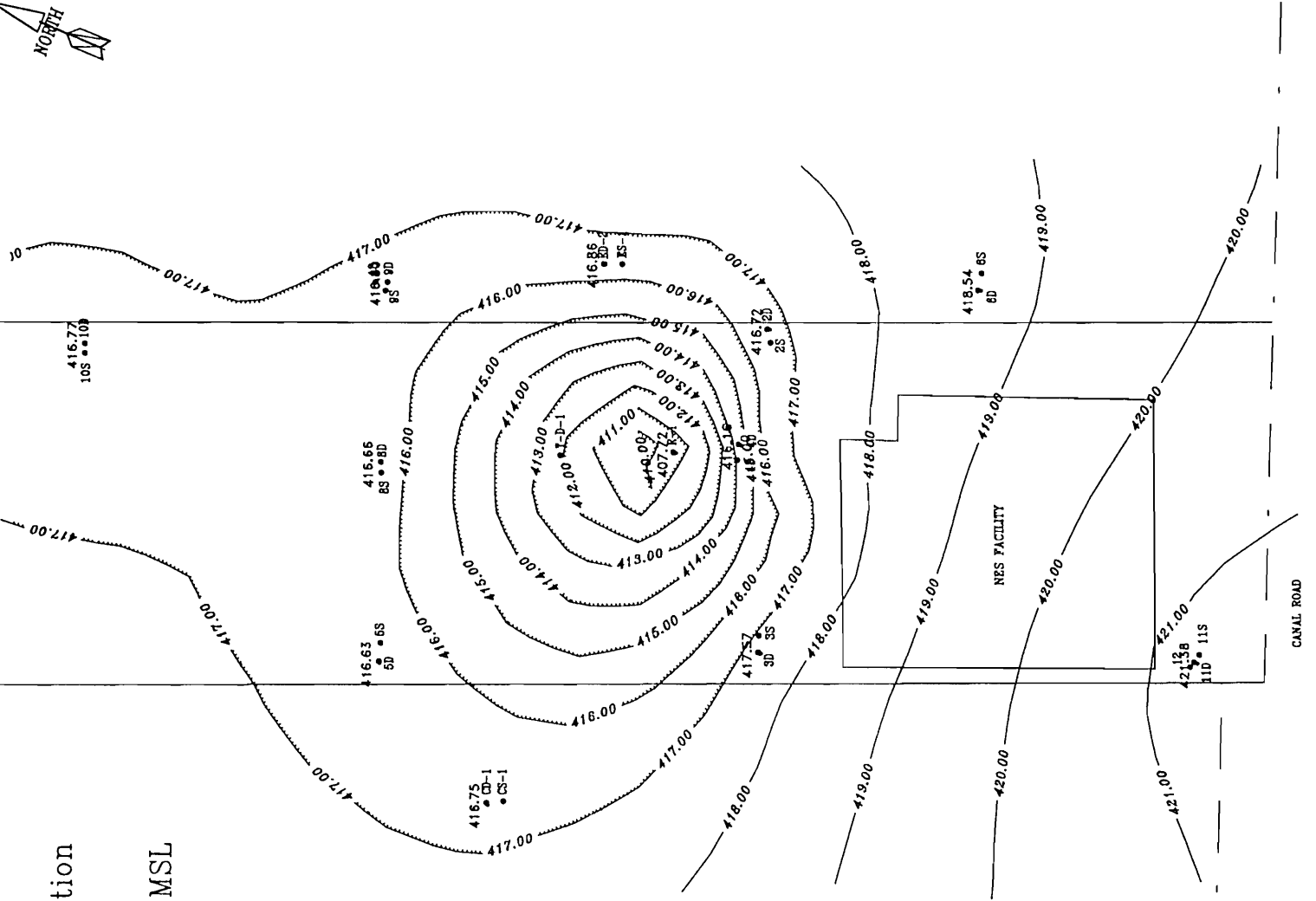
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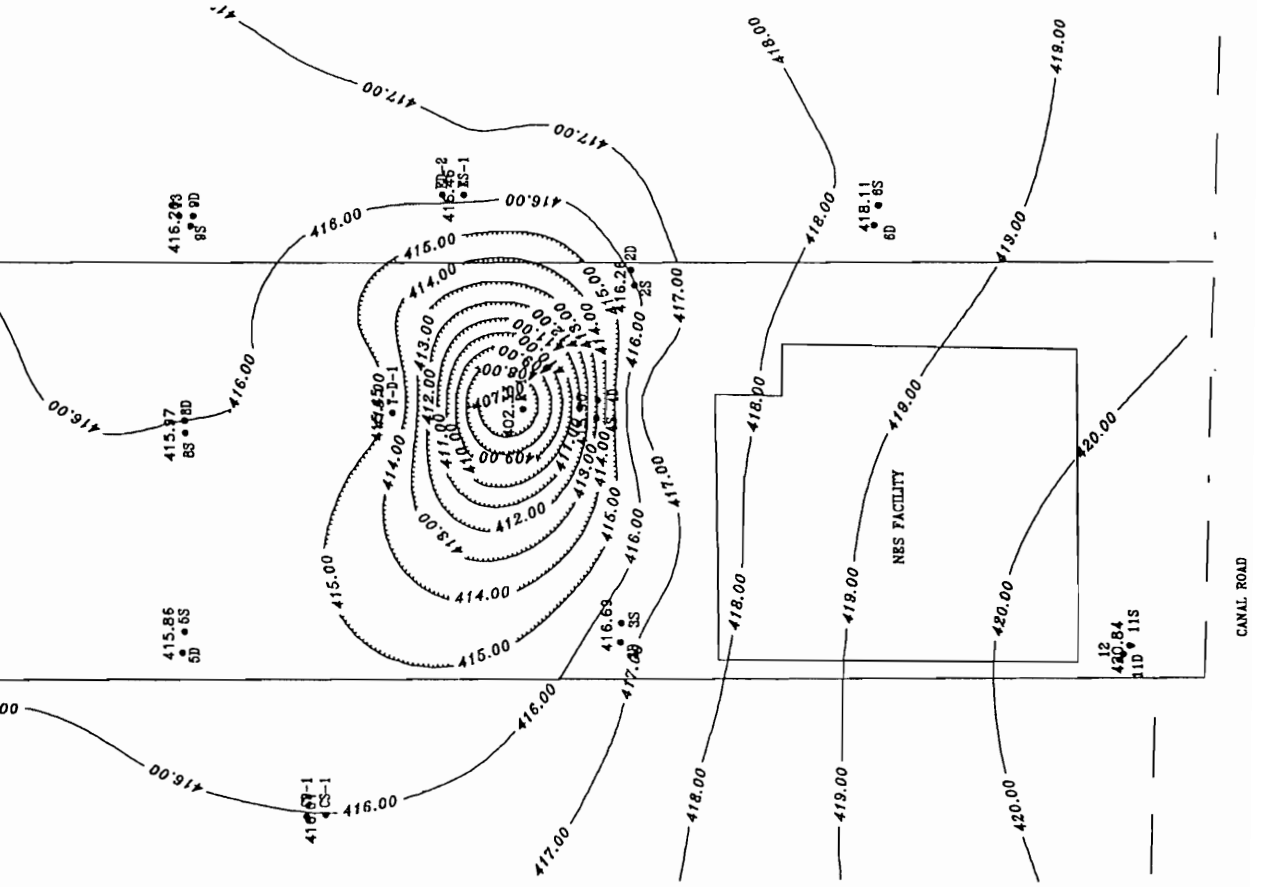


Groundwater Elevation Contour Map at Shallow Zone Elevation in Feet MSL May 30, 1995

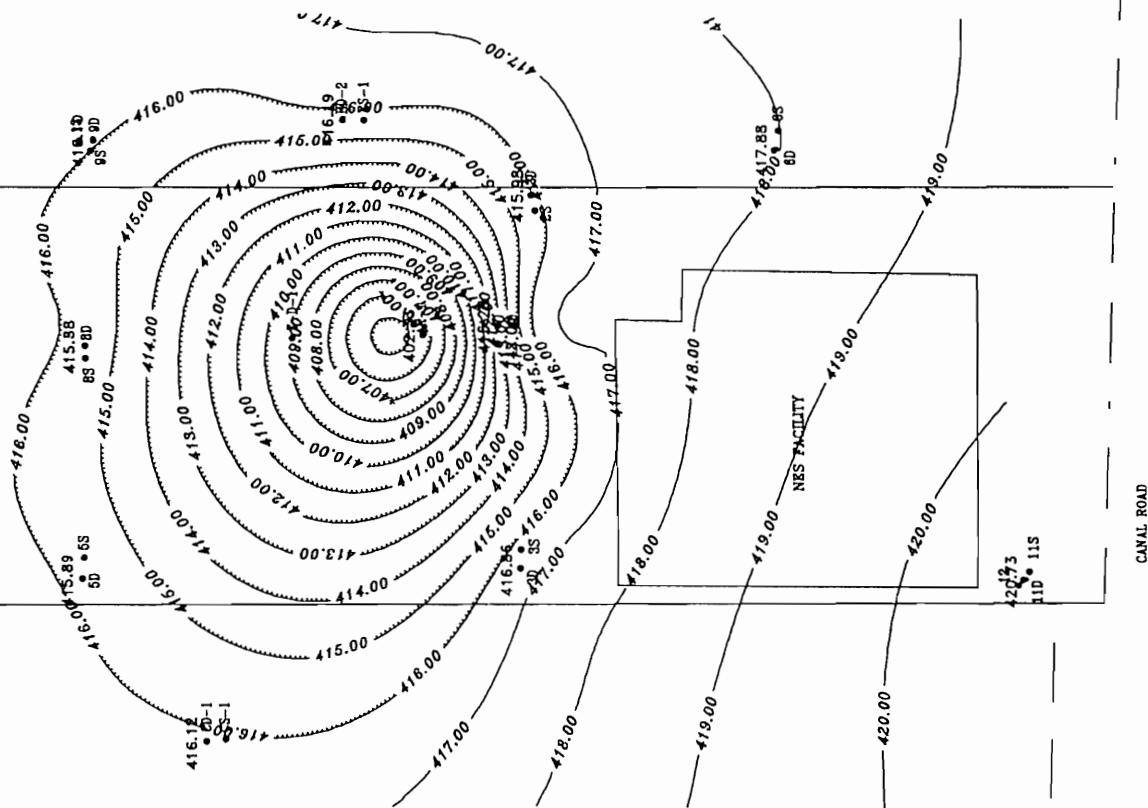
SCALE:
 0 100 FT.







0 100 FT.



APPENDIX 4

MONITORING WELL SAMPLING DATA SHEETS
NORTHEAST ENVIRONMENTAL SERVICES, INC.
SEMI-ANNUAL REPORT 1995

MONITORING WELL SAMPLING DATA SHEET
GROUNDWATER MONITORING SYSTEM
NORTHEAST ENVIRONMENTAL SERVICES, INC.

Sample # 1

Well # WP 105 Upgradient/ ☒ Downgradient

Total Well Depth (Installed) 17.00 Total Well Depth (Measured) 12.27

Depth to Groundwater (Measured) 5.55 Well Stick Up 2.2

WELL PURGING DATA

Time Purging (Began) 9:52 Minimum Purge Volume 7.00 Gal.

Time Purging (Ended) 9:18 Time Allowed for Recovery 5-8 minutes

Depth to Water at Conclusion of Purging/Time 13.31

Depth to Water after Recovery/Time 6.84

Total Volume of Water Removed During Purging 8.5 gals

FIELD OBSERVATIONS/MEASUREMENTS

pH 7.0, Temperature 15.8, Specific Conductance 1098

HnU Readings (Well Casing) ND (Work Space) ND

Color Pale Tan Translucent Layers None

Sheen None Free Product None

Turbidity Slight

SAMPLE INFORMATION

Sample Collected (Date/Time) 6/20/95, 9:26 Water Level 6.84

Sample Bottleware (Parameters Preservatives) 2 x 40 ml GLASS w/AS2O3

1 x 8 GLASS w/HNO3

Sampling Personnel R. JONES + K. McGHEE

Inspectors/Officials Present DAVE PUGH

Laboratory Used LSL

Samples Delivered (Date/Time) _____

COMMENTS

Weather Conditions Warm / clear

Blank Samples Collected —

Duplicate Samples Collected —

Duplicate Field Measurements —

Purging/Sampling Comments —

Personal Protective Equipment Used LEVEL D

Split Samples: Agency _____

Parameters _____

Containers _____

MONITORING WELL SAMPLING DATA SHEET
GROUNDWATER MONITORING SYSTEM
NORTHEAST ENVIRONMENTAL SERVICES, INC.

Sample # 2
Well # WP 10 D Upgradient/ ☒ Downgradient
Total Well Depth (Installed) 2950 Total Well Depth (Measured) 30,40
Depth to Groundwater (Measured) 4.6 Well Stick Up 1.7

WELL PURGING DATA

Time Purging (Began) 9:47 Minimum Purge Volume 13.16 Gal.
Time Purging (Ended) _____ Time Allowed for Recovery _____
Depth to Water at Conclusion of Purging/Time 4.59
Depth to Water after Recovery/Time 4.59
Total Volume of Water Removed During Purging 18 gal

FIELD OBSERVATIONS/MEASUREMENTS

pH 6.6, Temperature 13.4, Specific Conductance 1396
HnU Readings (Well Casing) ND (Work Space) NO
Color Clear Layers NO
Sheen None Free Product NO
Turbidity Clear

SAMPLE INFORMATION

Sample Collected (Date/Time) 6/20/95, 10:31 Water Level 4.59
Sample Bottleware (Parameters Preservatives) 2x 40ml GLASS w/ ASORBIC.
1x 1/2 GLASS w/ HNO₃

C	T	pH
1496	15.2	6.8-7.0
1425	13.4	6.9
1399	13.4	6.9
1396	14.0	6.6

Page 2

Sampling Personnel R. JONES + K. McGovern

Inspectors/Officials Present DAVE DUGAN

Laboratory Used LSL

Samples Delivered (Date/Time) _____

COMMENTS

Weather Conditions Warm / clear

Blank Samples Collected —

Duplicate Samples Collected —

Duplicate Field Measurements —

Purging/Sampling Comments —

Personal Protective Equipment Used LEVEL D

Split Samples: Agency _____

Parameters _____

Containers _____

MONITORING WELL SAMPLING DATA SHEET
GROUNDWATER MONITORING SYSTEM
NORTHEAST ENVIRONMENTAL SERVICES, INC.

Sample # 3
Well # WP 13 Upgradient/ ☒ Downgradient
Total Well Depth (Installed) 32.00 Total Well Depth (Measured) 32.13
Depth to Groundwater (Measured) 5.94 Well Stick Up 2.2

WELL PURGING DATA

Time Purging (Began) 10:54 Minimum Purge Volume 15.91 Gal.
Time Purging (Ended) 11:56 Time Allowed for Recovery 1:20
Depth to Water at Conclusion of Purging/Time 9.16
Depth to Water after Recovery/Time 6.12
Total Volume of Water Removed During Purging 20 gals

FIELD OBSERVATIONS/MEASUREMENTS

pH 7.15, Temperature 12.5, Specific Conductance 1105
HnU Readings (Well Casing) ND (Work Space) ND
Color None Layers ND
Sheen None Free Product ND
Turbidity ND

SAMPLE INFORMATION

Sample Collected (Date/Time) 6/20/95 1:13:16 Water Level 6.12
Sample Bottleware (Parameters Preservatives) 2 x 40ml glass w/Ascorbic
1 x Plastic w/HNO₃

<u>T °C</u>	<u>SC</u>	<u>Gal</u>	<u>pH</u>	<u>Time</u>
13.3	528	5	7.5	11:09
12.5	964	10	7.1	11:32
14.0	1083	15	7.1	11:42
12.5	1105	20	7.15	11:56

Sampling Personnel R. JONES + K. McGOVERN

Inspectors/Officials Present DAVE TUGAN

Laboratory Used LSL

Samples Delivered (Date/Time) _____

COMMENTS

Weather Conditions Warm/Clear

Blank Samples Collected —

Duplicate Samples Collected —

Duplicate Field Measurements —

Purging/Sampling Comments _____

Personal Protective Equipment Used LEVEL D

Split Samples: Agency _____

Parameters _____

Containers _____

MONITORING WELL SAMPLING DATA SHEET
GROUNDWATER MONITORING SYSTEM
NORTHEAST ENVIRONMENTAL SERVICES, INC.

Sample # 4
Well # WP 9D Upgradient/ ☒ Downgradient
Total Well Depth (Installed) 30.00 Total Well Depth (Measured) 32.34
Depth to Groundwater (Measured) 5.46 Well Stick Up 1.5

WELL PURGING DATA

Time Purging (Began) 1:36 Minimum Purge Volume 13.71 Gal.
Time Purging (Ended) 1:52 Time Allowed for Recovery 0
Depth to Water at Conclusion of Purging/Time 5.53
Depth to Water after Recovery/Time 5.53
Total Volume of Water Removed During Purging 15

FIELD OBSERVATIONS/MEASUREMENTS

pH 6.9, Temperature 13.5, Specific Conductance 1458
HnU Readings (Well Casing) ND (Work Space) ND
Color ND Layers ND
Sheen ND Free Product ND
Turbidity ND

SAMPLE INFORMATION

Sample Collected (Date/Time) 6/20/95 1:15:2 Water Level 5.53
Sample Bottleware (Parameters Preservatives) 2 x 40ml glass w/ASORBIC
1 x 40ml plastic w/HNO3

T	pH	C	GAL
13.7	7.1	1456	5
14.0	7.0	1455	10
13.5	6.9	1458	1345 hrs.

Sampling Personnel R. JONES + K. McGOVERN

Inspectors/Officials Present DAVE DUGAN

Laboratory Used LSL

Samples Delivered (Date/Time) _____

COMMENTS

Weather Conditions warm / clear

Blank Samples Collected —

Duplicate Samples Collected —

Duplicate Field Measurements —

Purging/Sampling Comments _____

Personal Protective Equipment Used LEVEL D

Split Samples: Agency _____

Parameters _____

Containers _____

MONITORING WELL SAMPLING DATA SHEET
GROUNDWATER MONITORING SYSTEM
NORTHEAST ENVIRONMENTAL SERVICES, INC.

Sample # 5

Well # WP 95 Upgradient/ ☒ Downgradient

Total Well Depth (Installed) 17.00 Total Well Depth (Measured) 18.09

Depth to Groundwater (Measured) 6.00 Well Stick Up 2.14

WELL PURGING DATA

Time Purging (Began) 2:40 PM Minimum Purge Volume 6.17 Gal.

Time Purging (Ended) 3:50 PM Time Allowed for Recovery 0

Depth to Water at Conclusion of Purging/Time 6.37

Depth to Water after Recovery/Time 6.37

Total Volume of Water Removed During Purging 7

FIELD OBSERVATIONS/MEASUREMENTS

pH 6.8, Temperature 14.9, Specific Conductance 1130

HnU Readings (Well Casing) ND (Work Space) ND

Color Reddish Brownish Layers ND

Sheen ND Free Product ND

Turbidity MILD

SAMPLE INFORMATION

Sample Collected (Date/Time) 6/20/95 12:50 PM Water Level 6.37

Sample Bottleware (Parameters Preservatives) 2 x 140ml GLASS w/ASORBIC

1 x 1/2 PLASTIC w/HNO₃

TIME	T	PH	C	GAL
14:40	15.0	6.9	1196	3
14:47	15.2	6.8	1132	4.6

Sampling Personnel R. JONES & K. McGOVERN

Inspectors/Officials Present DAVE TUGAN

Laboratory Used LSL

Samples Delivered (Date/Time) _____

COMMENTS

Weather Conditions Warm / Clear

Blank Samples Collected —

Duplicate Samples Collected —

Duplicate Field Measurements —

Purging/Sampling Comments _____

Personal Protective Equipment Used LEVEL D

Split Samples: Agency _____

Parameters _____

Containers _____

MONITORING WELL SAMPLING DATA SHEET
GROUNDWATER MONITORING SYSTEM
NORTHEAST ENVIRONMENTAL SERVICES, INC.

Sample # 6
Well # WP 85 Upgradient/ ☒ Downgradient
Total Well Depth (Installed) 17.00 Total Well Depth (Measured) 18.62
Depth to Groundwater (Measured) 6.42 Well Stick Up 2.4

WELL PURGING DATA

Time Purging (Began) 3:06 Minimum Purge Volume 4.84 Gal.
Time Purging (Ended) 3:15 Time Allowed for Recovery 3
Depth to Water at Conclusion of Purging/Time 6.50
Depth to Water after Recovery/Time 6.50
Total Volume of Water Removed During Purging 6

FIELD OBSERVATIONS/MEASUREMENTS

pH 6.7, Temperature 14.4, Specific Conductance 1020
HnU Readings (Well Casing) ND (Work Space) ND
Color PALE TRANSLUCENT BROWN Layers ND
Sheen ND Free Product ND
Turbidity PALE SLIGHT

SAMPLE INFORMATION

Sample Collected (Date/Time) 6/20/05 12:18 Water Level 6.50
Sample Bottleware (Parameters Preservatives) 2 x 40ml Glass w/Ascorbic
1 x Plastic w/HNO₃

Time	T	pH	C	GAL
15:09	15.1	6.9	994	2.5
15:11	14.5	6.8	1043	1.5

Sampling Personnel R. JONES + H. McGOVERN

Inspectors/Officials Present DAVE DUGAN

Laboratory Used LSL

Samples Delivered (Date/Time) _____

COMMENTS

Weather Conditions Warm Clear

Blank Samples Collected —

Duplicate Samples Collected —

Duplicate Field Measurements —

Purging/Sampling Comments —

Personal Protective Equipment Used LEVEL D

Split Samples: Agency _____

Parameters _____

Containers _____

MONITORING WELL SAMPLING DATA SHEET
GROUNDWATER MONITORING SYSTEM
NORTHEAST ENVIRONMENTAL SERVICES, INC.

Sample # 7
Well # WP8D Upgradient/ ☒ Downgradient
Total Well Depth (Installed) 30.00 Total Well Depth (Measured) 31.07
Depth to Groundwater (Measured) 5.41 Well Stick Up 1.5

WELL PURGING DATA

Time Purging (Began) 3:33 Minimum Purge Volume 13.09 Gal.
Time Purging (Ended) 3:47 Time Allowed for Recovery 0
Depth to Water at Conclusion of Purging/Time 5.41
Depth to Water after Recovery/Time 5.41
Total Volume of Water Removed During Purging 15

FIELD OBSERVATIONS/MEASUREMENTS

pH 6.9, Temperature 14.4, Specific Conductance 1273
HnU Readings (Well Casing) ND (Work Space) ND
Color ND Layers ND
Sheen ND Free Product ND
Turbidity ND

SAMPLE INFORMATION

Sample Collected (Date/Time) 6/20/95 13:47 Water Level 5.41
Sample Bottleware (Parameters Preservatives) 2 x 40ml GLASS w/ASORBIC
1 x 40ml GLASS w/HNO3

	<u>pH</u>	<u>C</u>	<u>Gal</u>	<u>Time</u>
<u>4</u>				
<u>15.4</u>	<u>7.0</u>	<u>1284</u>	<u>10</u>	<u>348</u>
<u>14.4</u>	<u>6.9</u>	<u>1273</u>	<u>15</u>	<u>349</u>

Sampling Personnel R. JONES & K. MCGONNAN

Inspectors/Officials Present DAVE DUGAN

Laboratory Used LSL

Samples Delivered (Date/Time) _____

COMMENTS

Weather Conditions Warm/Clear

Blank Samples Collected —

Duplicate Samples Collected —

Duplicate Field Measurements —

Purging/Sampling Comments —

Personal Protective Equipment Used Level D

Split Samples: Agency _____

Parameters _____

Containers _____

MONITORING WELL SAMPLING DATA SHEET
GROUNDWATER MONITORING SYSTEM
NORTHEAST ENVIRONMENTAL SERVICES, INC.

Sample # 8
Well # W055 Upgradient/ ☒ Downgradient
Total Well Depth (Installed) 15.00 Total Well Depth (Measured) 16.8
Depth to Groundwater (Measured) 6.51 Well Stick Up 2.2

WELL PURGING DATA

Time Purging (Began) 8:40 AM Minimum Purge Volume 5.25 Gal.
Time Purging (Ended) 8:57 AM Time Allowed for Recovery 19 min
Depth to Water at Conclusion of Purging/Time 9.31
Depth to Water after Recovery/Time 7.10
Total Volume of Water Removed During Purging 6

FIELD OBSERVATIONS/MEASUREMENTS

pH 6.9, Temperature 11.6, Specific Conductance 679
HnU Readings (Well Casing) ND (Work Space) ND
Color Pale Brown Layers ND
Sheen ND Free Product ND
Turbidity Mild

SAMPLE INFORMATION

Sample Collected (Date/Time) 6/21/95 1 9¹³ Water Level 7.10
Sample Bottleware (Parameters Preservatives) 2 x 40ml GLASS w/ASMBIC

1 x 40ml GLASS w/HNO₃

<u>pH</u>	<u>T</u>	<u>C</u>	<u>Time</u>	<u>GAL</u>
<u>7.1</u>	<u>12.2</u>	<u>671</u>	<u>8:41</u>	<u>2</u>
<u>6.8</u>	<u>11.2</u>	<u>673</u>	<u>8:47</u>	<u>4</u>
<u>6.9</u>	<u>11.6</u>	<u>679</u>	<u>8:54</u>	<u>6</u>

Sampling Personnel R. JONES + K. McGOWAN

Inspectors/Officials Present DAVE PUGAN

Laboratory Used LSL

Samples Delivered (Date/Time) _____

COMMENTS

Weather Conditions WARM/CLEAR

Blank Samples Collected —

Duplicate Samples Collected —

Duplicate Field Measurements —

Purging/Sampling Comments —

Personal Protective Equipment Used LEVEL D

Split Samples: Agency _____

Parameters _____

Containers _____

MONITORING WELL SAMPLING DATA SHEET
GROUNDWATER MONITORING SYSTEM
NORTHEAST ENVIRONMENTAL SERVICES, INC.

Sample # 9
Well # WP5P Upgradient/ ☒ Downgradient
Total Well Depth (Installed) 29.00 Total Well Depth (Measured) 30.42
Depth to Groundwater (Measured) 5.75 Well Stick Up 1.9

WELL PURGING DATA

Time Purging (Began) 9:00AM Minimum Purge Volume 12.58 Gal.
Time Purging (Ended) 9:22 Time Allowed for Recovery 3 min
Depth to Water at Conclusion of Purging/Time 5.66
Depth to Water after Recovery/Time 5.66
Total Volume of Water Removed During Purging 15 gal

FIELD OBSERVATIONS/MEASUREMENTS

pH 6.8, Temperature 11.4, Specific Conductance 846
HnU Readings (Well Casing) ND (Work Space) ND
Color ND Layers _____
Sheen ND Free Product _____
Turbidity ND

SAMPLE INFORMATION

Sample Collected (Date/Time) 6/21/95, 9:25 Water Level 0
Sample Bottleware (Parameters Preservatives) 2 x 40ml GLASS w/ ASCORBIC
1 x 8 PLASTIC w/ HNO3

T	C	pH	Time	Gal/s
11.4	812	6.9	9:10	5
11.4	840	6.8	9:18	12
11.4	846	6.8	9:25	15

Sampling Personnel AL. JONES & K. McGARRAN

Inspectors/Officials Present DAVE PUGAN

Laboratory Used LSL

Samples Delivered (Date/Time) _____

COMMENTS

Weather Conditions Warm / clear

Blank Samples Collected —

Duplicate Samples Collected —

Duplicate Field Measurements —

Purging/Sampling Comments —

Personal Protective Equipment Used LEVEL D

Split Samples: Agency _____

Parameters _____

Containers _____

MONITORING WELL SAMPLING DATA SHEET
GROUNDWATER MONITORING SYSTEM
NORTHEAST ENVIRONMENTAL SERVICES, INC.

Sample # 10
Well # WP CD-2 Upgradient/ ☒ Downgradient
Total Well Depth (Installed) 28.00 Total Well Depth (Measured) 26.40
Depth to Groundwater (Measured) 5.44 Well Stick Up 2.0

WELL PURGING DATA

Time Purging (Began) 9:31 Minimum Purge Volume 10.69 Gal.
Time Purging (Ended) 9:57 Time Allowed for Recovery 0
Depth to Water at Conclusion of Purging/Time 5.79
Depth to Water after Recovery/Time 5.79
Total Volume of Water Removed During Purging 11

FIELD OBSERVATIONS/MEASUREMENTS

pH 6.8, Temperature 11.8, Specific Conductance 948
HNU Readings (Well Casing) ND (Work Space) ND
Color Dark Brown Layers ND
Sheen ND Free Product ND
Turbidity High

SAMPLE INFORMATION

Sample Collected (Date/Time) 6/21/95 1 9:57 Water Level 5.79
Sample Bottleware (Parameters Preservatives) 2x 40ml GLASS w/ Ascorbic
1x 40ml GLASS w/ HNO₃

C	pH	T	TIME	GAL
778	7.4	12.2	9:42	4
968	6.9	12.1	0949	8
948	6.8	11.8		

Sampling Personnel R. Jones + K. McGowan

Inspectors/Officials Present DAVE DUGAN

Laboratory Used LSL

Samples Delivered (Date/Time) _____

COMMENTS

Weather Conditions warm / clear

Blank Samples Collected —

Duplicate Samples Collected —

Duplicate Field Measurements —

Purging/Sampling Comments —

Personal Protective Equipment Used LEVEL D

Split Samples: Agency _____

Parameters _____

Containers _____

MONITORING WELL SAMPLING DATA SHEET
GROUNDWATER MONITORING SYSTEM
NORTHEAST ENVIRONMENTAL SERVICES, INC.

Sample # 11
Well # WP 3D Upgradient/ X Downgradient
Total Well Depth (Installed) 27.70 Total Well Depth (Measured) 28.98
Depth to Groundwater (Measured) 6.61 Well Stick Up 1.70

WELL PURGING DATA

Time Purging (Began) 1010 Minimum Purge Volume 11.41 Gal.
Time Purging (Ended) 1035 Time Allowed for Recovery 0
Depth to Water at Conclusion of Purging/Time 6.81
Depth to Water after Recovery/Time 6.81
Total Volume of Water Removed During Purging 12.4

FIELD OBSERVATIONS/MEASUREMENTS

pH 6.3, Temperature 11.8, Specific Conductance 1072
HnU Readings (Well Casing) ND (Work Space) 10
Color PALE BROWN Layers ND
Sheen ND Free Product ND
Turbidity SLIGHT

SAMPLE INFORMATION

Sample Collected (Date/Time) 6/15, 1035 Water Level 6.86
Sample Bottleware (Parameters Preservatives) 2x 40ml Guss w/NO₂ S₂O₃
1x Plastic w/HNO₃

Time	pH	T	C	GAL
1015	6.5	12.0	1085	4
1025	6.5	12.8	1073	8
1035	6.3	11.8	1062	12

Sampling Personnel AL JONES + KEVIN MCGHEARN

Inspectors/Officials Present Dave PUGAN

Laboratory Used LSL

Samples Delivered (Date/Time) _____

COMMENTS

Weather Conditions Warm/Clear

Blank Samples Collected

Duplicate Samples Collected 1 - DUPLICATE

Duplicate Field Measurements

Purging/Sampling Comments

Personal Protective Equipment Used LEVEL D

Split Samples: Agency

Parameters

Containers

MONITORING WELL SAMPLING DATA SHEET
GROUNDWATER MONITORING SYSTEM
NORTHEAST ENVIRONMENTAL SERVICES, INC.

Sample # 12
Well # WP 4D Upgradient/ ☒ Downgradient
Total Well Depth (Installed) 2800 Total Well Depth (Measured) 28.95
Depth to Groundwater (Measured) 7.34 Well Stick Up 1.9

WELL PURGING DATA

Time Purging (Began) 10:35 Minimum Purge Volume 11.02 Gal.
Time Purging (Ended) 11:02 Time Allowed for Recovery 5
Depth to Water at Conclusion of Purging/Time 7.45
Depth to Water after Recovery/Time 7.45
Total Volume of Water Removed During Purging 15

FIELD OBSERVATIONS/MEASUREMENTS

pH 6.6, Temperature 11.6, Specific Conductance 1177
HnU Readings (Well Casing) ND (Work Space) ND
Color Clean w/ some particulates Layers ND
Sheen ND Free Product ND
Turbidity ND

SAMPLE INFORMATION

Sample Collected (Date/Time) 6/21/05, 11:00 Water Level 7.45
Sample Bottleware (Parameters Preservatives) 2 X 100ml Glass w/ Ascorbic

1 X 1/2 Plastic w/ HNO₃

Time	pH	T	C	Gal
10:48	6.6	11.5	11.85	7
10:54	6.6	11.1	11.60	
10:59	6.6	11.6	11.37	

Sampling Personnel R. JONES + K. McGINN

Inspectors/Officials Present DAVE DUGAN

Laboratory Used LSL

Samples Delivered (Date/Time) _____

COMMENTS

Weather Conditions Warm / clear

Blank Samples Collected —

Duplicate Samples Collected —

Duplicate Field Measurements —

Purging/Sampling Comments —

Personal Protective Equipment Used Level D

Split Samples: Agency _____

Parameters _____

Containers _____

MONITORING WELL SAMPLING DATA SHEET
GROUNDWATER MONITORING SYSTEM
NORTHEAST ENVIRONMENTAL SERVICES, INC.

Sample # 13

Well # WP 20

Upgradient/ X Downgradient

Total Well Depth (Installed) 25 Total Well Depth (Measured) 26.88

Depth to Groundwater (Measured) 6.94 Well Stick Up 1.6

WELL PURGING DATA

Time Purging (Began) 13:07 Minimum Purge Volume 10.17 Gal.

Time Purging (Ended) 13:28 Time Allowed for Recovery 20

Depth to Water at Conclusion of Purging/Time 7.01

Depth to Water after Recovery/Time 7.01

Total Volume of Water Removed During Purging 12

FIELD OBSERVATIONS/MEASUREMENTS

pH 6.5, Temperature 11.6, Specific Conductance 803

HnU Readings (Well Casing) ND (Work Space) ND

Color ND Layers ND

Sheen ND Free Product ND

Turbidity ND

SAMPLE INFORMATION

Sample Collected (Date/Time) 6/21/95 13:32 Water Level 7.01

Sample Bottleware (Parameters Preservatives) 2 x 40ml GLASS w/ Hg, S₂O₃
1 x PLASTIC w/ HNO₃

<u>Time</u>	<u>T</u>	<u>C</u>	<u>pH</u>	<u>Gal</u>
<u>13:16</u>	<u>12.4</u>	<u>802</u>	<u>6.5</u>	<u>4</u>
<u>13:22</u>	<u>11.9</u>	<u>789</u>	<u>6.5</u>	<u>8</u>
<u>13:28</u>	<u>11.6</u>	<u>803</u>	<u>6.5</u>	<u>12</u>

Sampling Personnel R. JONES & L. McGovern

Inspectors/Officials Present DAVE DUGAN

Laboratory Used LSL

Samples Delivered (Date/Time) _____

COMMENTS

Weather Conditions sun Warm/clear

Blank Samples Collected —

Duplicate Samples Collected —

Duplicate Field Measurements —

Purging/Sampling Comments —

Personal Protective Equipment Used LEVEL D

Split Samples: Agency _____

Parameters _____

Containers _____

MONITORING WELL SAMPLING DATA SHEET
GROUNDWATER MONITORING SYSTEM
NORTHEAST ENVIRONMENTAL SERVICES, INC.

Sample # 14
Well # WP ED-2 Upgradient/ ☒ Downgradient
Total Well Depth (Installed) 26.00 Total Well Depth (Measured) 28.14
Depth to Groundwater (Measured) 2.44 Well Stick Up 3.3

WELL PURGING DATA

Time Purging (Began) 13:39 Minimum Purge Volume 10.56 Gal.
Time Purging (Ended) 14:04 Time Allowed for Recovery 0
Depth to Water at Conclusion of Purging/Time 2.44
Depth to Water after Recovery/Time 2.44
Total Volume of Water Removed During Purging 12

FIELD OBSERVATIONS/MEASUREMENTS

pH 6.6, Temperature 13.0, Specific Conductance 760
HNU Readings (Well Casing) ND (Work Space) ND
Color DARK GREY Layers ND
Sheen ND Free Product ND
Turbidity HIGH

SAMPLE INFORMATION

Sample Collected (Date/Time) 6/20/95, 14:05 Water Level 7.16
Sample Bottleware (Parameters Preservatives) 2 x 40ml GLASS w/ASORBIC
1 x PLASTIC w/HNO3

<u>Time</u>	<u>T °C</u>	<u>pH</u>	<u>C</u>	<u>gals</u>
<u>1347</u>	<u>13.6</u>	<u>6.7</u>	<u>746</u>	<u>4</u>
<u>1354</u>	<u>12.9</u>	<u>6.7</u>	<u>759</u>	<u>8</u>
<u>14102</u>	<u>13.0</u>	<u>6.6</u>	<u>760</u>	<u>12</u>

Page 2

Sampling Personnel R. Jones + K. McGovern

Inspectors/Officials Present DAVE PUGAN

Laboratory Used LSL

Samples Delivered (Date/Time) _____

COMMENTS

Weather Conditions Warm / Clear

Blank Samples Collected —

Duplicate Samples Collected —

Duplicate Field Measurements —

Purging/Sampling Comments —

Personal Protective Equipment Used Level D

Split Samples: Agency _____

Parameters _____

Containers _____

MONITORING WELL SAMPLING DATA SHEET
GROUNDWATER MONITORING SYSTEM
NORTHEAST ENVIRONMENTAL SERVICES, INC.

Sample # 15
Well # WP 65 Upgradient/ ☒ Downgradient
Total Well Depth (Installed) 15.00 Total Well Depth (Measured) 15.30
Depth to Groundwater (Measured) 5.81 Well Stick Up 1.6

WELL PURGING DATA

Time Purging (Began) 1416 Minimum Purge Volume 4.84 Gal.
Time Purging (Ended) 1427 Time Allowed for Recovery 1.5 HRS
Depth to Water at Conclusion of Purging/Time 10.20
Depth to Water after Recovery/Time 6.03
Total Volume of Water Removed During Purging 6

FIELD OBSERVATIONS/MEASUREMENTS

pH 6.7, Temperature 15.3, Specific Conductance 869
HnU Readings (Well Casing) ND (Work Space) ND
Color LIGHT BROWN Layers ND
Sheen ND Free Product ND
Turbidity MODERATE

SAMPLE INFORMATION

Sample Collected (Date/Time) 6/21/95 15:49 Water Level 6.03
Sample Bottleware (Parameters Preservatives) 2 x 40ml GLASS w/ASORBIC
1 x 40ml PLASTIC w/HNO₃

Time	T °C	pH	C	gal.
1419	16.7	6.8	880	2
1421	15.8	6.7	857	4
1426	15.3	6.7	869	6

Sampling Personnel R. JONES & K. McGHEE

Inspectors/Officials Present DAVE DUGAN

Laboratory Used LSL

Samples Delivered (Date/Time) _____

COMMENTS

Weather Conditions WARM/CLEAR

Blank Samples Collected —

Duplicate Samples Collected —

Duplicate Field Measurements —

Purging/Sampling Comments —

Personal Protective Equipment Used LEVEL D

Split Samples: Agency _____

Parameters _____

Containers _____

APPENDIX 5

JUNE 1995 RESULTS
NORTHEAST ENVIRONMENTAL SERVICES, INC.
SEMI-ANNUAL REPORT 1995



JUL 17 1995

SAMPLE ANALYSIS REPORT

L1840-114

LSL Project No.

John H. Houser QSO

Reviewed By

7/12/95

Date

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5854 Butternut Drive, East Syracuse, New York 13057 Telephone: (315) 445-1105 Fax: (315) 445-1301

Life Science Laboratories, Inc
5854 Butternut Drive
East Syracuse, New York 13057
(315) 445-1105
NYS DOH ELAP NO. 10248

Page # 1

** SAMPLE ANALYSIS REPORT **

07/11/95

Northeast Environmental Services Contacts: Richard Jones
Marguerite Drive West
RR #3, Box 8B Phone: (315) 697-3979
Canastota, NY 13032

Sample # 50616410 Project #: L1840 -114
Customer ID: Sample 1 - 06/20/95
Matrix: NPW, Int. COC Authorization: NES Canal Rd.

Test Name	Results	Units	Comment	Completed	Initials
Arsenic, EPA 206.2	<0.01	mg/l		07/05/95	CRW
Barium, EPA 208.1	0.25	mg/l		06/23/95	KBB
Chromium, Total, EPA 218.1	<0.01	mg/l		07/05/95	KBB
Lead, EPA 239.2	<0.01	mg/l		07/11/95	CRW
Mercury, EPA 245.1	<0.0002	mg/l		06/26/95	KBB
Nickel, EPA 249.1	<0.02	mg/l		07/10/95	KBB
Metals Digestion, EPA 600/4-79	Batch	1487		06/22/95	KEK
EPA 8021 Volatiles					
Benzene	<1	ug/l		06/22/95	KMG
Bromobenzene	<1	ug/l		06/22/95	KMG
Bromochloromethane	<1	ug/l		06/22/95	KMG
Bromodichloromethane	<1	ug/l		06/22/95	KMG
Bromoform	<1	ug/l		06/22/95	KMG
Bromomethane	<1	ug/l		06/22/95	KMG
n-Butylbenzene	<1	ug/l		06/22/95	KMG
sec-Butylbenzene	<1	ug/l		06/22/95	KMG
tert-Butylbenzene	<1	ug/l		06/22/95	KMG
Carbon tetrachloride	<1	ug/l		06/22/95	KMG
Chlorobenzene	<1	ug/l		06/22/95	KMG
Chloroethane	<1	ug/l		06/22/95	KMG
Chloroform	<1	ug/l		06/22/95	KMG
Chloromethane	<1	ug/l		06/22/95	KMG
2-Chlorotoluene	<1	ug/l		06/22/95	KMG
4-Chlorotoluene	<1	ug/l		06/22/95	KMG
Dibromochloromethane	<1	ug/l		06/22/95	KMG
1,2-Dibromo-3-chloropropane (DBCP)	<1	ug/l		06/22/95	KMG
1,2-Dibromoethane (EDB)	<1	ug/l		06/22/95	KMG
Dibromomethane	<1	ug/l		06/22/95	KMG
1,2-Dichlorobenzene	<1	ug/l		06/22/95	KMG
1,3-Dichlorobenzene	<1	ug/l		06/22/95	KMG
1,4-Dichlorobenzene	<1	ug/l		06/22/95	KMG
Dichlorodifluoromethane	<1	ug/l		06/22/95	KMG
1,1-Dichloroethane	<1	ug/l		06/22/95	KMG

** SAMPLE ANALYSIS REPORT **

07/11/95

Northeast Environmental Services Contacts: Richard Jones
Marguerite Drive West
RR #3, Box 8B Phone: (315) 697-3979
Canastota, NY 13032

Sample # 50616410 Project #: L1840 -114
Customer ID: Sample 1 - 06/20/95
Matrix: NPW, Int. COC Authorization: NES Canal Rd.

Test Name	Results	Units	Comment	Completed	Initials
1,2-Dichloroethane	<1	ug/l		06/22/95	KMG
1,1-Dichloroethene	<1	ug/l		06/22/95	KMG
cis-1,2-Dichloroethene	<1	ug/l		06/22/95	KMG
trans-1,2-Dichloroethene	<1	ug/l		06/22/95	KMG
1,2-Dichloropropane	<1	ug/l		06/22/95	KMG
1,3-Dichloropropane	<1	ug/l		06/22/95	KMG
2,2-Dichloropropane	<1	ug/l		06/22/95	KMG
1,1-Dichloropropene	<1	ug/l		06/22/95	KMG
Ethylbenzene	<1	ug/l		06/22/95	KMG
Isopropylbenzene (Cumene)	<1	ug/l		06/22/95	KMG
4-Isopropyltoluene (Cymene)	<1	ug/l		06/22/95	KMG
Hexachlorobutadiene	<1	ug/l		06/22/95	KMG
Methylene chloride	<1	ug/l	a	06/22/95	KMG
Naphthalene	<1	ug/l		06/22/95	KMG
n-Propylbenzene	<1	ug/l		06/22/95	KMG
Styrene	<1	ug/l		06/22/95	KMG
1,1,1,2-Tetrachloroethane	<1	ug/l		06/22/95	KMG
1,1,2,2-Tetrachloroethane	<1	ug/l		06/22/95	KMG
Tetrachloroethene	<1	ug/l		06/22/95	KMG
Toluene	<1	ug/l		06/22/95	KMG
1,2,3-Trichlorobenzene	<1	ug/l		06/22/95	KMG
1,2,4-Trichlorobenzene	<1	ug/l		06/22/95	KMG
1,1,1,-Trichloroethane	<1	ug/l		06/22/95	KMG
1,1,2-Trichloroethane	<1	ug/l		06/22/95	KMG
Trichloroethene	<1	ug/l		06/22/95	KMG
Trichlorofluoromethane	<1	ug/l		06/22/95	KMG
1,2,3-Trichloropropane	<1	ug/l		06/22/95	KMG
1,2,4-Trimethylbenzene	<1	ug/l		06/22/95	KMG
1,3,5-Trimethylbenzene	<1	ug/l		06/22/95	KMG
Vinyl chloride	<1	ug/l		06/22/95	KMG
o-Xylene	<1	ug/l		06/22/95	KMG
m-Xylene	<1	ug/l		06/22/95	KMG
p-Xylene	<1	ug/l		06/22/95	KMG

a- This result has been blank corrected.

** SAMPLE ANALYSIS REPORT **

07/11/95

Northeast Environmental Services Contacts: Richard Jones
Marguerite Drive West
RR #3, Box 8B Phone: (315) 697-3979
Canastota, NY 13032

Sample # 50616411 Project #: L1840 -114
Customer ID: Sample 2 - 06/20/95
Matrix: NPW, Int. COC Authorization: NES Canal Rd.

Test Name	Results	Units	Comment	Completed	Initials
Arsenic, EPA 206.2	<0.01	mg/l		07/05/95	CRW
Barium, EPA 208.1	0.37	mg/l		06/23/95	KBB
Chromium, Total, EPA 218.1	<0.01	mg/l		07/05/95	KBB
Lead, EPA 239.2	<0.01	mg/l		07/11/95	CRW
Mercury, EPA 245.1	<0.0002	mg/l		06/26/95	KBB
Nickel, EPA 249.1	<0.02	mg/l		07/10/95	KBB
Metals Digestion, EPA 600/4-79	Batch	1487		06/22/95	KEK
EPA 8021 Volatiles					
Benzene	<1	ug/l		06/22/95	KMG
Bromobenzene	<1	ug/l		06/22/95	KMG
Bromochloromethane	<1	ug/l		06/22/95	KMG
Bromodichloromethane	<1	ug/l		06/22/95	KMG
Bromoform	<1	ug/l		06/22/95	KMG
Bromomethane	<1	ug/l		06/22/95	KMG
n-Butylbenzene	<1	ug/l		06/22/95	KMG
sec-Butylbenzene	<1	ug/l		06/22/95	KMG
tert-Butylbenzene	<1	ug/l		06/22/95	KMG
Carbon tetrachloride	<1	ug/l		06/22/95	KMG
Chlorobenzene	<1	ug/l		06/22/95	KMG
Chloroethane	<1	ug/l		06/22/95	KMG
Chloroform	<1	ug/l		06/22/95	KMG
Chloromethane	<1	ug/l		06/22/95	KMG
2-Chlorotoluene	<1	ug/l		06/22/95	KMG
4-Chlorotoluene	<1	ug/l		06/22/95	KMG
Dibromochloromethane	<1	ug/l		06/22/95	KMG
1,2-Dibromo-3-chloropropane (DBCP)	<1	ug/l		06/22/95	KMG
1,2-Dibromoethane (EDB)	<1	ug/l		06/22/95	KMG
Dibromomethane	<1	ug/l		06/22/95	KMG
1,2-Dichlorobenzene	<1	ug/l		06/22/95	KMG
1,3-Dichlorobenzene	<1	ug/l		06/22/95	KMG
1,4-Dichlorobenzene	<1	ug/l		06/22/95	KMG
Dichlorodifluoromethane	<1	ug/l		06/22/95	KMG
1,1-Dichloroethane	<1	ug/l		06/22/95	KMG
1,2-Dichloroethane	<1	ug/l		06/22/95	KMG
1,1-Dichloroethene	<1	ug/l		06/22/95	KMG

** SAMPLE ANALYSIS REPORT **

07/11/95

Northeast Environmental Services Contacts: Richard Jones
Marguerite Drive West
RR #3, Box 8B Phone: (315) 697-3979
Canastota, NY 13032

Sample # 50616411 Project #: L1840 -114
Customer ID: Sample 2 - 06/20/95
Matrix: NPW, Int. COC Authorization: NES Canal Rd.

Test Name	Results	Units	Comment	Completed	Initials
cis-1,2-Dichloroethene	<1	ug/l		06/22/95	KMG
trans-1,2-Dichloroethene	<1	ug/l		06/22/95	KMG
1,2-Dichloropropane	<1	ug/l		06/22/95	KMG
1,3-Dichloropropane	<1	ug/l		06/22/95	KMG
2,2-Dichloropropane	<1	ug/l		06/22/95	KMG
1,1-Dichloropropene	<1	ug/l		06/22/95	KMG
Ethylbenzene	<1	ug/l		06/22/95	KMG
Isopropylbenzene (Cumene)	<1	ug/l		06/22/95	KMG
4-Isopropyltoluene (Cymene)	<1	ug/l		06/22/95	KMG
Hexachlorobutadiene	<1	ug/l		06/22/95	KMG
Methylene chloride	<1	ug/l		06/22/95	KMG
Naphthalene	<1	ug/l	a	06/22/95	KMG
n-Propylbenzene	<1	ug/l		06/22/95	KMG
Styrene	<1	ug/l		06/22/95	KMG
1,1,1,2-Tetrachloroethane	<1	ug/l		06/22/95	KMG
1,1,2,2-Tetrachloroethane	<1	ug/l		06/22/95	KMG
Tetrachloroethene	<1	ug/l		06/22/95	KMG
Toluene	<1	ug/l		06/22/95	KMG
1,2,3-Trichlorobenzene	<1	ug/l		06/22/95	KMG
1,2,4-Trichlorobenzene	<1	ug/l		06/22/95	KMG
1,1,1,-Trichloroethane	<1	ug/l		06/22/95	KMG
1,1,2-Trichloroethane	<1	ug/l		06/22/95	KMG
Trichloroethene	<1	ug/l		06/22/95	KMG
Trichlorofluoromethane	<1	ug/l		06/22/95	KMG
1,2,3-Trichloropropane	<1	ug/l		06/22/95	KMG
1,2,4-Trimethylbenzene	<1	ug/l		06/22/95	KMG
1,3,5-Trimethylbenzene	<1	ug/l		06/22/95	KMG
Vinyl chloride	<1	ug/l		06/22/95	KMG
o-Xylene	<1	ug/l		06/22/95	KMG
m-Xylene	<1	ug/l		06/22/95	KMG
p-Xylene	<1	ug/l		06/22/95	KMG

a- This result has been blank corrected.

** SAMPLE ANALYSIS REPORT **

07/11/95

Northeast Environmental Services Contacts: Richard Jones
Marguerite Drive West
RR #3, Box 8B Phone: (315) 697-3979
Canastota, NY 13032

Sample # 50616412 Project #: L1840 -114
Customer ID: Sample 3 - 06/20/95
Matrix: NPW, Int. COC Authorization: NES Canal Rd.

Test Name	Results	Units	Comment	Completed	Initials
Arsenic, EPA 206.2	<0.01	mg/l		07/05/95	CRW
Barium, EPA 208.1	<0.2	mg/l		06/23/95	KBB
Chromium, Total, EPA 218.1	<0.01	mg/l		07/05/95	KBB
Lead, EPA 239.2	<0.01	mg/l		07/11/95	CRW
Mercury, EPA 245.1	<0.0002	mg/l		06/26/95	KBB
Nickel, EPA 249.1	<0.02	mg/l		07/10/95	KBB
Metals Digestion, EPA 600/4-79	Batch	1487		06/22/95	KEK
EPA 8021 Volatiles					
Benzene	<1	ug/l		06/22/95	KMG
Bromobenzene	<1	ug/l		06/22/95	KMG
Bromochloromethane	<1	ug/l		06/22/95	KMG
Bromodichloromethane	<1	ug/l		06/22/95	KMG
Bromoform	<1	ug/l		06/22/95	KMG
Bromomethane	<1	ug/l		06/22/95	KMG
n-Butylbenzene	<1	ug/l		06/22/95	KMG
sec-Butylbenzene	<1	ug/l		06/22/95	KMG
tert-Butylbenzene	<1	ug/l		06/22/95	KMG
Carbon tetrachloride	<1	ug/l		06/22/95	KMG
Chlorobenzene	<1	ug/l		06/22/95	KMG
Chloroethane	<1	ug/l		06/22/95	KMG
Chloroform	<1	ug/l		06/22/95	KMG
Chloromethane	<1	ug/l		06/22/95	KMG
m-Chlorotoluene	<1	ug/l		06/22/95	KMG
p-Chlorotoluene	<1	ug/l		06/22/95	KMG
Dibromochloromethane	<1	ug/l		06/22/95	KMG
1,2-Dibromo-3-chloropropane (DBCP)	<1	ug/l		06/22/95	KMG
1,2-Dibromoethane (EDB)	<1	ug/l		06/22/95	KMG
Dibromomethane	<1	ug/l		06/22/95	KMG
1,2-Dichlorobenzene	<1	ug/l		06/22/95	KMG
1,3-Dichlorobenzene	<1	ug/l		06/22/95	KMG
1,4-Dichlorobenzene	<1	ug/l		06/22/95	KMG
Dichlorodifluoromethane	<1	ug/l		06/22/95	KMG
1,1-Dichloroethane	<1	ug/l		06/22/95	KMG
1,2-Dichloroethane	<1	ug/l		06/22/95	KMG

** SAMPLE ANALYSIS REPORT **

07/11/95

Northeast Environmental Services Contacts: Richard Jones
Marguerite Drive West
RR #3, Box 8B Phone: (315) 697-3979
Canastota, NY 13032

Sample # 50616412 Project #: L1840 -114
Customer ID: Sample 3 - 06/20/95
Matrix: NPW, Int. COC Authorization: NES Canal Rd.

Test Name	Results	Units	Comment	Completed	Initials
1,1-Dichloroethene	<1	ug/l		06/22/95	KMG
cis-1,2-Dichloroethene	<1	ug/l		06/22/95	KMG
trans-1,2-Dichloroethene	<1	ug/l		06/22/95	KMG
1,2-Dichloropropane	<1	ug/l		06/22/95	KMG
1,3-Dichloropropane	<1	ug/l		06/22/95	KMG
2,2-Dichloropropane	<1	ug/l		06/22/95	KMG
1,1-Dichloropropene	<1	ug/l		06/22/95	KMG
Ethylbenzene	<1	ug/l		06/22/95	KMG
Isopropylbenzene (Cumene)	<1	ug/l		06/22/95	KMG
4-Isopropyltoluene (Cymene)	<1	ug/l		06/22/95	KMG
Hexachlorobutadiene	<1	ug/l		06/22/95	KMG
Methylene chloride	<1	ug/l	a	06/22/95	KMG
Naphthalene	<1	ug/l		06/22/95	KMG
n-Propylbenzene	<1	ug/l		06/22/95	KMG
Styrene	<1	ug/l		06/22/95	KMG
1,1,1,2-Tetrachloroethane	<1	ug/l		06/22/95	KMG
1,1,2,2-Tetrachloroethane	<1	ug/l		06/22/95	KMG
Tetrachloroethene	<1	ug/l		06/22/95	KMG
Toluene	<1	ug/l		06/22/95	KMG
1,2,3-Trichlorobenzene	<1	ug/l		06/22/95	KMG
1,2,4-Trichlorobenzene	<1	ug/l		06/22/95	KMG
1,1,1,-Trichloroethane	<1	ug/l		06/22/95	KMG
1,1,2-Trichloroethane	<1	ug/l		06/22/95	KMG
Trichloroethene	<1	ug/l		06/22/95	KMG
Trichlorofluoromethane	<1	ug/l		06/22/95	KMG
1,2,3-Trichloropropane	<1	ug/l		06/22/95	KMG
1,2,4-Trimethylbenzene	<1	ug/l		06/22/95	KMG
1,3,5-Trimethylbenzene	<1	ug/l		06/22/95	KMG
Vinyl chloride	<1	ug/l		06/22/95	KMG
o-Xylene	<1	ug/l		06/22/95	KMG
m-Xylene	<1	ug/l		06/22/95	KMG
p-Xylene	<1	ug/l		06/22/95	KMG

a- This result has been blank corrected.

** SAMPLE ANALYSIS REPORT **

07/11/95

Northeast Environmental Services Contacts: Richard Jones
Marguerite Drive West
RR #3, Box 8B Phone: (315) 697-3979
Canastota, NY 13032

Sample # 50616413 Project #: L1840 -114
Customer ID: Sample 4 - 06/20/95
Matrix: NPW, Int. COC Authorization: NES Canal Rd.

Test Name	Results	Units	Comment	Completed	Initials
Arsenic, EPA 206.2	<0.01	mg/l		07/05/95	CRW
Barium, EPA 208.1	0.30	mg/l		06/23/95	KBB
Chromium, Total, EPA 218.1	0.011	mg/l		07/05/95	KBB
Lead, EPA 239.2	<0.01	mg/l		07/11/95	CRW
Mercury, EPA 245.1	<0.0002	mg/l		06/26/95	KBB
Nickel, EPA 249.1	<0.02	mg/l		07/10/95	KBB
Metals Digestion, EPA 600/4-79	Batch	1487		06/22/95	KEK
EPA 8021 Volatiles					
Benzene	<1	ug/l		06/22/95	KMG
Bromobenzene	<1	ug/l		06/22/95	KMG
Bromochloromethane	<1	ug/l		06/22/95	KMG
Bromodichloromethane	<1	ug/l		06/22/95	KMG
Bromoform	<1	ug/l		06/22/95	KMG
Bromomethane	<1	ug/l		06/22/95	KMG
n-Butylbenzene	<1	ug/l		06/22/95	KMG
sec-Butylbenzene	<1	ug/l		06/22/95	KMG
tert-Butylbenzene	<1	ug/l		06/22/95	KMG
Carbon tetrachloride	<1	ug/l		06/22/95	KMG
Chlorobenzene	<1	ug/l		06/22/95	KMG
Chloroethane	<1	ug/l		06/22/95	KMG
Chloroform	<1	ug/l		06/22/95	KMG
Chloromethane	<1	ug/l		06/22/95	KMG
2-Chlorotoluene	<1	ug/l		06/22/95	KMG
4-Chlorotoluene	<1	ug/l		06/22/95	KMG
Dibromochloromethane	<1	ug/l		06/22/95	KMG
1,2-Dibromo-3-chloropropane (DBCP)	<1	ug/l		06/22/95	KMG
1,2-Dibromoethane (EDB)	<1	ug/l		06/22/95	KMG
Dibromomethane	<1	ug/l		06/22/95	KMG
1,2-Dichlorobenzene	<1	ug/l		06/22/95	KMG
1,3-Dichlorobenzene	<1	ug/l		06/22/95	KMG
1,4-Dichlorobenzene	<1	ug/l		06/22/95	KMG
Dichlorodifluoromethane	<1	ug/l		06/22/95	KMG
1,1-Dichloroethane	<1	ug/l		06/22/95	KMG
1,2-Dichloroethane	<1	ug/l		06/22/95	KMG
1,1-Dichloroethene	<1	ug/l		06/22/95	KMG
cis-1,2-Dichloroethene	<1	ug/l		06/22/95	KMG

** SAMPLE ANALYSIS REPORT **

07/11/95

Northeast Environmental Services Contacts: Richard Jones
Marguerite Drive West
RR #3, Box 8B Phone: (315) 697-3979
Canastota, NY 13032

Sample # 50616413 Project #: L1840 -114
Customer ID: Sample 4 - 06/20/95
Matrix: NPW, Int. COC Authorization: NES Canal Rd.

Test Name	Results	Units	Comment	Completed	Initials
trans-1,2-Dichloroethene	<1	ug/l		06/22/95	KMG
1,2-Dichloropropane	<1	ug/l		06/22/95	KMG
1,3-Dichloropropane	<1	ug/l		06/22/95	KMG
2,2-Dichloropropane	<1	ug/l		06/22/95	KMG
1,1-Dichloropropene	<1	ug/l		06/22/95	KMG
Ethylbenzene	<1	ug/l		06/22/95	KMG
Isopropylbenzene (Cumene)	<1	ug/l		06/22/95	KMG
4-Isopropyltoluene (Cymene)	<1	ug/l		06/22/95	KMG
Hexachlorobutadiene	<1	ug/l		06/22/95	KMG
Methylene chloride	<1	ug/l	a	06/22/95	KMG
Naphthalene	<1	ug/l		06/22/95	KMG
n-Propylbenzene	<1	ug/l		06/22/95	KMG
Styrene	<1	ug/l		06/22/95	KMG
1,1,1,2-Tetrachloroethane	<1	ug/l		06/22/95	KMG
1,1,2,2-Tetrachloroethane	<1	ug/l		06/22/95	KMG
Tetrachloroethene	<1	ug/l		06/22/95	KMG
Toluene	<1	ug/l		06/22/95	KMG
1,2,3-Trichlorobenzene	<1	ug/l		06/22/95	KMG
1,2,4-Trichlorobenzene	<1	ug/l		06/22/95	KMG
1,1,1,-Trichloroethane	<1	ug/l		06/22/95	KMG
1,1,2-Trichloroethane	<1	ug/l		06/22/95	KMG
Trichloroethene	<1	ug/l		06/22/95	KMG
Trichlorofluoromethane	<1	ug/l		06/22/95	KMG
1,2,3-Trichloropropane	<1	ug/l		06/22/95	KMG
1,2,4-Trimethylbenzene	<1	ug/l		06/22/95	KMG
1,3,5-Trimethylbenzene	<1	ug/l		06/22/95	KMG
Vinyl chloride	<1	ug/l		06/22/95	KMG
o-Xylene	<1	ug/l		06/22/95	KMG
m-Xylene	<1	ug/l		06/22/95	KMG
p-Xylene	<1	ug/l		06/22/95	KMG

a- This result has been blank corrected.

** SAMPLE ANALYSIS REPORT **

07/11/95

Northeast Environmental Services Contacts: Richard Jones
Marguerite Drive West
RR #3, Box 8B Phone: (315) 697-3979
Canastota, NY 13032

Sample # 50616414 Project #: L1840 -114
Customer ID: Sample 5 - 06/20/95
Matrix: NPW, Int. COC Authorization: NES Canal Rd.

Test Name	Results	Units	Comment	Completed	Initials
Arsenic, EPA 206.2	<0.01	mg/l		07/05/95	CRW
Barium, EPA 208.1	0.27	mg/l		06/23/95	KBB
Chromium, Total, EPA 218.1	0.011	mg/l		07/05/95	KBB
Lead, EPA 239.2	<0.01	mg/l		07/11/95	CRW
Mercury, EPA 245.1	<0.0002	mg/l		06/26/95	KBB
Nickel, EPA 249.1	<0.02	mg/l		07/10/95	KBB
Metals Digestion, EPA 600/4-79	Batch	1487		06/22/95	KEK
EPA 8021 Volatiles					
Benzene	<1	ug/l		06/22/95	KMG
Bromobenzene	<1	ug/l		06/22/95	KMG
Bromochloromethane	<1	ug/l		06/22/95	KMG
Bromodichloromethane	<1	ug/l		06/22/95	KMG
Bromoform	<1	ug/l		06/22/95	KMG
Bromomethane	<1	ug/l		06/22/95	KMG
n-Butylbenzene	<1	ug/l		06/22/95	KMG
sec-Butylbenzene	<1	ug/l		06/22/95	KMG
tert-Butylbenzene	<1	ug/l		06/22/95	KMG
Carbon tetrachloride	<1	ug/l		06/22/95	KMG
Chlorobenzene	<1	ug/l		06/22/95	KMG
Chloroethane	<1	ug/l		06/22/95	KMG
Chloroform	<1	ug/l		06/22/95	KMG
Chloromethane	<1	ug/l		06/22/95	KMG
2-Chlorotoluene	<1	ug/l		06/22/95	KMG
4-Chlorotoluene	<1	ug/l		06/22/95	KMG
Dibromochloromethane	<1	ug/l		06/22/95	KMG
1,2-Dibromo-3-chloropropane (DBCP)	<1	ug/l		06/22/95	KMG
1,2-Dibromoethane (EDB)	<1	ug/l		06/22/95	KMG
Dibromomethane	<1	ug/l		06/22/95	KMG
1,2-Dichlorobenzene	<1	ug/l		06/22/95	KMG
1,3-Dichlorobenzene	<1	ug/l		06/22/95	KMG
1,4-Dichlorobenzene	<1	ug/l		06/22/95	KMG
Dichlorodifluoromethane	<1	ug/l		06/22/95	KMG
1,1-Dichloroethane	<1	ug/l		06/22/95	KMG
1,2-Dichloroethane	<1	ug/l		06/22/95	KMG
1,1-Dichloroethene	<1	ug/l		06/22/95	KMG
cis-1,2-Dichloroethene	<1	ug/l		06/22/95	KMG

** SAMPLE ANALYSIS REPORT **

07/11/95

Northeast Environmental Services Contacts: Richard Jones
Marguerite Drive West
RR #3, Box 8B Phone: (315) 697-3979
Canastota, NY 13032

Sample # 50616414 Project #: L1840 -114
Customer ID: Sample 5 - 06/20/95
Matrix: NPW, Int. COC Authorization: NES Canal Rd.

Test Name	Results	Units	Comment	Completed	Initials
trans-1,2-Dichloroethene	<1	ug/l		06/22/95	KMG
1,2-Dichloropropane	<1	ug/l		06/22/95	KMG
1,3-Dichloropropane	<1	ug/l		06/22/95	KMG
2,2-Dichloropropane	<1	ug/l		06/22/95	KMG
1,1-Dichloropropene	<1	ug/l		06/22/95	KMG
Ethylbenzene	<1	ug/l		06/22/95	KMG
Isopropylbenzene (Cumene)	<1	ug/l		06/22/95	KMG
4-Isopropyltoluene (Cymene)	<1	ug/l		06/22/95	KMG
Hexachlorobutadiene	<1	ug/l		06/22/95	KMG
Methylene chloride	<1	ug/l	a	06/22/95	KMG
Naphthalene	<1	ug/l		06/22/95	KMG
n-Propylbenzene	<1	ug/l		06/22/95	KMG
Styrene	<1	ug/l		06/22/95	KMG
1,1,1,2-Tetrachloroethane	<1	ug/l		06/22/95	KMG
1,1,2,2-Tetrachloroethane	<1	ug/l		06/22/95	KMG
Tetrachloroethene	<1	ug/l		06/22/95	KMG
Toluene	<1	ug/l		06/22/95	KMG
1,2,3-Trichlorobenzene	<1	ug/l		06/22/95	KMG
1,2,4-Trichlorobenzene	<1	ug/l		06/22/95	KMG
1,1,1,-Trichloroethane	<1	ug/l		06/22/95	KMG
1,1,2-Trichloroethane	<1	ug/l		06/22/95	KMG
Trichloroethene	<1	ug/l		06/22/95	KMG
Trichlorofluoromethane	<1	ug/l		06/22/95	KMG
1,2,3-Trichloropropane	<1	ug/l		06/22/95	KMG
1,2,4-Trimethylbenzene	<1	ug/l		06/22/95	KMG
1,3,5-Trimethylbenzene	<1	ug/l		06/22/95	KMG
Vinyl chloride	<1	ug/l		06/22/95	KMG
o-Xylene	<1	ug/l		06/22/95	KMG
m-Xylene	<1	ug/l		06/22/95	KMG
p-Xylene	<1	ug/l		06/22/95	KMG

a- This result has been blank corrected.

** SAMPLE ANALYSIS REPORT **

07/11/95

Northeast Environmental Services Contacts: Richard Jones
Marguerite Drive West
RR #3, Box 8B Phone: (315) 697-3979
Canastota, NY 13032

Sample # 50616415 Project #: L1840 -114
Customer ID: FB - 06/20/95
Matrix: NPW, Int. COC Authorization: NES Canal Rd.

Test Name	Results	Units	Comment	Completed	Initials
Arsenic, EPA 206.2	<0.01	mg/l		07/05/95	CRW
Barium, EPA 208.1	<0.2	mg/l		06/23/95	KBB
Chromium, Total, EPA 218.1	<0.01	mg/l		07/05/95	KBB
Lead, EPA 239.2	<0.01	mg/l		07/11/95	CRW
Mercury, EPA 245.1	0.0021	mg/l	b	06/26/95	KBB
Nickel, EPA 249.1	<0.02	mg/l		07/10/95	KBB
Metals Digestion, EPA 600/4-79	Batch	1487		06/22/95	KEK
EPA 8021 Volatiles					
Benzene	<1	ug/l		06/22/95	KMG
Bromobenzene	<1	ug/l		06/22/95	KMG
Bromochloromethane	<1	ug/l		06/22/95	KMG
Bromodichloromethane	<1	ug/l		06/22/95	KMG
Bromoform	<1	ug/l		06/22/95	KMG
Bromomethane	<1	ug/l		06/22/95	KMG
n-Butylbenzene	<1	ug/l		06/22/95	KMG
sec-Butylbenzene	<1	ug/l		06/22/95	KMG
tert-Butylbenzene	<1	ug/l		06/22/95	KMG
Carbon tetrachloride	<1	ug/l		06/22/95	KMG
Chlorobenzene	<1	ug/l		06/22/95	KMG
Chloroethane	<1	ug/l		06/22/95	KMG
Chloroform	<1	ug/l		06/22/95	KMG
Chloromethane	<1	ug/l		06/22/95	KMG
2-Chlorotoluene	<1	ug/l		06/22/95	KMG
4-Chlorotoluene	<1	ug/l		06/22/95	KMG
Dibromochloromethane	<1	ug/l		06/22/95	KMG
1,2-Dibromo-3-chloropropane (DBCP)	<1	ug/l		06/22/95	KMG
1,2-Dibromoethane (EDB)	<1	ug/l		06/22/95	KMG
Dibromomethane	<1	ug/l		06/22/95	KMG
1,2-Dichlorobenzene	<1	ug/l		06/22/95	KMG
1,3-Dichlorobenzene	<1	ug/l		06/22/95	KMG
1,4-Dichlorobenzene	<1	ug/l		06/22/95	KMG
Dichlorodifluoromethane	<1	ug/l		06/22/95	KMG
1,1-Dichloroethane	<1	ug/l		06/22/95	KMG

** SAMPLE ANALYSIS REPORT **

07/11/95

Northeast Environmental Services Contacts: Richard Jones
Marguerite Drive West
RR #3, Box 8B Phone: (315) 697-3979
Canastota, NY 13032

Sample # 50616415

Project #: L1840 -114

Customer ID: FB - 06/20/95

Matrix: NPW, Int. COC

Authorization: NES Canal Rd.

Test Name	Results	Units	Comment	Completed	Initials
1,2-Dichloroethane	<1	ug/l		06/22/95	KMG
1,1-Dichloroethene	<1	ug/l		06/22/95	KMG
cis-1,2-Dichloroethene	<1	ug/l		06/22/95	KMG
trans-1,2-Dichloroethene	<1	ug/l		06/22/95	KMG
1,2-Dichloropropane	<1	ug/l		06/22/95	KMG
1,3-Dichloropropane	<1	ug/l		06/22/95	KMG
2,2-Dichloropropane	<1	ug/l		06/22/95	KMG
1,1-Dichloropropene	<1	ug/l		06/22/95	KMG
Ethylbenzene	<1	ug/l		06/22/95	KMG
Isopropylbenzene (Cumene)	<1	ug/l		06/22/95	KMG
4-Isopropyltoluene (Cymene)	<1	ug/l		06/22/95	KMG
Hexachlorobutadiene	<1	ug/l		06/22/95	KMG
Methylene chloride	<1	ug/l	a	06/22/95	KMG
Naphthalene	<1	ug/l		06/22/95	KMG
n-Propylbenzene	<1	ug/l		06/22/95	KMG
Styrene	<1	ug/l		06/22/95	KMG
1,1,1,2-Tetrachloroethane	<1	ug/l		06/22/95	KMG
1,1,2,2-Tetrachloroethane	<1	ug/l		06/22/95	KMG
Tetrachloroethene	<1	ug/l		06/22/95	KMG
Toluene	<1	ug/l		06/22/95	KMG
1,2,3-Trichlorobenzene	<1	ug/l		06/22/95	KMG
1,2,4-Trichlorobenzene	<1	ug/l		06/22/95	KMG
1,1,1,-Trichloroethane	<1	ug/l		06/22/95	KMG
1,1,2-Trichloroethane	<1	ug/l		06/22/95	KMG
Trichloroethene	<1	ug/l		06/22/95	KMG
Trichlorofluoromethane	<1	ug/l		06/22/95	KMG
1,2,3-Trichloropropane	<1	ug/l		06/22/95	KMG
1,2,4-Trimethylbenzene	<1	ug/l		06/22/95	KMG
1,3,5-Trimethylbenzene	<1	ug/l		06/22/95	KMG
Vinyl chloride	<1	ug/l		06/22/95	KMG
o-Xylene	<1	ug/l		06/22/95	KMG
m-Xylene	<1	ug/l		06/22/95	KMG
p-Xylene	<1	ug/l		06/22/95	KMG

a- This result has been blank corrected.

b- Sample reanalyzed 7/12/95. Result 0.0010 mg/l.

Life Science Laboratories, Inc
5854 Butternut Drive
East Syracuse, New York 13057
(315) 445-1105
NYS DOH ELAP NO. 10248

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** SAMPLE ANALYSIS REPORT **

07/11/95

Northeast Environmental Services Contacts: Richard Jones
Marguerite Drive West
RR #3, Box 8B Phone: (315) 697-3979
Canastota, NY 13032

Sample # 50616416 Project #: L1840 -114
Customer ID: TB - 06/20/95
Matrix: NPW, Int. COC Authorization: NES Canal Rd.

Test Name	Results	Units	Comment	Completed	Initials
-----	-----	-----	-----	-----	-----
EPA 8021 Volatiles					
Benzene	<1	ug/l		06/22/95	KMG
Bromobenzene	<1	ug/l		06/22/95	KMG
Bromochloromethane	<1	ug/l		06/22/95	KMG
Bromodichloromethane	<1	ug/l		06/22/95	KMG
Bromoform	<1	ug/l		06/22/95	KMG
Bromomethane	<1	ug/l		06/22/95	KMG
n-Butylbenzene	<1	ug/l		06/22/95	KMG
sec-Butylbenzene	<1	ug/l		06/22/95	KMG
tert-Butylbenzene	<1	ug/l		06/22/95	KMG
Carbon tetrachloride	<1	ug/l		06/22/95	KMG
Chlorobenzene	<1	ug/l		06/22/95	KMG
Chloroethane	<1	ug/l		06/22/95	KMG
Chloroform	<1	ug/l		06/22/95	KMG
Chloromethane	<1	ug/l		06/22/95	KMG
2-Chlorotoluene	<1	ug/l		06/22/95	KMG
4-Chlorotoluene	<1	ug/l		06/22/95	KMG
Dibromochloromethane	<1	ug/l		06/22/95	KMG
1,2-Dibromo-3-chloropropane (DBCP)	<1	ug/l		06/22/95	KMG
1,2-Dibromoethane (EDB)	<1	ug/l		06/22/95	KMG
Dibromomethane	<1	ug/l		06/22/95	KMG
1,2-Dichlorobenzene	<1	ug/l		06/22/95	KMG
1,3-Dichlorobenzene	<1	ug/l		06/22/95	KMG
1,4-Dichlorobenzene	<1	ug/l		06/22/95	KMG
Dichlorodifluoromethane	<1	ug/l		06/22/95	KMG
1,1-Dichloroethane	<1	ug/l		06/22/95	KMG
1,2-Dichloroethane	<1	ug/l		06/22/95	KMG
1,1-Dichloroethene	<1	ug/l		06/22/95	KMG
cis-1,2-Dichloroethene	<1	ug/l		06/22/95	KMG
trans-1,2-Dichloroethene	<1	ug/l		06/22/95	KMG
1,2-Dichloropropane	<1	ug/l		06/22/95	KMG
1,3-Dichloropropane	<1	ug/l		06/22/95	KMG
2,2-Dichloropropane	<1	ug/l		06/22/95	KMG
1,1-Dichloropropene	<1	ug/l		06/22/95	KMG
Ethylbenzene	<1	ug/l		06/22/95	KMG
Isopropylbenzene (Cumene)	<1	ug/l		06/22/95	KMG

Life Science Laboratories, Inc
5854 Butternut Drive
East Syracuse, New York 13057
(315) 445-1105
NYS DOH ELAP NO. 10248

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** SAMPLE ANALYSIS REPORT **

07/11/95

Northeast Environmental Services
Marguerite Drive West
RR #3, Box 8B
Canastota, NY 13032

Contacts: Richard Jones

Phone: (315) 697-3979

Sample # 50616416

Project #: L1840 -114

Customer ID: TB - 06/20/95

Matrix: NPW, Int. COC

Authorization: NES Canal Rd.

Test Name	Results	Units	Comment	Completed	Initials
4-Isopropyltoluene (Cymene)	<1	ug/l		06/22/95	KMG
Hexachlorobutadiene	<1	ug/l		06/22/95	KMG
Methylene chloride	<1	ug/l		06/22/95	KMG
Naphthalene	<1	ug/l		06/22/95	KMG
n-Propylbenzene	<1	ug/l		06/22/95	KMG
Styrene	<1	ug/l		06/22/95	KMG
1,1,1,2-Tetrachloroethane	<1	ug/l		06/22/95	KMG
1,1,2,2-Tetrachloroethane	<1	ug/l		06/22/95	KMG
Tetrachloroethene	<1	ug/l		06/22/95	KMG
Toluene	<1	ug/l		06/22/95	KMG
1,2,3-Trichlorobenzene	<1	ug/l		06/22/95	KMG
1,2,4-Trichlorobenzene	<1	ug/l		06/22/95	KMG
1,1,1,-Trichloroethane	<1	ug/l		06/22/95	KMG
1,1,2-Trichloroethane	<1	ug/l		06/22/95	KMG
Trichloroethene	<1	ug/l		06/22/95	KMG
Trichlorofluoromethane	<1	ug/l		06/22/95	KMG
1,2,3-Trichloropropane	<1	ug/l		06/22/95	KMG
1,2,4-Trimethylbenzene	<1	ug/l		06/22/95	KMG
1,3,5-Trimethylbenzene	<1	ug/l		06/22/95	KMG
Vinyl chloride	<1	ug/l		06/22/95	KMG
o-Xylene	<1	ug/l		06/22/95	KMG
m-Xylene	<1	ug/l		06/22/95	KMG
p-Xylene	<1	ug/l		06/22/95	KMG

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** SAMPLE ANALYSIS REPORT **

07/11/95

Northeast Environmental Services Contacts: Richard Jones
Marguerite Drive West
RR #3, Box 8B Phone: (315) 697-3979
Canastota, NY 13032

Sample # 50616417 Project #: L1840 -114
Customer ID: Sample 6 - 06/20/95
Matrix: NPW, Int. COC Authorization: NES Canal Rd.

Test Name	Results	Units	Comment	Completed	Initials
Arsenic, EPA 206.2	<0.01	mg/l		07/05/95	CRW
Barium, EPA 208.1	0.62	mg/l		06/23/95	KBB
Chromium, Total, EPA 218.1	0.012	mg/l		07/05/95	KBB
Lead, EPA 239.2	<0.01	mg/l		07/11/95	CRW
Mercury, EPA 245.1	<0.0002	mg/l		06/26/95	KBB
Nickel, EPA 249.1	<0.02	mg/l		07/10/95	KBB
Metals Digestion, EPA 600/4-79	Batch	1487		06/22/95	KEK
EPA 8021 Volatiles					
Benzene	<1	ug/l		06/22/95	KMG
Bromobenzene	<1	ug/l		06/22/95	KMG
Bromochloromethane	<1	ug/l		06/22/95	KMG
Bromodichloromethane	<1	ug/l		06/22/95	KMG
Bromoform	<1	ug/l		06/22/95	KMG
Bromomethane	<1	ug/l		06/22/95	KMG
n-Butylbenzene	<1	ug/l		06/22/95	KMG
sec-Butylbenzene	<1	ug/l		06/22/95	KMG
tert-Butylbenzene	<1	ug/l		06/22/95	KMG
Carbon tetrachloride	<1	ug/l		06/22/95	KMG
Chlorobenzene	<1	ug/l		06/22/95	KMG
Chloroethane	<1	ug/l		06/22/95	KMG
Chloroform	<1	ug/l		06/22/95	KMG
Chloromethane	<1	ug/l		06/22/95	KMG
2-Chlorotoluene	<1	ug/l		06/22/95	KMG
4-Chlorotoluene	<1	ug/l		06/22/95	KMG
Dibromochloromethane	<1	ug/l		06/22/95	KMG
1,2-Dibromo-3-chloropropane (DBCP)	<1	ug/l		06/22/95	KMG
1,2-Dibromoethane (EDB)	<1	ug/l		06/22/95	KMG
Dibromomethane	<1	ug/l		06/22/95	KMG
1,2-Dichlorobenzene	<1	ug/l		06/22/95	KMG
1,3-Dichlorobenzene	<1	ug/l		06/22/95	KMG
1,4-Dichlorobenzene	<1	ug/l		06/22/95	KMG
Dichlorodifluoromethane	<1	ug/l		06/22/95	KMG
1,1-Dichloroethane	<1	ug/l		06/22/95	KMG
1,2-Dichloroethane	<1	ug/l		06/22/95	KMG

** SAMPLE ANALYSIS REPORT **

07/11/95

Northeast Environmental Services Contacts: Richard Jones
Marguerite Drive West
RR #3, Box 8B Phone: (315) 697-3979
Canastota, NY 13032

Sample # 50616417 Project #: L1840 -114
Customer ID: Sample 6 - 06/20/95
Matrix: NPW, Int. COC Authorization: NES Canal Rd.

Test Name	Results	Units	Comment	Completed	Initials
1,1-Dichloroethene	<1	ug/l		06/22/95	KMG
cis-1,2-Dichloroethene	1.1	ug/l		06/22/95	KMG
trans-1,2-Dichloroethene	<1	ug/l		06/22/95	KMG
1,2-Dichloropropane	<1	ug/l		06/22/95	KMG
1,3-Dichloropropane	<1	ug/l		06/22/95	KMG
2,2-Dichloropropane	<1	ug/l		06/22/95	KMG
1,1-Dichloropropene	<1	ug/l		06/22/95	KMG
Ethylbenzene	<1	ug/l		06/22/95	KMG
Isopropylbenzene (Cumene)	<1	ug/l		06/22/95	KMG
4-Isopropyltoluene (Cymene)	<1	ug/l		06/22/95	KMG
Hexachlorobutadiene	<1	ug/l		06/22/95	KMG
Methylene chloride	<1	ug/l	a	06/22/95	KMG
Naphthalene	<1	ug/l		06/22/95	KMG
n-Propylbenzene	<1	ug/l		06/22/95	KMG
Styrene	<1	ug/l		06/22/95	KMG
1,1,1,2-Tetrachloroethane	<1	ug/l		06/22/95	KMG
1,1,2,2-Tetrachloroethane	<1	ug/l		06/22/95	KMG
Tetrachloroethene	<1	ug/l		06/22/95	KMG
Toluene	<1	ug/l		06/22/95	KMG
1,2,3-Trichlorobenzene	<1	ug/l		06/22/95	KMG
1,2,4-Trichlorobenzene	<1	ug/l		06/22/95	KMG
1,1,1,-Trichloroethane	<1	ug/l		06/22/95	KMG
1,1,2-Trichloroethane	<1	ug/l		06/22/95	KMG
Trichloroethene	<1	ug/l		06/22/95	KMG
Trichlorofluoromethane	<1	ug/l		06/22/95	KMG
1,2,3-Trichloropropane	<1	ug/l		06/22/95	KMG
1,2,4-Trimethylbenzene	<1	ug/l		06/22/95	KMG
1,3,5-Trimethylbenzene	<1	ug/l		06/22/95	KMG
Vinyl chloride	<1	ug/l		06/22/95	KMG
o-Xylene	<1	ug/l		06/22/95	KMG
m-Xylene	<1	ug/l		06/22/95	KMG
p-Xylene	<1	ug/l		06/22/95	KMG

a- This result has been blank corrected.

** SAMPLE ANALYSIS REPORT **

07/11/95

Northeast Environmental Services Contacts: Richard Jones
Marguerite Drive West
RR #3, Box 8B Phone: (315) 697-3979
Canastota, NY 13032

Sample # 50616418 Project #: L1840 -114
Customer ID: Sample 7 - 06/20/95
Matrix: NPW, Int. COC Authorization: NES Canal Rd.

Test Name	Results	Units	Comment	Completed	Initials
Arsenic, EPA 206.2	<0.01	mg/l		07/05/95	CRW
Barium, EPA 208.1	2.3	mg/l		06/23/95	KBB
Chromium, Total, EPA 218.1	<0.01	mg/l		07/05/95	KBB
Lead, EPA 239.2	<0.01	mg/l		07/11/95	CRW
Mercury, EPA 245.1	<0.0002	mg/l		06/26/95	KBB
Nickel, EPA 249.1	<0.02	mg/l		07/10/95	KBB
Metals Digestion, EPA 600/4-79	Batch	1487		06/22/95	KEK
EPA 8021 Volatiles					
Benzene	<1	ug/l		06/22/95	KMG
Bromobenzene	<1	ug/l		06/22/95	KMG
Bromochloromethane	<1	ug/l		06/22/95	KMG
Bromodichloromethane	<1	ug/l		06/22/95	KMG
Bromoform	<1	ug/l		06/22/95	KMG
Bromomethane	<1	ug/l		06/22/95	KMG
n-Butylbenzene	<1	ug/l		06/22/95	KMG
sec-Butylbenzene	<1	ug/l		06/22/95	KMG
tert-Butylbenzene	<1	ug/l		06/22/95	KMG
Carbon tetrachloride	<1	ug/l		06/22/95	KMG
Chlorobenzene	<1	ug/l		06/22/95	KMG
Chloroethane	43	ug/l	a	06/22/95	KMG
Chloroform	<1	ug/l		06/22/95	KMG
Chloromethane	<1	ug/l		06/22/95	KMG
2-Chlorotoluene	<1	ug/l		06/22/95	KMG
4-Chlorotoluene	<1	ug/l		06/22/95	KMG
Dibromochloromethane	<1	ug/l		06/22/95	KMG
1,2-Dibromo-3-chloropropane (DBCP)	<1	ug/l		06/22/95	KMG
1,2-Dibromoethane (EDB)	<1	ug/l		06/22/95	KMG
Dibromomethane	<1	ug/l		06/22/95	KMG
1,2-Dichlorobenzene	<1	ug/l		06/22/95	KMG
1,3-Dichlorobenzene	<1	ug/l		06/22/95	KMG
1,4-Dichlorobenzene	<1	ug/l		06/22/95	KMG
Dichlorodifluoromethane	<1	ug/l		06/22/95	KMG
1,1-Dichloroethane	<1	ug/l		06/22/95	KMG
1,2-Dichloroethane	<1	ug/l		06/22/95	KMG
1,1-Dichloroethene	<1	ug/l		06/22/95	KMG
cis-1,2-Dichloroethene	<1	ug/l		06/22/95	KMG
trans-1,2-Dichloroethene	<1	ug/l		06/22/95	KMG

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** SAMPLE ANALYSIS REPORT **

07/11/95

Northeast Environmental Services Contacts: Richard Jones
Marguerite Drive West
RR #3, Box 8B Phone: (315) 697-3979
Canastota, NY 13032

Sample # 50616418 Project #: L1840 -114
Customer ID: Sample 7 - 06/20/95
Matrix: NPW, Int. COC Authorization: NES Canal Rd.

Test Name	Results	Units	Comment	Completed	Initials
1,2-Dichloropropane	<1	ug/l		06/22/95	KMG
1,3-Dichloropropane	<1	ug/l		06/22/95	KMG
2,2-Dichloropropane	<1	ug/l		06/22/95	KMG
1,1-Dichloropropene	<1	ug/l		06/22/95	KMG
Ethylbenzene	<1	ug/l		06/22/95	KMG
Isopropylbenzene (Cumene)	<1	ug/l		06/22/95	KMG
4-Isopropyltoluene (Cymene)	<1	ug/l		06/22/95	KMG
Hexachlorobutadiene	<1	ug/l		06/22/95	KMG
Methylene chloride	<1	ug/l		06/22/95	KMG
Naphthalene	<1	ug/l		06/22/95	KMG
n-Propylbenzene	<1	ug/l		06/22/95	KMG
Styrene	<1	ug/l		06/22/95	KMG
1,1,1,2-Tetrachloroethane	<1	ug/l		06/22/95	KMG
1,1,2,2-Tetrachloroethane	<1	ug/l		06/22/95	KMG
Tetrachloroethene	<1	ug/l		06/22/95	KMG
Toluene	<1	ug/l		06/22/95	KMG
1,2,3-Trichlorobenzene	<1	ug/l		06/22/95	KMG
1,2,4-Trichlorobenzene	<1	ug/l		06/22/95	KMG
1,1,1,-Trichloroethane	<1	ug/l		06/22/95	KMG
1,1,2-Trichloroethane	<1	ug/l		06/22/95	KMG
Trichloroethene	<1	ug/l		06/22/95	KMG
Trichlorofluoromethane	<1	ug/l		06/22/95	KMG
1,2,3-Trichloropropane	<1	ug/l		06/22/95	KMG
1,2,4-Trimethylbenzene	<1	ug/l		06/22/95	KMG
1,3,5-Trimethylbenzene	<1	ug/l		06/22/95	KMG
Vinyl chloride	<1	ug/l		06/22/95	KMG
o-Xylene	<1	ug/l		06/22/95	KMG
m-Xylene	<1	ug/l		06/22/95	KMG
p-Xylene	<1	ug/l		06/22/95	KMG

a- Confirmed by GCMS.

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** SAMPLE ANALYSIS REPORT **

07/11/95

Northeast Environmental Services Contacts: Richard Jones
Marguerite Drive West
RR #3, Box 8B Phone: (315) 697-3979
Canastota, NY 13032

Sample # 50616487 Project #: L1840 -114
Customer ID: Sample 8 - 06/21/95
Matrix: NPW, Int. COC Authorization: NES Canal Rd.

Test Name	Results	Units	Comment	Completed	Initials
Arsenic, EPA 206.2	<0.01	mg/l		07/05/95	CRW
Barium, EPA 208.1	<0.2	mg/l		06/23/95	KBB
Chromium, Total, EPA 218.1	<0.01	mg/l		07/05/95	KBB
Lead, EPA 239.2	<0.01	mg/l		07/10/95	CRW
Mercury, EPA 245.1	<0.0002	mg/l		06/26/95	KBB
Nickel, EPA 249.1	<0.02	mg/l		07/10/95	KBB
Metals Digestion, EPA 600/4-79	Batch	1487		06/22/95	KEK
EPA 8021 Volatiles					
Benzene	<1	ug/l		06/23/95	KMG
Bromobenzene	<1	ug/l		06/23/95	KMG
Bromochloromethane	<1	ug/l		06/23/95	KMG
Bromodichloromethane	<1	ug/l		06/23/95	KMG
Bromoform	<1	ug/l		06/23/95	KMG
Bromomethane	<1	ug/l		06/23/95	KMG
n-Butylbenzene	<1	ug/l		06/23/95	KMG
sec-Butylbenzene	<1	ug/l		06/23/95	KMG
tert-Butylbenzene	<1	ug/l		06/23/95	KMG
Carbon tetrachloride	<1	ug/l		06/23/95	KMG
Chlorobenzene	<1	ug/l		06/23/95	KMG
Chloroethane	<1	ug/l		06/23/95	KMG
Chloroform	<1	ug/l		06/23/95	KMG
Chloromethane	<1	ug/l		06/23/95	KMG
2-Chlorotoluene	<1	ug/l		06/23/95	KMG
4-Chlorotoluene	<1	ug/l		06/23/95	KMG
Dibromochloromethane	<1	ug/l		06/23/95	KMG
1,2-Dibromo-3-chloropropane (DBCP)	<1	ug/l		06/23/95	KMG
1,2-Dibromoethane (EDB)	<1	ug/l		06/23/95	KMG
Dibromomethane	<1	ug/l		06/23/95	KMG
1,2-Dichlorobenzene	<1	ug/l		06/23/95	KMG
1,3-Dichlorobenzene	<1	ug/l		06/23/95	KMG
1,4-Dichlorobenzene	<1	ug/l		06/23/95	KMG
Dichlorodifluoromethane	<1	ug/l		06/23/95	KMG
1,1-Dichloroethane	<1	ug/l		06/23/95	KMG
1,2-Dichloroethane	<1	ug/l		06/23/95	KMG
1,1-Dichloroethene	<1	ug/l		06/23/95	KMG
cis-1,2-Dichloroethene	<1	ug/l		06/23/95	KMG
trans-1,2-Dichloroethene	<1	ug/l		06/23/95	KMG

** SAMPLE ANALYSIS REPORT **

07/11/95

Northeast Environmental Services Contacts: Richard Jones
Marguerite Drive West
RR #3, Box 8B Phone: (315) 697-3979
Canastota, NY 13032

Sample # 50616487 Project #: L1840 -114
Customer ID: Sample 8 - 06/21/95
Matrix: NPW, Int. COC Authorization: NES Canal Rd.

Test Name	Results	Units	Comment	Completed	Initials
1,2-Dichloropropane	<1	ug/l		06/23/95	KMG
1,3-Dichloropropane	<1	ug/l		06/23/95	KMG
2,2-Dichloropropane	<1	ug/l		06/23/95	KMG
1,1-Dichloropropene	<1	ug/l		06/23/95	KMG
Ethylbenzene	<1	ug/l		06/23/95	KMG
Isopropylbenzene (Cumene)	<1	ug/l		06/23/95	KMG
4-Isopropyltoluene (Cymene)	<1	ug/l		06/23/95	KMG
Hexachlorobutadiene	<1	ug/l		06/23/95	KMG
Methylene chloride	<1	ug/l	a	06/23/95	KMG
Naphthalene	<1	ug/l		06/23/95	KMG
n-Propylbenzene	<1	ug/l		06/23/95	KMG
Styrene	<1	ug/l		06/23/95	KMG
1,1,1,2-Tetrachloroethane	<1	ug/l		06/23/95	KMG
1,1,2,2-Tetrachloroethane	<1	ug/l		06/23/95	KMG
Tetrachloroethene	<1	ug/l		06/23/95	KMG
Toluene	<1	ug/l		06/23/95	KMG
1,2,3-Trichlorobenzene	<1	ug/l		06/23/95	KMG
1,2,4-Trichlorobenzene	<1	ug/l		06/23/95	KMG
1,1,1,-Trichloroethane	<1	ug/l		06/23/95	KMG
1,1,2-Trichloroethane	<1	ug/l		06/23/95	KMG
Trichloroethene	<1	ug/l		06/23/95	KMG
Trichlorofluoromethane	<1	ug/l		06/23/95	KMG
1,2,3-Trichloropropane	<1	ug/l		06/23/95	KMG
1,2,4-Trimethylbenzene	<1	ug/l		06/23/95	KMG
1,3,5-Trimethylbenzene	<1	ug/l		06/23/95	KMG
Vinyl chloride	<1	ug/l		06/23/95	KMG
o-Xylene	<1	ug/l		06/23/95	KMG
m-Xylene	<1	ug/l		06/23/95	KMG
p-Xylene	<1	ug/l		06/23/95	KMG

a- This result has been blank corrected.

** SAMPLE ANALYSIS REPORT **

07/11/95

Northeast Environmental Services Contacts: Richard Jones
Marguerite Drive West
RR #3, Box 8B Phone: (315) 697-3979
Canastota, NY 13032

Sample # 50616488 Project #: L1840 -114
Customer ID: Sample 9 - 06/21/95
Matrix: NPW, Int. COC Authorization: NES Canal Rd.

Test Name	Results	Units	Comment	Completed	Initials
Arsenic, EPA 206.2	<0.01	mg/l		07/05/95	CRW
Barium, EPA 208.1	1.2	mg/l		06/23/95	KBB
Chromium, Total, EPA 218.1	<0.01	mg/l		07/05/95	KBB
Lead, EPA 239.2	<0.01	mg/l		07/10/95	CRW
Mercury, EPA 245.1	<0.0002	mg/l		06/26/95	KBB
Nickel, EPA 249.1	<0.02	mg/l		07/10/95	KBB
Metals Digestion, EPA 600/4-79	Batch	1487		06/22/95	KEK
EPA 8021 Volatiles					
Benzene	<5	ug/l		06/22/95	KMG
Bromobenzene	<5	ug/l		06/22/95	KMG
Bromochloromethane	<5	ug/l		06/22/95	KMG
Bromodichloromethane	<5	ug/l		06/22/95	KMG
Bromoform	<5	ug/l		06/22/95	KMG
Bromomethane	<5	ug/l		06/22/95	KMG
n-Butylbenzene	<5	ug/l		06/22/95	KMG
sec-Butylbenzene	<5	ug/l		06/22/95	KMG
tert-Butylbenzene	<5	ug/l		06/22/95	KMG
Carbon tetrachloride	<5	ug/l		06/22/95	KMG
Chlorobenzene	<5	ug/l		06/22/95	KMG
Chloroethane	<5	ug/l		06/22/95	KMG
Chloroform	<5	ug/l		06/22/95	KMG
Chloromethane	<5	ug/l		06/22/95	KMG
2-Chlorotoluene	<5	ug/l		06/22/95	KMG
4-Chlorotoluene	<5	ug/l		06/22/95	KMG
Dibromochloromethane	<5	ug/l		06/22/95	KMG
1,2-Dibromo-3-chloropropane (DBCP)	<5	ug/l		06/22/95	KMG
1,2-Dibromoethane (EDB)	<5	ug/l		06/22/95	KMG
Dibromomethane	<5	ug/l		06/22/95	KMG
1,2-Dichlorobenzene	<5	ug/l		06/22/95	KMG
1,3-Dichlorobenzene	<5	ug/l		06/22/95	KMG
1,4-Dichlorobenzene	<5	ug/l		06/22/95	KMG
Dichlorodifluoromethane	<5	ug/l		06/22/95	KMG
1,1-Dichloroethane	<5	ug/l		06/22/95	KMG
1,2-Dichloroethane	<5	ug/l		06/22/95	KMG
1,1-Dichloroethene	<5	ug/l		06/22/95	KMG

** SAMPLE ANALYSIS REPORT **

07/11/95

Northeast Environmental Services Contacts: Richard Jones
Marguerite Drive West
RR #3, Box 8B Phone: (315) 697-3979
Canastota, NY 13032

Sample # 50616488 Project #: L1840 -114
Customer ID: Sample 9 - 06/21/95
Matrix: NPW, Int. COC Authorization: NES Canal Rd.

Test Name	Results	Units	Comment	Completed	Initials
cis-1,2-Dichloroethene	<5	ug/l		06/22/95	KMG
trans-1,2-Dichloroethene	<5	ug/l		06/22/95	KMG
1,2-Dichloropropane	<5	ug/l		06/22/95	KMG
1,3-Dichloropropane	<5	ug/l		06/22/95	KMG
2,2-Dichloropropane	<5	ug/l		06/22/95	KMG
1,1-Dichloropropene	<5	ug/l		06/22/95	KMG
Ethylbenzene	<5	ug/l		06/22/95	KMG
Isopropylbenzene (Cumene)	<5	ug/l		06/22/95	KMG
4-Isopropyltoluene (Cymene)	<5	ug/l		06/22/95	KMG
Hexachlorobutadiene	<5	ug/l		06/22/95	KMG
Methylene chloride	<5	ug/l	a	06/22/95	KMG
Naphthalene	<5	ug/l		06/22/95	KMG
n-Propylbenzene	<5	ug/l		06/22/95	KMG
Styrene	<5	ug/l		06/22/95	KMG
1,1,1,2-Tetrachloroethane	<5	ug/l		06/22/95	KMG
1,1,2,2-Tetrachloroethane	<5	ug/l		06/22/95	KMG
Tetrachloroethene	<5	ug/l		06/22/95	KMG
Toluene	<5	ug/l		06/22/95	KMG
1,2,3-Trichlorobenzene	<5	ug/l		06/22/95	KMG
1,2,4-Trichlorobenzene	<5	ug/l		06/22/95	KMG
1,1,1,-Trichloroethane	<5	ug/l		06/22/95	KMG
1,1,2-Trichloroethane	<5	ug/l		06/22/95	KMG
Trichloroethene	<5	ug/l		06/22/95	KMG
Trichlorofluoromethane	<5	ug/l		06/22/95	KMG
1,2,3-Trichloropropane	<5	ug/l		06/22/95	KMG
1,2,4-Trimethylbenzene	<5	ug/l		06/22/95	KMG
1,3,5-Trimethylbenzene	<5	ug/l		06/22/95	KMG
Vinyl chloride	190	ug/l	b	06/22/95	KMG
o-Xylene	<5	ug/l		06/22/95	KMG
m-Xylene	<5	ug/l		06/22/95	KMG
p-Xylene	<5	ug/l		06/22/95	KMG

a- This result has been blank corrected.

b- Confirmed by GCMS.

** SAMPLE ANALYSIS REPORT **

07/11/95

Northeast Environmental Services Contacts: Richard Jones
Marguerite Drive West
RR #3, Box 8B Phone: (315) 697-3979
Canastota, NY 13032

Sample # 50616489 Project #: L1840 -114
Customer ID: Sample 10 - 06/21/95
Matrix: NPW, Int. COC Authorization: NES Canal Rd.

Test Name	Results	Units	Comment	Completed	Initials
Arsenic, EPA 206.2	<0.01	mg/l		07/05/95	CRW
Barium, EPA 208.1	0.37	mg/l		06/23/95	KBB
Chromium, Total, EPA 218.1	<0.01	mg/l		07/05/95	KBB
Lead, EPA 239.2	<0.01	mg/l		07/10/95	CRW
Mercury, EPA 245.1	<0.0002	mg/l		06/26/95	KBB
Nickel, EPA 249.1	<0.02	mg/l		07/10/95	KBB
Metals Digestion, EPA 600/4-79	Batch	1487		06/22/95	KEK
EPA 8021 Volatiles					
Benzene	<1	ug/l		06/23/95	KMG
Bromobenzene	<1	ug/l		06/23/95	KMG
Bromochloromethane	<1	ug/l		06/23/95	KMG
Bromodichloromethane	<1	ug/l		06/23/95	KMG
Bromoform	<1	ug/l		06/23/95	KMG
Bromomethane	<1	ug/l		06/23/95	KMG
n-Butylbenzene	<1	ug/l		06/23/95	KMG
sec-Butylbenzene	<1	ug/l		06/23/95	KMG
tert-Butylbenzene	<1	ug/l		06/23/95	KMG
Carbon tetrachloride	<1	ug/l		06/23/95	KMG
Chlorobenzene	<1	ug/l		06/23/95	KMG
Chloroethane	<1	ug/l		06/23/95	KMG
Chloroform	<1	ug/l		06/23/95	KMG
Chloromethane	<1	ug/l		06/23/95	KMG
2-Chlorotoluene	<1	ug/l		06/23/95	KMG
4-Chlorotoluene	<1	ug/l		06/23/95	KMG
Dibromochloromethane	<1	ug/l		06/23/95	KMG
1,2-Dibromo-3-chloropropane (DBCP)	<1	ug/l		06/23/95	KMG
1,2-Dibromoethane (EDB)	<1	ug/l		06/23/95	KMG
Dibromomethane	<1	ug/l		06/23/95	KMG
1,2-Dichlorobenzene	<1	ug/l		06/23/95	KMG
1,3-Dichlorobenzene	<1	ug/l		06/23/95	KMG
1,4-Dichlorobenzene	<1	ug/l		06/23/95	KMG
Dichlorodifluoromethane	<1	ug/l		06/23/95	KMG
1,1-Dichloroethane	<1	ug/l		06/23/95	KMG
1,2-Dichloroethane	<1	ug/l		06/23/95	KMG
1,1-Dichloroethene	<1	ug/l		06/23/95	KMG
cis-1,2-Dichloroethene	<1	ug/l		06/23/95	KMG
trans-1,2-Dichloroethene	<1	ug/l		06/23/95	KMG

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** SAMPLE ANALYSIS REPORT **

07/11/95

Northeast Environmental Services Contacts: Richard Jones
Marguerite Drive West
RR #3, Box 8B Phone: (315) 697-3979
Canastota, NY 13032

Sample # 50616489 Project #: L1840 -114
Customer ID: Sample 10 - 06/21/95
Matrix: NPW, Int. COC Authorization: NES Canal Rd.

Test Name	Results	Units	Comment	Completed	Initials
1,2-Dichloropropane	<1	ug/l		06/23/95	KMG
1,3-Dichloropropane	<1	ug/l		06/23/95	KMG
2,2-Dichloropropane	<1	ug/l		06/23/95	KMG
1,1-Dichloropropene	<1	ug/l		06/23/95	KMG
Ethylbenzene	<1	ug/l		06/23/95	KMG
Isopropylbenzene (Cumene)	<1	ug/l		06/23/95	KMG
4-Isopropyltoluene (Cymene)	<1	ug/l		06/23/95	KMG
Hexachlorobutadiene	<1	ug/l		06/23/95	KMG
Methylene chloride	<1	ug/l		06/23/95	KMG
Naphthalene	<1	ug/l		06/23/95	KMG
n-Propylbenzene	<1	ug/l		06/23/95	KMG
Styrene	<1	ug/l		06/23/95	KMG
1,1,1,2-Tetrachloroethane	<1	ug/l		06/23/95	KMG
1,1,2,2-Tetrachloroethane	<1	ug/l		06/23/95	KMG
Tetrachloroethene	<1	ug/l		06/23/95	KMG
Toluene	<1	ug/l		06/23/95	KMG
1,2,3-Trichlorobenzene	<1	ug/l		06/23/95	KMG
1,2,4-Trichlorobenzene	<1	ug/l		06/23/95	KMG
1,1,1,-Trichloroethane	<1	ug/l		06/23/95	KMG
1,1,2-Trichloroethane	<1	ug/l		06/23/95	KMG
Trichloroethene	<1	ug/l		06/23/95	KMG
Trichlorofluoromethane	<1	ug/l		06/23/95	KMG
1,2,3-Trichloropropane	<1	ug/l		06/23/95	KMG
1,2,4-Trimethylbenzene	<1	ug/l		06/23/95	KMG
1,3,5-Trimethylbenzene	<1	ug/l		06/23/95	KMG
Vinyl chloride	<1	ug/l		06/23/95	KMG
o-Xylene	<1	ug/l		06/23/95	KMG
m-Xylene	<1	ug/l		06/23/95	KMG
p-Xylene	<1	ug/l		06/23/95	KMG

** SAMPLE ANALYSIS REPORT **

07/11/95

Northeast Environmental Services Contacts: Richard Jones
Marguerite Drive West
RR #3, Box 8B Phone: (315) 697-3979
Canastota, NY 13032

Sample # 50616490 Project #: L1840 -114
Customer ID: Sample 11 - 06/21/95
Matrix: NPW, Int. COC Authorization: NES Canal Rd.

Test Name	Results	Units	Comment	Completed	Initials
Arsenic, EPA 206.2	<0.01	mg/l		07/05/95	CRW
Barium, EPA 208.1	0.30	mg/l		06/23/95	KBB
Chromium, Total, EPA 218.1	<0.01	mg/l		07/05/95	KBB
Lead, EPA 239.2	<0.01	mg/l		07/10/95	CRW
Mercury, EPA 245.1	<0.0002	mg/l		06/26/95	KBB
Nickel, EPA 249.1	<0.02	mg/l		07/10/95	KBB
Metals Digestion, EPA 600/4-79	Batch	1487		06/22/95	KEK
EPA 8021 Volatiles					
Benzene	<1	ug/l		06/23/95	KMG
Bromobenzene	<1	ug/l		06/23/95	KMG
Bromochloromethane	<1	ug/l		06/23/95	KMG
Bromodichloromethane	<1	ug/l		06/23/95	KMG
Bromoform	<1	ug/l		06/23/95	KMG
Bromomethane	<1	ug/l		06/23/95	KMG
n-Butylbenzene	<1	ug/l		06/23/95	KMG
sec-Butylbenzene	<1	ug/l		06/23/95	KMG
tert-Butylbenzene	<1	ug/l		06/23/95	KMG
Carbon tetrachloride	<1	ug/l		06/23/95	KMG
Chlorobenzene	<1	ug/l		06/23/95	KMG
Chloroethane	<1	ug/l		06/23/95	KMG
Chloroform	1	ug/l		06/23/95	KMG
Chloromethane	<1	ug/l		06/23/95	KMG
2-Chlorotoluene	<1	ug/l		06/23/95	KMG
4-Chlorotoluene	<1	ug/l		06/23/95	KMG
Dibromochloromethane	<1	ug/l		06/23/95	KMG
1,2-Dibromo-3-chloropropane (DBCP)	<1	ug/l		06/23/95	KMG
1,2-Dibromoethane (EDB)	<1	ug/l		06/23/95	KMG
Dibromomethane	<1	ug/l		06/23/95	KMG
1,2-Dichlorobenzene	<1	ug/l		06/23/95	KMG
1,3-Dichlorobenzene	<1	ug/l		06/23/95	KMG
1,4-Dichlorobenzene	<1	ug/l		06/23/95	KMG
Dichlorodifluoromethane	<1	ug/l		06/23/95	KMG
1,1-Dichloroethane	<1	ug/l		06/23/95	KMG
1,2-Dichloroethane	<1	ug/l		06/23/95	KMG
1,1-Dichloroethene	<1	ug/l		06/23/95	KMG
cis-1,2-Dichloroethene	<1	ug/l		06/23/95	KMG
trans-1,2-Dichloroethene	<1	ug/l		06/23/95	KMG

** SAMPLE ANALYSIS REPORT **

07/11/95

Northeast Environmental Services Contacts: Richard Jones
Marguerite Drive West
RR #3, Box 8B Phone: (315) 697-3979
Canastota, NY 13032

Sample # 50616490 Project #: L1840 -114
Customer ID: Sample 11 - 06/21/95
Matrix: NPW, Int. COC Authorization: NES Canal Rd.

Test Name	Results	Units	Comment	Completed	Initials
1,2-Dichloropropane	<1	ug/l		06/23/95	KMG
1,3-Dichloropropane	<1	ug/l		06/23/95	KMG
2,2-Dichloropropane	<1	ug/l		06/23/95	KMG
1,1-Dichloropropene	<1	ug/l		06/23/95	KMG
Ethylbenzene	<1	ug/l		06/23/95	KMG
Isopropylbenzene (Cumene)	<1	ug/l		06/23/95	KMG
4-Isopropyltoluene (Cymene)	<1	ug/l		06/23/95	KMG
Hexachlorobutadiene	<1	ug/l		06/23/95	KMG
Methylene chloride	17	ug/l	a	06/23/95	KMG
Naphthalene	<1	ug/l		06/23/95	KMG
n-Propylbenzene	<1	ug/l		06/23/95	KMG
Styrene	<1	ug/l		06/23/95	KMG
1,1,1,2-Tetrachloroethane	<1	ug/l		06/23/95	KMG
1,1,2,2-Tetrachloroethane	<1	ug/l		06/23/95	KMG
Tetrachloroethene	<1	ug/l		06/23/95	KMG
Toluene	<1	ug/l		06/23/95	KMG
1,2,3-Trichlorobenzene	<1	ug/l		06/23/95	KMG
1,2,4-Trichlorobenzene	<1	ug/l		06/23/95	KMG
1,1,1,-Trichloroethane	<1	ug/l		06/23/95	KMG
1,1,2-Trichloroethane	<1	ug/l		06/23/95	KMG
Trichloroethene	<1	ug/l		06/23/95	KMG
Trichlorofluoromethane	<1	ug/l		06/23/95	KMG
1,2,3-Trichloropropane	<1	ug/l		06/23/95	KMG
1,2,4-Trimethylbenzene	<1	ug/l		06/23/95	KMG
1,3,5-Trimethylbenzene	<1	ug/l		06/23/95	KMG
Vinyl chloride	<1	ug/l		06/23/95	KMG
o-Xylene	<1	ug/l		06/23/95	KMG
m-Xylene	<1	ug/l		06/23/95	KMG
p-Xylene	<1	ug/l		06/23/95	KMG

a- This result has been blank corrected. Laboratory contamination is suspected.

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** SAMPLE ANALYSIS REPORT **

07/11/95

Northeast Environmental Services Contacts: Richard Jones
Marguerite Drive West
RR #3, Box 8B Phone: (315) 697-3979
Canastota, NY 13032

Sample # 50616491 Project #: L1840 -114
Customer ID: Sample 12 - 06/21/95
Matrix: NPW, Int. COC Authorization: NES Canal Rd.

Test Name	Results	Units	Comment	Completed	Initials
Arsenic, EPA 206.2	<0.01	mg/l		07/05/95	CRW
Barium, EPA 208.1	5.1	mg/l		06/23/95	KBB
Chromium, Total, EPA 218.1	<0.01	mg/l		07/05/95	KBB
Lead, EPA 239.2	<0.01	mg/l		07/10/95	CRW
Mercury, EPA 245.1	<0.0002	mg/l		06/26/95	KBB
Nickel, EPA 249.1	<0.02	mg/l		07/10/95	KBB
Metals Digestion, EPA 600/4-79	Batch	1487		06/22/95	KEK
EPA 8021 Volatiles					
Benzene	<20	ug/l		06/23/95	KMG
Bromobenzene	<20	ug/l		06/23/95	KMG
Bromochloromethane	<20	ug/l		06/23/95	KMG
Bromodichloromethane	<20	ug/l		06/23/95	KMG
Bromoform	<20	ug/l		06/23/95	KMG
Bromomethane	<20	ug/l		06/23/95	KMG
n-Butylbenzene	<20	ug/l		06/23/95	KMG
sec-Butylbenzene	<20	ug/l		06/23/95	KMG
tert-Butylbenzene	<20	ug/l		06/23/95	KMG
Carbon tetrachloride	<20	ug/l		06/23/95	KMG
Chlorobenzene	<20	ug/l		06/23/95	KMG
Chloroethane	<20	ug/l		06/23/95	KMG
Chloroform	<20	ug/l		06/23/95	KMG
Chloromethane	<20	ug/l		06/23/95	KMG
2-Chlorotoluene	<20	ug/l		06/23/95	KMG
4-Chlorotoluene	<20	ug/l		06/23/95	KMG
Dibromochloromethane	<20	ug/l		06/23/95	KMG
1,2-Dibromo-3-chloropropane (DBCP)	<20	ug/l		06/23/95	KMG
1,2-Dibromoethane (EDB)	<20	ug/l		06/23/95	KMG
Dibromomethane	<20	ug/l		06/23/95	KMG
1,2-Dichlorobenzene	<20	ug/l		06/23/95	KMG
1,3-Dichlorobenzene	<20	ug/l		06/23/95	KMG
1,4-Dichlorobenzene	<20	ug/l		06/23/95	KMG
Dichlorodifluoromethane	30	ug/l	a	06/23/95	KMG
1,1-Dichloroethane	170	ug/l		06/23/95	KMG
1,2-Dichloroethane	<20	ug/l		06/23/95	KMG
1,1-Dichloroethene	<20	ug/l		06/23/95	KMG
cis-1,2-Dichloroethene	510	ug/l		06/23/95	KMG
trans-1,2-Dichloroethene	<20	ug/l		06/23/95	KMG

** SAMPLE ANALYSIS REPORT **

07/11/95

Northeast Environmental Services Contacts: Richard Jones
Marguerite Drive West
RR #3, Box 8B Phone: (315) 697-3979
Canastota, NY 13032

Sample # 50616491 Project #: L1840 -114
Customer ID: Sample 12 - 06/21/95
Matrix: NPW, Int. COC Authorization: NES Canal Rd.

Test Name	Results	Units	Comment	Completed	Initials
1,2-Dichloropropane	<20	ug/l		06/23/95	KMG
1,3-Dichloropropane	<20	ug/l		06/23/95	KMG
2,2-Dichloropropane	<20	ug/l		06/23/95	KMG
1,1-Dichloropropene	<20	ug/l		06/23/95	KMG
Ethylbenzene	<20	ug/l		06/23/95	KMG
Isopropylbenzene (Cumene)	<20	ug/l		06/23/95	KMG
4-Isopropyltoluene (Cymene)	<20	ug/l		06/23/95	KMG
Hexachlorobutadiene	<20	ug/l		06/23/95	KMG
Methylene chloride	<20	ug/l	b	06/23/95	KMG
Naphthalene	<20	ug/l		06/23/95	KMG
n-Propylbenzene	<20	ug/l		06/23/95	KMG
Styrene	<20	ug/l		06/23/95	KMG
1,1,1,2-Tetrachloroethane	<20	ug/l		06/23/95	KMG
1,1,2,2-Tetrachloroethane	<20	ug/l		06/23/95	KMG
Tetrachloroethene	<20	ug/l		06/23/95	KMG
Toluene	<20	ug/l		06/23/95	KMG
1,2,3-Trichlorobenzene	<20	ug/l		06/23/95	KMG
1,2,4-Trichlorobenzene	<20	ug/l		06/23/95	KMG
1,1,1,-Trichloroethane	<20	ug/l		06/23/95	KMG
1,1,2-Trichloroethane	<20	ug/l		06/23/95	KMG
Trichloroethene	<20	ug/l		06/23/95	KMG
Trichlorofluoromethane	<20	ug/l		06/23/95	KMG
1,2,3-Trichloropropane	<20	ug/l		06/23/95	KMG
1,2,4-Trimethylbenzene	<20	ug/l		06/23/95	KMG
1,3,5-Trimethylbenzene	<20	ug/l		06/23/95	KMG
Vinyl chloride	120	ug/l	a	06/23/95	KMG
o-Xylene	<20	ug/l		06/23/95	KMG
m-Xylene	<20	ug/l		06/23/95	KMG
p-Xylene	<20	ug/l		06/23/95	KMG

a- Confirmed by GCMS.

b- This result has been blank corrected.

** SAMPLE ANALYSIS REPORT **

07/11/95

Northeast Environmental Services Contacts: Richard Jones
Marguerite Drive West
RR #3, Box 8B Phone: (315) 697-3979
Canastota, NY 13032

Sample # 50616492 Project #: L1840 -114
Customer ID: Sample 13 - 06/21/95
Matrix: NPW, Int. COC Authorization: NES Canal Rd.

Test Name	Results	Units	Comment	Completed	Initials
Arsenic, EPA 206.2	<0.01	mg/l		07/05/95	CRW
Barium, EPA 208.1	0.57	mg/l		06/23/95	KBB
Chromium, Total, EPA 218.1	<0.01	mg/l		07/05/95	KBB
Lead, EPA 239.2	<0.01	mg/l		07/10/95	CRW
Mercury, EPA 245.1	<0.0002	mg/l		06/26/95	KBB
Nickel, EPA 249.1	<0.02	mg/l		07/10/95	KBB
Metals Digestion, EPA 600/4-79	Batch	1487		06/22/95	KEK
EPA 8021 Volatiles					
Benzene	<1	ug/l		06/23/95	KMG
Bromobenzene	<1	ug/l		06/23/95	KMG
Bromochloromethane	<1	ug/l		06/23/95	KMG
Bromodichloromethane	<1	ug/l		06/23/95	KMG
Bromoform	<1	ug/l		06/23/95	KMG
Bromomethane	<1	ug/l		06/23/95	KMG
n-Butylbenzene	<1	ug/l		06/23/95	KMG
sec-Butylbenzene	<1	ug/l		06/23/95	KMG
tert-Butylbenzene	<1	ug/l		06/23/95	KMG
Carbon tetrachloride	<1	ug/l		06/23/95	KMG
Chlorobenzene	<1	ug/l		06/23/95	KMG
Chloroethane	<1	ug/l		06/23/95	KMG
Chloroform	<1	ug/l		06/23/95	KMG
Chloromethane	<1	ug/l		06/23/95	KMG
2-Chlorotoluene	<1	ug/l		06/23/95	KMG
4-Chlorotoluene	<1	ug/l		06/23/95	KMG
Dibromochloromethane	<1	ug/l		06/23/95	KMG
1,2-Dibromo-3-chloropropane (DBCP)	<1	ug/l		06/23/95	KMG
1,2-Dibromoethane (EDB)	<1	ug/l		06/23/95	KMG
Dibromomethane	<1	ug/l		06/23/95	KMG
1,2-Dichlorobenzene	<1	ug/l		06/23/95	KMG
1,3-Dichlorobenzene	<1	ug/l		06/23/95	KMG
1,4-Dichlorobenzene	<1	ug/l		06/23/95	KMG
Dichlorodifluoromethane	<1	ug/l		06/23/95	KMG
1,1-Dichloroethane	<1	ug/l		06/23/95	KMG
1,2-Dichloroethane	<1	ug/l		06/23/95	KMG
1,1-Dichloroethene	<1	ug/l		06/23/95	KMG
cis-1,2-Dichloroethene	<1	ug/l		06/23/95	KMG
trans-1,2-Dichloroethene	<1	ug/l		06/23/95	KMG

** SAMPLE ANALYSIS REPORT **

07/11/95

Northeast Environmental Services Contacts: Richard Jones
Marguerite Drive West
RR #3, Box 8B Phone: (315) 697-3979
Canastota, NY 13032

Sample # 50616492 Project #: L1840 -114
Customer ID: Sample 13 - 06/21/95
Matrix: NPW, Int. COC Authorization: NES Canal Rd.

Test Name	Results	Units	Comment	Completed	Initials
1,2-Dichloropropane	<1	ug/l		06/23/95	KMG
1,3-Dichloropropane	<1	ug/l		06/23/95	KMG
2,2-Dichloropropane	<1	ug/l		06/23/95	KMG
1,1-Dichloropropene	<1	ug/l		06/23/95	KMG
Ethylbenzene	<1	ug/l		06/23/95	KMG
Isopropylbenzene (Cumene)	<1	ug/l		06/23/95	KMG
4-Isopropyltoluene (Cymene)	<1	ug/l		06/23/95	KMG
Hexachlorobutadiene	<1	ug/l		06/23/95	KMG
Methylene chloride	15	ug/l	a	06/23/95	KMG
Naphthalene	<1	ug/l		06/23/95	KMG
n-Propylbenzene	<1	ug/l		06/23/95	KMG
Styrene	<1	ug/l		06/23/95	KMG
1,1,1,2-Tetrachloroethane	<1	ug/l		06/23/95	KMG
1,1,2,2-Tetrachloroethane	<1	ug/l		06/23/95	KMG
Tetrachloroethene	<1	ug/l		06/23/95	KMG
Toluene	<1	ug/l		06/23/95	KMG
1,2,3-Trichlorobenzene	<1	ug/l		06/23/95	KMG
1,2,4-Trichlorobenzene	<1	ug/l		06/23/95	KMG
1,1,1,-Trichloroethane	<1	ug/l		06/23/95	KMG
1,1,2-Trichloroethane	<1	ug/l		06/23/95	KMG
Trichloroethene	<1	ug/l		06/23/95	KMG
Trichlorofluoromethane	<1	ug/l		06/23/95	KMG
1,2,3-Trichloropropane	<1	ug/l		06/23/95	KMG
1,2,4-Trimethylbenzene	<1	ug/l		06/23/95	KMG
1,3,5-Trimethylbenzene	<1	ug/l		06/23/95	KMG
Vinyl chloride	43	ug/l	b	06/23/95	KMG
o-Xylene	<1	ug/l		06/23/95	KMG
m-Xylene	<1	ug/l		06/23/95	KMG
p-Xylene	<1	ug/l		06/23/95	KMG

a- This result has been blank corrected. Laboratory contamination is suspected.

b- Confirmed by GCMS.

** SAMPLE ANALYSIS REPORT **

07/11/95

Northeast Environmental Services Contacts: Richard Jones
Marguerite Drive West
RR #3, Box 8B Phone: (315) 697-3979
Canastota, NY 13032

Sample # 50616493 Project #: L1840 -114
Customer ID: Sample 14 - 06/21/95
Matrix: NPW, Int. COC Authorization: NES Canal Rd.

Test Name	Results	Units	Comment	Completed	Initials
Arsenic, EPA 206.2	<0.01	mg/l		07/05/95	CRW
Barium, EPA 208.1	0.74	mg/l		06/23/95	KBB
Chromium, Total, EPA 218.1	0.015	mg/l		07/05/95	KBB
Lead, EPA 239.2	<0.01	mg/l		07/10/95	CRW
Mercury, EPA 245.1	<0.0002	mg/l		06/26/95	KBB
Nickel, EPA 249.1	<0.02	mg/l		07/10/95	KBB
Metals Digestion, EPA 600/4-79	Batch	1487		06/22/95	KEK
EPA 8021 Volatiles					
Benzene	<1	ug/l		06/23/95	KMG
Bromobenzene	<1	ug/l		06/23/95	KMG
Bromochloromethane	<1	ug/l		06/23/95	KMG
Bromodichloromethane	<1	ug/l		06/23/95	KMG
Bromoform	<1	ug/l		06/23/95	KMG
Bromomethane	<1	ug/l		06/23/95	KMG
n-Butylbenzene	<1	ug/l		06/23/95	KMG
sec-Butylbenzene	<1	ug/l		06/23/95	KMG
tert-Butylbenzene	<1	ug/l		06/23/95	KMG
Carbon tetrachloride	<1	ug/l		06/23/95	KMG
Chlorobenzene	<1	ug/l		06/23/95	KMG
Chloroethane	<1	ug/l		06/23/95	KMG
Chloroform	<1	ug/l		06/23/95	KMG
Chloromethane	<1	ug/l		06/23/95	KMG
2-Chlorotoluene	<1	ug/l		06/23/95	KMG
4-Chlorotoluene	<1	ug/l		06/23/95	KMG
Dibromochloromethane	<1	ug/l		06/23/95	KMG
1,2-Dibromo-3-chloropropane (DBCP)	<1	ug/l		06/23/95	KMG
1,2-Dibromoethane (EDB)	<1	ug/l		06/23/95	KMG
Dibromomethane	<1	ug/l		06/23/95	KMG
1,2-Dichlorobenzene	<1	ug/l		06/23/95	KMG
1,3-Dichlorobenzene	<1	ug/l		06/23/95	KMG
1,4-Dichlorobenzene	<1	ug/l		06/23/95	KMG
Dichlorodifluoromethane	<1	ug/l		06/23/95	KMG
1,1-Dichloroethane	<1	ug/l		06/23/95	KMG
1,2-Dichloroethane	<1	ug/l		06/23/95	KMG
1,1-Dichloroethene	<1	ug/l		06/23/95	KMG
cis-1,2-Dichloroethene	<1	ug/l		06/23/95	KMG
trans-1,2-Dichloroethene	<1	ug/l		06/23/95	KMG

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** SAMPLE ANALYSIS REPORT **

07/11/95

Northeast Environmental Services Contacts: Richard Jones
Marguerite Drive West
RR #3, Box 8B Phone: (315) 697-3979
Canastota, NY 13032

Sample # 50616493 Project #: L1840 -114
Customer ID: Sample 14 - 06/21/95
Matrix: NPW, Int. COC Authorization: NES Canal Rd.

Test Name	Results	Units	Comment	Completed	Initials
1,2-Dichloropropane	<1	ug/l		06/23/95	KMG
1,3-Dichloropropane	<1	ug/l		06/23/95	KMG
2,2-Dichloropropane	<1	ug/l		06/23/95	KMG
1,1-Dichloropropene	<1	ug/l		06/23/95	KMG
Ethylbenzene	<1	ug/l		06/23/95	KMG
Isopropylbenzene (Cumene)	<1	ug/l		06/23/95	KMG
4-Isopropyltoluene (Cymene)	<1	ug/l		06/23/95	KMG
Hexachlorobutadiene	<1	ug/l		06/23/95	KMG
Methylene chloride	<1	ug/l		06/23/95	KMG
Naphthalene	<1	ug/l		06/23/95	KMG
n-Propylbenzene	<1	ug/l		06/23/95	KMG
Styrene	<1	ug/l		06/23/95	KMG
1,1,1,2-Tetrachloroethane	<1	ug/l		06/23/95	KMG
1,1,2,2-Tetrachloroethane	<1	ug/l		06/23/95	KMG
Tetrachloroethene	<1	ug/l		06/23/95	KMG
Toluene	<1	ug/l		06/23/95	KMG
1,2,3-Trichlorobenzene	<1	ug/l		06/23/95	KMG
1,2,4-Trichlorobenzene	<1	ug/l		06/23/95	KMG
1,1,1,-Trichloroethane	<1	ug/l		06/23/95	KMG
1,1,2-Trichloroethane	<1	ug/l		06/23/95	KMG
Trichloroethene	<1	ug/l		06/23/95	KMG
Trichlorofluoromethane	<1	ug/l		06/23/95	KMG
1,2,3-Trichloropropane	<1	ug/l		06/23/95	KMG
1,2,4-Trimethylbenzene	<1	ug/l		06/23/95	KMG
1,3,5-Trimethylbenzene	<1	ug/l		06/23/95	KMG
Vinyl chloride	<1	ug/l		06/23/95	KMG
o-Xylene	<1	ug/l		06/23/95	KMG
m-Xylene	<1	ug/l		06/23/95	KMG
p-Xylene	<1	ug/l		06/23/95	KMG

** SAMPLE ANALYSIS REPORT **

07/11/95

Northeast Environmental Services Contacts: Richard Jones
Marguerite Drive West
RR #3, Box 8B Phone: (315) 697-3979
Canastota, NY 13032

Sample # 50616494 Project #: L1840 -114
Customer ID: Sample 15 - 06/21/95
Matrix: NPW, Int. COC Authorization: NES Canal Rd.

Test Name	Results	Units	Comment	Completed	Initials
Arsenic, EPA 206.2	<0.01	mg/l		07/05/95	CRW
Barium, EPA 208.1	0.52	mg/l		06/23/95	KBB
Chromium, Total, EPA 218.1	0.019	mg/l		07/05/95	KBB
Lead, EPA 239.2	<0.01	mg/l		07/10/95	CRW
Mercury, EPA 245.1	<0.0002	mg/l		06/26/95	KBB
Nickel, EPA 249.1	0.022	mg/l		07/10/95	KBB
Metals Digestion, EPA 600/4-79	Batch	1487		06/22/95	KEK
EPA 8021 Volatiles					
Benzene	<1	ug/l		06/23/95	KMG
Bromobenzene	<1	ug/l		06/23/95	KMG
Bromochloromethane	<1	ug/l		06/23/95	KMG
Bromodichloromethane	<1	ug/l		06/23/95	KMG
Bromoform	<1	ug/l		06/23/95	KMG
Bromomethane	<1	ug/l		06/23/95	KMG
n-Butylbenzene	<1	ug/l		06/23/95	KMG
sec-Butylbenzene	<1	ug/l		06/23/95	KMG
tert-Butylbenzene	<1	ug/l		06/23/95	KMG
Carbon tetrachloride	<1	ug/l		06/23/95	KMG
Chlorobenzene	<1	ug/l		06/23/95	KMG
Chloroethane	<1	ug/l		06/23/95	KMG
Chloroform	<1	ug/l		06/23/95	KMG
Chloromethane	<1	ug/l		06/23/95	KMG
2-Chlorotoluene	<1	ug/l		06/23/95	KMG
4-Chlorotoluene	<1	ug/l		06/23/95	KMG
Dibromochloromethane	<1	ug/l		06/23/95	KMG
1,2-Dibromo-3-chloropropane (DBCP)	<1	ug/l		06/23/95	KMG
1,2-Dibromoethane (EDB)	<1	ug/l		06/23/95	KMG
Dibromomethane	<1	ug/l		06/23/95	KMG
1,2-Dichlorobenzene	<1	ug/l		06/23/95	KMG
1,3-Dichlorobenzene	<1	ug/l		06/23/95	KMG
1,4-Dichlorobenzene	<1	ug/l		06/23/95	KMG
Dichlorodifluoromethane	<1	ug/l		06/23/95	KMG
1,1-Dichloroethane	<1	ug/l		06/23/95	KMG
1,2-Dichloroethane	<1	ug/l		06/23/95	KMG
1,1-Dichloroethene	<1	ug/l		06/23/95	KMG
cis-1,2-Dichloroethene	<1	ug/l		06/23/95	KMG
trans-1,2-Dichloroethene	<1	ug/l		06/23/95	KMG

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** SAMPLE ANALYSIS REPORT **

07/11/95

Northeast Environmental Services Contacts: Richard Jones
Marguerite Drive West
RR #3, Box 8B Phone: (315) 697-3979
Canastota, NY 13032

Sample # 50616494 Project #: L1840 -114
Customer ID: Sample 15 - 06/21/95
Matrix: NPW, Int. COC Authorization: NES Canal Rd.

Test Name	Results	Units	Comment	Completed	Initials
1,2-Dichloropropane	<1	ug/l		06/23/95	KMG
1,3-Dichloropropane	<1	ug/l		06/23/95	KMG
2,2-Dichloropropane	<1	ug/l		06/23/95	KMG
1,1-Dichloropropene	<1	ug/l		06/23/95	KMG
Ethylbenzene	<1	ug/l		06/23/95	KMG
Isopropylbenzene (Cumene)	<1	ug/l		06/23/95	KMG
4-Isopropyltoluene (Cymene)	<1	ug/l		06/23/95	KMG
Hexachlorobutadiene	<1	ug/l		06/23/95	KMG
Methylene chloride	<1	ug/l	a	06/23/95	KMG
Naphthalene	<1	ug/l		06/23/95	KMG
n-Propylbenzene	<1	ug/l		06/23/95	KMG
Styrene	<1	ug/l		06/23/95	KMG
1,1,1,2-Tetrachloroethane	<1	ug/l		06/23/95	KMG
1,1,2,2-Tetrachloroethane	<1	ug/l		06/23/95	KMG
Tetrachloroethene	<1	ug/l		06/23/95	KMG
Toluene	<1	ug/l		06/23/95	KMG
1,2,3-Trichlorobenzene	<1	ug/l		06/23/95	KMG
1,2,4-Trichlorobenzene	<1	ug/l		06/23/95	KMG
1,1,1,-Trichloroethane	<1	ug/l		06/23/95	KMG
1,1,2-Trichloroethane	<1	ug/l		06/23/95	KMG
Trichloroethene	<1	ug/l		06/23/95	KMG
Trichlorofluoromethane	<1	ug/l		06/23/95	KMG
1,2,3-Trichloropropane	<1	ug/l		06/23/95	KMG
1,2,4-Trimethylbenzene	<1	ug/l		06/23/95	KMG
1,3,5-Trimethylbenzene	<1	ug/l		06/23/95	KMG
Vinyl chloride	<1	ug/l		06/23/95	KMG
o-Xylene	<1	ug/l		06/23/95	KMG
m-Xylene	<1	ug/l		06/23/95	KMG
p-Xylene	<1	ug/l		06/23/95	KMG

a- This result has been blank corrected.

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** SAMPLE ANALYSIS REPORT **

07/11/95

Northeast Environmental Services Contacts: Richard Jones
Marguerite Drive West
R #3, Box 8B Phone: (315) 697-3979
Canastota, NY 13032

Sample # 50616495 Project #: L1840 -114
Customer ID: FB - 06/21/95
Matrix: NPW, Int. COC Authorization: NES Canal Rd.

Test Name	Results	Units	Comment	Completed	Initials
Arsenic, EPA 206.2	<0.01	mg/l		07/05/95	CRW
Barium, EPA 208.1	<0.2	mg/l		06/23/95	KBB
Chromium, Total, EPA 218.1	<0.01	mg/l		07/05/95	KBB
Lead, EPA 239.2	<0.01	mg/l		07/10/95	CRW
Mercury, EPA 245.1	<0.0002	mg/l		06/26/95	KBB
Nickel, EPA 249.1	<0.02	mg/l		07/10/95	KBB
Metals Digestion, EPA 600/4-79	Batch	1487		06/22/95	KEK
EPA 8021 Volatiles					
Benzene	<1	ug/l		06/22/95	KMG
Bromobenzene	<1	ug/l		06/22/95	KMG
Bromochloromethane	<1	ug/l		06/22/95	KMG
Bromodichloromethane	<1	ug/l		06/22/95	KMG
Bromoform	<1	ug/l		06/22/95	KMG
Bromomethane	<1	ug/l		06/22/95	KMG
n-Butylbenzene	<1	ug/l		06/22/95	KMG
sec-Butylbenzene	<1	ug/l		06/22/95	KMG
tert-Butylbenzene	<1	ug/l		06/22/95	KMG
Carbon tetrachloride	<1	ug/l		06/22/95	KMG
Chlorobenzene	<1	ug/l		06/22/95	KMG
Chloroethane	<1	ug/l		06/22/95	KMG
Chloroform	<1	ug/l		06/22/95	KMG
Chloromethane	<1	ug/l		06/22/95	KMG
2-Chlorotoluene	<1	ug/l		06/22/95	KMG
4-Chlorotoluene	<1	ug/l		06/22/95	KMG
Dibromochloromethane	<1	ug/l		06/22/95	KMG
1,2-Dibromo-3-chloropropane (DBCP)	<1	ug/l		06/22/95	KMG
1,2-Dibromoethane (EDB)	<1	ug/l		06/22/95	KMG
Dibromomethane	<1	ug/l		06/22/95	KMG
1,2-Dichlorobenzene	<1	ug/l		06/22/95	KMG
1,3-Dichlorobenzene	<1	ug/l		06/22/95	KMG
1,4-Dichlorobenzene	<1	ug/l		06/22/95	KMG
Dichlorodifluoromethane	<1	ug/l		06/22/95	KMG
1,1-Dichloroethane	<1	ug/l		06/22/95	KMG
1,2-Dichloroethane	<1	ug/l		06/22/95	KMG
1,1-Dichloroethene	<1	ug/l		06/22/95	KMG
cis-1,2-Dichloroethene	<1	ug/l		06/22/95	KMG
trans-1,2-Dichloroethene	<1	ug/l		06/22/95	KMG

** SAMPLE ANALYSIS REPORT **

07/11/95

Northeast Environmental Services Contacts: Richard Jones
Marguerite Drive West
RR #3, Box 8B Phone: (315) 697-3979
Canastota, NY 13032

Sample # 50616495 Project #: L1840 -114
Customer ID: FB - 06/21/95
Matrix: NPW, Int. COC Authorization: NES Canal Rd.

Test Name	Results	Units	Comment	Completed	Initials
1,2-Dichloropropane	<1	ug/l		06/22/95	KMG
1,3-Dichloropropane	<1	ug/l		06/22/95	KMG
2,2-Dichloropropane	<1	ug/l		06/22/95	KMG
1,1-Dichloropropene	<1	ug/l		06/22/95	KMG
Ethylbenzene	<1	ug/l		06/22/95	KMG
Isopropylbenzene (Cumene)	<1	ug/l		06/22/95	KMG
4-Isopropyltoluene (Cymene)	<1	ug/l		06/22/95	KMG
Hexachlorobutadiene	<1	ug/l		06/22/95	KMG
Methylene chloride	<1	ug/l	a	06/22/95	KMG
Naphthalene	<1	ug/l		06/22/95	KMG
n-Propylbenzene	<1	ug/l		06/22/95	KMG
Styrene	<1	ug/l		06/22/95	KMG
1,1,1,2-Tetrachloroethane	<1	ug/l		06/22/95	KMG
1,1,2,2-Tetrachloroethane	<1	ug/l		06/22/95	KMG
Tetrachloroethene	<1	ug/l		06/22/95	KMG
Toluene	<1	ug/l		06/22/95	KMG
1,2,3-Trichlorobenzene	<1	ug/l		06/22/95	KMG
1,2,4-Trichlorobenzene	<1	ug/l		06/22/95	KMG
1,1,1,-Trichloroethane	<1	ug/l		06/22/95	KMG
1,1,2-Trichloroethane	<1	ug/l		06/22/95	KMG
Trichloroethene	<1	ug/l		06/22/95	KMG
Trichlorofluoromethane	<1	ug/l		06/22/95	KMG
1,2,3-Trichloropropane	<1	ug/l		06/22/95	KMG
1,2,4-Trimethylbenzene	<1	ug/l		06/22/95	KMG
1,3,5-Trimethylbenzene	<1	ug/l		06/22/95	KMG
Vinyl chloride	<1	ug/l		06/22/95	KMG
o-Xylene	<1	ug/l		06/22/95	KMG
m-Xylene	<1	ug/l		06/22/95	KMG
p-Xylene	<1	ug/l		06/22/95	KMG

a- This result has been blank corrected.

** SAMPLE ANALYSIS REPORT **

07/11/95

Northeast Environmental Services Contacts: Richard Jones
Marguerite Drive West
RR #3, Box 8B Phone: (315) 697-3979
Canastota, NY 13032

Sample # 50616496 Project #: L1840 -114
Customer ID: Trip Blank
Matrix: NPW, Int. COC Authorization: NES Canal Rd.

Test Name	Results	Units	Comment	Completed	Initials
EPA 8021 Volatiles					
Benzene	<1	ug/l		06/23/95	KMG
Bromobenzene	<1	ug/l		06/23/95	KMG
Bromochloromethane	<1	ug/l		06/23/95	KMG
Bromodichloromethane	<1	ug/l		06/23/95	KMG
Bromoform	<1	ug/l		06/23/95	KMG
Bromomethane	<1	ug/l		06/23/95	KMG
n-Butylbenzene	<1	ug/l		06/23/95	KMG
sec-Butylbenzene	<1	ug/l		06/23/95	KMG
tert-Butylbenzene	<1	ug/l		06/23/95	KMG
Carbon tetrachloride	<1	ug/l		06/23/95	KMG
Chlorobenzene	<1	ug/l		06/23/95	KMG
Chloroethane	<1	ug/l		06/23/95	KMG
Chloroform	<1	ug/l		06/23/95	KMG
Chloromethane	<1	ug/l		06/23/95	KMG
2-Chlorotoluene	<1	ug/l		06/23/95	KMG
4-Chlorotoluene	<1	ug/l		06/23/95	KMG
Dibromochloromethane	<1	ug/l		06/23/95	KMG
1,2-Dibromo-3-chloropropane (DBCP)	<1	ug/l		06/23/95	KMG
1,2-Dibromoethane (EDB)	<1	ug/l		06/23/95	KMG
Dibromomethane	<1	ug/l		06/23/95	KMG
1,2-Dichlorobenzene	<1	ug/l		06/23/95	KMG
1,3-Dichlorobenzene	<1	ug/l		06/23/95	KMG
1,4-Dichlorobenzene	<1	ug/l		06/23/95	KMG
Dichlorodifluoromethane	<1	ug/l		06/23/95	KMG
1,1-Dichloroethane	<1	ug/l		06/23/95	KMG
1,2-Dichloroethane	<1	ug/l		06/23/95	KMG
1,1-Dichloroethene	<1	ug/l		06/23/95	KMG
cis-1,2-Dichloroethene	<1	ug/l		06/23/95	KMG
trans-1,2-Dichloroethene	<1	ug/l		06/23/95	KMG
1,2-Dichloropropane	<1	ug/l		06/23/95	KMG
1,3-Dichloropropane	<1	ug/l		06/23/95	KMG
2,2-Dichloropropane	<1	ug/l		06/23/95	KMG
1,1-Dichloropropene	<1	ug/l		06/23/95	KMG
Ethylbenzene	<1	ug/l		06/23/95	KMG
Isopropylbenzene (Cumene)	<1	ug/l		06/23/95	KMG
4-Isopropyltoluene (Cymene)	<1	ug/l		06/23/95	KMG

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** SAMPLE ANALYSIS REPORT **

07/11/95

Northeast Environmental Services Contacts: Richard Jones
Marguerite Drive West
RR #3, Box 8B Phone: (315) 697-3979
Canastota, NY 13032

Sample # 50616496 Project #: L1840 -114
Customer ID: Trip Blank
Matrix: NPW, Int. COC Authorization: NES Canal Rd.

Test Name	Results	Units	Comment	Completed	Initials
Hexachlorobutadiene	<1	ug/l		06/23/95	KMG
Methylene chloride	<1	ug/l	a	06/23/95	KMG
Naphthalene	<1	ug/l		06/23/95	KMG
n-Propylbenzene	<1	ug/l		06/23/95	KMG
Styrene	<1	ug/l		06/23/95	KMG
1,1,1,2-Tetrachloroethane	<1	ug/l		06/23/95	KMG
1,1,2,2-Tetrachloroethane	<1	ug/l		06/23/95	KMG
Tetrachloroethene	<1	ug/l		06/23/95	KMG
Toluene	<1	ug/l		06/23/95	KMG
1,2,3-Trichlorobenzene	<1	ug/l		06/23/95	KMG
1,2,4-Trichlorobenzene	<1	ug/l		06/23/95	KMG
1,1,1,-Trichloroethane	<1	ug/l		06/23/95	KMG
1,1,2-Trichloroethane	<1	ug/l		06/23/95	KMG
Trichloroethene	<1	ug/l		06/23/95	KMG
Trichlorofluoromethane	<1	ug/l		06/23/95	KMG
1,2,3-Trichloropropane	<1	ug/l		06/23/95	KMG
1,2,4-Trimethylbenzene	<1	ug/l		06/23/95	KMG
1,3,5-Trimethylbenzene	<1	ug/l		06/23/95	KMG
Vinyl chloride	<1	ug/l		06/23/95	KMG
o-Xylene	<1	ug/l		06/23/95	KMG
m-Xylene	<1	ug/l		06/23/95	KMG
p-Xylene	<1	ug/l		06/23/95	KMG

a- This result has been blank corrected.

Sample # 50616497 Project #: L1840 -114
Customer ID: Duplicate - 06/21/95
Matrix: NPW, Int. COC Authorization: NES Canal Rd.

Test Name	Results	Units	Comment	Completed	Initials
Arsenic, EPA 206.2	<0.01	mg/l		07/05/95	CRW
Barium, EPA 208.1	0.35	mg/l		06/23/95	KBB
Chromium, Total, EPA 218.1	<0.01	mg/l		07/05/95	KBB
Lead, EPA 239.2	<0.01	mg/l		07/10/95	CRW

** SAMPLE ANALYSIS REPORT **

07/11/95

Northeast Environmental Services Contacts: Richard Jones
Marguerite Drive West
RR #3, Box 8B Phone: (315) 697-3979
Canastota, NY 13032

Sample # 50616497 Project #: L1840 -114
Customer ID: Duplicate - 06/21/95
Matrix: NPW, Int. COC Authorization: NES Canal Rd.

Test Name	Results	Units	Comment	Completed	Initials
Mercury, EPA 245.1	<0.0002	mg/l		06/26/95	KBB
Nickel, EPA 249.1	<0.02	mg/l		07/10/95	KBB
Metals Digestion, EPA 600/4-79	Batch	1487		06/22/95	KEK
EPA 8021 Volatiles					
Benzene	<1	ug/l		06/23/95	KMG
Bromobenzene	<1	ug/l		06/23/95	KMG
Bromochloromethane	<1	ug/l		06/23/95	KMG
Bromodichloromethane	<1	ug/l		06/23/95	KMG
Bromoform	<1	ug/l		06/23/95	KMG
Bromomethane	<1	ug/l		06/23/95	KMG
n-Butylbenzene	<1	ug/l		06/23/95	KMG
sec-Butylbenzene	<1	ug/l		06/23/95	KMG
tert-Butylbenzene	<1	ug/l		06/23/95	KMG
Carbon tetrachloride	<1	ug/l		06/23/95	KMG
Chlorobenzene	<1	ug/l		06/23/95	KMG
Chloroethane	<1	ug/l		06/23/95	KMG
Chloroform	<1	ug/l		06/23/95	KMG
Chloromethane	<1	ug/l		06/23/95	KMG
2-Chlorotoluene	<1	ug/l		06/23/95	KMG
4-Chlorotoluene	<1	ug/l		06/23/95	KMG
Dibromochloromethane	<1	ug/l		06/23/95	KMG
1,2-Dibromo-3-chloropropane (DBCP)	<1	ug/l		06/23/95	KMG
1,2-Dibromoethane (EDB)	<1	ug/l		06/23/95	KMG
Dibromomethane	<1	ug/l		06/23/95	KMG
1,2-Dichlorobenzene	<1	ug/l		06/23/95	KMG
1,3-Dichlorobenzene	<1	ug/l		06/23/95	KMG
1,4-Dichlorobenzene	<1	ug/l		06/23/95	KMG
Dichlorodifluoromethane	<1	ug/l		06/23/95	KMG
1,1-Dichloroethane	<1	ug/l		06/23/95	KMG
1,2-Dichloroethane	<1	ug/l		06/23/95	KMG
1,1-Dichloroethene	<1	ug/l		06/23/95	KMG
cis-1,2-Dichloroethene	<1	ug/l		06/23/95	KMG
trans-1,2-Dichloroethene	<1	ug/l		06/23/95	KMG
1,2-Dichloropropane	<1	ug/l		06/23/95	KMG
1,3-Dichloropropane	<1	ug/l		06/23/95	KMG
2,2-Dichloropropane	<1	ug/l		06/23/95	KMG
1,1-Dichloropropene	<1	ug/l		06/23/95	KMG

Life Science Laboratories, Inc
5854 Butternut Drive
East Syracuse, New York 13057
(315) 445-1105
NYS DOH ELAP NO. 10248

Page # 40

** SAMPLE ANALYSIS REPORT **

07/11/95

Northeast Environmental Services Contacts: Richard Jones
Marguerite Drive West
RR #3, Box 8B Phone: (315) 697-3979
Canastota, NY 13032

Sample # 50616497 Project #: L1840 -114
Customer ID: Duplicate - 06/21/95
Matrix: NPW, Int. COC Authorization: NES Canal Rd.

Test Name	Results	Units	Comment	Completed	Initials
Ethylbenzene	<1	ug/l		06/23/95	KMG
Isopropylbenzene (Cumene)	<1	ug/l		06/23/95	KMG
4-Isopropyltoluene (Cymene)	<1	ug/l		06/23/95	KMG
Hexachlorobutadiene	<1	ug/l		06/23/95	KMG
Methylene chloride	<1	ug/l		06/23/95	KMG
Naphthalene	<1	ug/l		06/23/95	KMG
n-Propylbenzene	<1	ug/l		06/23/95	KMG
Styrene	<1	ug/l		06/23/95	KMG
1,1,1,2-Tetrachloroethane	<1	ug/l		06/23/95	KMG
1,1,2,2-Tetrachloroethane	<1	ug/l		06/23/95	KMG
Tetrachloroethene	<1	ug/l		06/23/95	KMG
Toluene	<1	ug/l		06/23/95	KMG
1,2,3-Trichlorobenzene	<1	ug/l		06/23/95	KMG
1,2,4-Trichlorobenzene	<1	ug/l		06/23/95	KMG
1,1,1,-Trichloroethane	<1	ug/l		06/23/95	KMG
1,1,2-Trichloroethane	<1	ug/l		06/23/95	KMG
Trichloroethene	<1	ug/l		06/23/95	KMG
Trichlorofluoromethane	<1	ug/l		06/23/95	KMG
1,2,3-Trichloropropane	<1	ug/l		06/23/95	KMG
1,2,4-Trimethylbenzene	<1	ug/l		06/23/95	KMG
1,3,5-Trimethylbenzene	<1	ug/l		06/23/95	KMG
Vinyl chloride	<1	ug/l		06/23/95	KMG
o-Xylene	<1	ug/l		06/23/95	KMG
m-Xylene	<1	ug/l		06/23/95	KMG
p-Xylene	<1	ug/l		06/23/95	KMG



Life Science Laboratories, Inc.

Chain of Custody Record

5854 Butternut Drive
East Syracuse, NY 13057

Phone # (315) 445-1105

Telefax # (315) 445-1301

Contact Person:

LSL Project #:

Client: ENSA-NES

Phone # 607-3333

Beck

Address: Marguerite Drive West

Telefax # 607-3291

Tenness

Client's Site I.D.:

Causeway, NY 13032

NES, Inc. Causeway

Authorization:

Client's Project I.D.:

LSL Sample Number	Client's Sample Identification	Sample Date	Sample Time	Type	grab comp.	Matrix	Preserv. Added	Containers #	size/type	Analyses	Preserv. Check
50616410	Sample 1	6/20/95	9:26	✓		GC	Na_2SO_3	2	40ml/glass	EPDA 8021	
↓	Sample 1	6/20/95	9:26	✓			HNO_3	1	8/Passive	Merals	
411	Sample 2	6/20/95	10:31	✓			Na_2SO_3	2	40ml/glass	EPDA 8021	
↓	Sample 2	6/20/95	10:31	✓			HNO_3	1	8/Passive	Merals	
412	Sample 3		13:16	✓			Na_2SO_3	2	40ml/glass	EPDA 8021	
↓	Sample 3		13:16	✓			HNO_3	1	8/Passive	Merals	
413	Sample 4		13:52	✓			Na_2SO_3	2	40ml/glass	EPDA 8021	
↓	Sample 4		13:52	✓			HNO_3	1	8/Passive	Merals	
414	Sample 5		14:50	✓			Na_2SO_3	2	40ml/glass	EPDA 8021	
↓	Sample 5		14:50	✓			HNO_3	1	8/Passive	Merals	

Notes and Hazard identifications:

Custody Transfers

Containers Sent By: _____ Date: _____

Containers Received by: _____

Sampled By: _____ Received By: _____

Relinquished By: _____ Received By: _____

Relinquished By: _____ Received for Lab By: N. Drobot 6/20/95 4:50pm

Shipment Method: _____ Samples Received Intact: (X) N

Standard Turnaround Time
ANALYSIS LEVEL III ON ASD SIMULAN DATA
Reacts

Merals (As , Ba , Cr , Pb , Hg , Ni)



Life Science Laboratories, Inc.

Chain of Custody Record

5854 Butternut Drive
East Syracuse, NY 13057

Phone # (315) 445-1105

Telefax # (315) 445-1301

Contact Person:

LSL Project #:

Client: ENSA-NES

Phone # 697-3733

Rich

21840-114

Address: ARGENTINE Drive West
Route 6, Box 88

Telefax # 697-3291

Jones

Client's Site I.D.:

CANASTOTA, NY 13032

NES Canal Rd

Authorization:

Client's Project I.D.:

LSL Sample Number	Client's Sample Identifications	Sample Date	Sample Time	Type	grab comp.	Matrix	Preserv. Added	Containers #	size/type	Analyses	Preserv. Check
56616 415	FAB-6/20	6/20/95		✓		SOB	HNO ₃	1	plastic	METALS	
✓	FAB-6/20	6/20/95		✓		SOB	Na ₂ SO ₃	2	40ml/glass	EPA 8021	
416	TB-6/20	—	—	—	—	—	✓	6	✓	EPA 8021	
417	SAMPLES 6	6/20/95		✓		SW	Na ₂ SO ₃	2	✓	↓	
✓	SAMPLES 6	—		✓		—	HNO ₃	1	plastic	METALS	
418	SAMPLES 7	—		✓		—	Na ₂ SO ₃	2	40ml/glass	EPA 8021	
✓	SAMPLES 7	—		✓		—	HNO ₃	1	plastic	METALS	

Notes and Hazard identifications:

Custody Transfers

Containers Sent By:	Date:	Date	Time
---------------------	-------	------	------

Containers Received by:	Date:	Date	Time
-------------------------	-------	------	------

Sampled By:	Received By:	Date	Time
-------------	--------------	------	------

Relinquished By:	Received By:	Date	Time
------------------	--------------	------	------

Relinquished By:	Received for Lab By:	Date	Time
------------------	----------------------	------	------

Shipment Method:	Samples Received Intact:	Date	Time
------------------	--------------------------	------	------

STANDARD TURNAROUND TIME
ANALYSIS LEVEL III or ASD SIMILAR DATA
RESULTS

METALS (As, Ba, Cd, Pb, Hg, Ni)

Shipment Method:

Samples Received Intact:

①

N



Life Science Laboratories, Inc.

Chain of Custody Record

5854 Butternut Drive
East Syracuse, NY 13057

Phone # (315) 445-1105

Telefax # (315) 445-1301

Contact Person:

LSL Project #:

Client: ENSA-NES

Phone # 697-3733

John Jones

L1840-114

Address: Mattie, Box 813

Telefax # 697-3201

Jones

Client's Site I.D.:

NES Cause Rd

Canton, NY 13032

Authorization:

Client's Project I.D.:

LSL Sample Number	Client's Sample Identifications	Sample Date	Sample Time	Type		Matrix	Preserv. Added	Containers #	Containers size/type	Analyses	Preserv. Check
				grab	comp.						
50616487	Sample 8	6/21/95	9 ¹³	✓		GU	Na ₂ SO ₃	7	40ml/glass	EPAS 8021	
↓	Sample 8	6/21/95	9 ¹³	✓		1	HNO ₃	7	40ml/glass	Metals	
488	Sample 9	6/21/95	9 ²⁵	✓		1	Na ₂ SO ₃	2	40ml/glass	EPAS 8021	
↓	Sample 9	6/21/95	9 ²⁵	✓		1	HNO ₃	1	40ml/glass	Metals	
489	Sample 10	6/21/95	9 ⁵⁷	✓		1	Na ₂ SO ₃	2	40ml/glass	EPAS 8021	
↓	Sample 10	6/21/95	9 ⁵⁷	✓		1	HNO ₃	1	40ml/glass	Metals	
490	Sample 11	6/21/95	10 ³⁵	✓		1	Na ₂ SO ₃	2	40ml/glass	EPAS 8021	
↓	Sample 11	6/21/95	10 ³⁵	✓		1	HNO ₃	1	40ml/glass	Metals	
491	Sample 12	6/21/95	11 ⁰²	✓		1	Na ₂ SO ₃	2	40ml/glass	EPAS 8021	
↓	Sample 12	6/21/95	11 ⁰²	✓		1	HNO ₃	1	40ml/glass	Metals	

Notes and Hazard Identifications:

Custody Transfers

Containers	Date	Time
Sent By:	Date:	

STANDARD TRANSDUCER TUBE

HYDROCARBON II on ASDP SIMULAN

DATA RECORD

MEAS (As, Ba, Cr, Pb, Ni, Hg)

Received By:			
Received By:			
Received for Lab By:			
Samples Received Intact:	Y	N	



Life Sciences Laboratories, Inc.

5854 Butternut Drive

East Syracuse, NY 13057

Chain of Custody Record

Phone # (315) 445-1105

Telefax # (315) 445-1301

Contact Person:

USL Project #:

Client: ENSA - NES

Phone # 697-3733

Deux

L1840-114

Address: Marguerite Drive West
North 6, Box 818

Telefax # 697-3221

Jones

Client's Site I.D.:

Canastota, NY 13032

NES Canastota

Authorization:

Client's Project I.D.:

USL Sample Number

Client's Sample Identifications

Sample Date

Sample Time

Type grab comp.

Matrix

Preserv. Added

Containers # size/type

Analyses

Preserv. Check

50616492

Sample 13

6/24/95

13:32

✓

GU

Na₂SO₃

2

40ml / glass

EPRA 8021

↓

Sample 13

13:32

✓

1

HNO₃

1

40ml / glass

Mezars

493

Sample 14

14:05

✓

1

Na₂SO₃

2

40ml / glass

EPRA 8021

↓

Sample 14

14:05

✓

1

HNO₃

1

40ml / glass

Mezars

494

Sample 15

15:49

✓

1

Na₂SO₃

2

40ml / glass

EPRA 8021

↓

Sample 15

15:49

✓

1

HNO₃

1

40ml / glass

Mezars

Notes and Hazard identifications:

Containers

Custody Transfers

Date:

Time

Standard Turnaround Time

NYSOLC ~~at~~ Level III or ASO

Simultaneous Analysis

Mezars (As, Ba, Cr, Pb, Hg, Ni)

Sent By:

Date:

Date

Time

Containers Received by:

Received By:

Date

Time

Sampled By:

Received By:

Date

Time

Relinquished By:

Received By:

Date

Time

Relinquished By:

Received for Lab By:

Date

Time

Shipment Method:

Samples Received Intact:

Y

N

5854 Butternut Drive
East Syracuse, NY 13057

Chain of Custody Record

Phone # (315) 445-1105

Telefax # (315) 445-1301

Client: ENSA-NES

Phone # 697-3733

Address: MAGUENAT DRIVE WEST
NORTHGATE, Box 873

Telefax # 697-3291

CAUSTON, NY 13032

Contact Person:

ISI Project #:

Dick

711-07817

Jones

Client's Site I.D.:

MS
Caval D.D.

Authorization:

Client's Project I.D.:

LISL Sample Number	Client's Sample Identifications	Sample Date	Sample Time	Type		Matrix	Preserv. Added	Containers		Analyses	Preserv Check
				grab	comp.			#	size/type		
50616 495	FB-6/21	6/21/95	11:14	✓		—	$\text{Na}_2\text{S}_2\text{O}_3$	2	40ml/glass	EOA 8021	
↓	FB-6/21	6/21/95	11:14	✓		—	HNO_3	1	4flask	As, Ba, Cr, Pb, Hg, Ni	
496	FB-6/21	—	—	—	—	—	$\text{Na}_2\text{S}_2\text{O}_3$	2	40ml/glass	EOA 8021	
497	Duplicate	6/21/95	10:35	✓		GW	$\text{Na}_2\text{S}_2\text{O}_3$	2	40ml/glass	EPA 8021	
↓	Duplicate	6/21/95	10:35	✓		GW	HNO_3	1	1170ml/plastic	As, Ba, Cr, Pb, Hg, Ni	

Notes and Hazard identifications:

Custody Transfers

STANDARD TURNAROUND TIME

MYCOSIS LESION III are ASD SIMILAR

DATA Ratings

Containers
Sent By:

Date:

Date _____

Time

Containers
Received by:

Sampled By:

Received By:

Relinquished By:

Received By:

Relinquished By:

1 for Lab By:

Shipment Method:

Samples Received Intact:

 λ $\mathbb{Z}$

APPENDIX 6

QA/QC DATA PACKAGE
NORTHEAST ENVIRONMENTAL SERVICES, INC.
SEMI-ANNUAL REPORT 1995



2006-2010

SAMPLE ANALYSIS REPORT

L1840-115

LSL Project No.

John H. Jones

Reviewed By

7/24/95

Date

Life Science Laboratories, Inc. warrants, to the best of its knowledge and belief, the accuracy of the analytical test results contained in this report, but makes no other warranty, expressed or implied, especially no warranties of merchantability or fitness for a particular purpose. By Client's acceptance and/or use of this report, Client agrees that LSL is hereby released from any and all liabilities, claims, damages or causes of action affecting or which may affect Client as regards to the results contained in this report. Client further agrees that the only remedy available to Client in the event of proven non-conformity with the above warranty shall be for LSL to re-perform the analytical test(s) at no charge to Client.

The data contained in this report are for the exclusive use of the Client to whom it is addressed, and the release of these data to any other party, or the use of the name, trademark or service mark of Life Science Laboratories, Inc. especially for the use of advertising to the general public, is strictly prohibited without the express prior written consent of Life Science Laboratories, Inc.

LIFE SCIENCE LABORATORIES, INC.

5854 Butternut Drive, East Syracuse, New York 13057 Telephone: (315) 445-1105 Fax: (315) 445-1301

Inorganics Analysis Data Package

Life Science Laboratories, Inc.

ELAP # 10248

Project # L1840-114

SAMPLE ID LOG

Inorganics Analysis Data Package

Life Science Laboratories, Inc.

ELAP # 10248

Project # L1840-114

SAMPLE ID LOG

Inorganics Analysis Data Package

Life Science Laboratories, Inc.

ELAP # 10248

Project # L1840-114

SAMPLE ID LOG

Inorganics Analysis Data Package

Life Science Laboratories, Inc.

ELAP # 10248

Project # L1840-114

SAMPLE ID LOG

Inorganics Analysis Data Package

Life Science Laboratories, Inc.

ELAP # 10248

Project # L1840-114

SAMPLE ID LOG

[illegible]

Life Science Laboratories, Inc.

LSL ID # 50616410

Client ID	Sample 1
-----------	----------

[illegible]

Life Science Laboratories, Inc.

LSL ID # 50616411

Client ID Sample 2

[illegible]

Life Science Laboratories, Inc.

LSL ID # 50616412

Client ID Sample 3

[illegible]

Life Science Laboratories, Inc.

LSL ID # 50616413

Client ID Sample 4

[illegible]

Life Science Laboratories, Inc.

LSL ID # 50616414

Client ID Sample 5

[illegible]

Life Science Laboratories, Inc.

LSL ID # 50616415

Client ID	Field Blank
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[illegible]

Life Science Laboratories, Inc.

LSL ID # 50616417

Client ID Sample 6

[illegible]

Life Science Laboratories, Inc.

LSL ID # 50616418

Client ID Sample 7

[illegible]

Inorganics Analysis Data Package			
Life Science Laboratories, Inc.			
ELAP # 10248	LSL ID #	50616487	
Project # L1840-114	Client ID	Sample 8	
ANALYTICAL RESULTS			

Inorganics Analysis Data Package			
Life Science Laboratories, Inc.			
ELAP # 10248	LSL ID #	50616487	
Project # L1840-114	Client ID	Sample 8	
ANALYTICAL RESULTS			

Inorganics Analysis Data Package			
Life Science Laboratories, Inc.			
ELAP # 10248	LSL ID #	50616487	
Project # L1840-114	Client ID	Sample 8	
ANALYTICAL RESULTS			

Inorganics Analysis Data Package			
Life Science Laboratories, Inc.			
ELAP # 10248	LSL ID #	50616487	
Project # L1840-114	Client ID	Sample 8	
ANALYTICAL RESULTS			

Inorganics Analysis Data Package			
Life Science Laboratories, Inc.			
ELAP # 10248	LSL ID #	50616487	
Project # L1840-114	Client ID	Sample 8	
ANALYTICAL RESULTS			

Inorganics Analysis Data Package			
Life Science Laboratories, Inc.			
ELAP # 10248	LSL ID #	50616487	
Project # L1840-114	Client ID	Sample 8	
ANALYTICAL RESULTS			

Inorganics Analysis Data Package			
Life Science Laboratories, Inc.			
ELAP # 10248	LSL ID #	50616487	
Project # L1840-114	Client ID	Sample 8	
ANALYTICAL RESULTS			

[illegible]

Life Science Laboratories, Inc.

LSL ID 50616488

Client ID Sample 9

[illegible]

Life Science Laboratories, Inc.

LSL ID # 50616489

Client ID Sample 10

[illegible]

Life Science Laboratories, Inc.

LSL ID # 50616490

Client ID Sample 11

[illegible]

Life Science Laboratories, Inc.

LSL ID # 50616491

Client ID Sample 12

[illegible]

Life Science Laboratories, Inc.

LSL ID # 50616492

Client ID Sample 13

[illegible]

Life Science Laboratories, Inc.

LSL ID # 50616493

Client ID Sample 14

[illegible]

Life Science Laboratories, Inc.

LSL ID # 50616494

Client ID Sample 15

[illegible]

Life Science Laboratories, Inc.

LSL ID # 50616495

Client ID	Field Blank
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[illegible]

Life Science Laboratories, Inc.

LSL ID # 50616497

Client ID	Duplicate
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[illegible]

Inorganics Analysis Data Package

Life Science Laboratories, Inc.

ELAP # 10248

Project # L1840-114

Calibration Verification

Inorganics Analysis Data Package

Life Science Laboratories, Inc.

ELAP # 10248

Project # L1840-114

Calibration Verification

Inorganics Analysis Data Package

Life Science Laboratories, Inc.

ELAP # 10248

Project # L1840-114

Calibration Verification

Inorganics Analysis Data Package

Life Science Laboratories, Inc.

ELAP # 10248

Project # L1840-114

Calibration Verification

Inorganics Analysis Data Package

Life Science Laboratories, Inc.

ELAP # 10248

Project # L1840-114

Calibration Verification

[illegible]

Life Science Laboratories, Inc.

Project # L1840-114

[illegible]

Inorganics Analysis Data Package

Life Science Laboratories, Inc.

ELAP # 10248

Project # L1840-114

Calibration Verification

Inorganics Analysis Data Package

Life Science Laboratories, Inc.

ELAP # 10248

Project # L1840-114

Calibration Verification

Inorganics Analysis Data Package

Life Science Laboratories, Inc.

ELAP # 10248

Project # L1840-114

Calibration Verification

Inorganics Analysis Data Package

Life Science Laboratories, Inc.

ELAP # 10248

Project # L1840-114

Calibration Verification

Inorganics Analysis Data Package

Life Science Laboratories, Inc.

ELAP # 10248

Project # L1840-114

Calibration Verification

[illegible]

Inorganics Analysis Data Package

Life Science Laboratories, Inc.

ELAP # 10248

Project # L1840-114

Blanks

Inorganics Analysis Data Package

Life Science Laboratories, Inc.

ELAP # 10248

Project # L1840-114

Blanks

Inorganics Analysis Data Package

Life Science Laboratories, Inc.

ELAP # 10248

Project # L1840-114

Blanks

Inorganics Analysis Data Package

Life Science Laboratories, Inc.

ELAP # 10248

Project # L1840-114

Blanks

Inorganics Analysis Data Package

Life Science Laboratories, Inc.

ELAP # 10248

Project # L1840-114

Blanks

[illegible]

Life Science Laboratories, Inc.

Project # L1840-114

Blanks

[illegible]

Inorganics Analysis Data Package

Life Science Laboratories, Inc.

ELAP # 10248

Project # L1840-114

Blanks

Inorganics Analysis Data Package

Life Science Laboratories, Inc.

ELAP # 10248

Project # L1840-114

Blanks

Inorganics Analysis Data Package

Life Science Laboratories, Inc.

ELAP # 10248

Project # L1840-114

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[illegible]

Life Science Laboratories, Inc.

LSL ID # 50616410

Client ID	Sample 1
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[illegible]

Life Science Laboratories, Inc.

LSL ID # 50616489

Client ID Sample 10

[illegible]

Life Science Laboratories, Inc.

LSL ID # 50616410

Client ID # Sample 1

[illegible]

ND - Not detected

Life Science Laboratories, Inc.

LSL ID # 50616411

Client ID # Sample 2

[illegible]

ND-Not detected

Life Science Laboratories, Inc.

LSL ID # 50616489

Client ID # Sample 10

[illegible]

ND - Not detected



SAMPLE ANALYSIS REPORT

JUL 20 1995

L1840-115

LSL Project No.

Jack Mancuso QDO

Reviewed By

7/18/95

Date

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LIFE SCIENCE LABORATORIES, INC.

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Organic Analysis Data Package Cover Page

Life Science Laboratories, Inc.
EPA 8021

Project # L1840-114

ELAP # 10248

Report Date: 7/7/95

LSL ID #	Client ID #	Date of Sampling	Date of Analysis
50616410	Sample 1	6/20/95	6/22/95
50616411	Sample 2	6/20/95	6/22/95
50616412	Sample 3	6/20/95	6/22/95
50616413	Sample 4	6/20/95	6/22/95
50616414	Sample 5	6/20/95	6/22/95
50616415	FB-6/20	6/20/95	6/22/95
50616416	TB-6/20	6/20/95	6/22/95
50616417	Sample 6	6/20/95	6/22/95
50616418	Sample 7	6/20/95	6/22/95
50616487	Sample 8	6/21/95	6/23/95
50616488	Sample 9	6/21/95	6/23/95
50616489	Sample 10	6/21/95	6/22/95
50616490	Sample 11	6/21/95	6/23/95
50616491	Sample 12	6/21/95	6/23/95
50616492	Sample 13	6/21/95	6/23/95
50616493	Sample 14	6/21/95	6/23/95
50616494	Sample 15	6/21/95	6/23/95
50616495	FB-6/21	6/21/95	6/22/95
50616496	TB-6/21	6/21/95	6/23/95
50616497	Duplicate	6/21/95	6/23/95

Organic Analysis Data Package

Life Science Laboratories, Inc.
EPA 8021

Project # L1840-114

ELAP # 10248

RESULTS -- ORGANICS

	LSL ID	50616410	50616411	50616412	50616413	50616414	50616415	50616416
	Client ID	Sample 1	Sample 2	Sample 3	Sample 4	Sample 5	FB-6/20	TB-6/20
Compound	Units:	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
Benzene		<1	<1	<1	<1	<1	<1	<1
Bromobenzene		<1	<1	<1	<1	<1	<1	<1
Bromochloromethane		<1	<1	<1	<1	<1	<1	<1
Bromodichloromethane		<1	<1	<1	<1	<1	<1	<1
Bromoform		<1	<1	<1	<1	<1	<1	<1
Bromomethane		<1	<1	<1	<1	<1	<1	<1
n-Butylbenzene		<1	<1	<1	<1	<1	<1	<1
sec-Butylbenzene		<1	<1	<1	<1	<1	<1	<1
tert-Butylbenzene		<1	<1	<1	<1	<1	<1	<1
Carbon tetrachloride		<1	<1	<1	<1	<1	<1	<1
Chlorobenzene		<1	<1	<1	<1	<1	<1	<1
Chloroethane		<1	<1	<1	<1	<1	<1	<1
Chloroform		<1	<1	<1	<1	<1	<1	<1
Chloromethane		<1	<1	<1	<1	<1	<1	<1
2-Chlorotoluene		<1	<1	<1	<1	<1	<1	<1
4-Chlorotoluene		<1	<1	<1	<1	<1	<1	<1
Dibromochloromethane		<1	<1	<1	<1	<1	<1	<1
1,2-Dibromo-3-chloropropane		<1	<1	<1	<1	<1	<1	<1
1,2-Dibromoethane		<1	<1	<1	<1	<1	<1	<1
Dibromomethane		<1	<1	<1	<1	<1	<1	<1
1,2-Dichlorobenzene		<1	<1	<1	<1	<1	<1	<1
1,3-Dichlorobenzene		<1	<1	<1	<1	<1	<1	<1
1,4-Dichlorobenzene		<1	<1	<1	<1	<1	<1	<1
Dichlorodifluoromethane		<1	<1	<1	<1	<1	<1	<1
1,1-Dichloroethane		<1	<1	<1	<1	<1	<1	<1
1,2-Dichloroethane		<1	<1	<1	<1	<1	<1	<1
1,1-Dichloroethene		<1	<1	<1	<1	<1	<1	<1
cis-1,2-Dichloroethene		<1	<1	<1	<1	<1	<1	<1
trans-1,2-Dichloroethene		<1	<1	<1	<1	<1	<1	<1
1,2-Dichloropropane		<1	<1	<1	<1	<1	<1	<1
1,3-Dichloropropane		<1	<1	<1	<1	<1	<1	<1
2,2-Dichloropropane		<1	<1	<1	<1	<1	<1	<1
1,1-Dichloropropene		<1	<1	<1	<1	<1	<1	<1
Ethylbenzene		<1	<1	<1	<1	<1	<1	<1
Isopropylbenzene(Cumene)		<1	<1	<1	<1	<1	<1	<1
4-Isopropyltoluene(Cymene)		<1	<1	<1	<1	<1	<1	<1
Hexachlorobutadiene		<1	<1	<1	<1	<1	<1	<1
Methylene chloride		<1*	<1*	<1*	<1*	<1*	<1*	<1
Naphthalene		<1	<1	<1	<1	<1	<1	<1
n-Propylbenzene		<1	<1	<1	<1	<1	<1	<1
Styrene		<1	<1	<1	<1	<1	<1	<1
1,1,1,2-Tetrachloroethane		<1	<1	<1	<1	<1	<1	<1
1,1,1,2-Tetrachloroethane		<1	<1	<1	<1	<1	<1	<1
Tetrachloroethene		<1	<1	<1	<1	<1	<1	<1
Toluene		<1	<1	<1	<1	<1	<1	<1
1,2,3-Trichlorobenzene		<1	<1	<1	<1	<1	<1	<1
1,2,4-Trichlorobenzene		<1	<1	<1	<1	<1	<1	<1
1,1,1-Trichloroethane		<1	<1	<1	<1	<1	<1	<1
1,1,2-Trichloroethane		<1	<1	<1	<1	<1	<1	<1
Trichloroethene		<1	<1	<1	<1	<1	<1	<1
Trichlorofluoromethane		<1	<1	<1	<1	<1	<1	<1
1,2,3-Trichloropropane		<1	<1	<1	<1	<1	<1	<1
1,2,4-Trimethylbenzene		<1	<1	<1	<1	<1	<1	<1
1,3,5-Trimethylbenzene		<1	<1	<1	<1	<1	<1	<1
Vinyl chloride		<1	<1	<1	<1	<1	<1	<1
o-Xylene		<1	<1	<1	<1	<1	<1	<1
m-Xylene		<1	<1	<1	<1	<1	<1	<1
p-Xylene		<1	<1	<1	<1	<1	<1	<1

* Blank corrected.

Organic Analysis Data Package

Life Science Laboratories, Inc.
EPA: 8021

Project # L1840-114

ELAP # 10248

RESULTS -- ORGANICS

LSL ID	50616417	50616418	50616487	50616488	50616489	50616490	50616491
Client ID	Sample 6	Sample 7	Sample 8	Sample 9	Sample 10	Sample 11	Sample 12
Compound	Units:	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
Benzene		<1	<1	<1	<5	<1	<20
Bromobenzene		<1	<1	<1	<5	<1	<20
Bromochloromethane		<1	<1	<1	<5	<1	<20
Bromodichloromethane		<1	<1	<1	<5	<1	<20
Bromoform		<1	<1	<1	<5	<1	<20
Bromomethane		<1	<1	<1	<5	<1	<20
n-Butylbenzene		<1	<1	<1	<5	<1	<20
sec-Butylbenzene		<1	<1	<1	<5	<1	<20
tert-Butylbenzene		<1	<1	<1	<5	<1	<20
Carbon tetrachloride		<1	<1	<1	<5	<1	<20
Chlorobenzene		<1	<1	<1	<5	<1	<20
Chloroethane		<1	43	<1	<5	<1	<20
Chloroform		<1	<1	<1	<5	1	<20
Chloromethane		<1	<1	<1	<5	<1	<20
2-Chlorotoluene		<1	<1	<1	<5	<1	<20
4-Chlorotoluene		<1	<1	<1	<5	<1	<20
Dibromochloromethane		<1	<1	<1	<5	<1	<20
1,2-Dibromo-3-chloropropane		<1	<1	<1	<5	<1	<20
1,2-Dibromoethane		<1	<1	<1	<5	<1	<20
Dibromomethane		<1	<1	<1	<5	<1	<20
1,2-Dichlorobenzene		<1	<1	<1	<5	<1	<20
1,3-Dichlorobenzene		<1	<1	<1	<5	<1	<20
1,4-Dichlorobenzene		<1	<1	<1	<5	<1	<20
Dichlorodifluoromethane		<1	<1	<1	<5	<1	30
1,1-Dichloroethane		<1	<1	<1	<5	<1	170
1,2-Dichloroethane		<1	<1	<1	<5	<1	<20
1,1-Dichloroethene		<1	<1	<1	<5	<1	<20
cis-1,2-Dichloroethene		1.1	<1	<1	<5	<1	<20
trans-1,2-Dichloroethene		<1	<1	<1	<5	<1	<20
1,2-Dichloropropane		<1	<1	<1	<5	<1	<20
1,3-Dichloropropane		<1	<1	<1	<5	<1	<20
2,2-Dichloropropane		<1	<1	<1	<5	<1	<20
1,1-Dichloropropene		<1	<1	<1	<5	<1	<20
Ethylbenzene		<1	<1	<1	<5	<1	<20
Isopropylbenzene(Cumene)		<1	<1	<1	<5	<1	<20
1-Isopropyltoluene(Cymene)		<1	<1	<1	<5	<1	<20
Hexachlorobutadiene		<1	<1	<1	<5	<1	<20
Methylene chloride		<1*	<1	<1*	<5*	17*	<20*
Naphthalene		<1	<1	<1	<5	<1	<20
n-Propylbenzene		<1	<1	<1	<5	<1	<20
Styrene		<1	<1	<1	<5	<1	<20
1,1,1,2-Tetrachloroethane		<1	<1	<1	<5	<1	<20
1,1,2,2-Tetrachloroethane		<1	<1	<1	<5	<1	<20
Tetrachloroethene		<1	<1	<1	<5	<1	<20
Toluene		<1	<1	<1	<5	<1	<20
1,2,3-Trichlorobenzene		<1	<1	<1	<5	<1	<20
1,2,4-Trichlorobenzene		<1	<1	<1	<5	<1	<20
1,1,1-Trichloroethane		<1	<1	<1	<5	<1	<20
1,1,2-Trichloroethane		<1	<1	<1	<5	<1	<20
Trichloroethene		<1	<1	<1	<5	<1	<20
Trichlorofluoromethane		<1	<1	<1	<5	<1	<20
1,2,3-Trichloropropane		<1	<1	<1	<5	<1	<20
1,2,4-Trimethylbenzene		<1	<1	<1	<5	<1	<20
1,3,5-Trimethylbenzene		<1	<1	<1	<5	<1	<20
Vinyl chloride		<1	<1	<1	190	<1	120
o-Xylene		<1	<1	<1	<5	<1	<20
m-Xylene		<1	<1	<1	<5	<1	<20
p-Xylene		<1	<1	<1	<5	<1	<20

Blank corrected.

Organic Analysis Data Package

Life Science Laboratories, Inc.
EPA 8021

Project # L1840-114

ELAP # 10248

RESULTS -- ORGANICS

LSL ID	50616492	50616493	50616494	50616495	50616496	50616497
Client ID	Sample 13	Sample 14	Sample 15	FB-6/21	TB-6/21	Duplicate
Compound	Units:	UG/L	UG/L	UG/L	UG/L	UG/L
Benzene		<1	<1	<1	<1	<1
Bromobenzene		<1	<1	<1	<1	<1
Bromochloromethane		<1	<1	<1	<1	<1
Bromodichloromethane		<1	<1	<1	<1	<1
Bromoform		<1	<1	<1	<1	<1
Bromomethane		<1	<1	<1	<1	<1
n-Butylbenzene		<1	<1	<1	<1	<1
sec-Butylbenzene		<1	<1	<1	<1	<1
tert-Butylbenzene		<1	<1	<1	<1	<1
Carbon tetrachloride		<1	<1	<1	<1	<1
Chlorobenzene		<1	<1	<1	<1	<1
Chloroethane		<1	<1	<1	<1	<1
Chloroform		<1	<1	<1	<1	<1
Chloromethane		<1	<1	<1	<1	<1
2-Chlorotoluene		<1	<1	<1	<1	<1
4-Chlorotoluene		<1	<1	<1	<1	<1
Dibromochloromethane		<1	<1	<1	<1	<1
1,2-Dibromo-3-chloropropane		<1	<1	<1	<1	<1
1,2-Dibromoethane		<1	<1	<1	<1	<1
Dibromomethane		<1	<1	<1	<1	<1
1,2-Dichlorobenzene		<1	<1	<1	<1	<1
1,3-Dichlorobenzene		<1	<1	<1	<1	<1
1,4-Dichlorobenzene		<1	<1	<1	<1	<1
Dichlorodifluoromethane		<1	<1	<1	<1	<1
1,1-Dichloroethane		<1	<1	<1	<1	<1
1,2-Dichloroethane		<1	<1	<1	<1	<1
1,1-Dichloroethene		<1	<1	<1	<1	<1
cis-1,2-Dichloroethene		<1	<1	<1	<1	<1
trans-1,2-Dichloroethene		<1	<1	<1	<1	<1
1,2-Dichloropropane		<1	<1	<1	<1	<1
1,3-Dichloropropane		<1	<1	<1	<1	<1
2,2-Dichloropropane		<1	<1	<1	<1	<1
1,1-Dichloropropene		<1	<1	<1	<1	<1
Ethylbenzene		<1	<1	<1	<1	<1
Isopropylbenzene(Cumene)		<1	<1	<1	<1	<1
4-Isopropyltoluene(Cymene)		<1	<1	<1	<1	<1
Hexachlorobutadiene		<1	<1	<1	<1	<1
Methylene chloride		15*	<1	<1*	<1*	<1
Naphthalene		<1	<1	<1	<1	<1
n-Propylbenzene		<1	<1	<1	<1	<1
Styrene		<1	<1	<1	<1	<1
1,1,1,2-Tetrachloroethane		<1	<1	<1	<1	<1
1,1,2,2-Tetrachloroethane		<1	<1	<1	<1	<1
Tetrachloroethene		<1	<1	<1	<1	<1
Toluene		<1	<1	<1	<1	<1
1,2,3-Trichlorobenzene		<1	<1	<1	<1	<1
1,2,4-Trichlorobenzene		<1	<1	<1	<1	<1
1,1,1-Trichloroethane		<1	<1	<1	<1	<1
1,1,2-Trichloroethane		<1	<1	<1	<1	<1
Trichloroethene		<1	<1	<1	<1	<1
Trichlorofluoromethane		<1	<1	<1	<1	<1
1,2,3-Trichloropropane		<1	<1	<1	<1	<1
1,2,4-Trimethylbenzene		<1	<1	<1	<1	<1
1,3,5-Trimethylbenzene		<1	<1	<1	<1	<1
Vinyl chloride		43	<1	<1	<1	<1
o-Xylene		<1	<1	<1	<1	<1
m-Xylene		<1	<1	<1	<1	<1
p-Xylene		<1	<1	<1	<1	<1

* Blank corrected.

Organic Analysis Data Package

Life Science Laboratories, Inc.

Project # L1840-114

ELAP # 10248

EPA 8021

BLANKS -- ORGANICS

	Method Blank	Method Blank	Method Blank	Method Blank	Method Blank
ID.	VBLK0622A	VBLK0623A	VBLK0623B	VBLK0627A	VBLK0628C
Analyzed:	6/22/95	6/23/95	6/23/95	6/27/95	6/28/95
Units:	UG/L	UG/L	UG/L	UG/L	UG/L
Compound					
Benzene	<1	<1	<1	<1	<1
Bromobenzene	<1	<1	<1	<1	<1
Bromochloromethane	<1	<1	<1	<1	<1
Bromodichloromethane	<1	<1	<1	<1	<1
Bromoform	<1	<1	<1	<1	<1
Bromomethane	<1	<1	<1	<1	<1
n-Butylbenzene	<1	<1	<1	<1	<1
sec-Butylbenzene	<1	<1	<1	<1	<1
tert-Butylbenzene	<1	<1	<1	<1	<1
Carbon tetrachloride	<1	<1	<1	<1	<1
Chlorobenzene	<1	<1	<1	<1	<1
Chloroethane	<1	<1	<1	<1	<1
Chloroform	<1	<1	<1	<1	<1
Chloromethane	<1	<1	<1	<1	<1
2-Chlorotoluene	<1	<1	<1	<1	<1
4-Chlorotoluene	<1	<1	<1	<1	<1
Dibromochloromethane	<1	<1	<1	<1	<1
1,2-Dibromo-3-chloropropane	<1	<1	<1	<1	<1
1,2-Dibromoethane	<1	<1	<1	<1	<1
Dibromomethane	<1	<1	<1	<1	<1
1,2-Dichlorobenzene	<1	<1	<1	<1	<1
1,3-Dichlorobenzene	<1	<1	<1	<1	<1
1,4-Dichlorobenzene	<1	<1	<1	<1	<1
Dichlorodifluoromethane	<1	<1	<1	<1	<1
1,1-Dichloroethane	<1	<1	<1	<1	<1
1,2-Dichloroethane	<1	<1	<1	<1	<1
1,1-Dichloroethene	<1	<1	<1	<1	<1
cis-1,2-Dichloroethene	<1	<1	<1	<1	<1
trans-1,2-Dichloroethene	<1	<1	<1	<1	<1
1,2-Dichloropropane	<1	<1	<1	<1	<1
1,3-Dichloropropane	<1	<1	<1	<1	<1
2,2-Dichloropropane	<1	<1	<1	<1	<1
1,1-Dichloropropene	<1	<1	<1	<1	<1
Ethylbenzene	<1	<1	<1	<1	<1
Isopropylbenzene(Cumene)	<1	<1	<1	<1	<1
4-Isopropyltoluene(Cymene)	<1	<1	<1	<1	<1
Hexachlorobutadiene	<1	<1	<1	<1	<1
Methylene chloride	13	1.6	16	3.4	5.1
Naphthalene	10	9.1	<1	16	1.2
n-Propylbenzene	<1	<1	<1	<1	<1
Styrene	<1	<1	<1	<1	<1
1,1,1,2-Tetrachloroethane	<1	<1	<1	<1	<1
1,1,2,2-Tetrachloroethane	<1	<1	<1	<1	<1
Tetrachloroethene	<1	<1	<1	<1	<1
Toluene	<1	<1	<1	<1	<1
1,2,3-Trichlorobenzene	2.0	2.7	<1	3.4	<1
1,2,4-Trichlorobenzene	1.2	1	<1	1.3	<1
1,1,1-Trichloroethane	<1	<1	<1	<1	<1
1,1,2-Trichloroethane	<1	<1	<1	<1	<1
Trichloroethene	<1	<1	<1	<1	<1
Trichlorofluoromethane	<1	<1	<1	<1	<1
1,2,3-Trichloropropane	<1	<1	<1	<1	<1
1,2,4-Trimethylbenzene	<1	<1	1.4	<1	2.9
1,3,5-Trimethylbenzene	<1	<1	<1	<1	<1
Vinyl chloride	<1	<1	<1	<1	<1
o-Xylene	<1	<1	<1	<1	<1
m-Xylene	<1	<1	<1	<1	<1
p-Xylene	<1	<1	<1	<1	<1

Organic Analysis Data Package

Life Science Laboratories, Inc.
EPA 8021

Project # L1840-114

ELAP # 10248

SURROGATE RECOVERIES/INTERNAL STANDARD AREAS

LSL ID	Surrogate Recoveries			Internal Standards Areas		
	12DCEd4	TOLd8	4BFB	FB	CBd5	12DCBd4
VC502-42-1-050	113	98	100	189750	146518	104133
VV502-40-1-050	102	99	100	180120	139189	98836
VBLK0622A	94	100	101	184716	142508	100984
50616410	82	98	101	199321	156479	107271
50616411	81	96	100	196473	154241	106289
50616412	82	99	101	194766	151948	103660
50616413	86	97	100	176603	138821	96595
50616414	81	97	100	196404	154441	107301
50616417	82	98	101	190603	146987	99909
50616418	83	99	104	193845	151346	102006
50616415	88	96	103	190235	150242	102329
50616416	84	100	104	190930	147554	100219
50616495	83	98	104	189460	147676	98492
VV502-40-1-050	103	100	99	173218	134227	95283
50616488	93	98	101	188373	147895	102727
50616488MS	98	99	97	190989	149208	108983
50616488MSD	101	99	99	190497	149838	107386
50616487	86	94	102	178243	142259	100371
50616490	79	100	103	190874	146820	100015
50616492	77	100	102	187079	144539	96905
50616493	83	98	105	189197	149880	99016
VC502-42-1-050	101	99	100	183402	144694	103223
VV502-40-1-050	91	100	97	180596	142663	104351
VBLK0623A	94	99	100	182094	144175	103691
VBLK0623B	76	101	104	173339	136139	88334
50616487R	78	98	102	171751	136940	93784
50616494	79	101	102	183111	143148	98179
50616496	76	101	103	185350	144945	95597
50616497	81	100	105	182065	144794	96667
50616489	82	98	102	186730	149971	100911
50616491 500X	96	99	98	172075	137176	99517
VC502-42-2-050	87	102	103	213223	162653	110205
VV502-40-2-050	112	101	95	202773	152102	108331
VBLK0627A	108	97	93	202585	159076	115660
50616495R 5X	107	99	99	189527	145028	101064
VV502-40-2-050	112	100	98	208669	160169	111875
50616491R	91	99	98	211927	163583	109778
VC502-42-2-050	114	100	95	190476	144857	103205
VV502-40-2-050	97	101	98	182044	136838	100069
VBLK0628C	95	98	99	179832	137558	97804
50616491R 5X	93	99	101	187571	143766	101285

Surrogates

1,2-Dichloroethane-d4
Toluene-d8
4-Bromofluorobenzene

Internal Standards

Fluorobenzene
Chlorobenzene-d5
1,2-Dichlorobenzene-d4

Organic Analysis Data Package

Life Science Laboratories, Inc.
EPA 8021

Project # L1840-114

ELAP # 10248

CURVE DATA

Compound	RRF20	RRF50	RRF100	RRF150	RRF200	RRF AVE	%RSD
Benzene	0.826	0.802	0.786	0.790	0.781	0.797	2.2
Bromobenzene	1.083	1.003	1.015	1.044	1.017	1.032	3.1
Bromochloromethane	0.212	0.217	0.216	0.219	0.222	0.217	1.7
Bromodichloromethane	0.899	0.891	0.916	0.940	0.918	0.913	2.1
Bromoform	0.665	0.787	0.837	0.839	0.847	0.795	9.6
Bromomethane	0.257	0.259	0.246	0.252	0.246	0.252	2.3
n-Butylbenzene	2.619	2.364	2.400	2.327	2.410	2.424	4.7
sec-Butylbenzene	3.359	2.952	30.150	2.974	3.002	8.487	5.5
tert-Butylbenzene	2.228	1.996	2.048	2.050	2.047	2.074	4.3
Carbon tetrachloride	0.426	0.472	0.499	0.518	0.524	0.488	8.2
Chlorobenzene	0.982	0.964	0.963	0.981	0.957	0.969	1.2
Chloroethane	0.116	0.133	0.134	0.137	0.131	0.130	6.3
Chloroform	0.674	0.664	0.653	0.655	0.654	0.660	1.4
Chloromethane	0.163	0.183	0.218	0.223	0.209	0.199	13.0
2-Chlorotoluene	2.655	2.368	2.417	2.458	2.292	2.438	5.6
4-Chlorotoluene	2.660	2.303	2.351	2.415	2.312	2.408	6.1
Dibromochloromethane	0.726	0.764	0.786	0.807	0.801	0.777	4.2
1,2-Dibromo-3-chloropropane	0.231	0.293	0.333	0.325	0.329	0.302	14.0
1,2-Dibromoethane	0.642	0.712	0.725	0.735	0.734	0.710	5.5
Dibromomethane	0.467	0.499	0.505	0.514	0.507	0.498	3.7
1,2-Dichlorobenzene	1.529	1.433	1.447	1.470	1.440	1.464	2.6
1,3-Dichlorobenzene	1.542	1.447	1.487	1.494	1.462	1.486	2.5
1,4-Dichlorobenzene	1.727	1.579	1.585	1.614	1.571	1.615	4.0
Dichlorodifluoromethane	0.314	0.309	0.302	0.292	0.263	0.296	6.8
1,1-Dichloroethane	0.552	0.532	0.564	0.571	0.547	0.553	2.8
1,2-Dichloroethane	0.401	0.401	0.414	0.409	0.419	0.409	2.0
1,1-Dichloroethene	0.375	0.339	0.339	0.337	0.329	0.344	5.2
cis-1,2-Dichloroethene	0.353	0.353	0.348	0.352	0.344	0.350	1.1
trans-1,2-Dichloroethene	0.330	0.321	0.323	0.325	0.321	0.324	1.2
1,2-Dichloropropane	0.432	0.424	0.428	0.440	0.431	0.431	1.3
1,3-Dichloropropane	0.626	0.648	0.663	0.660	0.645	0.648	2.2
2,2-Dichloropropane	0.420	0.492	0.526	0.510	0.494	0.488	8.3
1,1-Dichloropropene	0.475	0.472	0.469	0.467	0.464	0.469	0.9
Ethylbenzene	0.485	0.438	0.437	0.443	0.429	0.446	5.0
Isopropylbenzene(Cumene)	2.664	2.333	2.393	2.431	2.374	2.439	5.4
4-Isopropyltoluene(Cymene)	2.427	2.167	2.228	2.190	2.225	2.247	4.6
Hexachlorobutadiene	0.997	0.921	0.940	0.816	0.933	0.921	7.1
Methylene chloride	0.309	0.304	0.296	0.301	0.294	0.301	1.9
Naphthalene	1.882	1.553	1.776	1.651	1.791	1.731	7.5
n-Propylbenzene	3.406	3.002	3.073	3.109	3.058	3.130	5.1
Styrene	0.982	0.965	0.955	0.984	0.962	0.970	1.3
1,1,1,2-Tetrachloroethane	0.473	0.470	0.480	0.496	0.482	0.480	2.1
1,1,1,2,2-Tetrachloroethane	0.896	1.014	1.087	1.073	1.069	1.028	7.7
Tetrachloroethene	0.814	0.785	0.784	0.795	0.775	0.791	1.9
Toluene	1.224	1.182	1.167	1.198	1.164	1.187	2.1
1,2,3-Trichlorobenzene	1.199	1.247	1.315	1.218	1.338	1.263	4.8
1,2,4-Trichlorobenzene	1.464	1.431	1.490	1.404	1.494	1.457	2.6
1,1,1-Trichloroethane	0.430	0.527	0.527	0.519	0.520	0.505	8.3
1,1,2-Trichloroethane	0.413	0.433	0.439	0.444	0.436	0.433	2.8
Trichloroethene	0.577	0.551	0.562	0.574	0.558	0.564	1.9
Trichlorofluoromethane	0.656	0.656	0.652	0.637	0.595	0.639	4.1
1,2,3-Trichloropropane	0.828	0.872	0.915	0.908	0.896	0.884	4.0
1,2,4-Trimethylbenzene	2.233	1.994	2.041	2.074	2.044	2.077	4.4
1,3,5-Trimethylbenzene	2.238	1.995	2.043	2.065	2.037	2.076	4.5
Vinyl chloride	0.199	0.214	0.216	0.217	0.206	0.210	3.7
o-Xylene	0.577	0.553	0.550	0.563	0.551	0.559	2.0
m-Xylene	0.583	0.557	0.554	0.564	0.549	0.561	2.4
p-Xylene	*	*	*	*	*	*	*

* Co-eluting Compound.

Organic Analysis Data Package

Life Science Laboratories, Inc.

EPA 8021

Project # L1840-114

ELAP # 10248

REFERENCE STANDARDS -- ORGANICS

Compound	LSL ID	VV502-40-1-	VV502-40-1-	VV502-40-	VV502-40-2-	VV502-40-2-	VV502-40-2-
	Analyzed:	6/22/95	6/22/95	6/23/95	6/27/95	6/28/95	6/28/95
		%R	%R	%R	%R	%R	%R
Benzene		103	98	98	103	97	105
Bromobenzene		102	96	108	105	97	105
Bromochloromethane		104	100	100	107	102	105
Bromodichloromethane		100	97	99	106	98	104
Bromoform		105	101	112	122	108	102
Bromomethane		127	105	75	111	103	119
n-Butylbenzene		102	96	99	103	90	98
sec-Butylbenzene		103	95	100	100	90	97
tert-Butylbenzene		102	96	101	101	91	100
Carbon tetrachloride		97	98	96	105	97	101
Chlorobenzene		101	97	99	105	95	104
Chloroethane		95	92	81	98	89	110
Chloroform		104	101	101	106	99	103
Chloromethane		126	121	81	107	97	140
2-Chlorotoluene		99	96	100	101	96	101
4-Chlorotoluene		100	90	96	102	92	100
Dibromochloromethane		105	101	106	114	102	105
1,2-Dibromo-3-chloropropane		100	106	132	167	147	103
1,2-Dibromoethane		107	99	105	117	105	105
Dibromomethane		101	97	100	111	101	102
1,2-Dichlorobenzene		100	95	99	106	92	100
1,3-Dichlorobenzene		100	94	96	102	90	99
1,4-Dichlorobenzene		101	88	98	105	93	100
Dichlorodifluoromethane		116	119	55	79	72	131
1,1-Dichloroethane		102	98	101	105	99	109
1,2-Dichloroethane		103	102	104	107	103	98
1,1-Dichloroethene		99	94	93	97	89	103
cis-1,2-Dichloroethene		102	97	100	103	98	103
trans-1,2-Dichloroethene		100	95	95	100	93	104
1,2-Dichloropropane		104	101	103	111	103	108
1,3-Dichloropropane		105	100	104	114	105	105
2,2-Dichloropropane		98	96	29	101	81	103
1,1-Dichloropropene		107	105	105	113	106	114
Ethylbenzene		103	98	103	105	98	106
Isopropylbenzene(Cumene)		112	106	110	111	104	111
1-Isopropyltoluene(Cymene)		103	98	102	104	93	100
Hexachlorobutadiene		86	100	110	115	97	95
Methylene chloride		100	97	110	99	96	104
Naphthalene		83	117	145	203	161	125
n-Propylbenzene		100	94	97	99	91	98
Styrene		98	95	21	99	89	99
1,1,1,2-Tetrachloroethane		103	98	103	107	98	103
1,1,2,2-Tetrachloroethane		106	99	73	124	106	103
Tetrachloroethene		101	98	99	106	100	105
Toluene		102	97	100	106	100	107
1,2,3-Trichlorobenzene		72	101	113	185	135	99
1,2,4-Trichlorobenzene		78	100	103	145	111	98
1,1,1-Trichloroethane		101	98	99	100	96	104
1,1,2-Trichloroethane		105	101	108	116	105	108
Trichloroethene		103	98	128	107	103	108
Trichlorofluoromethane		103	101	91	106	100	117
1,2,3-Trichloropropane		108	101	113	122	109	101
1,2,4-Trimethylbenzene		102	96	99	102	97	100
1,3,5-Trimethylbenzene		102	96	98	102	94	101
Vinyl chloride		107	103	80	99	92	124
o-Xylene		97	95	98	98	89	99
m-Xylene		101	98	101	107	99	105
p-Xylene		*	*	*	*	*	*
Coeluting compounds							

Organic Analysis Data Package

Life Science Laboratories, Inc.
EPA 8021

Project # L1840-114

ELAP # 10248

CONTINUING CALIBRATION

Compound	LSL ID Date	VC502-42-1-050		
		AvgRRF	6/22/95 CCRRF	%D
Benzene		0.797	0.846	6.0
Bromobenzene		1.032	1.026	0.6
Bromochloromethane		0.217	0.221	1.8
Bromodichloromethane		0.913	0.890	2.6
Bromoform		0.795	0.814	2.4
Bromomethane		0.252	0.190	28
n-Butylbenzene		2.424	2.218	8.9
sec-Butylbenzene		3.060	2.641	15
tert-Butylbenzene		2.074	1.810	14
Carbon tetrachloride		0.488	0.437	11
Chlorobenzene		0.969	1.016	4.7
Chloroethane		0.130	0.144	10
Chloroform		0.660	0.622	5.9
Chloromethane		0.199	0.138	36
2-Chlorotoluene		2.438	2.031	18
4-Chlorotoluene		2.408	1.975	20
Dibromochloromethane		0.777	0.749	3.7
1,2-Dibromo-3-chloropropane		0.302	0.246	20
1,2-Dibromoethane		0.710	0.702	1.1
Dibromomethane		0.498	0.497	0.2
1,2-Dichlorobenzene		1.464	1.451	0.9
1,3-Dichlorobenzene		1.486	1.500	0.9
1,4-Dichlorobenzene		1.615	1.603	0.7
Dichlorodifluoromethane		0.296	0.197	40
1,1-Dichloroethane		0.553	0.560	1.3
1,2-Dichloroethane		0.409	0.333	20
1,1-Dichloroethene		0.344	0.319	7.5
cis-1,2-Dichloroethene		0.350	0.369	5.3
trans-1,2-Dichloroethene		0.324	0.343	5.7
1,2-Dichloropropane		0.431	0.461	6.7
1,3-Dichloropropane		0.649	0.668	2.9
2,2-Dichloropropane		0.488	0.518	6.0
1,1-Dichloropropene		0.469	0.449	4.4
Ethylbenzene		0.446	0.447	0.2
Isopropylbenzene(Cumene)		2.439	1.994	20
4-Isopropyltoluene(Cymene)		2.248	1.997	12
Hexachlorobutadiene		0.921	0.895	2.9
Methylene chloride		0.301	0.338	12
Naphthalene		1.731	1.318	27
n-Propylbenzene		3.129	2.792	11
Styrene		0.969	0.996	2.7
1,1,1,2-Tetrachloroethane		0.480	0.495	3.1
1,1,2,2-Tetrachloroethane		1.028	1.016	1.2
Tetrachloroethene		0.791	0.873	9.9
Toluene		1.187	1.252	5.3
1,2,3-Trichlorobenzene		1.263	1.153	9.1
1,2,4-Trichlorobenzene		1.263	1.153	9.1
1,1,1-Trichloroethane		0.504	0.529	4.8
1,1,2-Trichloroethane		0.433	0.472	8.6
Trichloroethene		0.565	0.570	0.9
Trichlorofluoromethane		0.639	0.540	17
1,2,3-Trichloropropane		0.884	0.769	14
1,2,4-Trimethylbenzene		2.077	1.787	15
1,3,5-Trimethylbenzene		2.076	1.722	19
Vinyl chloride		0.210	0.208	1.0
o-Xylene		0.559	0.572	2.3
m-Xylene		0.561	0.567	1.1
p-Xylene		*	*	*

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* Co-eluting Compound.
** > 25% RSD

Organic Analysis Data Package

Life Science Laboratories, Inc.
EPA 8021

Project # L1840-114

ELAP # 10248

CONTINUING CALIBRATION

Compound	LSL ID Date	VC502-42-1-050		
		AvgRRF	6/23/95 CCRRF	%D
Benzene		0.797	0.915	14
Bromobenzene		1.032	1.069	3.5
Bromochloromethane		0.217	0.239	9.6
Bromodichloromethane		0.913	0.941	3.0
Bromoform		0.795	0.856	7.4
Bromomethane		0.252	0.240	4.9
n-Butylbenzene		2.424	2.247	7.6
sec-Butylbenzene		3.060	2.732	11
tert-Butylbenzene		2.074	1.882	10
Carbon tetrachloride		0.488	0.491	0.6
Chlorobenzene		0.969	1.078	11
Chloroethane		0.130	0.160	21
Chloroform		0.660	0.668	1.2
Chloromethane		0.199	0.150	28
2-Chlorotoluene		2.438	2.178	11
4-Chlorotoluene		2.408	2.146	12
Dibromochloromethane		0.777	0.780	0.4
1,2-Dibromo-3-chloropropane		0.302	0.241	22
1,2-Dibromoethane		0.710	0.750	5.5
Dibromomethane		0.498	0.516	3.6
1,2-Dichlorobenzene		1.464	1.507	2.9
1,3-Dichlorobenzene		1.486	1.564	5.1
1,4-Dichlorobenzene		1.615	1.670	3.3
Dichlorodifluoromethane		0.296	0.189	44
1,1-Dichloroethane		0.553	0.571	3.2
1,2-Dichloroethane		0.409	0.350	16
1,1-Dichloroethene		0.344	0.339	1.5
cis-1,2-Dichloroethene		0.350	0.394	12
trans-1,2-Dichloroethene		0.324	0.370	13
1,2-Dichloropropane		0.431	0.484	12
1,3-Dichloropropane		0.649	0.705	8.3
2,2-Dichloropropane		0.488	0.537	9.6
1,1-Dichloropropene		0.469	0.473	0.8
Ethylbenzene		0.446	0.468	4.8
Isopropylbenzene(Cumene)		2.439	2.075	16
4-Isopropyltoluene(Cymene)		2.248	2.064	8.5
Hexachlorobutadiene		0.921	0.856	7.3
Methylene chloride		0.301	0.343	13
Naphthalene		1.731	1.350	25
n-Propylbenzene		3.129	2.897	7.7
Styrene		0.969	1.041	7.2
1,1,1,2-Tetrachloroethane		0.480	0.530	9.9
1,1,2,2-Tetrachloroethane		1.028	1.070	4.0
Tetrachloroethene		0.791	0.923	15
Toluene		1.187	1.328	11
1,2,3-Trichlorobenzene		1.263	1.199	5.2
1,2,4-Trichlorobenzene		1.263	1.405	11
1,1,1-Trichloroethane		0.504	0.565	11
1,1,2-Trichloroethane		0.433	0.487	12
Trichloroethene		0.565	0.592	4.7
Trichlorofluoromethane		0.639	0.564	12
1,2,3-Trichloropropane		0.884	0.790	11
1,2,4-Trimethylbenzene		2.077	1.854	11
1,3,5-Trimethylbenzene		2.076	1.778	15
Vinyl chloride		0.210	0.215	2.4
o-Xylene		0.559	0.596	6.4
m-Xylene		0.561	0.598	6.4
p-Xylene		*	*	*

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* Co-eluting Compound.

* * > 25% RSD

Organic Analysis Data Package

Life Science Laboratories, Inc.
EPA 8021

Project # L1840-114

ELAP # 10248

CONTINUING CALIBRATION

Compound	LSL ID Date	VC502-42-2-050		
		AvgRRF	6/27/95 CCRRF	%D
Benzene		0.797	0.812	1.9
Bromobenzene		1.032	1.026	0.6
Bromochloromethane		0.217	0.205	5.7
Bromodichloromethane		0.913	0.850	7.1
Bromoform		0.795	0.731	8.4
Bromomethane		0.252	0.236	6.6
n-Butylbenzene		2.424	2.293	5.6
sec-Butylbenzene		3.060	2.785	9.4
tert-Butylbenzene		2.074	1.907	8.4
Carbon tetrachloride		0.488	0.439	11
Chlorobenzene		0.969	1.002	3.3
Chloroethane		0.130	0.159	20
Chloroform		0.660	0.586	12
Chloromethane		0.199	0.206	3.5
2-Chlorotoluene		2.438	2.079	16
4-Chlorotoluene		2.408	2.040	17
Dibromochloromethane		0.777	0.695	11
1,2-Dibromo-3-chloropropane		0.302	0.169	56
1,2-Dibromoethane		0.710	0.641	10
Dibromomethane		0.498	0.447	11
1,2-Dichlorobenzene		1.464	1.436	1.9
1,3-Dichlorobenzene		1.486	1.533	3.1
1,4-Dichlorobenzene		1.615	1.613	0.1
Dichlorodifluoromethane		0.296	0.415	33
1,1-Dichloroethane		0.553	0.525	5.2
1,2-Dichloroethane		0.409	0.306	29
1,1-Dichloroethene		0.344	0.319	7.5
cis-1,2-Dichloroethene		0.350	0.351	0.3
trans-1,2-Dichloroethene		0.324	0.337	3.9
1,2-Dichloropropane		0.431	0.439	1.8
1,3-Dichloropropane		0.649	0.609	6.4
2,2-Dichloropropane		0.488	0.491	0.6
1,1-Dichloropropene		0.469	0.419	11
Ethylbenzene		0.446	0.444	0.4
Isopropylbenzene(Cumene)		2.439	2.062	17
4-Isopropyltoluene(Cymene)		2.248	2.094	7.1
Hexachlorobutadiene		0.921	0.822	11
Methylene chloride		0.301	0.328	8.6
Naphthalene		1.731	0.841	69
n-Propylbenzene		3.129	2.883	8.2
Styrene		0.969	0.999	3.0
1,1,1,2-Tetrachloroethane		0.480	0.488	1.7
1,1,2,2-Tetrachloroethane		1.028	0.907	13
Tetrachloroethene		0.791	0.854	7.7
Toluene		1.187	1.216	2.4
1,2,3-Trichlorobenzene		1.263	0.722	55
1,2,4-Trichlorobenzene		1.263	1.056	18
1,1,1-Trichloroethane		0.504	0.519	2.9
1,1,2-Trichloroethane		0.433	0.428	1.2
Trichloroethene		0.565	0.539	4.7
Trichlorofluoromethane		0.639	0.576	10
1,2,3-Trichloropropane		0.884	0.691	25
1,2,4-Trimethylbenzene		2.077	1.836	12
1,3,5-Trimethylbenzene		2.076	1.776	16
Vinyl chloride		0.210	0.259	21
o-Xylene		0.559	0.574	2.6
m-Xylene		0.561	0.552	1.6
p-Xylene		*	*	*

* Co-eluting Compound.

** > 25% RSD

Organic Analysis Data Package

Life Science Laboratories, Inc.
EPA 8021

Project # L1840-114

ELAP # 10248

CONTINUING CALIBRATION

Compound	LSL ID Date	VC502-42-2-050		
		AvgRRF	6/28/95 CCRRF	%D
Benzene		0.797	0.827	3.7
Bromobenzene		1.032	1.037	0.5
Bromochloromethane		0.217	0.220	1.4
Bromodichloromethane		0.913	0.887	2.9
Bromoform		0.795	0.888	11
Bromomethane		0.252	0.222	13
n-Butylbenzene		2.424	2.222	8.7
sec-Butylbenzene		3.060	2.679	13
tert-Butylbenzene		2.074	1.827	13
Carbon tetrachloride		0.488	0.437	11
Chlorobenzene		0.969	1.021	5.2
Chloroethane		0.130	0.140	7.4
Chloroform		0.660	0.613	7.4
Chloromethane		0.199	0.143	33
2-Chlorotoluene		2.438	2.112	14
4-Chlorotoluene		2.408	2.023	17
Dibromochloromethane		0.777	0.764	1.7
1,2-Dibromo-3-chloropropane		0.302	0.286	5.4
1,2-Dibromoethane		0.710	0.740	4.1
Dibromomethane		0.498	0.509	2.2
1,2-Dichlorobenzene		1.464	1.475	0.7
1,3-Dichlorobenzene		1.486	1.511	1.7
1,4-Dichlorobenzene		1.615	1.614	0.1
Dichlorodifluoromethane		0.296	0.198	40
1,1-Dichloroethane		0.553	0.521	6.0
1,2-Dichloroethane		0.409	0.335	20
1,1-Dichloroethene		0.344	0.306	12
cis-1,2-Dichloroethene		0.350	0.361	3.1
trans-1,2-Dichloroethene		0.324	0.330	1.8
1,2-Dichloropropane		0.431	0.458	6.1
1,3-Dichloropropane		0.649	0.689	6.0
2,2-Dichloropropane		0.488	0.440	10
1,1-Dichloropropene		0.469	0.428	9.1
Ethylbenzene		0.446	0.449	0.7
Isopropylbenzene(Cumene)		2.439	1.996	20
4-Isopropyltoluene(Cymene)		2.248	2.029	10
Hexachlorobutadiene		0.921	0.847	8.4
Methylene chloride		0.301	0.342	13
Naphthalene		1.731	2.082	18
n-Propylbenzene		3.129	2.786	12
Styrene		0.969	1.001	3.2
1,1,1,2-Tetrachloroethane		0.480	0.506	5.3
1,1,2,2-Tetrachloroethane		1.028	1.108	7.5
Tetrachloroethene		0.791	0.880	11
Toluene		1.187	1.256	5.6
1,2,3-Trichlorobenzene		1.263	1.269	0.5
1,2,4-Trichlorobenzene		1.263	1.416	11
1,1,1-Trichloroethane		0.504	0.521	3.3
1,1,2-Trichloroethane		0.433	0.484	11
Trichloroethene		0.565	0.559	1.1
Trichlorofluoromethane		0.639	0.523	20
1,2,3-Trichloropropane		0.884	0.835	5.7
1,2,4-Trimethylbenzene		2.077	1.806	14
1,3,5-Trimethylbenzene		2.076	1.733	18
Vinyl chloride		0.210	0.199	5.4
o-Xylene		0.559	0.580	3.7
m-Xylene		0.561	0.566	0.9
p-Xylene		*	*	*

* *

* *

* Co-eluting Compound.
** > 25% RSD

MS/MSD DATA -- ORGANICS

	% Recovery		
	50616488	50616488	
	MS	MSD	RPD
Benzene	100	104	3.9
Bromobenzene	94	104	10.1
Bromochloromethane	98	104	5.9
Bromodichloromethane	98	21	129
Bromoform	103	9	168
Bromomethane	109	116	6.2
n-Butylbenzene	96	101	5.1
sec-Butylbenzene	97	103	6.0
tert-Butylbenzene	97	102	5.0
Carbon tetrachloride	102	57	57
Chlorobenzene	98	102	4.0
Chloroethane	106	108	1.9
Chloroform	100	110	9.5
Chloromethane	104	113	8.3
2-Chlorotoluene	95	100	5.1
4-Chlorotoluene	96	102	6.1
Dibromochloromethane	98	12	156
1,2-Dibromo-3-chloropropane	108	33	106
1,2-Dibromoethane	102	100	2.0
Dibromomethane	99	106	6.8
1,2-Dichlorobenzene	96	102	6.1
1,3-Dichlorobenzene	95	99	4.1
1,4-Dichlorobenzene	96	99	3.1
Dichlorodifluoromethane	94	98	4.2
1,1-Dichloroethane	94	99	5.2
1,2-Dichloroethane	97	103	6.0
1,1-Dichloroethene	96	127	28
cis-1,2-Dichloroethene	97	101	4.0
trans-1,2-Dichloroethene	98	99	1.0
1,2-Dichloropropane	98	101	3.0
1,3-Dichloropropane	100	103	3.0
2,2-Dichloropropane	75	75	0
1,1-Dichloropropene	98	101	3.0
Ethylbenzene	99	75	28
Isopropylbenzene(Cumene)	96	102	6.1
4-Isopropyltoluene(Cymene)	96	102	6.1
Hexachlorobutadiene	91	101	10
Methylene chloride	91	95	4.3
Naphthalene	111	132	17
n-Propylbenzene	96	101	5.1
Styrene	95	69	32
1,1,1,2-Tetrachloroethane	100	43	80
1,1,2,2-Tetrachloroethane	104	108	3.8
Tetrachloroethene	99	102	3.0
Toluene	100	103	3.0
1,2,3-Trichlorobenzene	103	114	10
1,2,4-Trichlorobenzene	98	105	6.9
1,1,1-Trichloroethane	100	100	0
1,1,2-Trichloroethane	99	103	4.0
Trichloroethene	96	98	2.1
Trichlorofluoromethane	98	100	2.0
1,2,3-Trichloropropane	103	108	4.7
1,2,4-Trimethylbenzene	96	102	6.1
1,3,5-Trimethylbenzene	95	102	7.1
Vinyl chloride	96	67	36
o-Xylene	98	102	4.0
m-Xylene	99	102	3.0
p-Xylene	*	*	

* Co-eluting compounds.

APPENDIX 7

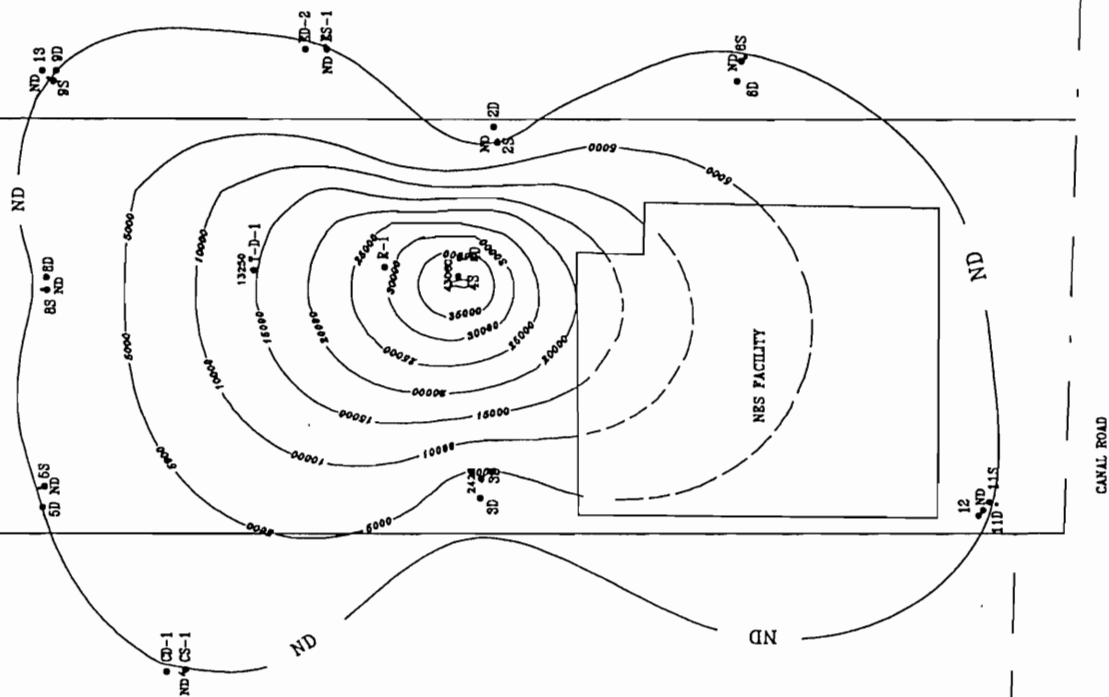
ISOCONCENTRATION MAPS
NORTHEAST ENVIRONMENTAL SERVICES, INC.
SEMI-ANNUAL REPORT 1995

Isoconcentration Map of Total VOC's in the Shallow Zone (concentration in ug/l)

(Data values obtained on March 28 and 29, 1995)
1995 First Quarter VOC Concentration Map)

SCALE:

0 100 FT.



CANAL ROAD

(Data values obtained on June 20 and 21, 1995)
1995 Second Quarter VOC Concentration Map)

SCALE:

