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1995 THIRD QUARTER REPORT
GROUNDWATER MONITORING SYSTEM
NORTHEAST ENVIRONMENTAL SERVICES, INC.
TOWN OF LENOX

PREPARED FOR:

NORTHEAST ENVIRONMENTAL SERVICES, INC.

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I. INTRODUCTION

The Northeast Environmental Services, Inc. (NES) Transportation, Storage and Disposal (TSD) 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 is located at the site. Groundwater samples were collected from monitoring wells in the groundwater monitoring system on September 25, 1995 and September 26, 1995. The following report summarizes the groundwater monitoring investigation results for the third quarter 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 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.

The groundwater samples were collected from the following monitoring wells: WP2S, WP3S, WP4S, WP5S, WP5D, WP8S, WP8D, WP9S, WP9D, WP11S, WP12, WPES-1, WPCS-1, Test Well D-T-1 and Recovery Well R-1. 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 third quarter of 1995.

II. GROUNDWATER MONITORING SYSTEM INSPECTION

A. Inspection Procedure

On September 22, 1995, ENSA Environmental completed the quarterly inspections of the groundwater monitoring system at the NES, Inc. facility. The quarterly inspection of the groundwater monitoring system was 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 inspected. Information contained in the heading including the following: 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 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.

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, down-wind activities and any evidence of surficial 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 Third Quarter sampling event are included in Appendix 1.

B. Results of Groundwater Monitoring System Inspection

During the September 22, 1995 quarterly groundwater monitoring system inspection, total monitoring well depth calculations indicated that four (4) monitoring wells (WP6S, WPES-1, WPCS-1, and WPCD-2) were observed to have screened intervals obstructed by excessive (greater than 10% of the screened interval) silt accumulation.

Monitoring Wells WPCD-2, WPCS-1, Test Well D-T-1, WPES-1 and WPED-2 were re-developed prior to the March 1995 groundwater monitoring system inspection as a result of the December 1994 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.

On October 20, 1995 and October 23, 1995, ENSA Environmental, Inc. supervised the installation of monitoring wells WP14S, WP14D, WP15S and WP15D. The aforementioned monitoring wells replace WPCS-1, WPCD-2, WPES-1 and WPED-2 in an effort to more effectively monitor the east and west boundaries of the site. A detailed report of the well installations will be included in the 1995 Annual Groundwater Monitoring Report.

Table 1 (below) lists additional observations noted during the September 22, 1995 quarterly groundwater monitoring system inspection.

TABLE 1

FIRST QUARTER GROUNDWATER MONITORING SYSTEM INSPECTION OBSERVATIONS

Monitoring Well ID	Observations
WP2D	Outer casing number obstructed by cement
WP 11S	Measuring point faded
WP 11D	Measuring point faded
WP 12	Well number faded/not readable, measuring point faded
WP 3S	Outer casing number obstructed by cement

III. DEPTH TO GROUNDWATER AND HYDRAULIC GRADIENT

A. Collection of Groundwater Elevation Data

During July 1995, August 1995 and September 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 well locations 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 July 1995, August 1995 and September 1995 are located in Appendix 2.

On August 2, 1995, the groundwater monitoring wells were surveyed for location and elevation. The most recent elevation data was utilized to calculate water table elevation data. During this survey, all well elevation survey marks were moved to the inner riser casing.

The monitoring well measuring point survey elevation and depth to water measurements were used to calculate the water table elevation for each monitoring well.

C. Groundwater Elevation Contour Maps

Groundwater contour maps were prepared from the water table elevation data obtained from the July 28, 1995; August 25, 1995 and September 22, 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.

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 sampling personnel.

3. A decontaminated teflon bailer was lowered into the well using bailing rope. The bailer was allowed to fill with water. The nearly 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 an alconox 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 after the groundwater monitoring well was allowed to recover for a period not exceeding two (2) hours. 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. A decontaminated teflon bailer was lowered into the groundwater monitoring well using bailing rope. Two bailer volumes of groundwater were removed from the monitoring well. The groundwater removed from the monitoring well was placed in a 55-gallon drum.

2. A third bailer volume of groundwater was collected. The groundwater was transferred into a decontaminated glass container.

3. 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.

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 September 1995 temperature, pH and specific conductivity measurements and levels of volatile organic compounds detected in the well casing are summarized in Table 2 (pg. 6).

TABLE 2

3RD QUARTER 1995
FIELD MEASUREMENT DATA
pH, TEMPERATURE, SPECIFIC CONDUCTIVITY, VOLATILE ORGANIC COMPOUNDS
NORTHEAST ENVIRONMENTAL SERVICES, INC.

Monitoring Well	Temperature (°C)	pH	Specific Conductivity	Well Casing (ppm)
WP2S	15.2	6.5	803	ND
WP3S	14.4	6.6	800	ND
WP4S	14.4	6.8	1,178	ND
WP5S	14.7	6.7	560	ND
WP5D	13.6	6.0	662	ND
WP8S	15.7	6.7	571	ND
WP8D	13.3	6.5	717	ND
WP9S	14.7	7.1	571	ND
WP9D	12.2	7.0	720	ND
WP11S	16.9	6.4	1,035	ND
WP12	14.7	7.0	339	ND
WPES-1	15.4	6.6	707	ND
WPCS-1	16.8	6.8	641	ND
WPTD-1	13.3	6.6	705	ND
WPR-1	12.7	6.6	708	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 office in sealed (custody seals intact) coolers.

Each cooler was opened (custody seals broken) and the sample containers 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 (HNO_3) 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 and decontamination procedures.

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.

F. Laboratory Analytical Results

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

Table 3 (pg. 8): September 1995 Analytical Results Summary

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

TABLE 3

LABORATORY ANALYSIS SUMMARY
THIRD QUARTER 1995 REPORT
GROUNDWATER MONITORING SYSTEM
NORTHEAST ENVIRONMENTAL SERVICES, INC.
CANAL ROAD, TOWN OF LENOX, NEW YORK

Monitoring Well	WP2S	WP3S	WP4S	WP5S	WP5D	WP8S	WP8D	WP9S	WP9D
Arsenic	0.025	<0.01	0.062	0.013	<0.01	<0.01	<0.01	<0.01	<0.01
Barium	1.3	2.3	1.4	0.3	1.2	0.83	3.0	0.28	0.28
Chromium	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04
Lead	0.016	0.012	<0.010	0.013	<0.010	<0.010	0.011	<0.01	<0.01
Mercury	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
Nickel	0.026	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Benzene	<1	<100	<1,000	<1	<1	<1	<1	<1	<1
Toluene	<1	<100	32,000	<1	<1	<1	<1	<1	<1
Ethylbenzene	<1	<100	<1,000	<1	<1	<1	<1	<1	<1
O - Xylene	<1	<100	<1,000	<1	<1	<1	<1	<1	<1
M+P - Xylene	<1	<100	2,300	<1	<1	<1	<1	<1	<1
Chloroethane	<1	<100	<1,000	<1	<1	<1	47.	<1	<1
Chloroform	<1	<100	<1,000	<1	<1	<1	<1	<1	<1
1,2,4-trimethylbenzene	<1	<100	<1,000	<1	<1	<1	<1	<1	<1
1,1-dichloroethane	1.5	<100	1400.	<1	<1	<1	<1	<1	<1
1,1-dichloroethene	<1	<100	<1,000	<1	<1	<1	<1	<1	<1
1,2-Dichloroethane	<1	<100	<1,000	<1	<1	<1	<1	<1	<1
Cis-1,2-dichloroethene	<1	3700.	19,000	<1	<1	1.6	<1	<1	<1
Methylene Chloride	1.8*	<100	1300.	<1	<1	<1	<1	<1	<1
1,1,1-trichloroethane	<1	<100	1400.	<1	<1	<1	<1	<1	<1
Trichlorofluoromethane	<1	<100	<1,000	<1	<1	<1	<1	<1	<1
Vinyl Chloride	<1	1600.	<1,000	<1	150	<1	<1	<1	<1
TOTAL VOC's (ug/l)	3.3	5,300	57,400	ND	150	1.6	47.	ND	ND

* - Laboratory contamination is suspected.

ND - None detected above laboratory limits.

TABLE 3 (Continued)

LABORATORY ANALYSIS SUMMARY
THIRD QUARTER 1995 REPORT
GROUNDWATER MONITORING SYSTEM
NORTHEAST ENVIRONMENTAL SERVICES, INC.
CANAL ROAD, TOWN OF LENOX, NEW YORK

Monitoring Well	WPCS-1	WPES-1	WPR1	WPDT-1	WP11S	WP12	9/26/94 Trip Blank	9/25/95 Field Blank	9/26/95 Field Blank	9/25/95 Dup. WP5D
Arsenic	0.048	<0.01	<0.01	<0.01	<0.01	0.014	NA	<0.01	<0.01	<0.01
Barium	2.4	0.72	2.2	4.4	2.1	<0.2	NA	<0.2	<0.2	1.2
Chromium	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	NA	<0.04	<0.04	<0.04
Lead	0.079	<0.01	<0.01	<0.01	0.011	<0.01	NA	<0.010	<0.010	<0.01
Mercury	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	NA	<0.0002	<0.0002	<0.0002
Nickel	0.23	<0.02	<0.02	<0.02	<0.02	<0.02	NA	<0.02	<0.02	<0.02
Dichloro-difluromethane	<1	<1	<100	<20	<1	<1	<1	<1	<1	<5
Benzene	<1	<1	<100	<20	<1	<1	<1	<1	<1	<5
Toluene	<1	<1	2000.	780.	<1	<1	<1	<1	<1	140.
Ethylbenzene	<1	<1	<100	39.	<1	<1	<1	<1	<1	<5
O - Xylene	<1	<1	<100	58.	<1	<1	<1	<1	<1	10
M+P - Xylene	<1	<1	120	110.	<1	<1	<1	<1	<1	<5
Chloroethane	<1	<1	<100	220.	<1	<1	<1	<1	<1	<5
Chloroform	<1	<1	<100	<20	<1	<1	<1	<1	<1	<5
1,1-dichloroethane	<1	<1	150	160	<1	<1	<1	<1	<1	5.4
1,2-Dichloroethane	<1	<1	<100	<20	<1	<1	<1	<1	<1	<5
Cis-1,2-dichloroethene	<1	<1	2200.	<20	<1	<1	<1	<1	<1	68
Methylene Chloride	2.5*	1.6*	<100	<20	1.5*	2.1*	1.5*	1.4*	1.1*	<5
1,2,4-tri-methylbenzene	<1	<1	<100	<20	<1	<1	<1	<1	<1	<5
1,1,1-tri-chloroethane	<1	<1	<100	<20	<1	<1	<1	<1	<1	7.3
Trichloro-fluoromethane	<1	<1	<100	<20	<1	<1	<1	<1	<1	<5
Vinyl Chloride	<1	<1	400.	210.	<1	<1	<1	<1	<1	210.
TOTAL VOC's (ug/l)	2.5*	1.6*	4,870	1,577	1.5*	2.1*	1.5*	1.4*	1.1*	440.7

* - Laboratory contamination is suspected.
ND - None detected above laboratory limits.
NA - Not analyzed

TABLE 4

GROUNDWATER PROTECTION CONCENTRATIONS
NORTHEAST ENVIRONMENTAL SERVICES, INC.

CAS No.	Constituent	Conc. Limit (ug/l)
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 is capable of receiving 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 series of liquid phase granular activated carbon canisters. 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 eleven (11) gallons per minute. The groundwater treatment system was designed to operate at 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 caused reduced flow rates observed in the system. ENSA Environmental, Inc. subsequently installed an iron filtration unit to minimize the rate of iron accumulation in the GAC system.

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 during 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 groundwater 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.

Deep Zone Groundwater Elevation Contour Maps

1) Groundwater Elevation Contour Map - July 28, 1995

The groundwater elevation contour map for July 28, 1995 indicates that a cone of influence is present at the site which is the result of pumping the recovery well. The cone of influence extends beyond the eastern and western most monitoring wells and also beyond well pairs #5 and #8 to the north. The contour diagrams for the above date illustrate a decreased cone of influence resulting from increased precipitation occurring during the month of July.

2) Groundwater Elevation Contour Map - August 25, 1995

The groundwater elevation contour map for August 25, 1995 indicates that a cone of influence is present at the site which is the result of pumping the recovery well. The cone of influence extends to the eastern and western most monitoring wells and to well pairs #5 and #8. The diagrams for the above date illustrate a decreased cone of influence resulting from increased precipitation occurring during the month of August.

3) Groundwater Elevation Contour Map - September 22, 1995

The groundwater elevation contour map for the above date indicates that a cone of influence is present at the site which is the result of pumping the recovery well. The cone of influence extends beyond the western and the eastern most monitoring wells and just south of well pairs #5 and #8 to the north. The diagrams for the above date illustrate an increased cone of influence resulting from reduced precipitation occurring during the month of September.

Shallow Zone Groundwater Elevation Contour Maps

1) Groundwater Elevation Contour Map - July 28, 1995

The groundwater elevation contour map for the above date indicates that a cone of influence is present at the site which is the result of the continued pumping of the recovery well. The cone of influence appears to extend just north of TD-1 and just west of well pair E. The diagrams for the above date illustrate a decreased cone of influence resulting from increased precipitation occurring during the month of July.

2) Groundwater Elevation Contour Map - August 25, 1995

The cone of influence developed in the shallow zone resulting from the pumping of the recovery well extends to the eastern most monitoring wells and approximately to the western most monitoring wells. The cone of influence appears to extend just north of well pairs #5 and #8.

The diagrams for the above date, illustrate a decreased cone of influence resulting in increased precipitation occurring during the month of August.

3) Groundwater Elevation Contour Map - September 22, 1995

The cone of influence developed in the shallow zone resulting from the pumping of the recovery extends to the eastern and western most monitoring wells. The cone of influence also extends south of well pairs #5 and #8 to the north. The diagrams for the above date illustrate an increased cone of influence resulting from decreased precipitation occurring during the month of September.

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 from 1993 through 1995 to date; 7,541,757 gallons; was composed almost entirely of groundwater. It has been necessary to treat only 6,900 gallons of surface water (to test the surface water pipe system).

TABLE 5

VOLUME SUMMARY 1993 THROUGH 1995
GROUNDWATER TREATMENT SYSTEM
NORTHEAST ENVIRONMENTAL SERVICES, INC.

Date	Treated Surface Waters (Gallons)	Treated Groundwater (Gallons)
January 1993	0	0
February 1993	0	0
March 1993	0	0
Total Quarter	0	0
April 1993	0	2,507
May 1993	0	101,016
June 1993	6,900	217,635
Total Quarter	6,900	321,158
July 1993	0	249,842
August 1993	0	188,070
September 1993	0	225,809
Total Quarter	0	663,721
October 1993	0	168,531
November 1993	0	239,670
December 1993	0	304,361
Total Quarter	0	712,562
January 1994	0	270,643
February 1994	0	223,961
March 1994	0	260,599
Total Quarter	0	755,203
April 1994	0	236,713
May 1994	0	260,818
June 1994	0	192,092
Total Quarter	0	689,623

TABLE 5 (CONTINUED)

VOLUME SUMMARY 1993 THROUGH 1995
GROUNDWATER TREATMENT SYSTEM
NORTHEAST ENVIRONMENTAL SERVICES, INC.

Date	Treated Surface Waters (Gallons)	Treated Groundwater (Gallons)
July 1994	0	162,185
August 1994	0	194,935
September 1994	0	306,365
Total Quarter	0	663,485
October 1994	0	282,870
November 1994	0	372,433
December 1994	0	332,793
Total Quarter	0	988,096
January 1995	0	406,923
February 1995	0	276,664
March 1995	0	267,596
Total Quarter	0	951,183
April 1995	0	357,087
May 1995	0	324,231
June 1995	0	296,897
Total Quarter	0	978,215
July 1995	0	221,020
August 1995	0	296,305
September 1995	0	292,577
Total Quarter	0	809,902

Date	Treated Surface Water (Gallons)	Treated Groundwater (Gallons)
1993 Annual Total	6,900	1,697,441
1994 Annual Total	0	3,114,984
1995 Annual Total (to date)	0	2,729,332
Cumulative Totals	6,900	7,541,757

VIII. RECOMMENDATIONS

ENSA 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 1996, when frost is not present in the ground.

APPENDIX 1

MONITORING SYSTEM INSPECTIONS
NORTHEAST ENVIRONMENTAL SERVICES, INC.
THIRD QUARTER REPORT 1995

ENSA-95\NES009.1

GROUNDWATER MONITORING SYSTEM
QUARTERLY INSPECTION

Well Designation WP 2S

Date of Inspection 9/22/95 (month/day/year)

Time of Inspection 11:17 am

Inspector's Name(s) Kevin McGovern

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

Weather Conditions 70° Cloudy

Downwind Activities Agriculture

Upwind Activities Agriculture

Evidences of Contamination ND

*U/A - Unacceptable/Acceptable

ENSA-95\NES009.1

GROUNDWATER MONITORING SYSTEM
QUARTERLY INSPECTION

Well Designation WP 2D

Date of Inspection 9/22/95 (month/day/year)

Time of Inspection 11:22 am

Inspector's Name(s) Kevin McGovern

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

Weather Conditions 70° Cloudy

Downwind Activities Agriculture

Upwind Activities Agriculture

Evidences of Contamination ND

*U/A - Unacceptable/Acceptable

ENSA-95\NES009.1

GROUNDWATER MONITORING SYSTEM
QUARTERLY INSPECTION

Well Designation WP 3S

Date of Inspection 9/22/95 (month/day/year)

Time of Inspection 11:37 am

Inspector's Name(s) Kevin McGovern

Item	Types of Problems	*Status U	*Status A	Comments	Action	Date
Well Condition	Flagging Visibility (if applicable)		X			
	Well Number Readable on Outer Casing	X		Obstructed by Cement		
	Integrity of Surface Seal/Apron		X			
	Integrity of Surface Casing		X			
	Corrosion		X			
	Inner Casing/Screen Integrity		X			
	Measuring Point Visibility		X			
	Total Depth					
	Siltation					
	Recharge Rate					
	Other					
Security	Security Cap in Place		X			
	Lock in Place	X		Need Lock	Fitted w/New Lock	9/22/95
	Lock Functional	X		Need Lock	Fitted w/New Lock	9/22/95
	Other					

Weather Conditions 70° Cloudy

Downwind Activities Agriculture

Upwind Activities Agriculture

Evidences of Contamination ND

*U/A - Unacceptable/Acceptable

ENSA-95\NES009.1

GROUNDWATER MONITORING SYSTEM
QUARTERLY INSPECTION

Well Designation WP 3D

Date of Inspection 9/22/95 (month/day/year)

Time of Inspection 11:32 am

Inspector's Name(s) Kevin McGovern

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

Weather Conditions 70° Cloudy

Downwind Activities Agriculture

Upwind Activities Agriculture

Evidences of Contamination ND

*U/A - Unacceptable/Acceptable

ENSA-95\NES009.1

GROUNDWATER MONITORING SYSTEM
QUARTERLY INSPECTION

Well Designation WP 4S

Date of Inspection 9/22/95 (month/day/year)

Time of Inspection 11:53 am

Inspector's Name(s) Kevin McGovern

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

Weather Conditions 70° Cloudy

Downwind Activities Agriculture

Upwind Activities Agriculture

Evidences of Contamination ND

*U/A - Unacceptable/Acceptable

ENSA-95\NES009.1

GROUNDWATER MONITORING SYSTEM
QUARTERLY INSPECTION

Well Designation WP 4D

Date of Inspection 9/22/95 (month/day/year)

Time of Inspection 11:58 am

Inspector's Name(s) Kevin McGovern

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

Weather Conditions 70° Cloudy

Downwind Activities Agriculture

Upwind Activities Agriculture

Evidences of Contamination ND

*U/A - Unacceptable/Acceptable

ENSA-95\NES009.1

GROUNDWATER MONITORING SYSTEM
QUARTERLY INSPECTION

Well Designation WP 5S

Date of Inspection 9/22/95 (month/day/year)

Time of Inspection 9:59 am

Inspector's Name(s) Kevin McGovern

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

Weather Conditions 70° Cloudy

Downwind Activities Agriculture

Upwind Activities Agriculture

Evidences of Contamination ND

*U/A - Unacceptable/Acceptable

ENSA-95\NES009.1

GROUNDWATER MONITORING SYSTEM
QUARTERLY INSPECTION

Well Designation WP 5D

Date of Inspection 9/22/95 (month/day/year)

Time of Inspection 9:55 am

Inspector's Name(s) Kevin McGovern

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

Weather Conditions 70° Cloudy

Downwind Activities NES, Inc. Facility, Canal Rd.

Upwind Activities Agriculture

Evidences of Contamination ND

*U/A - Unacceptable/Acceptable

GROUNDWATER MONITORING SYSTEM
QUARTERLY INSPECTION

Well Designation WP 6S

Date of Inspection 9/22/95 (month/day/year)

Time of Inspection 11:08 am

Inspector's Name(s) Kevin McGovern

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

Weather Conditions 70° Cloudy

Downwind Activities Agriculture

Upwind Activities NES, Inc., Canal Rd. Facility

Evidences of Contamination ND

U/A - Unacceptable/Acceptable

ENSA-95\NES009.1

GROUNDWATER MONITORING SYSTEM
QUARTERLY INSPECTION

Well Designation WP 6D

Date of Inspection 9/22/95 (month/day/year)

Time of Inspection 11:12 am

Inspector's Name(s) Kevin McGovern

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

Weather Conditions 70° Cloudy

Downwind Activities Agriculture

Upwind Activities NES, Inc. Facility, Canal Rd.

Evidences of Contamination ND

*U/A - Unacceptable/Acceptable

ENSA-95\NES009.1

GROUNDWATER MONITORING SYSTEM
QUARTERLY INSPECTION

Well Designation WP 8S

Date of Inspection 9/22/95 (month/day/year)

Time of Inspection 10:04 am

Inspector's Name(s) Kevin McGovern

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

Weather Conditions 70° Cloudy

Downwind Activities Agriculture

Upwind Activities Agriculture

Evidences of Contamination ND

*U/A - Unacceptable/Acceptable

GROUNDWATER MONITORING SYSTEM
QUARTERLY INSPECTION

Well Designation WP 8D

Date of Inspection 9/22/95 (month/day/year)

Time of Inspection 10:10 am

Inspector's Name(s) Kevin McGovern

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

Weather Conditions 70° Cloudy

Downwind Activities Agriculture

Upwind Activities Agriculture

Evidences of Contamination ND

*U/A - Unacceptable/Acceptable

ENSA-95\NES009.1

GROUNDWATER MONITORING SYSTEM
QUARTERLY INSPECTION

Well Designation WP 9S

Date of Inspection 9/22/95 (month/day/year)

Time of Inspection 10:41 am

Inspector's Name(s) Kevin McGovern

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

Weather Conditions 70° Cloudy

Downwind Activities Agriculture

Upwind Activities Agriculture

Evidences of Contamination ND

*U/A - Unacceptable/Acceptable

ENSA-95\NES009.1

GROUNDWATER MONITORING SYSTEM
QUARTERLY INSPECTION

Well Designation WP 9D

Date of Inspection 9/22/95 (month/day/year)

Time of Inspection 10:49 am

Inspector's Name(s) Kevin McGovern

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

Weather Conditions 70° Cloudy

Downwind Activities Agriculture

Upwind Activities Agriculture

Evidences of Contamination ND

*U/A - Unacceptable/Acceptable

ENSA-95\NES009.1

GROUNDWATER MONITORING SYSTEM
QUARTERLY INSPECTION

Well Designation WP 10S

Date of Inspection 9/22/95 (month/day/year)

Time of Inspection 10:17 am

Inspector's Name(s) Kevin McGovern

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

Weather Conditions 70° Cloudy

Downwind Activities Agriculture

Upwind Activities Agriculture

Evidences of Contamination ND

*U/A - Unacceptable/Acceptable

ENSA-95\NES009.1

GROUNDWATER MONITORING SYSTEM
QUARTERLY INSPECTION

Well Designation WP 10D

Date of Inspection 9/22/95 (month/day/year)

Time of Inspection 10:23 am

Inspector's Name(s) Kevin McGovern

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

Weather Conditions 70° Cloudy

Downwind Activities Agriculture

Upwind Activities Agriculture

Evidences of Contamination ND

*U/A - Unacceptable/Acceptable

ENSA-95\NES009.1

GROUNDWATER MONITORING SYSTEM
QUARTERLY INSPECTION

Well Designation WP 11S

Date of Inspection 9/22/95 (month/day/year)

Time of Inspection 9:24 am

Inspector's Name(s) Kevin McGovern

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

Weather Conditions 70° Cloudy

Downwind Activities Erie Canal State Park

Upwind Activities Agriculture

Evidences of Contamination ND

*U/A - Unacceptable/Acceptable

ENSA-95\NES009.1

GROUNDWATER MONITORING SYSTEM
QUARTERLY INSPECTION

Well Designation WP 11D

Date of Inspection 9/22/95 (month/day/year)

Time of Inspection 9:24 am

Inspector's Name(s) Kevin McGovern

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

Weather Conditions 70° Cloudy

Downwind Activities Erie Canal State Park

Upwind Activities Agriculture

Evidences of Contamination ND

*U/A - Unacceptable/Acceptable

ENSA-95\NES009.1

GROUNDWATER MONITORING SYSTEM
QUARTERLY INSPECTION

Well Designation WP 12

Date of Inspection 9/22/95 (month/day/year)

Time of Inspection 9:24 am

Inspector's Name(s) Kevin McGovern

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

Weather Conditions 70° Cloudy

Downwind Activities Erie Canal State Park

Upwind Activities Agriculture

Evidences of Contamination ND

*U/A - Unacceptable/Acceptable

ENSA-95\NES009.1

GROUNDWATER MONITORING SYSTEM
QUARTERLY INSPECTION

Well Designation WP 13

Date of Inspection 9/22/95 (month/day/year)

Time of Inspection 10:34 am

Inspector's Name(s) Kevin McGovern

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

Weather Conditions 70° Cloudy

Downwind Activities Agriculture

Upwind Activities Agriculture

Evidences of Contamination ND

*U/A - Unacceptable/Acceptable

ENSA-95\NES009.1

GROUNDWATER MONITORING SYSTEM
QUARTERLY INSPECTION

Well Designation WP CS-1

Date of Inspection 9/22/95 (month/day/year)

Time of Inspection 9:41 am

Inspector's Name(s) Kevin McGovern

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

Weather Conditions 70° Cloudy

Downwind Activities NES, Inc. Facility, Canal Rd.

Upwind Activities Agriculture

Evidences of Contamination ND

*U/A - Unacceptable/Acceptable

ENSA-95\NES009.1

GROUNDWATER MONITORING SYSTEM
QUARTERLY INSPECTION

Well Designation WP CD-2

Date of Inspection 9/22/95 (month/day/year)

Time of Inspection 9:46 am

Inspector's Name(s) Kevin McGovern

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

Weather Conditions 70° Cloudy

Downwind Activities NES Facility, Canal Rd.

Upwind Activities Agriculture

Evidences of Contamination ND

*U/A - Unacceptable/Acceptable

ENSA-95\NES009.1

GROUNDWATER MONITORING SYSTEM
QUARTERLY INSPECTION

Well Designation WP ES-1

Date of Inspection 9/22/95 (month/day/year)

Time of Inspection 11:03 am

Inspector's Name(s) Kevin McGovern

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

Weather Conditions 70° Cloudy

Downwind Activities Agriculture

Upwind Activities Agriculture

Evidences of Contamination ND

*U/A - Unacceptable/Acceptable

ENSA-95\NES009.1

GROUNDWATER MONITORING SYSTEM
QUARTERLY INSPECTION

Well Designation WP ED-2

Date of Inspection 9/22/95 (month/day/year)

Time of Inspection 10:55 am

Inspector's Name(s) Kevin McGovern

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

Weather Conditions 70° Cloudy

Downwind Activities Agriculture

Upwind Activities Agriculture

Evidences of Contamination ND

*U/A - Unacceptable/Acceptable

ENSA-95\NES009.1

GROUNDWATER MONITORING SYSTEM
QUARTERLY INSPECTION

Well Designation WP TD-1

Date of Inspection 9/22/95 (month/day/year)

Time of Inspection 11:44 am

Inspector's Name(s) Kevin McGovern

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

Weather Conditions 70° Cloudy

Downwind Activities Agriculture

Upwind Activities Agriculture

Evidences of Contamination ND

*U/A - Unacceptable/Acceptable

GROUNDWATER MONITORING SYSTEM
QUARTERLY INSPECTION

Well Designation WP R-1

Date of Inspection 9/22/95 (month/day/year)

Time of Inspection 11:49 am

Inspector's Name(s) Kevin McGovern

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

Weather Conditions 70° Cloudy

Downwind Activities Agriculture

Upwind Activities Agriculture

Evidences of Contamination ND

*U/A - Unacceptable/Acceptable

NES - Canal Street Facility
Well and Groundwater Data
9/22/95

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	16.94	15.00	10.00	2.40	0.46	4.60	5.03	1.01
2D	26.61	25.00	10.00	1.60	-0.01	-0.10	10.12	2.02
3S	16.50	15.00	10.00	2.40	0.90	9.00	4.85	0.97
3D	28.90	27.00	15.00	1.70	-0.20	-1.33	11.34	2.27
4S	17.16	15.00	10.00	2.40	0.24	2.40	5.25	1.05
4D	28.74	28.00	15.00	1.90	1.16	7.73	11.11	2.22
5S	16.68	15.00	10.00	2.20	0.52	5.20	5.08	1.02
5D	30.27	29.00	15.00	1.90	0.63	4.20	12.30	2.46
6S	14.88	15.00	10.00	2.10	2.22	22.20	4.73	0.95
6D	26.28	25.00	10.00	1.60	0.32	3.20	10.54	2.11
8S	18.36	17.00	15.00	2.40	1.04	6.93	5.95	1.19
8D	31.13	30.00	15.00	1.50	0.37	2.47	12.91	2.58
9S	18.06	17.00	15.00	2.40	1.34	8.93	5.91	1.18
9D	31.35	30.00	15.00	1.50	0.15	1.00	12.99	2.60
10S	19.16	17.00	15.00	2.20	0.04	0.27	6.62	1.32
10D	30.39	29.50	15.00	1.70	0.81	5.40	12.82	2.56
11S	14.53	15.00	10.00	0.00	0.47	4.70	5.93	1.19
11D	21.14	21.50	10.00	0.00	0.36	3.60	9.22	1.84
12	30.46	30.00	5.00	0.00	-0.46	-9.20	14.19	2.84
13	36.78	32.00	5.00	2.20	-2.58	-51.60	15.70	3.14
CS - 1	11.05	17.00	7.00	3.10	9.05	129.29	2.03	0.41
CD - 1	26.88	28.00	11.00	2.00	3.12	28.36	10.71	2.14
ES - 1	14.45	13.00	9.00	3.00	1.55	17.22	3.59	0.72
ED - 2	28.24	26.00	11.00	3.30	1.06	9.64	10.56	2.11
TD - 1	20.35	17.00	7.00	2.10	-1.25	-17.86	61.02	12.20
R - 1								

APPENDIX 2

WATER TABLE ELEVATION DATA - MONITORING WELL DATA
NORTHEAST ENVIRONMENTAL SERVICES, INC.
THIRD QUARTER REPORT 1995

NES - Canal Street Facility
Well and Groundwater Data

Well I.D.	Well Elevation (feet) amsl	Date	Depth (feet)	Groundwater Elevation (feet) amsl	Date	Depth (feet)	Groundwater Elevation (feet) amsl
2S	423.14	7/28/95	6.79	416.35			
2D	422.90	7/28/95	6.53	416.37			
3S	423.61	7/28/95	6.68	416.93			
3D	423.48	7/28/95	6.39	417.09			
4S	422.71	7/28/95	6.66	416.05			
4D	422.48	7/28/95	7.06	415.42			
5S	422.19	7/28/95	6.47	415.72			
5D	421.64	7/28/95	5.99	415.65			
6S	423.60	7/28/95	5.21	418.39			
6D	423.33	7/28/95	5.26	418.07			
8S	422.20	7/28/95	6.45	415.75			
8D	421.29	7/28/95	5.64	415.65			
9S	422.13	7/28/95	6.10	416.03			
9D	421.56	7/28/95	5.78	415.78			
10S	421.61	7/28/95	5.91	415.70			
10D	420.65	7/28/95	5.00	415.65			
11S	423.52	7/28/95	2.61	420.91			
11D	423.47	7/28/95	2.73	420.74			
12	423.60	7/28/95	2.40	421.20			
13	421.76	7/28/95	5.85	415.91			
CS - 1	422.77	7/28/95	6.82	415.95			
CD - 1	421.53	7/28/95	5.54	415.99			
ES - 1	423.45	7/28/95	7.03	416.42			
ED - 2	423.35	7/28/95	7.22	416.13			
TD - 1	420.74	7/28/95	5.54	415.20			
R - 1	422.02	7/28/95	17.55	404.47			

Revised by KJM 9/16/94

NES - Canal Street Facility
Well and Groundwater Data

Well I.D.	Well Elevation (feet) amsl	Date	Depth (feet)	Groundwater Elevation (feet) amsl	Date	Depth (feet)	Groundwater Elevation (feet) amsl
2S	423.14	8/25/95	7.51	415.63			
2D	422.90	8/25/95	7.35	415.55			
3S	423.61	8/25/95	7.49	416.12			
3D	423.48	8/25/95	7.10	416.38			
4S	422.71	8/25/95	7.39	415.32			
4D	422.48	8/25/95	7.77	414.71			
5S	422.19	8/25/95	7.11	415.08			
5D	421.64	8/25/95	6.64	415.00			
6S	423.60	8/25/95	5.90	417.70			
6D	423.33	8/25/95	5.93	417.40			
8S	422.20	8/25/95	7.03	415.17			
8D	421.29	8/25/95	6.26	415.03			
9S	422.13	8/25/95	6.67	415.46			
9D	421.56	8/25/95	6.40	415.16			
10S	421.61	8/25/95	6.53	415.08			
10D	420.65	8/25/95	5.67	414.98			
11S	423.52	8/25/95	3.11	420.41			
11D	423.47	8/25/95	3.90	419.57			
12	423.60	8/25/95	2.85	420.75			
13	421.76	8/25/95	6.56	415.20			
CS - 1	422.77	8/25/95	7.52	415.25			
CD - 2	421.53	8/25/95	6.40	415.13			
ES - 1	423.45	8/25/95	7.49	415.96			
ED - 2	423.35	8/25/95	7.95	415.40			
TD - 1	420.74	8/25/95	7.45	413.29			
R - 1	422.02	8/25/95	16.08	405.94			

Revised by KJM 8/2/95

NES - Canal Street Facility
Well and Groundwater Data

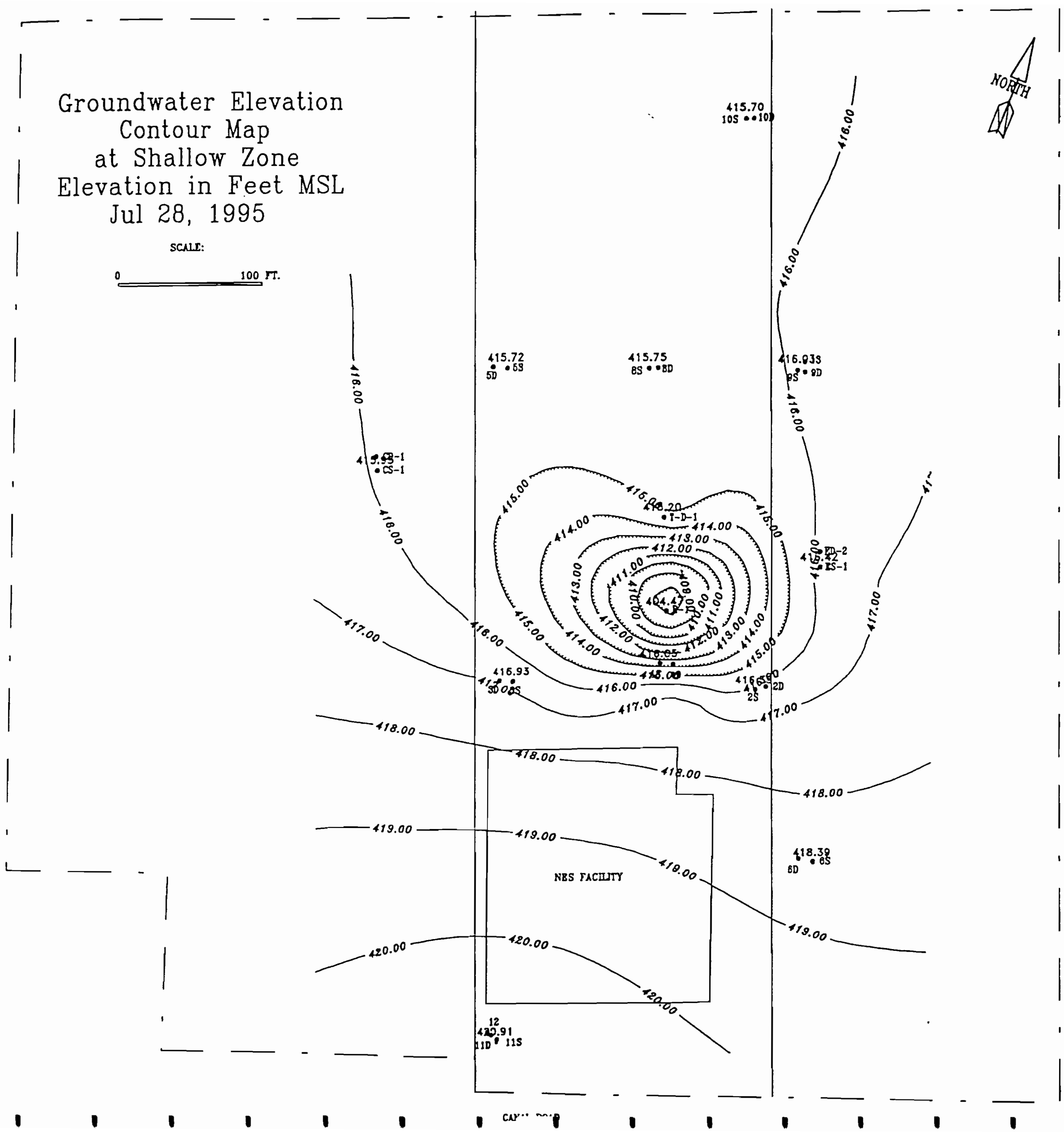
Well I.D.	Well Elevation (feet) amsl	Date	Depth (feet)	Groundwater Elevation (feet) amsl	Date	Depth (feet)	Groundwater Elevation (feet) amsl
2S	423.14				9/22/95	7.08	416.06
2D	422.90				9/22/95	6.76	416.14
3S	423.61				9/22/95	7.00	416.61
3D	423.48				9/22/95	6.67	416.81
4S	422.71				9/22/95	6.86	415.85
4D	422.48				9/22/95	6.96	415.52
5S	422.19				9/22/95	6.71	415.48
5D	421.64				9/22/95	6.16	415.48
6S	423.60				9/22/95	5.60	418.00
6D	423.33				9/22/95	5.61	417.72
8S	422.20				9/22/95	6.69	415.51
8D	421.29				9/22/95	5.81	415.48
9S	422.13				9/22/95	6.48	415.65
9D	421.56				9/22/95	5.88	415.68
10S	421.61				9/22/95	6.18	415.43
10D	420.65				9/22/95	5.25	415.40
11S	423.52				9/22/95	2.90	420.62
11D	423.47				9/22/95	3.07	420.40
12	423.60				9/22/95	2.64	420.96
13	421.76				9/22/95	5.99	415.77
CS - 1	422.77				9/22/95	7.06	415.71
CD - 2	421.53				9/22/95	5.88	415.65
ES - 1	423.45				9/22/95	7.41	416.04
ED - 2	423.35				9/22/95	7.53	415.82
TD - 1	420.74				9/22/95	6.79	413.95
R - 1	422.02				9/22/95	14.13	407.89

Revised by KJM 8/2/95

APPENDIX 3

GROUNDWATER ELEVATION CONTOUR MAPS
NORTHEAST ENVIRONMENTAL SERVICES, INC.
THIRD QUARTER REPORT 1995

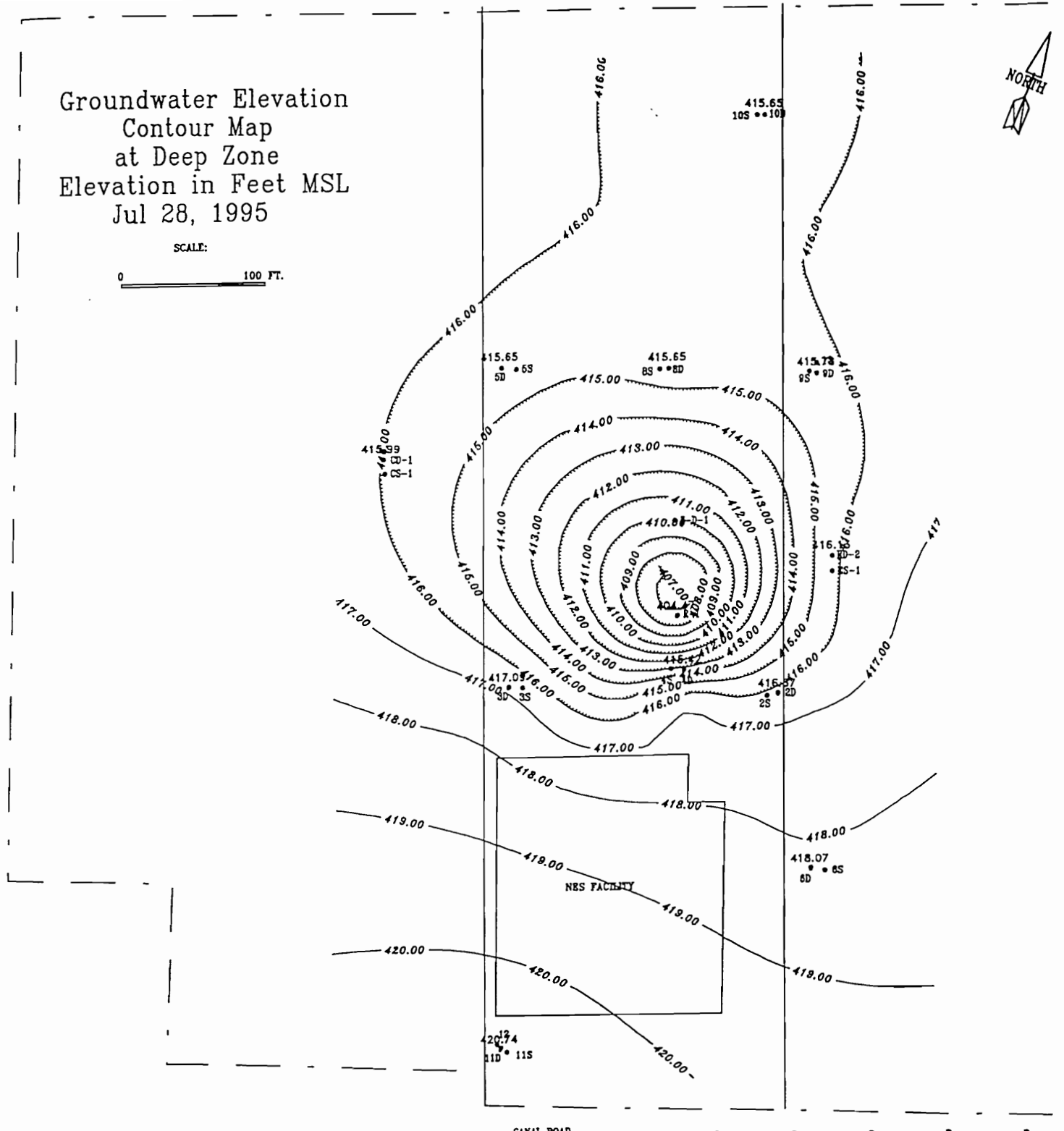
Groundwater Elevation Contour Map at Shallow Zone Elevation in Feet MSL Jul 28, 1995



Groundwater Elevation Contour Map at Deep Zone Elevation in Feet MSL Jul 28, 1995

SCALE:

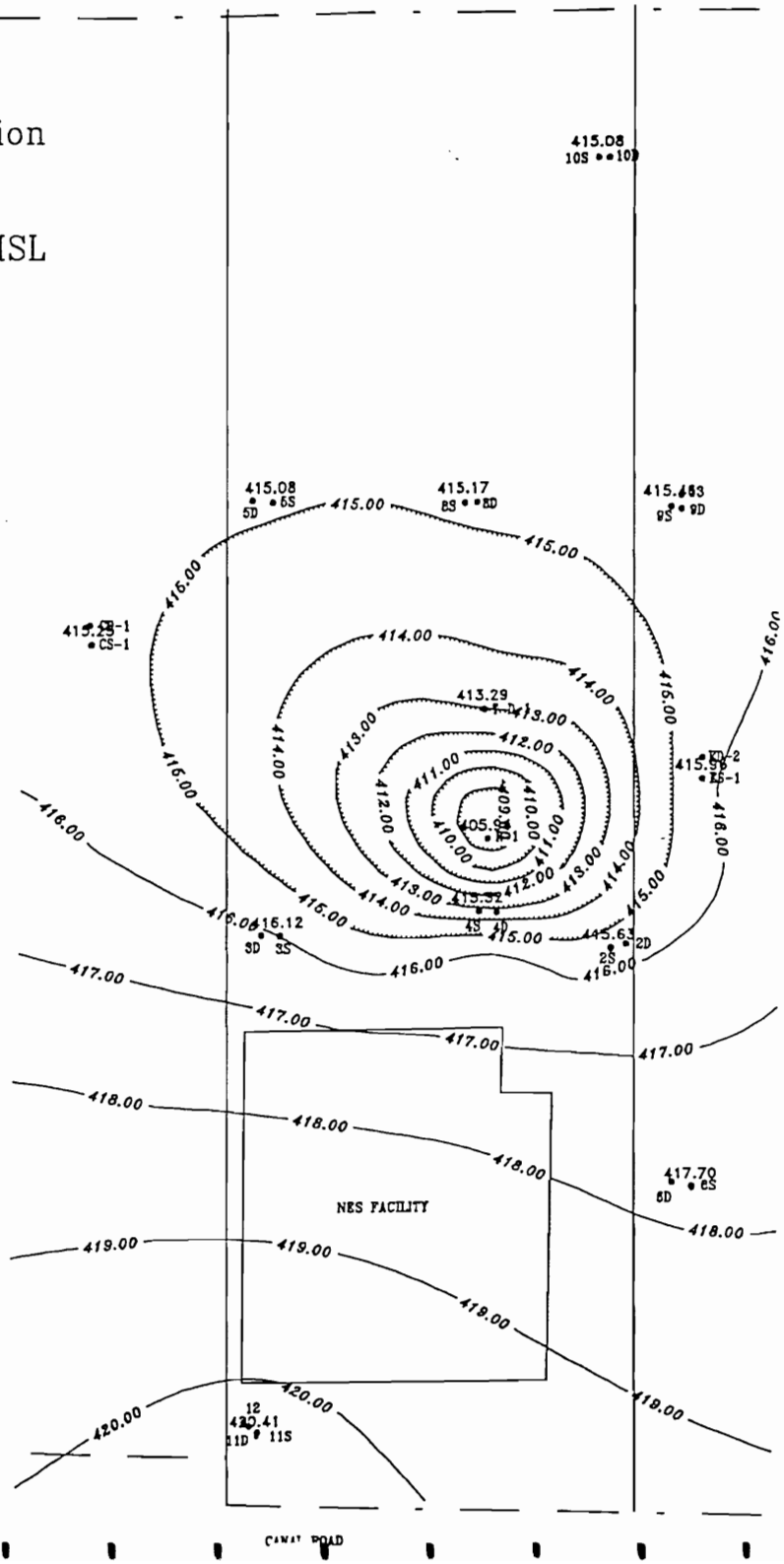
0 100 FT.



Groundwater Elevation Contour Map at Shallow Zone Elevation in Feet MSL Aug 25, 1995

SCALE:

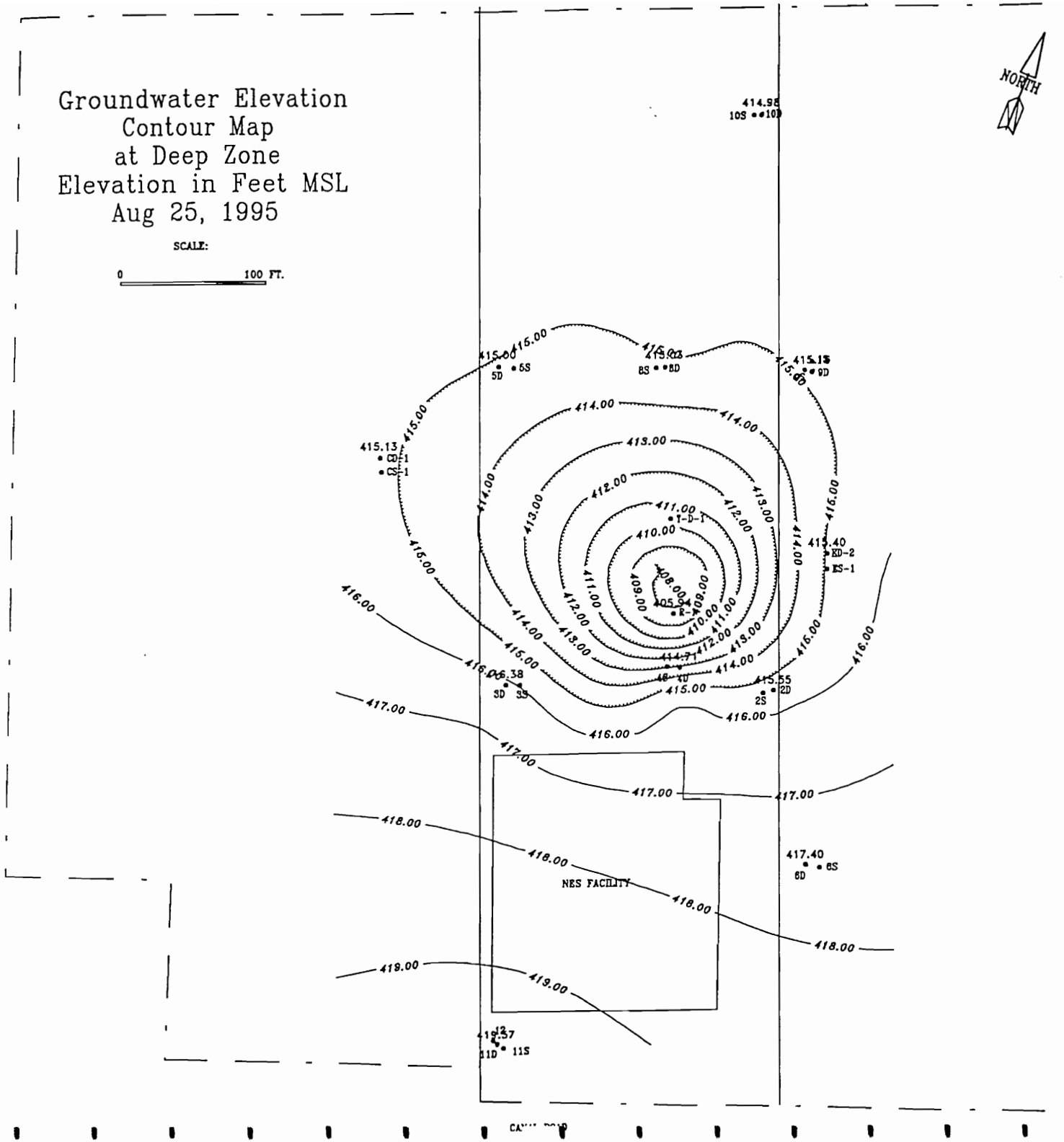
0 100 FT.



Groundwater Elevation Contour Map at Deep Zone Elevation in Feet MSL Aug 25, 1995

SCALE:

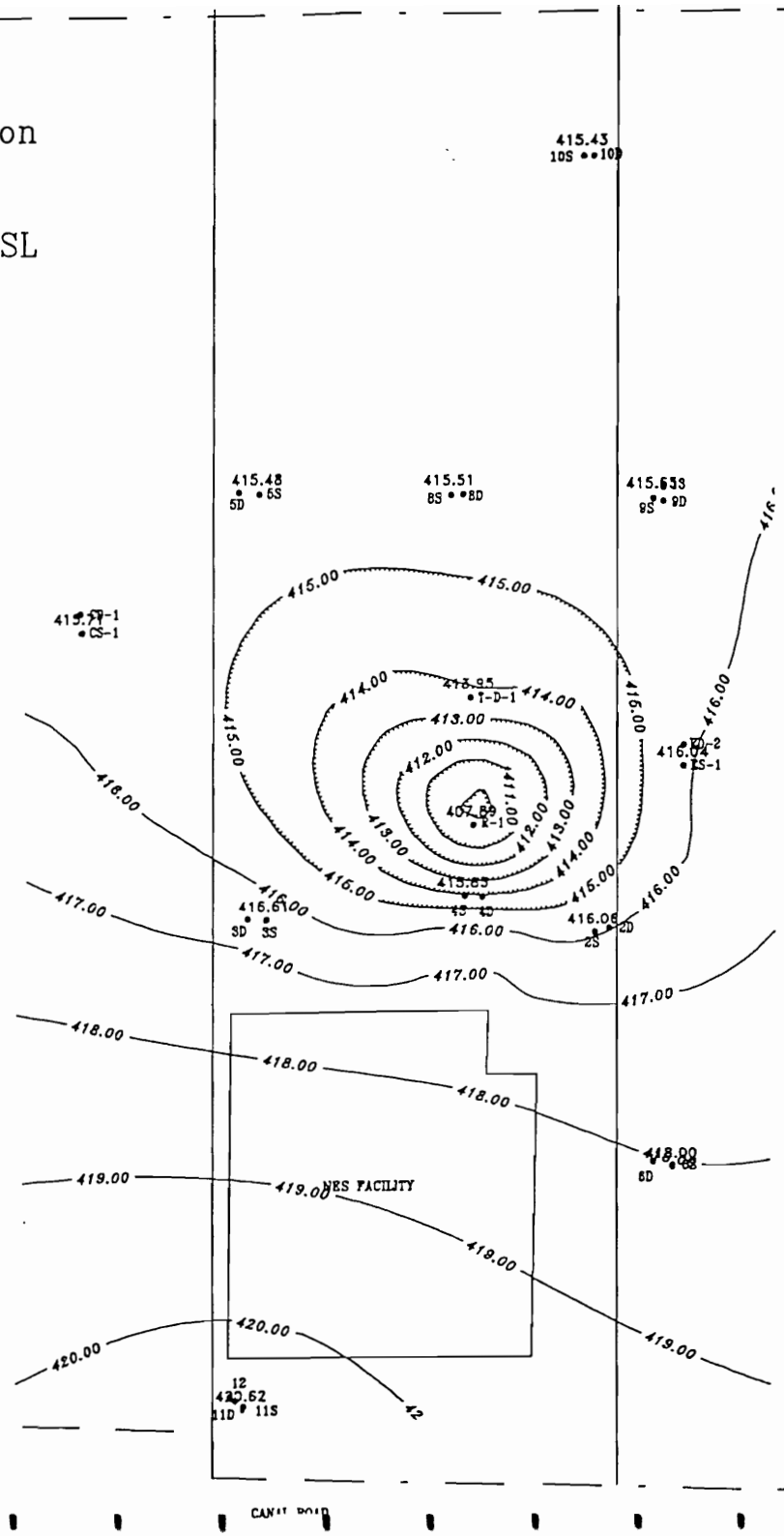
0 100 FT.

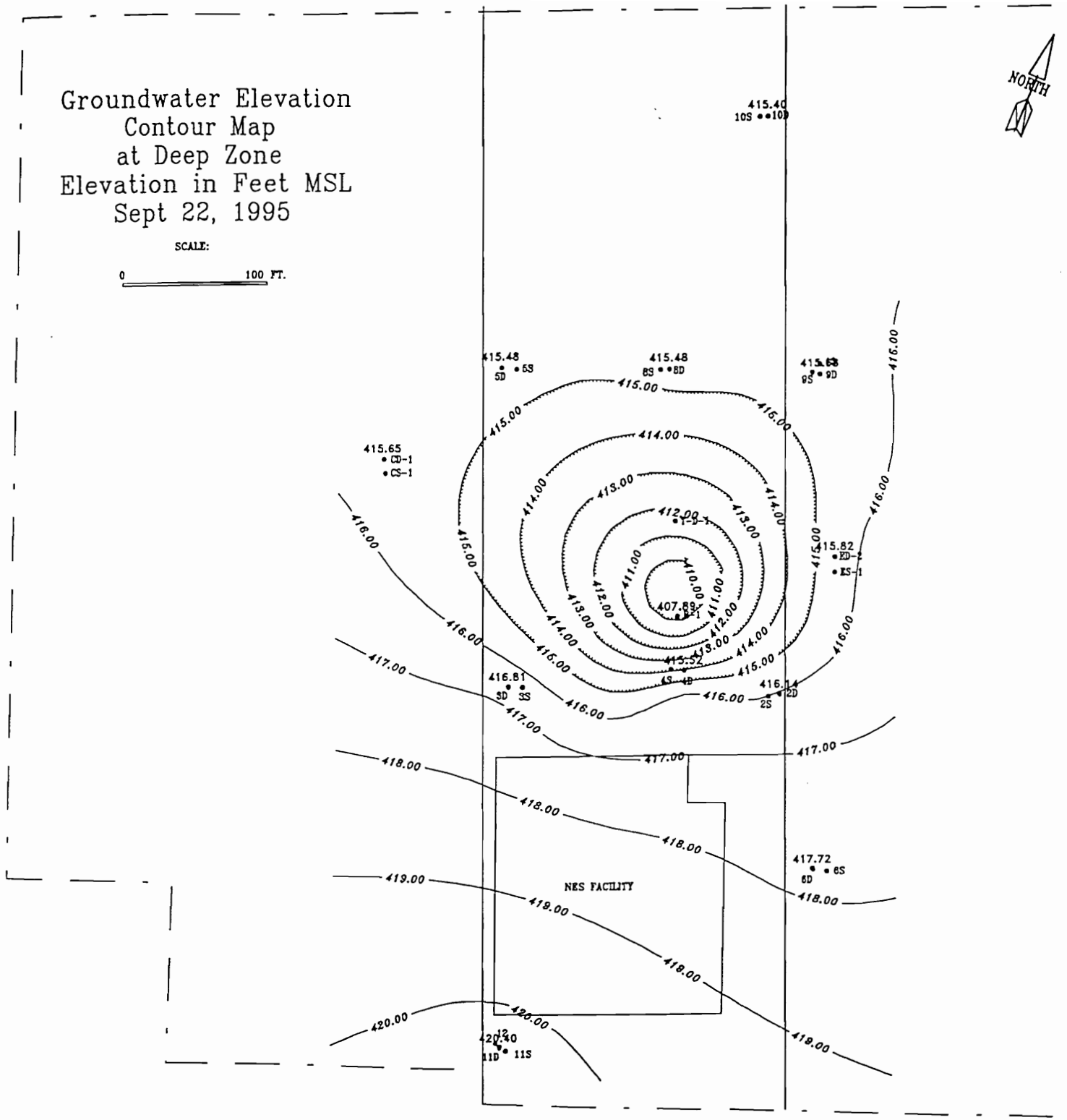


Groundwater Elevation Contour Map at Shallow Zone Elevation in Feet MSL Sept 22, 1995

SCALE:

0 100 FT.




Groundwater Elevation
Contour Map
at Deep Zone
Elevation in Feet MSL
Sept 22, 1995
SCALE:
0
100 FT.
NORTH
415.40
10S
10D
415.48
5D
5S
415.48
8S
8D
9S
9D
415.65
CD-1
CS-1
412.00
1-D-1
415.82
ED-2
ES-1
407.89
411.00
410.00
415.52
4S
4D
416.81
3D
3S
416.14
2D
2S
417.72
6D
6S
NES FACILITY
420.40
11D
11S
415.00
414.00
413.00
412.00
411.00
410.00
416.00
417.00
418.00
419.00
420.00

APPENDIX 4

MONITORING WELL SAMPLING DATA SHEETS
NORTHEAST ENVIRONMENTAL SERVICES, INC.
THIRD QUARTER REPORT 1995

MONITORING WELL SAMPLING DATA SHEET
GROUNDWATER MONITORING SYSTEM

Sample # 4

Well # WP 2S _____ Upgradient/ X Downgradient

Total Well Depth (Installed) 15.0' Total Well Depth (Measured) 16.94'

Depth to Groundwater (Measured) 7.08' Well Stick Up 2.4'

WELL PURGING DATA

Time Purging (Began) 10:38 Minimum Purge Volume 5.03 Gal.

Time Purging (Ended) 10:55 Time Allowed for Recovery 55 min.

Depth to Water at Conclusion of Purging/Time 13.27

Depth to Water after Recovery/Time 7.12

Total Volume of Water Removed During Purging 8.0 gallons

FIELD OBSERVATIONS/MEASUREMENTS

pH 6.5, Temperature 15.2, Specific Conductance 803

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

Color Pale Transparent Brown Layer None

Sheen None Free Product None

Turbidity Brown-Moderate

SAMPLE INFORMATION

Sample Collected (Date/Time) 9/25/95 / 11:50 Water Level 7.12

Sample Bottleware (Parameters Preservations) 2 x 40 ml/glass w/ $Na_2S_2O_3$

1 l/plastic w/ HNO_3

Sampling Personnel Kevin McGovern and Rich Jones

Inspectors/Officials Present None

Laboratory Used Life Science Laboratories, Inc.

Samples Delivered (Date/Time) 9/26/95 16:32

COMMENTS

Weather Conditions Cool and Cloudy

Blank Samples Collected None

Duplicate Samples Collected None

Duplicate Field Measurements None

Purging/Sampling Comments None

Personal Protective Equipment Used Level D

Split Samples: Agency ---

Parameters ---

Containers ---

MONITORING WELL SAMPLING DATA SHEET
GROUNDWATER MONITORING SYSTEM

Sample # 10

Well # WP 3S _____ Upgradient/ X Downgradient

Total Well Depth (Installed) 15.0' Total Well Depth (Measured) 16.5''

Depth to Groundwater (Measured) 7.0' Well Stick Up 2.4'

WELL PURGING DATA

Time Purging (Began) 15:42 Minimum Purge Volume 4.85 Gal.

Time Purging (Ended) 15:54 Time Allowed for Recovery 16 min.

Depth to Water at Conclusion of Purging/Time 13.78

Depth to Water after Recovery/Time 7.18

Total Volume of Water Removed During Purging 7.6 gallons

FIELD OBSERVATIONS/MEASUREMENTS

pH 6.6, Temperature 14.4, Specific Conductance 800

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

Color Pale Red Brown Layer None

Sheen None Free Product None

Turbidity Moderate

SAMPLE INFORMATION

Sample Collected (Date/Time) 9/25/95 / 16:10 Water Level 7.18

Sample Bottleware (Parameters Preservations) 2 x 40 ml/glass w/ $Na_2S_2O_3$

1 l/plastic w/ HNO_3

Sampling Personnel Kevin McGovern and Rich Jones

Inspectors/Officials Present None

Laboratory Used Life Science Laboratories, Inc.

Samples Delivered (Date/Time) 9/26/95 16:32

COMMENTS

Weather Conditions Cool and Cloudy

Blank Samples Collected NA

Duplicate Samples Collected NA

Duplicate Field Measurements NA

Purging/Sampling Comments NA

Personal Protective Equipment Used Level D

Split Samples: Agency ---

Parameters ---

Containers ---

MONITORING WELL SAMPLING DATA SHEET
GROUNDWATER MONITORING SYSTEM

Sample # 1

Well # WP 4S _____ Upgradient/ X Downgradient

Total Well Depth (Installed) 15.0' Total Well Depth (Measured) 17.16'

Depth to Groundwater (Measured) 6.86' Well Stick Up 2.4'

WELL PURGING DATA

Time Purging (Began) 10:58 Minimum Purge Volume 5.25 Gal.

Time Purging (Ended) 11:12 Time Allowed for Recovery 9 min.

Depth to Water at Conclusion of Purging/Time 8.26'

Depth to Water after Recovery/Time 6.88'

Total Volume of Water Removed During Purging 7.8 gallons

FIELD OBSERVATIONS/MEASUREMENTS

pH 6.8, Temperature 14.4, Specific Conductance 1,178

HnU Readings (Well Casing) 200+ (Work Space) 2.0 - 3.0

Color Clear - Dark Grey Layer None

Sheen Slight Free Product None

Turbidity None

SAMPLE INFORMATION

Sample Collected (Date/Time) 9/25/95 / 11:21 Water Level 6.88

Sample Bottleware (Parameters Preservations) 2 x 40 ml/glass w/ $Na_2S_2O_3$

1 l/plastic w/ HNO_3

Sampling Personnel Kevin McGovern and Rich Jones

Inspectors/Officials Present None

Laboratory Used Life Science Laboratories, Inc.

Samples Delivered (Date/Time) 9/26/95 16:32

COMMENTS

Weather Conditions Cool and Cloudy

Blank Samples Collected None

Duplicate Samples Collected None

Duplicate Field Measurements None

Purging/Sampling Comments None

Personal Protective Equipment Used Level D

Split Samples: Agency ---

Parameters ---

Containers ---

MONITORING WELL SAMPLING DATA SHEET
GROUNDWATER MONITORING SYSTEM

Sample # 8

Well # WP 5S _____ Upgradient/ X Downgradient

Total Well Depth (Installed) 15.0' Total Well Depth (Measured) 16.68'

Depth to Groundwater (Measured) 6.71' Well Stick Up 2.2'

WELL PURGING DATA

Time Purging (Began) 13:55 Minimum Purge Volume 5.08 Gal.

Time Purging (Ended) 14:12 Time Allowed for Recovery 43 min.

Depth to Water at Conclusion of Purging/Time 7.45'

Depth to Water after Recovery/Time 6.72'

Total Volume of Water Removed During Purging 8.0 gallons

FIELD OBSERVATIONS/MEASUREMENTS

pH 6.7, Temperature 14.7, Specific Conductance 560

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

Color Pale Translucent Red Brown Layer None

Sheen None Free Product None

Turbidity Slight

SAMPLE INFORMATION

Sample Collected (Date/Time) 9/25/95 / 14:55 Water Level 6.72

Sample Bottleware (Parameters Preservations) 2 x 40 ml/glass w/ $Na_2S_2O_3$

1 l/plastic w/ HNO_3

Sampling Personnel Kevin McGovern and Rich Jones

Inspectors/Officials Present None

Laboratory Used Life Science Laboratories, Inc.

Samples Delivered (Date/Time) 9/26/95 16:32

COMMENTS

Weather Conditions Cool and Cloudy

Blank Samples Collected None

Duplicate Samples Collected None

Duplicate Field Measurements None

Purging/Sampling Comments None

Personal Protective Equipment Used Level D

Split Samples: Agency ---

Parameters ---

Containers ---

MONITORING WELL SAMPLING DATA SHEET
GROUNDWATER MONITORING SYSTEM

Sample # 6

Well # WP 5D _____ Upgradient/ X Downgradient

Total Well Depth (Installed) 29.0' Total Well Depth (Measured) 30.27'

Depth to Groundwater (Measured) 6.16' Well Stick Up 1.9'

WELL PURGING DATA

Time Purging (Began) 14:20 Minimum Purge Volume 12.3 Gal.

Time Purging (Ended) 14:35 Time Allowed for Recovery 25 min.

Depth to Water at Conclusion of Purging/Time 7.96'

Depth to Water after Recovery/Time 6.19'

Total Volume of Water Removed During Purging 18.0 gallons

FIELD OBSERVATIONS/MEASUREMENTS

pH 6.0, Temperature 13.6, Specific Conductance 662

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

Color Clear Layer None

Sheen None Free Product None

Turbidity None

SAMPLE INFORMATION

Sample Collected (Date/Time) 9/25/95 / 15:01 Water Level 6.19

Sample Bottleware (Parameters Preservations) 2 x 40 ml/glass w/ $Na_2S_2O_3$

1 l/plastic w/ HNO_3

Sampling Personnel Kevin McGovern and Rich Jones

Inspectors/Officials Present None

Laboratory Used Life Science Laboratories, Inc.

Samples Delivered (Date/Time) 9/26/95 16:32

COMMENTS

Weather Conditions Cool and Cloudy

Blank Samples Collected NA

Duplicate Samples Collected Duplicate Sample Collected

Duplicate Field Measurements NA

Purging/Sampling Comments NA

Personal Protective Equipment Used Level D

Split Samples: Agency ---

Parameters ---

Containers ---

MONITORING WELL SAMPLING DATA SHEET
GROUNDWATER MONITORING SYSTEM

Sample # 7

Well # WP 8S _____ Upgradient/ X Downgradient

Total Well Depth (Installed) 17.0' Total Well Depth (Measured) 18.36'

Depth to Groundwater (Measured) 6.69' Well Stick Up 2.4'

WELL PURGING DATA

Time Purging (Began) 14:03 Minimum Purge Volume 5.95 Gal.

Time Purging (Ended) 14:10 Time Allowed for Recovery 41 min.

Depth to Water at Conclusion of Purging/Time 7.02'

Depth to Water after Recovery/Time 6.69'

Total Volume of Water Removed During Purging 6.0 gallons

FIELD OBSERVATIONS/MEASUREMENTS

pH 6.7, Temperature 15.7, Specific Conductance 571

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

Color Pale Reddish Brown Layer ND

Sheen ND Free Product ND

Turbidity Moderate

SAMPLE INFORMATION

Sample Collected (Date/Time) 9/25/95 / 14:51 Water Level 6.69'

Sample Bottleware (Parameters Preservations) 2 x 40 ml/glass w/ $Na_2S_2O_3$

1 l/plastic w/ HNO_3

Sampling Personnel Kevin McGovern and Rich Jones

Inspectors/Officials Present None

Laboratory Used Life Science Laboratories, Inc.

Samples Delivered (Date/Time) 9/26/95 16:32

COMMENTS

Weather Conditions Cool and Cloudy

Blank Samples Collected None

Duplicate Samples Collected None

Duplicate Field Measurements None

Purging/Sampling Comments None

Personal Protective Equipment Used Level D

Split Samples: Agency ---

Parameters ---

Containers ---

MONITORING WELL SAMPLING DATA SHEET
GROUNDWATER MONITORING SYSTEM

Sample # 9

Well # WP 8D _____ Upgradient/ X Downgradient

Total Well Depth (Installed) 30.0' Total Well Depth (Measured) 31.13'

Depth to Groundwater (Measured) 5.81' Well Stick Up 1.5'

WELL PURGING DATA

Time Purging (Began) 14:15 Minimum Purge Volume 12.91 Gal.

Time Purging (Ended) 14:32 Time Allowed for Recovery 12 min.

Depth to Water at Conclusion of Purging/Time 6.72'

Depth to Water after Recovery/Time 5.81'

Total Volume of Water Removed During Purging 14.0 gallons

FIELD OBSERVATIONS/MEASUREMENTS

pH 6.5, Temperature 13.3, Specific Conductance 717

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

Color Clear Layer ND

Sheen ND Free Product ND

Turbidity ND

SAMPLE INFORMATION

Sample Collected (Date/Time) 9/25/95 / 14:45 Water Level 5.81'

Sample Bottleware (Parameters Preservations) 2 x 40 ml/glass w/ $Na_2S_2O_3$

1 l/plastic w/ HNO_3

Sampling Personnel Kevin McGovern and Rich Jones

Inspectors/Officials Present None

Laboratory Used Life Science Laboratories, Inc.

Samples Delivered (Date/Time) 9/26/95 16:32

COMMENTS

Weather Conditions Cool and Cloudy

Blank Samples Collected None

Duplicate Samples Collected None

Duplicate Field Measurements None

Purging/Sampling Comments None

Personal Protective Equipment Used Level D

Split Samples: Agency ---

Parameters ---

Containers ---

MONITORING WELL SAMPLING DATA SHEET
GROUNDWATER MONITORING SYSTEM

Sample # 3

Well # WP 9S _____ Upgradient/ X Downgradient

Total Well Depth (Installed) 17.0' Total Well Depth (Measured) 18.06'

Depth to Groundwater (Measured) 6.48' Well Stick Up 2.4'

WELL PURGING DATA

Time Purging (Began) 10:40 Minimum Purge Volume 5.91 Gal.

Time Purging (Ended) 10:56 Time Allowed for Recovery 30 min.

Depth to Water at Conclusion of Purging/Time 6.77'

Depth to Water after Recovery/Time 6.48'

Total Volume of Water Removed During Purging 6.0 gallons

FIELD OBSERVATIONS/MEASUREMENTS

pH 7.1, Temperature 14.7, Specific Conductance 571

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

Color Pale Red Brown Layer ND

Sheen ND Free Product ND

Turbidity Slight

SAMPLE INFORMATION

Sample Collected (Date/Time) 9/25/95 / 11:30 Water Level 6.48'

Sample Bottleware (Parameters Preservations) 2 x 40 ml/glass w/ $Na_2S_2O_3$

1 l/plastic w/ HNO_3

Sampling Personnel Kevin McGovern and Rich Jones

Inspectors/Officials Present None

Laboratory Used Life Science Laboratories, Inc.

Samples Delivered (Date/Time) 9/26/95 16:32

COMMENTS

Weather Conditions Cool and Cloudy

Blank Samples Collected None

Duplicate Samples Collected None

Duplicate Field Measurements None

Purging/Sampling Comments None

Personal Protective Equipment Used Level D

Split Samples: Agency ---

Parameters ---

Containers ---

MONITORING WELL SAMPLING DATA SHEET
GROUNDWATER MONITORING SYSTEM

Sample # 2

Well # WP 9D _____ Upgradient/ X Downgradient

Total Well Depth (Installed) 30.0' Total Well Depth (Measured) 31.35'

Depth to Groundwater (Measured) 5.88' Well Stick Up 1.5'

WELL PURGING DATA

Time Purging (Began) 11:00 Minimum Purge Volume 12.99 Gal.

Time Purging (Ended) 11:20 Time Allowed for Recovery 9 min.

Depth to Water at Conclusion of Purging/Time 6.25'

Depth to Water after Recovery/Time 5.19'

Total Volume of Water Removed During Purging 15.0 gallons

FIELD OBSERVATIONS/MEASUREMENTS

pH 7.0, Temperature 12.2, Specific Conductance 720

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

Color Clear Layer ND

Sheen ND Free Product ND

Turbidity ND

SAMPLE INFORMATION

Sample Collected (Date/Time) 9/25/95 / 11:29 Water Level 5.91

Sample Bottleware (Parameters Preservations) 2 x 40 ml/glass w/ $Na_2S_2O_3$

1 l/plastic w/ HNO_3

Sampling Personnel Kevin McGovern and Rich Jones

Inspectors/Officials Present None

Laboratory Used Life Science Laboratories, Inc.

Samples Delivered (Date/Time) 9/26/95 16:32

COMMENTS

Weather Conditions Cool and Cloudy

Blank Samples Collected None

Duplicate Samples Collected None

Duplicate Field Measurements None

Purging/Sampling Comments None

Personal Protective Equipment Used Level D

Split Samples: Agency ---

Parameters ---

Containers ---

MONITORING WELL SAMPLING DATA SHEET
GROUNDWATER MONITORING SYSTEM

Sample # 11

Well # WP 11S X Upgradient/ Downgradient

Total Well Depth (Installed) 15.0' Total Well Depth (Measured) 14.53'

Depth to Groundwater (Measured) 2.90' Well Stick Up 0.00

WELL PURGING DATA

Time Purging (Began) 10:42 Minimum Purge Volume 5.93 Gal.

Time Purging (Ended) 10:58 Time Allowed for Recovery 5 min.

Depth to Water at Conclusion of Purging/Time 6.3'

Depth to Water after Recovery/Time 3.3'

Total Volume of Water Removed During Purging 6.0 gallons

FIELD OBSERVATIONS/MEASUREMENTS

pH 6.4, Temperature 16.9, Specific Conductance 1,035

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

Color Pale Brown Layer ND

Sheen ND Free Product ND

Turbidity Moderate

SAMPLE INFORMATION

Sample Collected (Date/Time) 9/26/95 / 11:03 Water Level 3.3'

Sample Bottleware (Parameters Preservations) 2 x 40 ml/glass w/ $Na_2S_2O_3$

1 l/plastic w/ HNO_3

Sampling Personnel Kevin McGovern and Rich Jones

Inspectors/Officials Present None

Laboratory Used Life Science Laboratories, Inc.

Samples Delivered (Date/Time) 9/26/95 16:32

COMMENTS

Weather Conditions Cool and Sunny

Blank Samples Collected NA

Duplicate Samples Collected NA

Duplicate Field Measurements NA

Purging/Sampling Comments NA

Personal Protective Equipment Used Level D

Split Samples: Agency ---

Parameters ---

Containers ---

MONITORING WELL SAMPLING DATA SHEET
GROUNDWATER MONITORING SYSTEM

Sample # 12

Well # WP 12 X Upgradient/ Downgradient

Total Well Depth (Installed) 30.0' Total Well Depth (Measured) 30.46'

Depth to Groundwater (Measured) 2.64' Well Stick Up 0.0'

WELL PURGING DATA

Time Purging (Began) 10:32 Minimum Purge Volume 14.19 Gal.

Time Purging (Ended) 10:48 Time Allowed for Recovery 12 min.

Depth to Water at Conclusion of Purging/Time 8.72'

Depth to Water after Recovery/Time 2.68'

Total Volume of Water Removed During Purging 17.4 gallons

FIELD OBSERVATIONS/MEASUREMENTS

pH 7.0, Temperature 14.7, Specific Conductance 339

HnU Readings (Well Casing) (Work Space) ND

Color Clear Layer ND

Sheen ND Free Product ND

Turbidity ND

SAMPLE INFORMATION

Sample Collected (Date/Time) 9/26/95 / 11:00 Water Level 2.68

Sample Bottleware (Parameters Preservations) 2 x 40 ml/glass w/ $Na_2S_2O_3$

1 l/plastic w/ HNO_3

Sampling Personnel Kevin McGovern and Rich Jones

Inspectors/Officials Present None

Laboratory Used Life Science Laboratories, Inc.

Samples Delivered (Date/Time) 9/26/95 16:32

COMMENTS

Weather Conditions Cool and Cloudy

Blank Samples Collected NA

Duplicate Samples Collected NA

Duplicate Field Measurements NA

Purging/Sampling Comments NA

Personal Protective Equipment Used Level D

Split Samples: Agency ---

Parameters ---

Containers ---

MONITORING WELL SAMPLING DATA SHEET
GROUNDWATER MONITORING SYSTEM

Sample # 14

Well # WP CS-1 _____ Upgradient/ X Downgradient

Total Well Depth (Installed) 20.10' Total Well Depth (Measured) 11.05'

Depth to Groundwater (Measured) 7.06' Well Stick Up 3.10

WELL PURGING DATA

Time Purging (Began) 10:15 Minimum Purge Volume 2.03 Gal.

Time Purging (Ended) 10:30 Time Allowed for Recovery 58 min.

Depth to Water at Conclusion of Purging/Time 10.84'

Depth to Water after Recovery/Time 7.07'

Total Volume of Water Removed During Purging 6.0 gallons

FIELD OBSERVATIONS/MEASUREMENTS

pH 6.8, Temperature 16.8, Specific Conductance 641

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

Color Dark Brown Layer ND

Sheen ND Free Product ND

Turbidity Extreme

SAMPLE INFORMATION

Sample Collected (Date/Time) 9/26/95 / 11:28 Water Level 7.07'

Sample Bottleware (Parameters Preservations) 2 x 40 ml/glass w/ $Na_2S_2O_3$

1 l/plastic w/ HNO_3

Sampling Personnel Kevin McGovern and Rich Jones

Inspectors/Officials Present None

Laboratory Used Life Science Laboratories, Inc.

Samples Delivered (Date/Time) 9/26/95 16:32

COMMENTS

Weather Conditions Cool and Sunny

Blank Samples Collected NA

Duplicate Samples Collected NA

Duplicate Field Measurements NA

Purging/Sampling Comments NA

Personal Protective Equipment Used Level D

Split Samples: Agency ---

Parameters ---

Containers ---

MONITORING WELL SAMPLING DATA SHEET
GROUNDWATER MONITORING SYSTEM

Sample # 13

Well # WP ES-1 _____ Upgradient/ X Downgradient

Total Well Depth (Installed) 16.0' Total Well Depth (Measured) 14.45'

Depth to Groundwater (Measured) 7.41' Well Stick Up 3.00

WELL PURGING DATA

Time Purging (Began) 10:20 Minimum Purge Volume 3.59 Gal.

Time Purging (Ended) 10:35 Time Allowed for Recovery 46 min.

Depth to Water at Conclusion of Purging/Time 12.42'

Depth to Water after Recovery/Time 7.44'

Total Volume of Water Removed During Purging 8.2 gallons

FIELD OBSERVATIONS/MEASUREMENTS

pH 6.6, Temperature 15.4, Specific Conductance 707

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

Color Pale Brown Layer ND

Sheen ND Free Product ND

Turbidity Heavy

SAMPLE INFORMATION

Sample Collected (Date/Time) 9/26/95 / 11:21 Water Level 7.44'

Sample Bottleware (Parameters Preservations) 2 x 40 ml/glass w/ $Na_2S_2O_3$

1 l/plastic w/ HNO_3

Sampling Personnel Kevin McGovern and Rich Jones

Inspectors/Officials Present None

Laboratory Used Life Science Laboratories, Inc.

Samples Delivered (Date/Time) 9/26/95 16:32

COMMENTS

Weather Conditions Cool and Cloudy

Blank Samples Collected NA

Duplicate Samples Collected NA

Duplicate Field Measurements NA

Purging/Sampling Comments NA

Personal Protective Equipment Used Level D

Split Samples: Agency ---

Parameters ---

Containers ---

MONITORING WELL SAMPLING DATA SHEET
GROUNDWATER MONITORING SYSTEM

Sample # 15

Well # WP TD-1 _____ Upgradient/ X Downgradient

Total Well Depth (Installed) 19.0' Total Well Depth (Measured) 20.35'

Depth to Groundwater (Measured) 6.79' Well Stick Up 2.10

WELL PURGING DATA

Time Purging (Began) 15:10 Minimum Purge Volume 62 Gal.

Time Purging (Ended) 15:35 Time Allowed for Recovery 17 min.

Depth to Water at Conclusion of Purging/Time 10.46'

Depth to Water after Recovery/Time 6.84'

Total Volume of Water Removed During Purging 65 gallons

FIELD OBSERVATIONS/MEASUREMENTS

pH 6.6, Temperature 13.3, Specific Conductance 705

HnU Readings (Well Casing) 40 ppm (Work Space) 1 ppm

Color Dark Grey Layer ND

Sheen ND Free Product ND

Turbidity Moderate-Heavy

SAMPLE INFORMATION

Sample Collected (Date/Time) 9/26/95 / 15:52 Water Level 6.84'

Sample Bottleware (Parameters Preservations) 2 x 40 ml/glass w/ $Na_2S_2O_3$

1 l/plastic w/ HNO_3

Sampling Personnel Kevin McGovern and Rich Jones

Inspectors/Officials Present None

Laboratory Used Life Science Laboratories, Inc.

Samples Delivered (Date/Time) 9/26/95 16:32

COMMENTS

Weather Conditions Cool and Sunny

Blank Samples Collected NA

Duplicate Samples Collected NA

Duplicate Field Measurements NA

Purging/Sampling Comments NA

Personal Protective Equipment Used Level C

Split Samples: Agency ---

Parameters ---

Containers ---

MONITORING WELL SAMPLING DATA SHEET
GROUNDWATER MONITORING SYSTEM

Sample # 5

Well # R-1 _____ Upgradient/ X Downgradient

Total Well Depth (Installed) 27.50' Total Well Depth (Measured) NA

Depth to Groundwater (Measured) 14.13' Well Stick Up 2.1'

WELL PURGING DATA

Time Purging (Began) ---- Minimum Purge Volume ---- Gal.

Time Purging (Ended) ---- Time Allowed for Recovery ----

Depth to Water at Conclusion of Purging/Time NA - Continuous Pumping

Depth to Water after Recovery/Time NA

Total Volume of Water Removed During Purging NA

FIELD OBSERVATIONS/MEASUREMENTS

pH 6.6, Temperature 12.7, Specific Conductance 708

HnU Readings (Well Casing) 200+ (Work Space) ND

Color Clear Layer None

Sheen Slight Free Product None

Turbidity None

SAMPLE INFORMATION

Sample Collected (Date/Time) 9/25/95 / 11:58 Water Level ----

Sample Bottleware (Parameters Preservations) 2 x 40 ml/glass w/ $Na_2S_2O_3$

1 l/plastic w/ HNO_3

Sampling Personnel Kevin McGovern and Rich Jones

Inspectors/Officials Present None

Laboratory Used Life Science Laboratories, Inc.

Samples Delivered (Date/Time) 9/26/95 16:32

COMMENTS

Weather Conditions Cool and Cloudy

Blank Samples Collected NA

Duplicate Samples Collected NA

Duplicate Field Measurements NA

Purging/Sampling Comments NA

Personal Protective Equipment Used Level D

Split Samples: Agency ---

Parameters ---

Containers ---

APPENDIX 5

SEPTEMBER 1995 LABORATORY ANALYSIS RESULTS
NORTHEAST ENVIRONMENTAL SERVICES, INC.
THIRD QUARTER REPORT 1995

SAMPLE ANALYSIS REPORT

OCT 23 1995

L1840-139
LSL Project No.

Reviewed By

10/19/95
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.

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

** SAMPLE ANALYSIS REPORT ** 10/19/95

NES-ENSA
Marguerite Drive West
RR #3, Box 8B
Canastota, NY 13032

Contacts: Richard Jones

Phone: (315) 697-3979

Sample # 50925077 Project #: L1840 -139
Customer ID: Sample 1 - 09/25/95
Matrix: NPW, Int. COC Authorization: ENSA-NES

Test Name	Results	Units	Comment	Completed	Initials
Arsenic, EPA 206.2	0.062	mg/l		10/18/95	CRW
Barium, EPA 208.1	1.4	mg/l		10/12/95	KBB
Chromium,Total, EPA 218.1	<0.04	mg/l		10/11/95	JNT
Lead, EPA 239.2	<0.01	mg/l		10/17/95	CRW
Mercury, EPA 245.1	<0.0002	mg/l		10/04/95	KBB
Nickel, EPA 249.1	<0.02	mg/l		10/11/95	KBB
Metals Digestion, EPA 600/4-79	Batch	1724		09/29/95	KEC
EPA 8021 Volatiles					
Benzene	<1000	ug/l		10/02/95	KMG
Bromobenzene	<1000	ug/l		10/02/95	KMG
Bromochloromethane	<1000	ug/l		10/02/95	KMG
Bromodichloromethane	<1000	ug/l		10/02/95	KMG
Bromoform	<1000	ug/l		10/02/95	KMG
Bromomethane	<1000	ug/l		10/02/95	KMG
n-Butylbenzene	<1000	ug/l		10/02/95	KMG
sec-Butylbenzene	<1000	ug/l		10/02/95	KMG
tert-Butylbenzene	<1000	ug/l		10/02/95	KMG
Carbon tetrachloride	<1000	ug/l		10/02/95	KMG
Chlorobenzene	<1000	ug/l		10/02/95	KMG
Chloroethane	<1000	ug/l		10/02/95	KMG
Chloroform	<1000	ug/l		10/02/95	KMG
Chloromethane	<1000	ug/l		10/02/95	KMG
2-Chlorotoluene	<1000	ug/l		10/02/95	KMG
4-Chlorotoluene	<1000	ug/l		10/02/95	KMG
Dibromochloromethane	<1000	ug/l		10/02/95	KMG
1,2-Dibromo-3-chloropropane(DBCP)	<1000	ug/l		10/02/95	KMG
1,2-Dibromoethane (EDB)	<1000	ug/l		10/02/95	KMG
Dibromomethane	<1000	ug/l		10/02/95	KMG
1,2-Dichlorobenzene	<1000	ug/l		10/02/95	KMG
1,3-Dichlorobenzene	<1000	ug/l		10/02/95	KMG
1,4-Dichlorobenzene	<1000	ug/l		10/02/95	KMG
Dichlorodifluromethane	<1000	ug/l		10/02/95	KMG
1,1-Dichloroethane	1400	ug/l		10/02/95	KMG

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

** SAMPLE ANALYSIS REPORT ** 10/19/95

NES-ENSA
Marguerite Drive West
RR #3, Box 8B
Canastota, NY 13032

Contacts: Richard Jones

Phone: (315) 697-3979

Sample # 50925077 Project #: L1840 -139
Customer ID: Sample 1 - 09/25/95
Matrix: NPW, Int. COC Authorization: ENSA-NES

Test Name	Results	Units	Comment	Completed	Initials
1,2-Dichloroethane	<1000	ug/l		10/02/95	KMG
1,1-Dichloroethene	<1000	ug/l		10/02/95	KMG
cis-1,2-Dichloroethene	19000	ug/l		10/02/95	KMG
trans-1,2-Dichloroethene	<1000	ug/l		10/02/95	KMG
1,2-Dichloropropane	<1000	ug/l		10/02/95	KMG
1,3-Dichloropropane	<1000	ug/l		10/02/95	KMG
2,2-Dichloropropane	<1000	ug/l		10/02/95	KMG
1,1-Dichloropropene	<1000	ug/l		10/02/95	KMG
Ethylbenzene	<1000	ug/l		10/02/95	KMG
Isopropylbenzene (Cumene)	<1000	ug/l		10/02/95	KMG
4-Isopropyltoluene (Cymene)	<1000	ug/l		10/02/95	KMG
Hexachlorobutadiene	<1000	ug/l		10/02/95	KMG
Methylene chloride	1300	ug/l		10/02/95	KMG
Naphthalene	<1000	ug/l		10/02/95	KMG
n-Propylbenzene	<1000	ug/l		10/02/95	KMG
Styrene	<1000	ug/l		10/02/95	KMG
1,1,1,2-Tetrachloroethane	<1000	ug/l		10/02/95	KMG
1,1,2,2-Tetrachloroethane	<1000	ug/l		10/02/95	KMG
Tetrachloroethene	<1000	ug/l		10/02/95	KMG
Toluene	32000	ug/l		10/02/95	KMG
1,2,3-Trichlorobenzene	<1000	ug/l		10/02/95	KMG
1,2,4-Trichlorobenzene	<1000	ug/l		10/02/95	KMG
1,1,1,-Trichloroethane	1400	ug/l		10/02/95	KMG
1,1,2-Trichloroethane	<1000	ug/l		10/02/95	KMG
Trichloroethene	<1000	ug/l		10/02/95	KMG
Trichlorofluoromethane	<1000	ug/l		10/02/95	KMG
1,2,3-Trichloropropane	<1000	ug/l		10/02/95	KMG
1,2,4-Trimethylbenzene	<1000	ug/l		10/02/95	KMG
1,3,5-Trimethylbenzene	<1000	ug/l		10/02/95	KMG
Vinyl chloride	<1000	ug/l		10/02/95	KMG
o-Xylene	<1000	ug/l		10/02/95	KMG
m-Xylene	2300*	ug/l	a	10/02/95	KMG
p-Xylene	*	ug/l		10/02/95	KMG

a- Chromatographically, para and meta Xylene co-elute. The reported value may represent either of these compounds or a combination thereof.

****

Life Science Laboratories, Inc
5854 Butternut Drive
East Syracuse, New York 13057
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NYS DOH ELAP NO. 10248

** SAMPLE ANALYSIS REPORT ** 10/19/95

NES-ENSA
Marguerite Drive West
RR #3, Box 8B
Canastota, NY 13032

Contacts: Richard Jones

Phone: (315) 697-3979

Sample # 50925078 Project #: L1840 -139
Customer ID: Sample 2 - 09/25/95
Matrix: NPW, Int. COC Authorization: ENSA-NES

Test Name	Results	Units	Comment	Completed	Initials
Arsenic, EPA 206.2	<0.01	mg/l		10/18/95	CRW
Barium, EPA 208.1	0.28	mg/l		10/12/95	KBB
Chromium,Total, EPA 218.1	<0.04	mg/l		10/11/95	JNT
Lead, EPA 239.2	<0.01	mg/l		10/17/95	CRW
Mercury, EPA 245.1	<0.0002	mg/l		10/04/95	KBB
Nickel, EPA 249.1	<0.02	mg/l		10/11/95	KBB
Metals Digestion, EPA 600/4-79	Batch	1724		09/29/95	KEC
EPA 8021 Volatiles					
Benzene	<1	ug/l		09/29/95	KMG
Bromobenzene	<1	ug/l		09/29/95	KMG
Bromochloromethane	<1	ug/l		09/29/95	KMG
Bromodichloromethane	<1	ug/l		09/29/95	KMG
Bromoform	<1	ug/l		09/29/95	KMG
Bromomethane	<1	ug/l		09/29/95	KMG
n-Butylbenzene	<1	ug/l		09/29/95	KMG
sec-Butylbenzene	<1	ug/l		09/29/95	KMG
tert-Butylbenzene	<1	ug/l		09/29/95	KMG
Carbon tetrachloride	<1	ug/l		09/29/95	KMG
Chlorobenzene	<1	ug/l		09/29/95	KMG
Chloroethane	<1	ug/l		09/29/95	KMG
Chloroform	<1	ug/l		09/29/95	KMG
Chloromethane	<1	ug/l		09/29/95	KMG
2-Chlorotoluene	<1	ug/l		09/29/95	KMG
4-Chlorotoluene	<1	ug/l		09/29/95	KMG
Dibromochloromethane	<1	ug/l		09/29/95	KMG
1,2-Dibromo-3-chloropropane(DBCP)	<1	ug/l		09/29/95	KMG
1,2-Dibromoethane (EDB)	<1	ug/l		09/29/95	KMG
Dibromomethane	<1	ug/l		09/29/95	KMG
1,2-Dichlorobenzene	<1	ug/l		09/29/95	KMG
1,3-Dichlorobenzene	<1	ug/l		09/29/95	KMG
1,4-Dichlorobenzene	<1	ug/l		09/29/95	KMG
Dichlorodifluromethane	<1	ug/l		09/29/95	KMG
1,1-Dichloroethane	<1	ug/l		09/29/95	KMG
1,2-Dichloroethane	<1	ug/l		09/29/95	KMG
1,1-Dichloroethene	<1	ug/l		09/29/95	KMG
cis-1,2-Dichloroethene	<1	ug/l		09/29/95	KMG
trans-1,2-Dichloroethene	<1	ug/l		09/29/95	KMG

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

** SAMPLE ANALYSIS REPORT ** 10/19/95

NES-ENSA
Marguerite Drive West
RR #3, Box 8B
Canastota, NY 13032

Contacts: Richard Jones

Phone: (315) 697-3979

Sample # 50925078 Project #: L1840 -139
Customer ID: Sample 2 - 09/25/95
Matrix: NPW, Int. COC Authorization: ENSA-NES

Test Name	Results	Units	Comment	Completed	Initials
1,2-Dichloropropane	<1	ug/l		09/29/95	KMG
1,3-Dichloropropane	<1	ug/l		09/29/95	KMG
2,2-Dichloropropane	<1	ug/l		09/29/95	KMG
1,1-Dichloropropene	<1	ug/l		09/29/95	KMG
Ethylbenzene	<1	ug/l		09/29/95	KMG
Isopropylbenzene (Cumene)	<1	ug/l		09/29/95	KMG
4-Isopropyltoluene (Cymene)	<1	ug/l		09/29/95	KMG
Hexachlorobutadiene	<1	ug/l		09/29/95	KMG
Methylene chloride	<1	ug/l		09/29/95	KMG
Naphthalene	<1	ug/l	a	09/29/95	KMG
n-Propylbenzene	<1	ug/l		09/29/95	KMG
Styrene	<1	ug/l		09/29/95	KMG
1,1,1,2-Tetrachloroethane	<1	ug/l		09/29/95	KMG
1,1,2,2-Tetrachloroethane	<1	ug/l		09/29/95	KMG
Tetrachloroethene	<1	ug/l		09/29/95	KMG
Toluene	<1	ug/l		09/29/95	KMG
1,2,3-Trichlorobenzene	<1	ug/l		09/29/95	KMG
1,2,4-Trichlorobenzene	<1	ug/l		09/29/95	KMG
1,1,1,-Trichloroethane	<1	ug/l		09/29/95	KMG
1,1,2-Trichloroethane	<1	ug/l		09/29/95	KMG
Trichloroethene	<1	ug/l		09/29/95	KMG
Trichlorofluoromethane	<1	ug/l		09/29/95	KMG
1,2,3-Trichloropropane	<1	ug/l		09/29/95	KMG
1,2,4-Trimethylbenzene	<1	ug/l		09/29/95	KMG
1,3,5-Trimethylbenzene	<1	ug/l		09/29/95	KMG
Vinyl chloride	<1	ug/l		09/29/95	KMG
o-Xylene	<1	ug/l		09/29/95	KMG
m-Xylene	<1	ug/l		09/29/95	KMG
p-Xylene	<1	ug/l		09/29/95	KMG

a- This result has been blank corrected.

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

** SAMPLE ANALYSIS REPORT ** 10/19/95

NES-ENSA
Marguerite Drive West
RR #3, Box 8B
Canastota, NY 13032

Contacts: Richard Jones

Phone: (315) 697-3979

Sample # 50925079 Project #: L1840 -139
Customer ID: Sample 3 - 09/25/95
Matrix: NPW, Int. COC Authorization: ENSA-NES

Test Name	Results	Units	Comment	Completed	Initials
Arsenic, EPA 206.2	<0.01	mg/l		10/18/95	CRW
Barium, EPA 208.1	0.28	mg/l		10/12/95	KBB
Chromium,Total, EPA 218.1	<0.04	mg/l		10/11/95	JNT
Lead, EPA 239.2	<0.01	mg/l		10/17/95	CRW
Mercury, EPA 245.1	<0.0002	mg/l		10/04/95	KBB
Nickel, EPA 249.1	<0.02	mg/l		10/11/95	KBB
Metals Digestion, EPA 600/4-79	Batch	1724		09/29/95	KEC
EPA 8021 Volatiles					
Benzene	<1	ug/l		09/29/95	KMG
Bromobenzene	<1	ug/l		09/29/95	KMG
Bromochloromethane	<1	ug/l		09/29/95	KMG
Bromodichloromethane	<1	ug/l		09/29/95	KMG
Bromoform	<1	ug/l		09/29/95	KMG
Bromomethane	<1	ug/l		09/29/95	KMG
n-Butylbenzene	<1	ug/l		09/29/95	KMG
sec-Butylbenzene	<1	ug/l		09/29/95	KMG
tert-Butylbenzene	<1	ug/l		09/29/95	KMG
Carbon tetrachloride	<1	ug/l		09/29/95	KMG
Chlorobenzene	<1	ug/l		09/29/95	KMG
Chloroethane	<1	ug/l		09/29/95	KMG
Chloroform	<1	ug/l		09/29/95	KMG
Chloromethane	<1	ug/l		09/29/95	KMG
2-Chlorotoluene	<1	ug/l		09/29/95	KMG
4-Chlorotoluene	<1	ug/l		09/29/95	KMG
Dibromochloromethane	<1	ug/l		09/29/95	KMG
1,2-Dibromo-3-chloropropane(DBCP)	<1	ug/l		09/29/95	KMG
1,2-Dibromoethane (EDB)	<1	ug/l		09/29/95	KMG
Dibromomethane	<1	ug/l		09/29/95	KMG
1,2-Dichlorobenzene	<1	ug/l		09/29/95	KMG
1,3-Dichlorobenzene	<1	ug/l		09/29/95	KMG
1,4-Dichlorobenzene	<1	ug/l		09/29/95	KMG
Dichlorodifluromethane	<1	ug/l		09/29/95	KMG
1,1-Dichloroethane	<1	ug/l		09/29/95	KMG
1,2-Dichloroethane	<1	ug/l		09/29/95	KMG
1,1-Dichloroethene	<1	ug/l		09/29/95	KMG
cis-1,2-Dichloroethene	<1	ug/l		09/29/95	KMG

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

Contacts: Richard Jones

Phone: (315) 697-3979

Sample # 50925079 Project #: L1840 -139
Customer ID: Sample 3 - 09/25/95
Matrix: NPW, Int. COC Authorization: ENSA-NES

Test Name	Results	Units	Comment	Completed	Initials
trans-1,2-Dichloroethene	<1	ug/l		09/29/95	KMG
1,2-Dichloropropane	<1	ug/l		09/29/95	KMG
1,3-Dichloropropane	<1	ug/l		09/29/95	KMG
2,2-Dichloropropane	<1	ug/l		09/29/95	KMG
1,1-Dichloropropene	<1	ug/l		09/29/95	KMG
Ethylbenzene	<1	ug/l		09/29/95	KMG
Isopropylbenzene (Cumene)	<1	ug/l		09/29/95	KMG
4-Isopropyltoluene (Cymene)	<1	ug/l		09/29/95	KMG
Hexachlorobutadiene	<1	ug/l		09/29/95	KMG
Methylene chloride	<1	ug/l		09/29/95	KMG
Naphthalene	<1	ug/l		09/29/95	KMG
n-Propylbenzene	<1	ug/l		09/29/95	KMG
Styrene	<1	ug/l		09/29/95	KMG
1,1,1,2-Tetrachloroethane	<1	ug/l		09/29/95	KMG
1,1,2,2-Tetrachloroethane	<1	ug/l		09/29/95	KMG
Tetrachloroethene	<1	ug/l		09/29/95	KMG
Toluene	<1	ug/l		09/29/95	KMG
1,2,3-Trichlorobenzene	<1	ug/l		09/29/95	KMG
1,2,4-Trichlorobenzene	<1	ug/l		09/29/95	KMG
1,1,1,-Trichloroethane	<1	ug/l		09/29/95	KMG
1,1,2-Trichloroethane	<1	ug/l		09/29/95	KMG
Trichloroethene	<1	ug/l		09/29/95	KMG
Trichlorofluoromethane	<1	ug/l		09/29/95	KMG
1,2,3-Trichloropropane	<1	ug/l		09/29/95	KMG
1,2,4-Trimethylbenzene	<1	ug/l		09/29/95	KMG
1,3,5-Trimethylbenzene	<1	ug/l		09/29/95	KMG
Vinyl chloride	<1	ug/l		09/29/95	KMG
o-Xylene	<1	ug/l		09/29/95	KMG
m-Xylene	<1	ug/l		09/29/95	KMG
p-Xylene	<1	ug/l		09/29/95	KMG

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Life Science Laboratories, Inc
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** SAMPLE ANALYSIS REPORT ** 10/19/95

NES-ENSA
Marguerite Drive West
RR #3, Box 8B
Canastota, NY 13032

Contacts: Richard Jones

Phone: (315) 697-3979

Sample # 50925080 Project #: L1840 -139
Customer ID: Sample 4 - 09/25/95
Matrix: NPW, Int. COC Authorization: ENSA-NES

Test Name	Results	Units	Comment	Completed	Initials
Arsenic, EPA 206.2	0.025	mg/l		10/18/95	CRW
Barium, EPA 208.1	1.3	mg/l		10/12/95	KBB
Chromium,Total, EPA 218.1	<0.04	mg/l		10/11/95	JNT
Lead, EPA 239.2	0.016	mg/l		10/17/95	CRW
Mercury, EPA 245.1	<0.0002	mg/l		10/04/95	KBB
Nickel, EPA 249.1	0.026	mg/l		10/11/95	KBB
Metals Digestion, EPA 600/4-79	Batch	1724		09/29/95	KEC
EPA 8021 Volatiles					
Benzene	<1	ug/l		10/02/95	KMG
Bromobenzene	<1	ug/l		10/02/95	KMG
Bromochloromethane	<1	ug/l		10/02/95	KMG
Bromodichloromethane	<1	ug/l		10/02/95	KMG
Bromoform	<1	ug/l		10/02/95	KMG
Bromomethane	<1	ug/l		10/02/95	KMG
n-Butylbenzene	<1	ug/l		10/02/95	KMG
sec-Butylbenzene	<1	ug/l		10/02/95	KMG
tert-Butylbenzene	<1	ug/l		10/02/95	KMG
Carbon tetrachloride	<1	ug/l		10/02/95	KMG
Chlorobenzene	<1	ug/l		10/02/95	KMG
Chloroethane	<1	ug/l		10/02/95	KMG
Chloroform	<1	ug/l		10/02/95	KMG
Chloromethane	<1	ug/l		10/02/95	KMG
2-Chlorotoluene	<1	ug/l		10/02/95	KMG
4-Chlorotoluene	<1	ug/l		10/02/95	KMG
Dibromochloromethane	<1	ug/l		10/02/95	KMG
1,2-Dibromo-3-chloropropane(DBCP)	<1	ug/l		10/02/95	KMG
1,2-Dibromoethane (EDB)	<1	ug/l		10/02/95	KMG
Dibromomethane	<1	ug/l		10/02/95	KMG
1,2-Dichlorobenzene	<1	ug/l		10/02/95	KMG
1,3-Dichlorobenzene	<1	ug/l		10/02/95	KMG
1,4-Dichlorobenzene	<1	ug/l		10/02/95	KMG
Dichlorodifluromethane	<1	ug/l		10/02/95	KMG
1,1-Dichloroethane	1.5	ug/l		10/02/95	KMG
1,2-Dichloroethane	<1	ug/l		10/02/95	KMG
1,1-Dichloroethene	<1	ug/l		10/02/95	KMG

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** SAMPLE ANALYSIS REPORT ** 10/19/95

NES-ENSA
Marguerite Drive West
RR #3, Box 8B
Canastota, NY 13032

Contacts: Richard Jones

Phone: (315) 697-3979

Sample # 50925080 Project #: L1840 -139
Customer ID: Sample 4 - 09/25/95
Matrix: NPW, Int. COC Authorization: ENSA-NES

Test Name	Results	Units	Comment	Completed	Initials
cis-1,2-Dichloroethene	<1	ug/l		10/02/95	KMG
trans-1,2-Dichloroethene	<1	ug/l		10/02/95	KMG
1,2-Dichloropropane	<1	ug/l		10/02/95	KMG
1,3-Dichloropropane	<1	ug/l		10/02/95	KMG
2,2-Dichloropropane	<1	ug/l		10/02/95	KMG
1,1-Dichloropropene	<1	ug/l		10/02/95	KMG
Ethylbenzene	<1	ug/l		10/02/95	KMG
Isopropylbenzene (Cumene)	<1	ug/l		10/02/95	KMG
4-Isopropyltoluene (Cymene)	<1	ug/l		10/02/95	KMG
Hexachlorobutadiene	<1	ug/l		10/02/95	KMG
Methylene chloride	1.8	ug/l	a	10/02/95	KMG
Naphthalene	<1	ug/l		10/02/95	KMG
n-Propylbenzene	<1	ug/l		10/02/95	KMG
Styrene	<1	ug/l		10/02/95	KMG
1,1,1,2-Tetrachloroethane	<1	ug/l		10/02/95	KMG
1,1,2,2-Tetrachloroethane	<1	ug/l		10/02/95	KMG
Tetrachloroethene	<1	ug/l		10/02/95	KMG
Toluene	<1	ug/l		10/02/95	KMG
1,2,3-Trichlorobenzene	<1	ug/l		10/02/95	KMG
1,2,4-Trichlorobenzene	<1	ug/l		10/02/95	KMG
1,1,1,-Trichloroethane	<1	ug/l		10/02/95	KMG
1,1,2-Trichloroethane	<1	ug/l		10/02/95	KMG
Trichloroethene	<1	ug/l		10/02/95	KMG
Trichlorofluoromethane	<1	ug/l		10/02/95	KMG
1,2,3-Trichloropropane	<1	ug/l		10/02/95	KMG
1,2,4-Trimethylbenzene	<1	ug/l		10/02/95	KMG
1,3,5-Trimethylbenzene	<1	ug/l		10/02/95	KMG
Vinyl chloride	<1	ug/l		10/02/95	KMG
o-Xylene	<1	ug/l		10/02/95	KMG
m-Xylene	<1	ug/l		10/02/95	KMG
p-Xylene	<1	ug/l		10/02/95	KMG

a- Laboratory contamination is suspected.

****

Life Science Laboratories, Inc
5854 Butternut Drive
East Syracuse, New York 13057
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** SAMPLE ANALYSIS REPORT ** 10/19/95

NES-ENSA
Marguerite Drive West
R #3, Box 8B
anastota, NY 13032

Contacts: Richard Jones

Phone: (315) 697-3979

ample # 50925081 Project #: L1840 -139
ustomer ID: Sample 5 - 09/25/95
Matrix: NPW, Int. COC Authorization: ENSA-NES

Test Name	Results	Units	Comment	Completed	Initials
Arsenic, EPA 206.2	<0.01	mg/l		10/18/95	CRW
arium, EPA 208.1	2.2	mg/l		10/12/95	KBB
hromium,Total, EPA 218.1	<0.04	mg/l		10/11/95	JNT
Lead, EPA 239.2	<0.01	mg/l		10/17/95	CRW
ercury, EPA 245.1	<0.0002	mg/l		10/04/95	KBB
ickel, EPA 249.1	<0.02	mg/l		10/11/95	KBB
Metals Digestion, EPA 600/4-79	Batch	1724		09/29/95	KEC
PA 8021 Volatiles					
Benzene	<100	ug/l		10/02/95	KMG
Bromobenzene	<100	ug/l		10/02/95	KMG
romochloromethane	<100	ug/l		10/02/95	KMG
romodichloromethane	<100	ug/l		10/02/95	KMG
Bromoform	<100	ug/l		10/02/95	KMG
romomethane	<100	ug/l		10/02/95	KMG
-Butylbenzene	<100	ug/l		10/02/95	KMG
sec-Butylbenzene	<100	ug/l		10/02/95	KMG
tert-Butylbenzene	<100	ug/l		10/02/95	KMG
arbon tetrachloride	<100	ug/l		10/02/95	KMG
Chlorobenzene	<100	ug/l		10/02/95	KMG
Chloroethane	<100	ug/l		10/02/95	KMG
hloroform	<100	ug/l		10/02/95	KMG
hloromethane	<100	ug/l		10/02/95	KMG
2-Chlorotoluene	<100	ug/l		10/02/95	KMG
-Chlorotoluene	<100	ug/l		10/02/95	KMG
ibromochloromethane	<100	ug/l		10/02/95	KMG
1,2-Dibromo-3-chloropropane(DBCP)	<100	ug/l		10/02/95	KMG
1,2-Dibromoethane (EDB)	<100	ug/l		10/02/95	KMG
ibromomethane	<100	ug/l		10/02/95	KMG
1,2-Dichlorobenzene	<100	ug/l		10/02/95	KMG
1,3-Dichlorobenzene	<100	ug/l		10/02/95	KMG
1,4-Dichlorobenzene	<100	ug/l		10/02/95	KMG
ichlorodifluromethane	<100	ug/l		10/02/95	KMG
1,1-Dichloroethane	150	ug/l		10/02/95	KMG
1,2-Dichloroethane	<100	ug/l		10/02/95	KMG
1,1-Dichloroethene	<100	ug/l		10/02/95	KMG
cis-1,2-Dichloroethene	2200	ug/l		10/02/95	KMG
trans-1,2-Dichloroethene	<100	ug/l		10/02/95	KMG

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Canastota, NY 13032

Contacts: Richard Jones

Phone: (315) 697-3979

Sample # 50925081 Project #: L1840 -139
Customer ID: Sample 5 - 09/25/95
Matrix: NPW, Int. COC Authorization: ENSA-NES

Test Name	Results	Units	Comment	Completed	Initials
1,2-Dichloropropane	<100	ug/l		10/02/95	KMG
1,3-Dichloropropane	<100	ug/l		10/02/95	KMG
2,2-Dichloropropane	<100	ug/l		10/02/95	KMG
1,1-Dichloropropene	<100	ug/l		10/02/95	KMG
Ethylbenzene	<100	ug/l		10/02/95	KMG
Isopropylbenzene (Cumene)	<100	ug/l		10/02/95	KMG
4-Isopropyltoluene (Cymene)	<100	ug/l		10/02/95	KMG
Hexachlorobutadiene	<100	ug/l		10/02/95	KMG
Methylene chloride	<100	ug/l		10/02/95	KMG
Naphthalene	<100	ug/l		10/02/95	KMG
n-Propylbenzene	<100	ug/l		10/02/95	KMG
Styrene	<100	ug/l		10/02/95	KMG
1,1,1,2-Tetrachloroethane	<100	ug/l		10/02/95	KMG
1,1,2,2-Tetrachloroethane	<100	ug/l		10/02/95	KMG
Tetrachloroethene	<100	ug/l		10/02/95	KMG
Toluene	2000	ug/l		10/02/95	KMG
1,2,3-Trichlorobenzene	<100	ug/l		10/02/95	KMG
1,2,4-Trichlorobenzene	<100	ug/l		10/02/95	KMG
1,1,1,-Trichloroethane	<100	ug/l		10/02/95	KMG
1,1,2-Trichloroethane	<100	ug/l		10/02/95	KMG
Trichloroethene	<100	ug/l		10/02/95	KMG
Trichlorofluoromethane	<100	ug/l		10/02/95	KMG
1,2,3-Trichloropropane	<100	ug/l		10/02/95	KMG
1,2,4-Trimethylbenzene	<100	ug/l		10/02/95	KMG
1,3,5-Trimethylbenzene	<100	ug/l		10/02/95	KMG
Vinyl chloride	400	ug/l	a	10/02/95	KMG
o-Xylene	<100	ug/l		10/02/95	KMG
m-Xylene	120 *	ug/l	b	10/02/95	KMG
p-Xylene	*	ug/l		10/02/95	KMG

a- Confirmed by GCMS

b- Chromatographically, para and meta Xylene co-elute. The reported value may represent either of these compounds or a combination thereof.

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** SAMPLE ANALYSIS REPORT ** 10/19/95

NES-ENSA
Marguerite Drive West
RR #3, Box 8B
Canastota, NY 13032

Contacts: Richard Jones

Phone: (315) 697-3979

Sample # 50925082 Project #: L1840 -139
Customer ID: Sample 6 - 09/25/95
Matrix: NPW, Int. COC Authorization: ENSA-NES

Test Name	Results	Units	Comment	Completed	Initials
Arsenic, EPA 206.2	<0.01	mg/l		10/18/95	CRW
Barium, EPA 208.1	1.2	mg/l		10/12/95	KBB
Chromium,Total, EPA 218.1	<0.04	mg/l		10/11/95	JNT
Lead, EPA 239.2	<0.01	mg/l		10/17/95	CRW
Mercury, EPA 245.1	<0.0002	mg/l		10/04/95	KBB
Nickel, EPA 249.1	<0.02	mg/l		10/11/95	KBB
Metals Digestion, EPA 600/4-79	Batch	1724		09/29/95	KEC
EPA 8021 Volatiles					
Benzene	<5	ug/l		10/02/95	KMG
Bromobenzene	<5	ug/l		10/02/95	KMG
Bromochloromethane	<5	ug/l		10/02/95	KMG
Bromodichloromethane	<5	ug/l		10/02/95	KMG
Bromoform	<5	ug/l		10/02/95	KMG
Bromomethane	<5	ug/l		10/02/95	KMG
n-Butylbenzene	<5	ug/l		10/02/95	KMG
sec-Butylbenzene	<5	ug/l		10/02/95	KMG
tert-Butylbenzene	<5	ug/l		10/02/95	KMG
Carbon tetrachloride	<5	ug/l		10/02/95	KMG
Chlorobenzene	<5	ug/l		10/02/95	KMG
Chloroethane	<5	ug/l		10/02/95	KMG
Chloroform	<5	ug/l		10/02/95	KMG
Chloromethane	<5	ug/l		10/02/95	KMG
2-Chlorotoluene	<5	ug/l		10/02/95	KMG
4-Chlorotoluene	<5	ug/l		10/02/95	KMG
Dibromochloromethane	<5	ug/l		10/02/95	KMG
1,2-Dibromo-3-chloropropane(DBCP)	<5	ug/l		10/02/95	KMG
1,2-Dibromoethane (EDB)	<5	ug/l		10/02/95	KMG
Dibromomethane	<5	ug/l		10/02/95	KMG
1,2-Dichlorobenzene	<5	ug/l		10/02/95	KMG
1,3-Dichlorobenzene	<5	ug/l		10/02/95	KMG
1,4-Dichlorobenzene	<5	ug/l		10/02/95	KMG
Dichlorodifluromethane	<5	ug/l		10/02/95	KMG
1,1-Dichloroethane	<5	ug/l		10/02/95	KMG
1,2-Dichloroethane	<5	ug/l		10/02/95	KMG
1,1-Dichloroethene	<5	ug/l		10/02/95	KMG
cis-1,2-Dichloroethene	<5	ug/l		10/02/95	KMG
trans-1,2-Dichloroethene	<5	ug/l		10/02/95	KMG

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Contacts: Richard Jones

Phone: (315) 697-3979

Sample # 50925082 Project #: L1840 -139
Customer ID: Sample 6 - 09/25/95
Matrix: NPW, Int. COC Authorization: ENSA-NES

Test Name	Results	Units	Comment	Completed	Initials
1,2-Dichloropropane	<5	ug/l		10/02/95	KMG
1,3-Dichloropropane	<5	ug/l		10/02/95	KMG
2,2-Dichloropropane	<5	ug/l		10/02/95	KMG
1,1-Dichloropropene	<5	ug/l		10/02/95	KMG
Ethylbenzene	<5	ug/l		10/02/95	KMG
Isopropylbenzene (Cumene)	<5	ug/l		10/02/95	KMG
4-Isopropyltoluene (Cymene)	<5	ug/l		10/02/95	KMG
Hexachlorobutadiene	<5	ug/l		10/02/95	KMG
Methylene chloride	<5	ug/l		10/02/95	KMG
Naphthalene	<5	ug/l		10/02/95	KMG
n-Propylbenzene	<5	ug/l		10/02/95	KMG
Styrene	<5	ug/l		10/02/95	KMG
1,1,1,2-Tetrachloroethane	<5	ug/l		10/02/95	KMG
1,1,2,2-Tetrachloroethane	<5	ug/l		10/02/95	KMG
Tetrachloroethene	<5	ug/l		10/02/95	KMG
Toluene	<5	ug/l		10/02/95	KMG
1,2,3-Trichlorobenzene	<5	ug/l		10/02/95	KMG
1,2,4-Trichlorobenzene	<5	ug/l		10/02/95	KMG
1,1,1,-Trichloroethane	<5	ug/l		10/02/95	KMG
1,1,2-Trichloroethane	<5	ug/l		10/02/95	KMG
Trichloroethene	<5	ug/l		10/02/95	KMG
Trichlorofluoromethane	<5	ug/l		10/02/95	KMG
1,2,3-Trichloropropane	<5	ug/l		10/02/95	KMG
1,2,4-Trimethylbenzene	<5	ug/l		10/02/95	KMG
1,3,5-Trimethylbenzene	<5	ug/l		10/02/95	KMG
Vinyl chloride	150	ug/l	a	10/02/95	KMG
o-Xylene	<5	ug/l		10/02/95	KMG
m-Xylene	<5	ug/l		10/02/95	KMG
p-Xylene	<5	ug/l		10/02/95	KMG

a- Confirmed by GCMS

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

** SAMPLE ANALYSIS REPORT ** 10/19/95

NES-ENSA
Marguerite Drive West
RR #3, Box 8B
Canastota, NY 13032

Contacts: Richard Jones

Phone: (315) 697-3979

Sample # 50925083 Project #: L1840 -139
Customer ID: Sample 7 - 09/25/95
Matrix: NPW, Int. COC Authorization: ENSA-NES

Test Name	Results	Units	Comment	Completed	Initials
Arsenic, EPA 206.2	<0.01	mg/l		10/18/95	CRW
Barium, EPA 208.1	0.83	mg/l		10/12/95	KBB
Chromium,Total, EPA 218.1	<0.04	mg/l		10/11/95	JNT
Lead, EPA 239.2	<0.01	mg/l		10/17/95	CRW
Mercury, EPA 245.1	<0.0002	mg/l		10/04/95	KBB
Nickel, EPA 249.1	<0.02	mg/l		10/11/95	KBB
Metals Digestion, EPA 600/4-79	Batch	1724		09/29/95	KEC
EPA 8021 Volatiles					
Benzene	<1	ug/l		09/29/95	KMG
Bromobenzene	<1	ug/l		09/29/95	KMG
Bromochloromethane	<1	ug/l		09/29/95	KMG
Bromodichloromethane	<1	ug/l		09/29/95	KMG
Bromoform	<1	ug/l		09/29/95	KMG
Bromomethane	<1	ug/l		09/29/95	KMG
n-Butylbenzene	<1	ug/l		09/29/95	KMG
sec-Butylbenzene	<1	ug/l		09/29/95	KMG
tert-Butylbenzene	<1	ug/l		09/29/95	KMG
Carbon tetrachloride	<1	ug/l		09/29/95	KMG
Chlorobenzene	<1	ug/l		09/29/95	KMG
Chloroethane	<1	ug/l		09/29/95	KMG
Chloroform	<1	ug/l		09/29/95	KMG
Chloromethane	<1	ug/l		09/29/95	KMG
2-Chlorotoluene	<1	ug/l		09/29/95	KMG
4-Chlorotoluene	<1	ug/l		09/29/95	KMG
Dibromochloromethane	<1	ug/l		09/29/95	KMG
1,2-Dibromo-3-chloropropane(DBCP)	<1	ug/l		09/29/95	KMG
1,2-Dibromoethane (EDB)	<1	ug/l		09/29/95	KMG
Dibromomethane	<1	ug/l		09/29/95	KMG
1,2-Dichlorobenzene	<1	ug/l		09/29/95	KMG
1,3-Dichlorobenzene	<1	ug/l		09/29/95	KMG
1,4-Dichlorobenzene	<1	ug/l		09/29/95	KMG
Dichlorodifluromethane	<1	ug/l		09/29/95	KMG
1,1-Dichloroethane	<1	ug/l		09/29/95	KMG
1,2-Dichloroethane	<1	ug/l		09/29/95	KMG
1,1-Dichloroethene	<1	ug/l		09/29/95	KMG
cis-1,2-Dichloroethene	1.6	ug/l		09/29/95	KMG
trans-1,2-Dichloroethene	<1	ug/l		09/29/95	KMG

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NES-ENSA
Marguerite Drive West
RR #3, Box 8B
Canastota, NY 13032

Contacts: Richard Jones

Phone: (315) 697-3979

Sample # 50925083 Project #: L1840 -139
Customer ID: Sample 7 - 09/25/95
Matrix: NPW, Int. COC Authorization: ENSA-NES

Test Name	Results	Units	Comment	Completed	Initials
1,2-Dichloropropane	<1	ug/l		09/29/95	KMG
1,3-Dichloropropane	<1	ug/l		09/29/95	KMG
2,2-Dichloropropane	<1	ug/l		09/29/95	KMG
1,1-Dichloropropene	<1	ug/l		09/29/95	KMG
Ethylbenzene	<1	ug/l		09/29/95	KMG
Isopropylbenzene (Cumene)	<1	ug/l		09/29/95	KMG
4-Isopropyltoluene (Cymene)	<1	ug/l		09/29/95	KMG
Hexachlorobutadiene	<1	ug/l		09/29/95	KMG
Methylene chloride	<1	ug/l	a	09/29/95	KMG
Naphthalene	<1	ug/l		09/29/95	KMG
n-Propylbenzene	<1	ug/l		09/29/95	KMG
Styrene	<1	ug/l		09/29/95	KMG
1,1,1,2-Tetrachloroethane	<1	ug/l		09/29/95	KMG
1,1,2,2-Tetrachloroethane	<1	ug/l		09/29/95	KMG
Tetrachloroethene	<1	ug/l		09/29/95	KMG
Toluene	<1	ug/l		09/29/95	KMG
1,2,3-Trichlorobenzene	<1	ug/l		09/29/95	KMG
1,2,4-Trichlorobenzene	<1	ug/l		09/29/95	KMG
1,1,1,-Trichloroethane	<1	ug/l		09/29/95	KMG
1,1,2-Trichloroethane	<1	ug/l		09/29/95	KMG
Trichloroethene	<1	ug/l		09/29/95	KMG
Trichlorofluoromethane	<1	ug/l		09/29/95	KMG
1,2,3-Trichloropropane	<1	ug/l		09/29/95	KMG
1,2,4-Trimethylbenzene	<1	ug/l		09/29/95	KMG
1,3,5-Trimethylbenzene	<1	ug/l		09/29/95	KMG
Vinyl chloride	<1	ug/l		09/29/95	KMG
o-Xylene	<1	ug/l		09/29/95	KMG
m-Xylene	<1	ug/l		09/29/95	KMG
p-Xylene	<1	ug/l		09/29/95	KMG

a- This result has been blank corrected.

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East Syracuse, New York 13057
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** SAMPLE ANALYSIS REPORT ** 10/19/95

NES-ENSA
Marguerite Drive West
RR #3, Box 8B
Canastota, NY 13032

Contacts: Richard Jones

Phone: (315) 697-3979

Sample # 50925084 Project #: L1840 -139
Customer ID: Sample 8 - 09/25/95
Matrix: NPW, Int. COC Authorization: ENSA-NES

Test Name	Results	Units	Comment	Completed	Initials
Arsenic, EPA 206.2	0.013	mg/l		10/18/95	CRW
Barium, EPA 208.1	0.30	mg/l		10/12/95	KBB
Chromium,Total, EPA 218.1	<0.04	mg/l		10/11/95	JNT
Lead, EPA 239.2	0.013	mg/l		10/17/95	CRW
Mercury, EPA 245.1	<0.0002	mg/l		10/04/95	KBB
Nickel, EPA 249.1	<0.02	mg/l		10/11/95	KBB
Metals Digestion, EPA 600/4-79	Batch	1724		09/29/95	KEC
EPA 8021 Volatiles					
Benzene	<1	ug/l		09/29/95	KMG
Bromobenzene	<1	ug/l		09/29/95	KMG
Bromochloromethane	<1	ug/l		09/29/95	KMG
Bromodichloromethane	<1	ug/l		09/29/95	KMG
Bromoform	<1	ug/l		09/29/95	KMG
Bromomethane	<1	ug/l		09/29/95	KMG
n-Butylbenzene	<1	ug/l		09/29/95	KMG
sec-Butylbenzene	<1	ug/l		09/29/95	KMG
tert-Butylbenzene	<1	ug/l		09/29/95	KMG
Carbon tetrachloride	<1	ug/l		09/29/95	KMG
Chlorobenzene	<1	ug/l		09/29/95	KMG
Chloroethane	<1	ug/l		09/29/95	KMG
Chloroform	<1	ug/l		09/29/95	KMG
Chloromethane	<1	ug/l		09/29/95	KMG
2-Chlorotoluene	<1	ug/l		09/29/95	KMG
4-Chlorotoluene	<1	ug/l		09/29/95	KMG
Dibromochloromethane	<1	ug/l		09/29/95	KMG
1,2-Dibromo-3-chloropropane(DBCP)	<1	ug/l		09/29/95	KMG
1,2-Dibromoethane (EDB)	<1	ug/l		09/29/95	KMG
Dibromomethane	<1	ug/l		09/29/95	KMG
1,2-Dichlorobenzene	<1	ug/l		09/29/95	KMG
1,3-Dichlorobenzene	<1	ug/l		09/29/95	KMG
1,4-Dichlorobenzene	<1	ug/l		09/29/95	KMG
Dichlorodifluromethane	<1	ug/l		09/29/95	KMG
1,1-Dichloroethane	<1	ug/l		09/29/95	KMG
1,2-Dichloroethane	<1	ug/l		09/29/95	KMG
1,1-Dichloroethene	<1	ug/l		09/29/95	KMG
cis-1,2-Dichloroethene	<1	ug/l		09/29/95	KMG
trans-1,2-Dichloroethene	<1	ug/l		09/29/95	KMG

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** SAMPLE ANALYSIS REPORT ** 10/19/95

NES-ENSA
Marguerite Drive West
RR #3, Box 8B
Canastota, NY 13032

Contacts: Richard Jones

Phone: (315) 697-3979

Sample # 50925084 Project #: L1840 -139
Customer ID: Sample 8 - 09/25/95
Matrix: NPW, Int. COC Authorization: ENSA-NES

Test Name	Results	Units	Comment	Completed	Initials
1,2-Dichloropropane	<1	ug/l		09/29/95	KMG
1,3-Dichloropropane	<1	ug/l		09/29/95	KMG
2,2-Dichloropropane	<1	ug/l		09/29/95	KMG
1,1-Dichloropropene	<1	ug/l		09/29/95	KMG
Ethylbenzene	<1	ug/l		09/29/95	KMG
Isopropylbenzene (Cumene)	<1	ug/l		09/29/95	KMG
4-Isopropyltoluene (Cymene)	<1	ug/l		09/29/95	KMG
Hexachlorobutadiene	<1	ug/l		09/29/95	KMG
Methylene chloride	<1	ug/l	a	09/29/95	KMG
Naphthalene	<1	ug/l		09/29/95	KMG
n-Propylbenzene	<1	ug/l		09/29/95	KMG
Styrene	<1	ug/l		09/29/95	KMG
1,1,1,2-Tetrachloroethane	<1	ug/l		09/29/95	KMG
1,1,2,2-Tetrachloroethane	<1	ug/l		09/29/95	KMG
Tetrachloroethene	<1	ug/l		09/29/95	KMG
Toluene	<1	ug/l		09/29/95	KMG
1,2,3-Trichlorobenzene	<1	ug/l		09/29/95	KMG
1,2,4-Trichlorobenzene	<1	ug/l		09/29/95	KMG
1,1,1,-Trichloroethane	<1	ug/l		09/29/95	KMG
1,1,2-Trichloroethane	<1	ug/l		09/29/95	KMG
Trichloroethene	<1	ug/l		09/29/95	KMG
Trichlorofluoromethane	<1	ug/l		09/29/95	KMG
1,2,3-Trichloropropane	<1	ug/l		09/29/95	KMG
1,2,4-Trimethylbenzene	<1	ug/l		09/29/95	KMG
1,3,5-Trimethylbenzene	<1	ug/l		09/29/95	KMG
Vinyl chloride	<1	ug/l		09/29/95	KMG
o-Xylene	<1	ug/l		09/29/95	KMG
m-Xylene	<1	ug/l		09/29/95	KMG
p-Xylene	<1	ug/l		09/29/95	KMG

a- This result has been blank corrected.

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East Syracuse, New York 13057
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** SAMPLE ANALYSIS REPORT ** 10/19/95

NES-ENSA
Marguerite Drive West
RR #3, Box 8B
Canastota, NY 13032

Contacts: Richard Jones

Phone: (315) 697-3979

Sample # 50925085 Project #: L1840 -139
Customer ID: Sample 9 - 09/25/95
Matrix: NPW, Int. COC Authorization: ENSA-NES

Test Name	Results	Units	Comment	Completed	Initials
Arsenic, EPA 206.2	<0.01	mg/l		10/18/95	CRW
Barium, EPA 208.1	3.0	mg/l		10/12/95	KBB
Chromium,Total, EPA 218.1	<0.04	mg/l		10/11/95	JNT
Lead, EPA 239.2	0.011	mg/l		10/17/95	CRW
Mercury, EPA 245.1	<0.0002	mg/l		10/04/95	KBB
Nickel, EPA 249.1	<0.02	mg/l		10/11/95	KBB
Metals Digestion, EPA 600/4-79	Batch	1724		09/29/95	KEC
EPA 8021 Volatiles					
Benzene	<1	ug/l		09/29/95	KMG
Bromobenzene	<1	ug/l		09/29/95	KMG
Bromochloromethane	<1	ug/l		09/29/95	KMG
Bromodichloromethane	<1	ug/l		09/29/95	KMG
Bromoform	<1	ug/l		09/29/95	KMG
Bromomethane	<1	ug/l		09/29/95	KMG
n-Butylbenzene	<1	ug/l		09/29/95	KMG
sec-Butylbenzene	<1	ug/l		09/29/95	KMG
tert-Butylbenzene	<1	ug/l		09/29/95	KMG
Carbon tetrachloride	<1	ug/l		09/29/95	KMG
Chlorobenzene	<1	ug/l		09/29/95	KMG
Chloroethane	47	ug/l	a	09/29/95	KMG
Chloroform	<1	ug/l		09/29/95	KMG
Chloromethane	<1	ug/l		09/29/95	KMG
2-Chlorotoluene	<1	ug/l		09/29/95	KMG
4-Chlorotoluene	<1	ug/l		09/29/95	KMG
Dibromochloromethane	<1	ug/l		09/29/95	KMG
1,2-Dibromo-3-chloropropane(DBCP)	<1	ug/l		09/29/95	KMG
1,2-Dibromoethane (EDB)	<1	ug/l		09/29/95	KMG
Dibromomethane	<1	ug/l		09/29/95	KMG
1,2-Dichlorobenzene	<1	ug/l		09/29/95	KMG
1,3-Dichlorobenzene	<1	ug/l		09/29/95	KMG
1,4-Dichlorobenzene	<1	ug/l		09/29/95	KMG
Dichlorodifluromethane	<1	ug/l		09/29/95	KMG
1,1-Dichloroethane	<1	ug/l		09/29/95	KMG
1,2-Dichloroethane	<1	ug/l		09/29/95	KMG
1,1-Dichloroethene	<1	ug/l		09/29/95	KMG
cis-1,2-Dichloroethene	<1	ug/l		09/29/95	KMG
trans-1,2-Dichloroethene	<1	ug/l		09/29/95	KMG

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NES-ENSA
Marguerite Drive West
RR #3, Box 8B
Canastota, NY 13032

Contacts: Richard Jones

Phone: (315) 697-3979

Sample # 50925085 Project #: L1840 -139
Customer ID: Sample 9 - 09/25/95
Matrix: NPW, Int. COC Authorization: ENSA-NES

Test Name	Results	Units	Comment	Completed	Initials
1,2-Dichloropropane	<1	ug/l		09/29/95	KMG
1,3-Dichloropropane	<1	ug/l		09/29/95	KMG
2,2-Dichloropropane	<1	ug/l		09/29/95	KMG
1,1-Dichloropropene	<1	ug/l		09/29/95	KMG
Ethylbenzene	<1	ug/l		09/29/95	KMG
Isopropylbenzene (Cumene)	<1	ug/l		09/29/95	KMG
4-Isopropyltoluene (Cymene)	<1	ug/l		09/29/95	KMG
Hexachlorobutadiene	<1	ug/l		09/29/95	KMG
Methylene chloride	<1	ug/l		09/29/95	KMG
Naphthalene	<1	ug/l		09/29/95	KMG
n-Propylbenzene	<1	ug/l		09/29/95	KMG
Styrene	<1	ug/l		09/29/95	KMG
1,1,1,2-Tetrachloroethane	<1	ug/l		09/29/95	KMG
1,1,2,2-Tetrachloroethane	<1	ug/l		09/29/95	KMG
Tetrachloroethene	<1	ug/l		09/29/95	KMG
Toluene	<1	ug/l		09/29/95	KMG
1,2,3-Trichlorobenzene	<1	ug/l		09/29/95	KMG
1,2,4-Trichlorobenzene	<1	ug/l		09/29/95	KMG
1,1,1,-Trichloroethane	<1	ug/l		09/29/95	KMG
1,1,2-Trichloroethane	<1	ug/l		09/29/95	KMG
Trichloroethene	<1	ug/l		09/29/95	KMG
Trichlorofluoromethane	<1	ug/l		09/29/95	KMG
1,2,3-Trichloropropane	<1	ug/l		09/29/95	KMG
1,2,4-Trimethylbenzene	<1	ug/l		09/29/95	KMG
1,3,5-Trimethylbenzene	<1	ug/l		09/29/95	KMG
Vinyl chloride	<1	ug/l		09/29/95	KMG
o-Xylene	<1	ug/l		09/29/95	KMG
m-Xylene	<1	ug/l		09/29/95	KMG
p-Xylene	<1	ug/l		09/29/95	KMG

a- Confirmed by GCMS

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5854 Butternut Drive
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** SAMPLE ANALYSIS REPORT ** 10/19/95

NES-ENSA
Marguerite Drive West
RR #3, Box 8B
Canastota, NY 13032

Contacts: Richard Jones

Phone: (315) 697-3979

Sample # 50925086 Project #: L1840 -139
Customer ID: Sample 10 - 09/25/95
Matrix: NPW, Int. COC Authorization: ENSA-NES

Test Name	Results	Units	Comment	Completed	Initials
Arsenic, EPA 206.2	<0.01	mg/l		10/18/95	CRW
Barium, EPA 208.1	2.3	mg/l		10/12/95	KBB
Chromium,Total, EPA 218.1	<0.04	mg/l		10/11/95	JNT
Lead, EPA 239.2	0.012	mg/l		10/17/95	CRW
Mercury, EPA 245.1	<0.0002	mg/l		10/04/95	KBB
Nickel, EPA 249.1	<0.02	mg/l		10/11/95	KBB
Metals Digestion, EPA 600/4-79	Batch	1724		09/29/95	KEC
EPA 8021 Volatiles					
Benzene	<100	ug/l		10/02/95	KMG
Bromobenzene	<100	ug/l		10/02/95	KMG
Bromochloromethane	<100	ug/l		10/02/95	KMG
Bromodichloromethane	<100	ug/l		10/02/95	KMG
Bromoform	<100	ug/l		10/02/95	KMG
Bromomethane	<100	ug/l		10/02/95	KMG
n-Butylbenzene	<100	ug/l		10/02/95	KMG
sec-Butylbenzene	<100	ug/l		10/02/95	KMG
tert-Butylbenzene	<100	ug/l		10/02/95	KMG
Carbon tetrachloride	<100	ug/l		10/02/95	KMG
Chlorobenzene	<100	ug/l		10/02/95	KMG
Chloroethane	<100	ug/l		10/02/95	KMG
Chloroform	<100	ug/l		10/02/95	KMG
Chloromethane	<100	ug/l		10/02/95	KMG
2-Chlorotoluene	<100	ug/l		10/02/95	KMG
4-Chlorotoluene	<100	ug/l		10/02/95	KMG
Dibromochloromethane	<100	ug/l		10/02/95	KMG
1,2-Dibromo-3-chloropropane(DBCP)	<100	ug/l		10/02/95	KMG
1,2-Dibromoethane (EDB)	<100	ug/l		10/02/95	KMG
Dibromomethane	<100	ug/l		10/02/95	KMG
1,2-Dichlorobenzene	<100	ug/l		10/02/95	KMG
1,3-Dichlorobenzene	<100	ug/l		10/02/95	KMG
1,4-Dichlorobenzene	<100	ug/l		10/02/95	KMG
Dichlorodifluromethane	<100	ug/l		10/02/95	KMG
1,1-Dichloroethane	<100	ug/l		10/02/95	KMG
1,2-Dichloroethane	<100	ug/l		10/02/95	KMG
1,1-Dichloroethene	<100	ug/l		10/02/95	KMG
cis-1,2-Dichloroethene	3700	ug/l		10/02/95	KMG
trans-1,2-Dichloroethene	<100	ug/l		10/02/95	KMG

Life Science Laboratories, Inc
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** SAMPLE ANALYSIS REPORT ** 10/19/95

NES-ENSA
Marguerite Drive West
RR #3, Box 8B
Canastota, NY 13032

Contacts: Richard Jones

Phone: (315) 697-3979

Sample # 50925086 Project #: L1840 -139
Customer ID: Sample 10 - 09/25/95
Matrix: NPW, Int. COC Authorization: ENSA-NES

Test Name	Results	Units	Comment	Completed	Initials
1,2-Dichloropropane	<100	ug/l		10/02/95	KMG
1,3-Dichloropropane	<100	ug/l		10/02/95	KMG
2,2-Dichloropropane	<100	ug/l		10/02/95	KMG
1,1-Dichloropropene	<100	ug/l		10/02/95	KMG
Ethylbenzene	<100	ug/l		10/02/95	KMG
Isopropylbenzene (Cumene)	<100	ug/l		10/02/95	KMG
4-Isopropyltoluene (Cymene)	<100	ug/l		10/02/95	KMG
Hexachlorobutadiene	<100	ug/l		10/02/95	KMG
Methylene chloride	<100	ug/l		10/02/95	KMG
Naphthalene	<100	ug/l		10/02/95	KMG
n-Propylbenzene	<100	ug/l		10/02/95	KMG
Styrene	<100	ug/l		10/02/95	KMG
1,1,1,2-Tetrachloroethane	<100	ug/l		10/02/95	KMG
1,1,2,2-Tetrachloroethane	<100	ug/l		10/02/95	KMG
Tetrachloroethene	<100	ug/l		10/02/95	KMG
Toluene	<100	ug/l		10/02/95	KMG
1,2,3-Trichlorobenzene	<100	ug/l		10/02/95	KMG
1,2,4-Trichlorobenzene	<100	ug/l		10/02/95	KMG
1,1,1,-Trichloroethane	<100	ug/l		10/02/95	KMG
1,1,2-Trichloroethane	<100	ug/l		10/02/95	KMG
Trichloroethene	<100	ug/l		10/02/95	KMG
Trichlorofluoromethane	<100	ug/l		10/02/95	KMG
1,2,3-Trichloropropane	<100	ug/l		10/02/95	KMG
1,2,4-Trimethylbenzene	<100	ug/l		10/02/95	KMG
1,3,5-Trimethylbenzene	<100	ug/l		10/02/95	KMG
Vinyl chloride	1600	ug/l	a	10/02/95	KMG
o-Xylene	<100	ug/l		10/02/95	KMG
m-Xylene	<100	ug/l		10/02/95	KMG
p-Xylene	<100	ug/l		10/02/95	KMG

a- Confirmed by GCMS

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

** SAMPLE ANALYSIS REPORT ** 10/19/95

NES-ENSA
Marguerite Drive West
RR #3, Box 8B
Canastota, NY 13032

Contacts: Richard Jones

Phone: (315) 697-3979

Sample # 50925087 Project #: L1840 -139
Customer ID: Duplicate - 09/25/95
Matrix: NPW, Int. COC Authorization: ENSA-NES

Test Name	Results	Units	Comment	Completed	Initials
Arsenic, EPA 206.2	<0.01	mg/l		10/18/95	CRW
Barium, EPA 208.1	1.2	mg/l		10/12/95	KBB
Chromium,Total, EPA 218.1	<0.04	mg/l		10/11/95	JNT
Lead, EPA 239.2	<0.01	mg/l		10/17/95	CRW
Mercury, EPA 245.1	<0.0002	mg/l		10/04/95	KBB
Nickel, EPA 249.1	<0.02	mg/l		10/11/95	KBB
Metals Digestion, EPA 600/4-79	Batch	1724		09/29/95	KEC
EPA 8021 Volatiles					
Benzene	<5	ug/l		10/02/95	KMG
Bromobenzene	<5	ug/l		10/02/95	KMG
Bromochloromethane	<5	ug/l		10/02/95	KMG
Bromodichloromethane	<5	ug/l		10/02/95	KMG
Bromoform	<5	ug/l		10/02/95	KMG
Bromomethane	<5	ug/l		10/02/95	KMG
n-Butylbenzene	<5	ug/l		10/02/95	KMG
sec-Butylbenzene	<5	ug/l		10/02/95	KMG
tert-Butylbenzene	<5	ug/l		10/02/95	KMG
Carbon tetrachloride	<5	ug/l		10/02/95	KMG
Chlorobenzene	<5	ug/l		10/02/95	KMG
Chloroethane	<5	ug/l		10/02/95	KMG
Chloroform	<5	ug/l		10/02/95	KMG
Chloromethane	<5	ug/l		10/02/95	KMG
2-Chlorotoluene	<5	ug/l		10/02/95	KMG
4-Chlorotoluene	<5	ug/l		10/02/95	KMG
Dibromochloromethane	<5	ug/l		10/02/95	KMG
1,2-Dibromo-3-chloropropane(DBCP)	<5	ug/l		10/02/95	KMG
1,2-Dibromoethane (EDB)	<5	ug/l		10/02/95	KMG
Dibromomethane	<5	ug/l		10/02/95	KMG
1,2-Dichlorobenzene	<5	ug/l		10/02/95	KMG
1,3-Dichlorobenzene	<5	ug/l		10/02/95	KMG
1,4-Dichlorobenzene	<5	ug/l		10/02/95	KMG
Dichlorodifluromethane	<5	ug/l		10/02/95	KMG
1,1-Dichloroethane	5.4	ug/l		10/02/95	KMG
1,2-Dichloroethane	<5	ug/l		10/02/95	KMG
1,1-Dichloroethene	<5	ug/l		10/02/95	KMG
cis-1,2-Dichloroethene	68	ug/l		10/02/95	KMG
trans-1,2-Dichloroethene	<5	ug/l		10/02/95	KMG

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** SAMPLE ANALYSIS REPORT ** 10/19/95

NES-ENSA
Marguerite Drive West
RR #3, Box 8B
Canastota, NY 13032

Contacts: Richard Jones

Phone: (315) 697-3979

Sample # 50925087 Project #: L1840 -139
Customer ID: Duplicate - 09/25/95
Matrix: NPW, Int. COC Authorization: ENSA-NES

Test Name	Results	Units	Comment	Completed	Initials
1,2-Dichloropropane	<5	ug/l		10/02/95	KMG
1,3-Dichloropropane	<5	ug/l		10/02/95	KMG
2,2-Dichloropropane	<5	ug/l		10/02/95	KMG
1,1-Dichloropropene	<5	ug/l		10/02/95	KMG
Ethylbenzene	<5	ug/l		10/02/95	KMG
Isopropylbenzene (Cumene)	<5	ug/l		10/02/95	KMG
4-Isopropyltoluene (Cymene)	<5	ug/l		10/02/95	KMG
Hexachlorobutadiene	<5	ug/l		10/02/95	KMG
Methylene chloride	<5	ug/l		10/02/95	KMG
Naphthalene	<5	ug/l		10/02/95	KMG
n-Propylbenzene	<5	ug/l		10/02/95	KMG
Styrene	<5	ug/l		10/02/95	KMG
1,1,1,2-Tetrachloroethane	<5	ug/l		10/02/95	KMG
1,1,2,2-Tetrachloroethane	<5	ug/l		10/02/95	KMG
Tetrachloroethene	<5	ug/l		10/02/95	KMG
Toluene	140	ug/l		10/02/95	KMG
1,2,3-Trichlorobenzene	<5	ug/l		10/02/95	KMG
1,2,4-Trichlorobenzene	<5	ug/l		10/02/95	KMG
1,1,1,-Trichloroethane	7.3	ug/l		10/02/95	KMG
1,1,2-Trichloroethane	<5	ug/l		10/02/95	KMG
Trichloroethene	<5	ug/l		10/02/95	KMG
Trichlorofluoromethane	<5	ug/l		10/02/95	KMG
1,2,3-Trichloropropane	<5	ug/l		10/02/95	KMG
1,2,4-Trimethylbenzene	<5	ug/l		10/02/95	KMG
1,3,5-Trimethylbenzene	<5	ug/l		10/02/95	KMG
Vinyl chloride	210	ug/l		10/02/95	KMG
o-Xylene	<5	ug/l		10/02/95	KMG
m-Xylene	10*	ug/l	a	10/02/95	KMG
p-Xylene	*	ug/l		10/02/95	KMG

a- Chromatographically, para and meta Xylene co-elute. The reported value may represent either of these compounds or a combination thereof.

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Life Science Laboratories, Inc
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** SAMPLE ANALYSIS REPORT ** 10/19/95

NES-ENSA
Marguerite Drive West
RR #3, Box 8B
Canastota, NY 13032

Contacts: Richard Jones

Phone: (315) 697-3979

Sample # 50925088 Project #: L1840 -139
Customer ID: Field Blank - 09/25/95
Matrix: NPW, Int. COC Authorization: ENSA-NES

Test Name	Results	Units	Comment	Completed	Initials
Arsenic, EPA 206.2	<0.01	mg/l		10/18/95	CRW
Barium, EPA 208.1	<0.2	mg/l		10/12/95	KBB
Chromium,Total, EPA 218.1	<0.04	mg/l		10/11/95	JNT
Lead, EPA 239.2	<0.01	mg/l		10/17/95	CRW
Mercury, EPA 245.1	<0.0002	mg/l		10/04/95	KBB
Nickel, EPA 249.1	<0.02	mg/l		10/11/95	KBB
Metals Digestion, EPA 600/4-79	Batch	1724		09/29/95	KEC
EPA 8021 Volatiles					
Benzene	<1	ug/l		10/03/95	KMG
Bromobenzene	<1	ug/l		10/03/95	KMG
Bromochloromethane	<1	ug/l		10/03/95	KMG
Bromodichloromethane	<1	ug/l		10/03/95	KMG
Bromoform	<1	ug/l		10/03/95	KMG
Bromomethane	<1	ug/l		10/03/95	KMG
n-Butylbenzene	<1	ug/l		10/03/95	KMG
sec-Butylbenzene	<1	ug/l		10/03/95	KMG
tert-Butylbenzene	<1	ug/l		10/03/95	KMG
Carbon tetrachloride	<1	ug/l		10/03/95	KMG
Chlorobenzene	<1	ug/l		10/03/95	KMG
Chloroethane	<1	ug/l		10/03/95	KMG
Chloroform	<1	ug/l		10/03/95	KMG
Chloromethane	<1	ug/l		10/03/95	KMG
2-Chlorotoluene	<1	ug/l		10/03/95	KMG
4-Chlorotoluene	<1	ug/l		10/03/95	KMG
Dibromochloromethane	<1	ug/l		10/03/95	KMG
1,2-Dibromo-3-chloropropane(DBCP)	<1	ug/l		10/03/95	KMG
1,2-Dibromoethane (EDB)	<1	ug/l		10/03/95	KMG
Dibromomethane	<1	ug/l		10/03/95	KMG
1,2-Dichlorobenzene	<1	ug/l		10/03/95	KMG
1,3-Dichlorobenzene	<1	ug/l		10/03/95	KMG
1,4-Dichlorobenzene	<1	ug/l		10/03/95	KMG
Dichlorodifluromethane	<1	ug/l		10/03/95	KMG
1,1-Dichloroethane	<1	ug/l		10/03/95	KMG
1,2-Dichloroethane	<1	ug/l		10/03/95	KMG
1,1-Dichloroethene	<1	ug/l		10/03/95	KMG
cis-1,2-Dichloroethene	<1	ug/l		10/03/95	KMG
trans-1,2-Dichloroethene	<1	ug/l		10/03/95	KMG

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

Contacts: Richard Jones

Phone: (315) 697-3979

Sample # 50925088 Project #: L1840 -139
Customer ID: Field Blank - 09/25/95
Matrix: NPW, Int. COC Authorization: ENSA-NES

Test Name	Results	Units	Comment	Completed	Initials
1,2-Dichloropropane	<1	ug/l		10/03/95	KMG
1,3-Dichloropropane	<1	ug/l		10/03/95	KMG
2,2-Dichloropropane	<1	ug/l		10/03/95	KMG
1,1-Dichloropropene	<1	ug/l		10/03/95	KMG
Ethylbenzene	<1	ug/l		10/03/95	KMG
Isopropylbenzene (Cumene)	<1	ug/l		10/03/95	KMG
4-Isopropyltoluene (Cymene)	<1	ug/l		10/03/95	KMG
Hexachlorobutadiene	<1	ug/l		10/03/95	KMG
Methylene chloride	1.4	ug/l	a	10/03/95	KMG
Naphthalene	<1	ug/l		10/03/95	KMG
n-Propylbenzene	<1	ug/l		10/03/95	KMG
Styrene	<1	ug/l		10/03/95	KMG
1,1,1,2-Tetrachloroethane	<1	ug/l		10/03/95	KMG
1,1,2,2-Tetrachloroethane	<1	ug/l		10/03/95	KMG
Tetrachloroethene	<1	ug/l		10/03/95	KMG
Toluene	<1	ug/l		10/03/95	KMG
1,2,3-Trichlorobenzene	<1	ug/l		10/03/95	KMG
1,2,4-Trichlorobenzene	<1	ug/l		10/03/95	KMG
1,1,1,-Trichloroethane	<1	ug/l		10/03/95	KMG
1,1,2-Trichloroethane	<1	ug/l		10/03/95	KMG
Trichloroethene	<1	ug/l		10/03/95	KMG
Trichlorofluoromethane	<1	ug/l		10/03/95	KMG
1,2,3-Trichloropropane	<1	ug/l		10/03/95	KMG
1,2,4-Trimethylbenzene	<1	ug/l		10/03/95	KMG
1,3,5-Trimethylbenzene	<1	ug/l		10/03/95	KMG
Vinyl chloride	<1	ug/l		10/03/95	KMG
o-Xylene	<1	ug/l		10/03/95	KMG
m-Xylene	<1	ug/l		10/03/95	KMG
p-Xylene	<1	ug/l		10/03/95	KMG

a- Laboratory contamination is suspected.

****

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

** SAMPLE ANALYSIS REPORT ** 10/19/95

NES-ENSA
Marguerite Drive West
RR #3, Box 8B
Canastota, NY 13032

Contacts: Richard Jones

Phone: (315) 697-3979

Sample # 50925089
Customer ID: Trip Blank
Matrix: NPW, Int. COC

Project #: L1840 -139

Authorization: ENSA-NES

Test Name	Results	Units	Comment	Completed	Initials
EPA 8021 Volatiles					
Benzene	<1	ug/l		10/02/95	KMG
Bromobenzene	<1	ug/l		10/02/95	KMG
Bromochloromethane	<1	ug/l		10/02/95	KMG
Bromodichloromethane	<1	ug/l		10/02/95	KMG
Bromoform	<1	ug/l		10/02/95	KMG
Bromomethane	<1	ug/l		10/02/95	KMG
n-Butylbenzene	<1	ug/l		10/02/95	KMG
sec-Butylbenzene	<1	ug/l		10/02/95	KMG
tert-Butylbenzene	<1	ug/l		10/02/95	KMG
Carbon tetrachloride	<1	ug/l		10/02/95	KMG
Chlorobenzene	<1	ug/l		10/02/95	KMG
Chloroethane	<1	ug/l		10/02/95	KMG
Chloroform	<1	ug/l		10/02/95	KMG
Chloromethane	<1	ug/l		10/02/95	KMG
2-Chlorotoluene	<1	ug/l		10/02/95	KMG
4-Chlorotoluene	<1	ug/l		10/02/95	KMG
Dibromochloromethane	<1	ug/l		10/02/95	KMG
1,2-Dibromo-3-chloropropane(DBCP)	<1	ug/l		10/02/95	KMG
1,2-Dibromoethane (EDB)	<1	ug/l		10/02/95	KMG
Dibromomethane	<1	ug/l		10/02/95	KMG
1,2-Dichlorobenzene	<1	ug/l		10/02/95	KMG
1,3-Dichlorobenzene	<1	ug/l		10/02/95	KMG
1,4-Dichlorobenzene	<1	ug/l		10/02/95	KMG
Dichlorodifluromethane	<1	ug/l		10/02/95	KMG
1,1-Dichloroethane	<1	ug/l		10/02/95	KMG
1,2-Dichloroethane	<1	ug/l		10/02/95	KMG
1,1-Dichloroethene	<1	ug/l		10/02/95	KMG
cis-1,2-Dichloroethene	<1	ug/l		10/02/95	KMG
trans-1,2-Dichloroethene	<1	ug/l		10/02/95	KMG
1,2-Dichloropropane	<1	ug/l		10/02/95	KMG
1,3-Dichloropropane	<1	ug/l		10/02/95	KMG
2,2-Dichloropropane	<1	ug/l		10/02/95	KMG
1,1-Dichloropropene	<1	ug/l		10/02/95	KMG
Ethylbenzene	<1	ug/l		10/02/95	KMG
Isopropylbenzene (Cumene)	<1	ug/l		10/02/95	KMG
4-Isopropyltoluene (Cymene)	<1	ug/l		10/02/95	KMG

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** SAMPLE ANALYSIS REPORT ** 10/19/95

NES-ENSA
Marguerite Drive West
RR #3, Box 8B
Canastota, NY 13032

Contacts: Richard Jones

Phone: (315) 697-3979

Sample # 50925089 Project #: L1840 -139
Customer ID: Trip Blank
Matrix: NPW, Int. COC Authorization: ENSA-NES

Test Name	Results	Units	Comment	Completed	Initials
Hexachlorobutadiene	<1	ug/l		10/02/95	KMG
Methylene chloride	1.5	ug/l	a	10/02/95	KMG
Naphthalene	<1	ug/l		10/02/95	KMG
n-Propylbenzene	<1	ug/l		10/02/95	KMG
Styrene	<1	ug/l		10/02/95	KMG
1,1,1,2-Tetrachloroethane	<1	ug/l		10/02/95	KMG
1,1,2,2-Tetrachloroethane	<1	ug/l		10/02/95	KMG
Tetrachloroethene	<1	ug/l		10/02/95	KMG
Toluene	<1	ug/l		10/02/95	KMG
1,2,3-Trichlorobenzene	<1	ug/l		10/02/95	KMG
1,2,4-Trichlorobenzene	<1	ug/l		10/02/95	KMG
1,1,1,-Trichloroethane	<1	ug/l		10/02/95	KMG
1,1,2-Trichloroethane	<1	ug/l		10/02/95	KMG
Trichloroethene	<1	ug/l		10/02/95	KMG
Trichlorofluoromethane	<1	ug/l		10/02/95	KMG
1,2,3-Trichloropropane	<1	ug/l		10/02/95	KMG
1,2,4-Trimethylbenzene	<1	ug/l		10/02/95	KMG
1,3,5-Trimethylbenzene	<1	ug/l		10/02/95	KMG
Vinyl chloride	<1	ug/l		10/02/95	KMG
o-Xylene	<1	ug/l		10/02/95	KMG
m-Xylene	<1	ug/l		10/02/95	KMG
p-Xylene	<1	ug/l		10/02/95	KMG

a- Laboratory contamination is suspected.

****

Sample # 50925090 Project #: L1840 -139
Customer ID: Sample 11 - 09/26/95
Matrix: NPW, Int. COC Authorization: ENSA-NES

Test Name	Results	Units	Comment	Completed	Initials
Arsenic, EPA 206.2	<0.01	mg/l		10/18/95	CRW
Barium, EPA 208.1	2.1	mg/l		10/12/95	KBB
Chromium,Total, EPA 218.1	<0.04	mg/l		10/11/95	JNT
Lead, EPA 239.2	0.011	mg/l		10/17/95	CRW

Life Science Laboratories, Inc
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** SAMPLE ANALYSIS REPORT ** 10/19/95

NES-ENSA
Marguerite Drive West
RR #3, Box 8B
Canastota, NY 13032

Contacts: Richard Jones
Phone: (315) 697-3979

Sample # 50925090 Project #: L1840 -139
Customer ID: Sample 11 - 09/26/95
Matrix: NPW, Int. COC Authorization: ENSA-NES

Test Name	Results	Units	Comment	Completed	Initials
Mercury, EPA 245.1	<0.0002	mg/l		10/04/95	KBB
Nickel, EPA 249.1	<0.02	mg/l		10/11/95	KBB
Metals Digestion, EPA 600/4-79	Batch	1724		09/29/95	KEC
EPA 8021 Volatiles					
Benzene	<1	ug/l		10/03/95	KMG
Bromobenzene	<1	ug/l		10/03/95	KMG
Bromochloromethane	<1	ug/l		10/03/95	KMG
Bromodichloromethane	<1	ug/l		10/03/95	KMG
Bromoform	<1	ug/l		10/03/95	KMG
Bromomethane	<1	ug/l		10/03/95	KMG
n-Butylbenzene	<1	ug/l		10/03/95	KMG
sec-Butylbenzene	<1	ug/l		10/03/95	KMG
tert-Butylbenzene	<1	ug/l		10/03/95	KMG
Carbon tetrachloride	<1	ug/l		10/03/95	KMG
Chlorobenzene	<1	ug/l		10/03/95	KMG
Chloroethane	<1	ug/l		10/03/95	KMG
Chloroform	<1	ug/l		10/03/95	KMG
Chloromethane	<1	ug/l		10/03/95	KMG
2-Chlorotoluene	<1	ug/l		10/03/95	KMG
4-Chlorotoluene	<1	ug/l		10/03/95	KMG
Dibromochloromethane	<1	ug/l		10/03/95	KMG
1,2-Dibromo-3-chloropropane(DBCP)	<1	ug/l		10/03/95	KMG
1,2-Dibromoethane (EDB)	<1	ug/l		10/03/95	KMG
Dibromomethane	<1	ug/l		10/03/95	KMG
1,2-Dichlorobenzene	<1	ug/l		10/03/95	KMG
1,3-Dichlorobenzene	<1	ug/l		10/03/95	KMG
1,4-Dichlorobenzene	<1	ug/l		10/03/95	KMG
Dichlorodifluromethane	<1	ug/l		10/03/95	KMG
1,1-Dichloroethane	<1	ug/l		10/03/95	KMG
1,2-Dichloroethane	<1	ug/l		10/03/95	KMG
1,1-Dichloroethene	<1	ug/l		10/03/95	KMG
cis-1,2-Dichloroethene	<1	ug/l		10/03/95	KMG
trans-1,2-Dichloroethene	<1	ug/l		10/03/95	KMG
1,2-Dichloropropane	<1	ug/l		10/03/95	KMG
1,3-Dichloropropane	<1	ug/l		10/03/95	KMG
2,2-Dichloropropane	<1	ug/l		10/03/95	KMG
1,1-Dichloropropene	<1	ug/l		10/03/95	KMG

Life Science Laboratories, Inc
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** SAMPLE ANALYSIS REPORT ** 10/19/95

NES-ENSA
Marguerite Drive West
RR #3, Box 8B
Canastota, NY 13032

Contacts: Richard Jones

Phone: (315) 697-3979

Sample # 50925090 Project #: L1840 -139
Customer ID: Sample 11 - 09/26/95
Matrix: NPW, Int. COC Authorization: ENSA-NES

Test Name	Results	Units	Comment	Completed	Initials
Ethylbenzene	<1	ug/l		10/03/95	KMG
Isopropylbenzene (Cumene)	<1	ug/l		10/03/95	KMG
4-Isopropyltoluene (Cymene)	<1	ug/l		10/03/95	KMG
Hexachlorobutadiene	<1	ug/l		10/03/95	KMG
Methylene chloride	1.5	ug/l	a	10/03/95	KMG
Naphthalene	<1	ug/l		10/03/95	KMG
n-Propylbenzene	<1	ug/l		10/03/95	KMG
Styrene	<1	ug/l		10/03/95	KMG
1,1,1,2-Tetrachloroethane	<1	ug/l		10/03/95	KMG
1,1,2,2-Tetrachloroethane	<1	ug/l		10/03/95	KMG
Tetrachloroethene	<1	ug/l		10/03/95	KMG
Toluene	<1	ug/l		10/03/95	KMG
1,2,3-Trichlorobenzene	<1	ug/l		10/03/95	KMG
1,2,4-Trichlorobenzene	<1	ug/l		10/03/95	KMG
1,1,1,-Trichloroethane	<1	ug/l		10/03/95	KMG
1,1,2-Trichloroethane	<1	ug/l		10/03/95	KMG
Trichloroethene	<1	ug/l		10/03/95	KMG
Trichlorofluoromethane	<1	ug/l		10/03/95	KMG
1,2,3-Trichloropropane	<1	ug/l		10/03/95	KMG
1,2,4-Trimethylbenzene	<1	ug/l		10/03/95	KMG
1,3,5-Trimethylbenzene	<1	ug/l		10/03/95	KMG
Vinyl chloride	<1	ug/l		10/03/95	KMG
o-Xylene	<1	ug/l		10/03/95	KMG
m-Xylene	<1	ug/l		10/03/95	KMG
p-Xylene	<1	ug/l		10/03/95	KMG

a- Laboratory contamination is suspected.

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

** SAMPLE ANALYSIS REPORT ** 10/19/95

NES-ENSA
Marguerite Drive West
RR #3, Box 8B
Canastota, NY 13032

Contacts: Richard Jones

Phone: (315) 697-3979

Sample # 50925091 Project #: L1840 -139
Customer ID: Sample 12 - 09/26/95
Matrix: NPW, Int. COC Authorization: ENSA-NES

Test Name	Results	Units	Comment	Completed	Initials
Arsenic, EPA 206.2	0.014	mg/l		10/18/95	CRW
Barium, EPA 208.1	<0.2	mg/l		10/12/95	KBB
Chromium,Total, EPA 218.1	<0.04	mg/l		10/11/95	JNT
Lead, EPA 239.2	<0.01	mg/l		10/17/95	CRW
Mercury, EPA 245.1	<0.0002	mg/l		10/04/95	KBB
Nickel, EPA 249.1	<0.02	mg/l		10/11/95	KBB
Metals Digestion, EPA 600/4-79	Batch	1724		09/29/95	KEC
EPA 8021 Volatiles					
Benzene	<1	ug/l		10/02/95	KMG
Bromobenzene	<1	ug/l		10/02/95	KMG
Bromochloromethane	<1	ug/l		10/02/95	KMG
Bromodichloromethane	<1	ug/l		10/02/95	KMG
Bromoform	<1	ug/l		10/02/95	KMG
Bromomethane	<1	ug/l		10/02/95	KMG
n-Butylbenzene	<1	ug/l		10/02/95	KMG
sec-Butylbenzene	<1	ug/l		10/02/95	KMG
tert-Butylbenzene	<1	ug/l		10/02/95	KMG
Carbon tetrachloride	<1	ug/l		10/02/95	KMG
Chlorobenzene	<1	ug/l		10/02/95	KMG
Chloroethane	<1	ug/l		10/02/95	KMG
Chloroform	<1	ug/l		10/02/95	KMG
Chloromethane	<1	ug/l		10/02/95	KMG
2-Chlorotoluene	<1	ug/l		10/02/95	KMG
4-Chlorotoluene	<1	ug/l		10/02/95	KMG
Dibromochloromethane	<1	ug/l		10/02/95	KMG
1,2-Dibromo-3-chloropropane(DBCP)	<1	ug/l		10/02/95	KMG
1,2-Dibromoethane (EDB)	<1	ug/l		10/02/95	KMG
Dibromomethane	<1	ug/l		10/02/95	KMG
1,2-Dichlorobenzene	<1	ug/l		10/02/95	KMG
1,3-Dichlorobenzene	<1	ug/l		10/02/95	KMG
1,4-Dichlorobenzene	<1	ug/l		10/02/95	KMG
Dichlorodifluromethane	<1	ug/l		10/02/95	KMG
1,1-Dichloroethane	<1	ug/l		10/02/95	KMG
1,2-Dichloroethane	<1	ug/l		10/02/95	KMG
1,1-Dichloroethene	<1	ug/l		10/02/95	KMG
cis-1,2-Dichloroethene	<1	ug/l		10/02/95	KMG
trans-1,2-Dichloroethene	<1	ug/l		10/02/95	KMG

Life Science Laboratories, Inc
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** SAMPLE ANALYSIS REPORT ** 10/19/95

NES-ENSA
Marguerite Drive West
RR #3, Box 8B
Canastota, NY 13032

Contacts: Richard Jones

Phone: (315) 697-3979

Sample # 50925091 Project #: L1840 -139
Customer ID: Sample 12 - 09/26/95
Matrix: NPW, Int. COC Authorization: ENSA-NES

Test Name	Results	Units	Comment	Completed	Initials
1,2-Dichloropropane	<1	ug/l		10/02/95	KMG
1,3-Dichloropropane	<1	ug/l		10/02/95	KMG
2,2-Dichloropropane	<1	ug/l		10/02/95	KMG
1,1-Dichloropropene	<1	ug/l		10/02/95	KMG
Ethylbenzene	<1	ug/l		10/02/95	KMG
Isopropylbenzene (Cumene)	<1	ug/l		10/02/95	KMG
4-Isopropyltoluene (Cymene)	<1	ug/l		10/02/95	KMG
Hexachlorobutadiene	<1	ug/l		10/02/95	KMG
Methylene chloride	2.1	ug/l	a	10/02/95	KMG
Naphthalene	<1	ug/l		10/02/95	KMG
n-Propylbenzene	<1	ug/l		10/02/95	KMG
Styrene	<1	ug/l		10/02/95	KMG
1,1,1,2-Tetrachloroethane	<1	ug/l		10/02/95	KMG
1,1,2,2-Tetrachloroethane	<1	ug/l		10/02/95	KMG
Tetrachloroethene	<1	ug/l		10/02/95	KMG
Toluene	<1	ug/l		10/02/95	KMG
1,2,3-Trichlorobenzene	<1	ug/l		10/02/95	KMG
1,2,4-Trichlorobenzene	<1	ug/l		10/02/95	KMG
1,1,1,-Trichloroethane	<1	ug/l		10/02/95	KMG
1,1,2-Trichloroethane	<1	ug/l		10/02/95	KMG
Trichloroethene	<1	ug/l		10/02/95	KMG
Trichlorofluoromethane	<1	ug/l		10/02/95	KMG
1,2,3-Trichloropropane	<1	ug/l		10/02/95	KMG
1,2,4-Trimethylbenzene	<1	ug/l		10/02/95	KMG
1,3,5-Trimethylbenzene	<1	ug/l		10/02/95	KMG
Vinyl chloride	<1	ug/l		10/02/95	KMG
o-Xylene	<1	ug/l		10/02/95	KMG
m-Xylene	<1	ug/l		10/02/95	KMG
p-Xylene	<1	ug/l		10/02/95	KMG

a- Laboratory contamination is suspected.

****

Life Science Laboratories, Inc
5854 Butternut Drive
East Syracuse, New York 13057
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NYS DOH ELAP NO. 10248

** SAMPLE ANALYSIS REPORT ** 10/19/95

NES-ENSA
Marguerite Drive West
RR #3, Box 8B
Canastota, NY 13032

Contacts: Richard Jones

Phone: (315) 697-3979

Sample # 50925092 Project #: L1840 -139
Customer ID: Field Blank - 09/26/95
Matrix: NPW, Int. COC Authorization: ENSA-NES

Test Name	Results	Units	Comment	Completed	Initials
Arsenic, EPA 206.2	<0.01	mg/l		10/18/95	CRW
Barium, EPA 208.1	<0.2	mg/l		10/12/95	KBB
Chromium,Total, EPA 218.1	<0.04	mg/l		10/11/95	JNT
Lead, EPA 239.2	<0.01	mg/l		10/17/95	CRW
Mercury, EPA 245.1	<0.0002	mg/l		10/04/95	KBB
Nickel, EPA 249.1	<0.02	mg/l		10/11/95	KBB
Metals Digestion, EPA 600/4-79	Batch	1724		09/29/95	KEC
EPA 8021 Volatiles					
Benzene	<1	ug/l		10/03/95	KMG
Bromobenzene	<1	ug/l		10/03/95	KMG
Bromochloromethane	<1	ug/l		10/03/95	KMG
Bromodichloromethane	<1	ug/l		10/03/95	KMG
Bromoform	<1	ug/l		10/03/95	KMG
Bromomethane	<1	ug/l		10/03/95	KMG
n-Butylbenzene	<1	ug/l		10/03/95	KMG
sec-Butylbenzene	<1	ug/l		10/03/95	KMG
tert-Butylbenzene	<1	ug/l		10/03/95	KMG
Carbon tetrachloride	<1	ug/l		10/03/95	KMG
Chlorobenzene	<1	ug/l		10/03/95	KMG
Chloroethane	<1	ug/l		10/03/95	KMG
Chloroform	<1	ug/l		10/03/95	KMG
Chloromethane	<1	ug/l		10/03/95	KMG
2-Chlorotoluene	<1	ug/l		10/03/95	KMG
4-Chlorotoluene	<1	ug/l		10/03/95	KMG
Dibromochloromethane	<1	ug/l		10/03/95	KMG
1,2-Dibromo-3-chloropropane(DBCP)	<1	ug/l		10/03/95	KMG
1,2-Dibromoethane (EDB)	<1	ug/l		10/03/95	KMG
Dibromomethane	<1	ug/l		10/03/95	KMG
1,2-Dichlorobenzene	<1	ug/l		10/03/95	KMG
1,3-Dichlorobenzene	<1	ug/l		10/03/95	KMG
1,4-Dichlorobenzene	<1	ug/l		10/03/95	KMG
Dichlorodifluromethane	<1	ug/l		10/03/95	KMG
1,1-Dichloroethane	<1	ug/l		10/03/95	KMG
1,2-Dichloroethane	<1	ug/l		10/03/95	KMG
1,1-Dichloroethene	<1	ug/l		10/03/95	KMG
cis-1,2-Dichloroethene	<1	ug/l		10/03/95	KMG
trans-1,2-Dichloroethene	<1	ug/l		10/03/95	KMG

Life Science Laboratories, Inc
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** SAMPLE ANALYSIS REPORT ** 10/19/95

NES-ENSA
Marguerite Drive West
RR #3, Box 8B
Canastota, NY 13032

Contacts: Richard Jones

Phone: (315) 697-3979

Sample # 50925092 Project #: L1840 -139
Customer ID: Field Blank - 09/26/95
Matrix: NPW, Int. COC Authorization: ENSA-NES

Test Name	Results	Units	Comment	Completed	Initials
1,2-Dichloropropane	<1	ug/l		10/03/95	KMG
1,3-Dichloropropane	<1	ug/l		10/03/95	KMG
2,2-Dichloropropane	<1	ug/l		10/03/95	KMG
1,1-Dichloropropene	<1	ug/l		10/03/95	KMG
Ethylbenzene	<1	ug/l		10/03/95	KMG
Isopropylbenzene (Cumene)	<1	ug/l		10/03/95	KMG
4-Isopropyltoluene (Cymene)	<1	ug/l		10/03/95	KMG
Hexachlorobutadiene	<1	ug/l		10/03/95	KMG
Methylene chloride	1.1	ug/l	a	10/03/95	KMG
Naphthalene	<1	ug/l		10/03/95	KMG
n-Propylbenzene	<1	ug/l		10/03/95	KMG
Styrene	<1	ug/l		10/03/95	KMG
1,1,1,2-Tetrachloroethane	<1	ug/l		10/03/95	KMG
1,1,2,2-Tetrachloroethane	<1	ug/l		10/03/95	KMG
Tetrachloroethene	<1	ug/l		10/03/95	KMG
Toluene	<1	ug/l		10/03/95	KMG
1,2,3-Trichlorobenzene	<1	ug/l		10/03/95	KMG
1,2,4-Trichlorobenzene	<1	ug/l		10/03/95	KMG
1,1,1,-Trichloroethane	<1	ug/l		10/03/95	KMG
1,1,2-Trichloroethane	<1	ug/l		10/03/95	KMG
Trichloroethene	<1	ug/l		10/03/95	KMG
Trichlorofluoromethane	<1	ug/l		10/03/95	KMG
1,2,3-Trichloropropane	<1	ug/l		10/03/95	KMG
1,2,4-Trimethylbenzene	<1	ug/l		10/03/95	KMG
1,3,5-Trimethylbenzene	<1	ug/l		10/03/95	KMG
Vinyl chloride	<1	ug/l		10/03/95	KMG
o-Xylene	<1	ug/l		10/03/95	KMG
m-Xylene	<1	ug/l		10/03/95	KMG
p-Xylene	<1	ug/l		10/03/95	KMG

a- Laboratory contamination is suspected.

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Life Science Laboratories, Inc
5854 Butternut Drive
East Syracuse, New York 13057
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** SAMPLE ANALYSIS REPORT ** 10/19/95

NES-ENSA
Marguerite Drive West
RR #3, Box 8B
Canastota, NY 13032

Contacts: Richard Jones

Phone: (315) 697-3979

Sample # 50925093 Project #: L1840 -139
Customer ID: Sample 13 - 09/26/95
Matrix: NPW, Int. COC Authorization: ENSA-NES

Test Name	Results	Units	Comment	Completed	Initials
Arsenic, EPA 206.2	<0.01	mg/l		10/18/95	CRW
Barium, EPA 208.1	0.32	mg/l		10/12/95	KBB
Chromium,Total, EPA 218.1	<0.04	mg/l		10/11/95	JNT
Lead, EPA 239.2	<0.01	mg/l		10/17/95	CRW
Mercury, EPA 245.1	<0.0002	mg/l		10/04/95	KBB
Nickel, EPA 249.1	<0.02	mg/l		10/11/95	KBB
Metals Digestion, EPA 600/4-79	Batch	1724		09/29/95	KEC
EPA 8021 Volatiles					
Benzene	<1	ug/l		10/02/95	KMG
Bromobenzene	<1	ug/l		10/02/95	KMG
Bromochloromethane	<1	ug/l		10/02/95	KMG
Bromodichloromethane	<1	ug/l		10/02/95	KMG
Bromoform	<1	ug/l		10/02/95	KMG
Bromomethane	<1	ug/l		10/02/95	KMG
n-Butylbenzene	<1	ug/l		10/02/95	KMG
sec-Butylbenzene	<1	ug/l		10/02/95	KMG
tert-Butylbenzene	<1	ug/l		10/02/95	KMG
Carbon tetrachloride	<1	ug/l		10/02/95	KMG
Chlorobenzene	<1	ug/l		10/02/95	KMG
Chloroethane	<1	ug/l		10/02/95	KMG
Chloroform	<1	ug/l		10/02/95	KMG
Chloromethane	<1	ug/l		10/02/95	KMG
2-Chlorotoluene	<1	ug/l		10/02/95	KMG
4-Chlorotoluene	<1	ug/l		10/02/95	KMG
Dibromochloromethane	<1	ug/l		10/02/95	KMG
1,2-Dibromo-3-chloropropane(DBCP)	<1	ug/l		10/02/95	KMG
1,2-Dibromoethane (EDB)	<1	ug/l		10/02/95	KMG
Dibromomethane	<1	ug/l		10/02/95	KMG
1,2-Dichlorobenzene	<1	ug/l		10/02/95	KMG
1,3-Dichlorobenzene	<1	ug/l		10/02/95	KMG
1,4-Dichlorobenzene	<1	ug/l		10/02/95	KMG
Dichlorodifluromethane	<1	ug/l		10/02/95	KMG
1,1-Dichloroethane	<1	ug/l		10/02/95	KMG
1,2-Dichloroethane	<1	ug/l		10/02/95	KMG
1,1-Dichloroethene	<1	ug/l		10/02/95	KMG
cis-1,2-Dichloroethene	<1	ug/l		10/02/95	KMG
trans-1,2-Dichloroethene	<1	ug/l		10/02/95	KMG

Life Science Laboratories, Inc
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** SAMPLE ANALYSIS REPORT ** 10/19/95

NES-ENSA
Marguerite Drive West
RR #3, Box 8B
Canastota, NY 13032

Contacts: Richard Jones

Phone: (315) 697-3979

Sample # 50925093 Project #: L1840 -139
Customer ID: Sample 13 - 09/26/95
Matrix: NPW, Int. COC Authorization: ENSA-NES

Test Name	Results	Units	Comment	Completed	Initials
1,2-Dichloropropane	<1	ug/l		10/02/95	KMG
1,3-Dichloropropane	<1	ug/l		10/02/95	KMG
2,2-Dichloropropane	<1	ug/l		10/02/95	KMG
1,1-Dichloropropene	<1	ug/l		10/02/95	KMG
Ethylbenzene	<1	ug/l		10/02/95	KMG
Isopropylbenzene (Cumene)	<1	ug/l		10/02/95	KMG
4-Isopropyltoluene (Cymene)	<1	ug/l		10/02/95	KMG
Hexachlorobutadiene	<1	ug/l		10/02/95	KMG
Methylene chloride	1.6	ug/l	a	10/02/95	KMG
Naphthalene	<1	ug/l		10/02/95	KMG
n-Propylbenzene	<1	ug/l		10/02/95	KMG
Styrene	<1	ug/l		10/02/95	KMG
1,1,1,2-Tetrachloroethane	<1	ug/l		10/02/95	KMG
1,1,2,2-Tetrachloroethane	<1	ug/l		10/02/95	KMG
Tetrachloroethene	<1	ug/l		10/02/95	KMG
Toluene	<1	ug/l		10/02/95	KMG
1,2,3-Trichlorobenzene	<1	ug/l		10/02/95	KMG
1,2,4-Trichlorobenzene	<1	ug/l		10/02/95	KMG
1,1,1,-Trichloroethane	<1	ug/l		10/02/95	KMG
1,1,2-Trichloroethane	<1	ug/l		10/02/95	KMG
Trichloroethene	<1	ug/l		10/02/95	KMG
Trichlorofluoromethane	<1	ug/l		10/02/95	KMG
1,2,3-Trichloropropane	<1	ug/l		10/02/95	KMG
1,2,4-Trimethylbenzene	<1	ug/l		10/02/95	KMG
1,3,5-Trimethylbenzene	<1	ug/l		10/02/95	KMG
Vinyl chloride	<1	ug/l		10/02/95	KMG
o-Xylene	<1	ug/l		10/02/95	KMG
m-Xylene	<1	ug/l		10/02/95	KMG
p-Xylene	<1	ug/l		10/02/95	KMG

a- Laboratory contamination is suspected.

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Life Science Laboratories, Inc
5854 Butternut Drive
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** SAMPLE ANALYSIS REPORT ** 10/19/95

NES-ENSA
Marguerite Drive West
RR #3, Box 8B
Canastota, NY 13032

Contacts: Richard Jones

Phone: (315) 697-3979

Sample # 50925094 Project #: L1840 -139
Customer ID: Sample 14 - 09/26/95
Matrix: NPW, Int. COC Authorization: ENSA-NES

Test Name	Results	Units	Comment	Completed	Initials
Arsenic, EPA 206.2	0.048	mg/l		10/18/95	CRW
Barium, EPA 208.1	2.4	mg/l		10/12/95	KBB
Chromium,Total, EPA 218.1	<0.04	mg/l		10/11/95	JNT
Lead, EPA 239.2	0.079	mg/l		10/17/95	CRW
Mercury, EPA 245.1	<0.0002	mg/l		10/04/95	KBB
Nickel, EPA 249.1	0.23	mg/l		10/11/95	KBB
Metals Digestion, EPA 600/4-79	Batch	1724		09/29/95	KEC
EPA 8021 Volatiles					
Benzene	<1	ug/l		10/02/95	KMG
Bromobenzene	<1	ug/l		10/02/95	KMG
Bromochloromethane	<1	ug/l		10/02/95	KMG
Bromodichloromethane	<1	ug/l		10/02/95	KMG
Bromoform	<1	ug/l		10/02/95	KMG
Bromomethane	<1	ug/l		10/02/95	KMG
n-Butylbenzene	<1	ug/l		10/02/95	KMG
sec-Butylbenzene	<1	ug/l		10/02/95	KMG
tert-Butylbenzene	<1	ug/l		10/02/95	KMG
Carbon tetrachloride	<1	ug/l		10/02/95	KMG
Chlorobenzene	<1	ug/l		10/02/95	KMG
Chloroethane	<1	ug/l		10/02/95	KMG
Chloroform	<1	ug/l		10/02/95	KMG
Chloromethane	<1	ug/l		10/02/95	KMG
2-Chlorotoluene	<1	ug/l		10/02/95	KMG
4-Chlorotoluene	<1	ug/l		10/02/95	KMG
Dibromochloromethane	<1	ug/l		10/02/95	KMG
1,2-Dibromo-3-chloropropane(DBCP)	<1	ug/l		10/02/95	KMG
1,2-Dibromoethane (EDB)	<1	ug/l		10/02/95	KMG
Dibromomethane	<1	ug/l		10/02/95	KMG
1,2-Dichlorobenzene	<1	ug/l		10/02/95	KMG
1,3-Dichlorobenzene	<1	ug/l		10/02/95	KMG
1,4-Dichlorobenzene	<1	ug/l		10/02/95	KMG
Dichlorodifluromethane	<1	ug/l		10/02/95	KMG
1,1-Dichloroethane	<1	ug/l		10/02/95	KMG
1,2-Dichloroethane	<1	ug/l		10/02/95	KMG
1,1-Dichloroethene	<1	ug/l		10/02/95	KMG
cis-1,2-Dichloroethene	<1	ug/l		10/02/95	KMG
trans-1,2-Dichloroethene	<1	ug/l		10/02/95	KMG

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

** SAMPLE ANALYSIS REPORT ** 10/19/95

NES-ENSA
Marguerite Drive West
RR #3, Box 8B
Canastota, NY 13032

Contacts: Richard Jones

Phone: (315) 697-3979

Sample # 50925094 Project #: L1840 -139
Customer ID: Sample 14 - 09/26/95
Matrix: NPW, Int. COC Authorization: ENSA-NES

Test Name	Results	Units	Comment	Completed	Initials
1,2-Dichloropropane	<1	ug/l		10/02/95	KMG
1,3-Dichloropropane	<1	ug/l		10/02/95	KMG
2,2-Dichloropropane	<1	ug/l		10/02/95	KMG
1,1-Dichloropropene	<1	ug/l		10/02/95	KMG
Ethylbenzene	<1	ug/l		10/02/95	KMG
Isopropylbenzene (Cumene)	<1	ug/l		10/02/95	KMG
4-Isopropyltoluene (Cymene)	<1	ug/l		10/02/95	KMG
Hexachlorobutadiene	<1	ug/l		10/02/95	KMG
Methylene chloride	2.5	ug/l	a	10/02/95	KMG
Naphthalene	<1	ug/l		10/02/95	KMG
n-Propylbenzene	<1	ug/l		10/02/95	KMG
Styrene	<1	ug/l		10/02/95	KMG
1,1,1,2-Tetrachloroethane	<1	ug/l		10/02/95	KMG
1,1,2,2-Tetrachloroethane	<1	ug/l		10/02/95	KMG
Tetrachloroethene	<1	ug/l		10/02/95	KMG
Toluene	<1	ug/l		10/02/95	KMG
1,2,3-Trichlorobenzene	<1	ug/l		10/02/95	KMG
1,2,4-Trichlorobenzene	<1	ug/l		10/02/95	KMG
1,1,1,-Trichloroethane	<1	ug/l		10/02/95	KMG
1,1,2-Trichloroethane	<1	ug/l		10/02/95	KMG
Trichloroethene	<1	ug/l		10/02/95	KMG
Trichlorofluoromethane	<1	ug/l		10/02/95	KMG
1,2,3-Trichloropropane	<1	ug/l		10/02/95	KMG
1,2,4-Trimethylbenzene	<1	ug/l		10/02/95	KMG
1,3,5-Trimethylbenzene	<1	ug/l		10/02/95	KMG
Vinyl chloride	<1	ug/l		10/02/95	KMG
o-Xylene	<1	ug/l		10/02/95	KMG
m-Xylene	<1	ug/l		10/02/95	KMG
p-Xylene	<1	ug/l		10/02/95	KMG

a- Laboratory contamination is suspected.

****

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

** SAMPLE ANALYSIS REPORT ** 10/19/95

NES-ENSA
Marguerite Drive West
RR #3, Box 8B
Canastota, NY 13032

Contacts: Richard Jones

Phone: (315) 697-3979

Sample # 50925095 Project #: L1840 -139
Customer ID: Sample 15 - 09/26/95
Matrix: NPW, Int. COC Authorization: ENSA-NES

Test Name	Results	Units	Comment	Completed	Initials
Arsenic, EPA 206.2	<0.01	mg/l		10/18/95	CRW
Barium, EPA 208.1	4.4	mg/l		10/12/95	KBB
Chromium,Total, EPA 218.1	<0.04	mg/l		10/11/95	JNT
Lead, EPA 239.2	<0.01	mg/l		10/17/95	CRW
Mercury, EPA 245.1	<0.0002	mg/l		10/04/95	KBB
Nickel, EPA 249.1	<0.02	mg/l		10/11/95	KBB
Metals Digestion, EPA 600/4-79	Batch	1724		09/29/95	KEC
EPA 8021 Volatiles					
Benzene	<20	ug/l		10/03/95	KMG
Bromobenzene	<20	ug/l		10/03/95	KMG
Bromochloromethane	<20	ug/l		10/03/95	KMG
Bromodichloromethane	<20	ug/l		10/03/95	KMG
Bromoform	<20	ug/l		10/03/95	KMG
Bromomethane	<20	ug/l		10/03/95	KMG
n-Butylbenzene	<20	ug/l		10/03/95	KMG
sec-Butylbenzene	<20	ug/l		10/03/95	KMG
tert-Butylbenzene	<20	ug/l		10/03/95	KMG
Carbon tetrachloride	<20	ug/l		10/03/95	KMG
Chlorobenzene	<20	ug/l		10/03/95	KMG
Chloroethane	220	ug/l	a	10/03/95	KMG
Chloroform	<20	ug/l		10/03/95	KMG
Chloromethane	<20	ug/l		10/03/95	KMG
2-Chlorotoluene	<20	ug/l		10/03/95	KMG
4-Chlorotoluene	<20	ug/l		10/03/95	KMG
Dibromochloromethane	<20	ug/l		10/03/95	KMG
1,2-Dibromo-3-chloropropane(DBCP)	<20	ug/l		10/03/95	KMG
1,2-Dibromoethane (EDB)	<20	ug/l		10/03/95	KMG
Dibromomethane	<20	ug/l		10/03/95	KMG
1,2-Dichlorobenzene	<20	ug/l		10/03/95	KMG
1,3-Dichlorobenzene	<20	ug/l		10/03/95	KMG
1,4-Dichlorobenzene	<20	ug/l		10/03/95	KMG
Dichlorodifluromethane	<20	ug/l		10/03/95	KMG
1,1-Dichloroethane	160	ug/l		10/03/95	KMG
1,2-Dichloroethane	<20	ug/l		10/03/95	KMG
1,1-Dichloroethene	<20	ug/l		10/03/95	KMG
cis-1,2-Dichloroethene	<20	ug/l		10/03/95	KMG
trans-1,2-Dichloroethene	<20	ug/l		10/03/95	KMG

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

** SAMPLE ANALYSIS REPORT ** 10/19/95

NES-ENSA
Marguerite Drive West
RR #3, Box 8B
Canastota, NY 13032

Contacts: Richard Jones

Phone: (315) 697-3979

Sample # 50925095 Project #: L1840 -139
Customer ID: Sample 15 - 09/26/95
Matrix: NPW, Int. COC Authorization: ENSA-NES

Test Name	Results	Units	Comment	Completed	Initials
1,2-Dichloropropane	<20	ug/l		10/03/95	KMG
1,3-Dichloropropane	<20	ug/l		10/03/95	KMG
2,2-Dichloropropane	<20	ug/l		10/03/95	KMG
1,1-Dichloropropene	<20	ug/l		10/03/95	KMG
Ethylbenzene	39	ug/l		10/03/95	KMG
Isopropylbenzene (Cumene)	<20	ug/l		10/03/95	KMG
4-Isopropyltoluene (Cymene)	<20	ug/l		10/03/95	KMG
Hexachlorobutadiene	<20	ug/l		10/03/95	KMG
Methylene chloride	<20	ug/l		10/03/95	KMG
Naphthalene	<20	ug/l		10/03/95	KMG
n-Propylbenzene	<20	ug/l		10/03/95	KMG
Styrene	<20	ug/l		10/03/95	KMG
1,1,1,2-Tetrachloroethane	<20	ug/l		10/03/95	KMG
1,1,2,2-Tetrachloroethane	<20	ug/l		10/03/95	KMG
Tetrachloroethene	<20	ug/l		10/03/95	KMG
Toluene	780	ug/l		10/03/95	KMG
1,2,3-Trichlorobenzene	<20	ug/l		10/03/95	KMG
1,2,4-Trichlorobenzene	<20	ug/l		10/03/95	KMG
1,1,1,-Trichloroethane	<20	ug/l		10/03/95	KMG
1,1,2-Trichloroethane	<20	ug/l		10/03/95	KMG
Trichloroethene	<20	ug/l		10/03/95	KMG
Trichlorofluoromethane	<20	ug/l		10/03/95	KMG
1,2,3-Trichloropropane	<20	ug/l		10/03/95	KMG
1,2,4-Trimethylbenzene	<20	ug/l		10/03/95	KMG
1,3,5-Trimethylbenzene	<20	ug/l		10/03/95	KMG
Vinyl chloride	210	ug/l	a	10/03/95	KMG
o-Xylene	58	ug/l		10/03/95	KMG
m-Xylene	110 *	ug/l	b	10/03/95	KMG
p-Xylene	*	ug/l		10/03/95	KMG

a- Confirmed by GCMS

b- Chromatographically, para and meta Xylene co-elute. The reported value may represent either of these compounds or a combination thereof.

****

Life Science Laboratories, Inc.
5854 Butternut Drive
East Syracuse, NY 13057

Chain of Custody Record

L1840-139

Phone # (315) 445-1105 Telefax # (315) 445-1301

Client: ENSA Environmental Phone # 697-3733

Address: RR6 Box 8B Marguerite Dr. W. Telefax # 697-3291
Canastota, NY, 13032

Authorization:

Contact Person: R. Jones

LSL Project #: ~~L2990-52~~ 105

Client's Site I.D.: ENSA - Northeast Environmental Services

Client's Project I.D.:

LSL Sample Number	Client's Sample Identifications	Sample Date	Sample Time	Type grab	Type comp.	Matrix	Preserv. Added	Containers #	Containers size/type	Analyses	Preserv. Check
50925077	Sample 1	9/25/95	11[21]	X		GW	$Na_2S_2O_3$	2	40ml	EPA 8021	
1	Sample 1		11[21]	X			HNO_3	1	1 liter	Metals*	
50925078	Sample 2		11[29]	X			$Na_2S_2O_3$	2	40ml	EPA 8021	
1	Sample 2		11[29]	X			HNO_3	1	1 liter	Metals*	
50925079	Sample 3		11[30]	X			$Na_2S_2O_3$	2	40ml	EPA 8021	
1 50925079	Sample 3		11[30]	X			HNO_3	1	1 liter	Metals*	
50925080	Sample 4		11[50]	X			$Na_2S_2O_3$	2	40ml	EPA 8021	
1	Sample 4		11[50]	X			HNO_3	1	1 liter	Metals*	
50925081	Sample 5		11[58]	X			$Na_2S_2O_3$	2	40ml	EPA 8021	
1	Sample 5		11[58]	X			HNO_3	1	1 liter	Metals*	

Notes and Hazard identifications:

* Metals (As, Ba, Hg, Ni, Pb, Cr)

ASP Data validation Package required

Custody Transfers

	Date	Time
Containers Sent By: Date:		
Containers Received by:		
Sampled By: Received By:		
Relinquished By: Received By:		
Relinquished By: Received for Lab By: N. Drabyt	9/26/95	4:31 pm

Shipment Method: Samples Received Intact: (Y) N

Life Science Laboratories, Inc.
5854 Butternut Drive
East Syracuse, NY 13057

Chain of Custody Record

L1840-139

Phone # (315) 445-1105 Telefax # (315) 445-1301

Client: ENSA Environmental Phone # 697-3733

Address: RR6 Box 8B Marguerite Dr. W Telefax # 697-3291
Canastota, NY, 13032

Authorization:

Contact Person: R. Jones

LSL Project #: ~~L2490-52 WS~~

Client's Site I.D.: ENSA - North East Environmental Services

Client's Project I.D.:

LSL Sample Number	Client's Sample Identifications	Sample Date	Sample Time	Type grab	Type comp.	Matrix	Preserv. Added	Containers #	Containers size/type	Analyses	Preserv. Check
50925082	Sample 6	9/25/95	15 01	X		GW	$Na_2S_2O_3$	2	40ml	EPA 8021	
1	Sample 6		15 01				HNO_3	1	1 liter	Metals*	
50925083	Sample 7		14 51				$Na_2S_2O_3$	2	40ml	EPA 8021	
1	Sample 7		14 51				HNO_3	1	1 liter	Metals*	
50925084	Sample 8		14 55				$Na_2S_2O_3$	2	40 ml	EPA 8021	
1	Sample 8		14 55				HNO_3	1	1 liter	Metals*	
50925085	Sample 9		14 45				$Na_2S_2O_3$	2	40 ml	EPA 8021	
1	Sample 9		14 45				HNO_3	1	1 liter	Metals*	
50925086	Sample 10		16 10				$Na_2S_2O_3$	2	40ml	EPA 8021	
1	Sample 10		16 10				HNO_3	1	1 liter	Metals*	

Notes and Hazard identifications:
* Metals (As, Ba, Cr, Pb, Hg, Ni)

ASP Data Validation Package Required

Custody Transfers

	Date	Time
Containers Sent By: Date:		
Containers Received by:		
Sampled By: C. Mallon Received By:		
Relinquished By: Received By:		
Relinquished By: C. Mallon Received for Lab By: N. Drahst	9/26/95	11:32 am

Shipment Method: Samples Received Intact: (Y) N

Life Science Laboratories, Inc.
5854 Butternut Drive
East Syracuse, NY 13057

Chain of Custody Record

L1840-139

Phone # (315) 445-1105 Telefax # (315) 445-1301

Client: ENSA Environmental Phone # 697-3733

Address: RR6 Box 6B Marquette Dr. W. Telefax # 697-3291
Canastota, NY, 13032

Authorization:

Contact Person: R. Jones

LSL Project #: ~~L2490-52~~ WS

Client's Site I.D.: ENSA - NorthEast Environmental Services

Client's Project I.D.:

LSL Sample Number	Client's Sample Identifications	Sample Date	Sample Time	Type grab	Type comp.	Matrix	Preserv. Added	Containers #	Containers size/type	Analyses	Preserv. Check
50925087	Duplicate	9/25/95	1501	X		GW	$Na_2S_2O_3$	2	40ml	EPA 8021	
1	Duplicate		15[01]	X			HNO_3	1	1 liter	Metals*	
50925088	Field Blank-9/25		12[15]	X			$Na_2S_2O_3$	2	40ml	EPA 8021	
1	Field Blank-9/25		12[15]	X			HNO_3	1	1 liter	Metals*	
50925089	Trip Blank	—	—	X		—	$Na_2S_2O_3$	2	40ml	EPA 8021	
50925090	Sample 11	9/26/95	11[03]	X		GW	$Na_2S_2O_3$	2	40ml	EPA 8021	
1	Sample 11	9/26/95	11[03]	X			HNO_3	1	1 liter	Metals*	
50925091	Sample 12	9/26/95	11[00]	X			$Na_2S_2O_3$	2	40ml	EPA 8021	
1	Sample 12	9/26/95	11[00]	X			HNO_3	1	1 liter	Metals*	

Notes and Hazard identifications:

* Metals (As, Ba, Cr, Pb, Hg, Ni)

ASP Data Validation Package Required

Custody Transfers

	Date	Time
Containers Sent By: Date:		
Containers Received by:		
Sampled By: Received By:		
Relinquished By: Received By:		
Relinquished By: Received for Lab By: N. Drolet	9/26/95	4:32 PM

Shipment Method: Samples Received Intact: Y N

Life Science Laboratories, Inc.
5854 Butternut Drive
East Syracuse, NY 13057

Chain of Custody Record

L1840-139

Phone # (315) 445-1105 Telefax # (315) 445-1301

Client: ENSA Environmental Phone # 697-3733

Address: RR6 Box 5B Marguerite Dr. W. Telefax # 697-3291
Canastota, New York, 13032

Authorization:

Contact Person: R. Jones

LSL Project #: ~~L2490-58~~ WS

Client's Site I.D.: ENSA - NorthEast Environmental Services

Client's Project I.D.:

LSL Sample Number	Client's Sample Identifications	Sample Date	Sample Time	Type grab	Type comp.	Matrix	Preserv. Added	Containers #	Containers size/type	Analyses	Preserv. Check
50925092	Field Blank-9/26	9/26/95	11[58]	X		—	$Na_2S_2O_3$	2	40ml	EPA 8021	
1	Field Blank-9/26	9/26/95	11[58]	X		—	HNO_3	1	1 liter	Metals*	
50925093	Sample 13		11[21]			GW	$Na_2S_2O_3$	2	40ml	EPA 8021	
1	Sample 13		11[21]				HNO_3	1	1 liter	Metals*	
50925094	Sample 14		11[28]				$Na_2S_2O_3$	2	40ml	EPA 8021	
1	Sample 14		11[28]				HNO_3	1	1 liter	Metals*	
50925095	Sample 15		15[52]				$Na_2S_2O_3$	2	40ml	EPA 8021	
1	Sample 15		15[52]				HNO_3	1	1 liter	Metals*	

Notes and Hazard identifications:

* Metals (As, Ba, Cr, Pb, Hg, Ni)

ASP Data Validation Package Required

Custody Transfers

	Date	Time
Containers Sent By: Date:		
Containers Received by:		
Sampled By: Received By:		
Relinquished By: Received By:		
Relinquished By: Received for Lab By: N. Dralyt	9/26/95	4:32pm

Shipment Method: Samples Received Intact: (Y) N

APPENDIX 6

LABORATORY QA/QC DATA VALIDATION PACKAGE
NORTHEAST ENVIRONMENTAL SERVICES, INC.
THIRD QUARTER REPORT 1995

NOV 06 1995

SAMPLE ANALYSIS REPORT

L1840-139
LSL Project No.

Reviewed By

11/2/95
Date

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LIFE SCIENCE LABORATORIES, INC.
5854 Butternut Drive, East Syracuse, New York 13057 Telephone: (315) 445-1105 Fax: (315) 445-1301

Organic Analysis Data Package Cover Page

Life Science Laboratories, Inc. Project # L1840-139 ELAP # 10248
EPA 8021

Report Date: 11/1/95

LSL ID #	Client ID #	Date of Sampling	Date of Analysis
50925077	Sample 1	9/25/95	10/2/95
50925078	Sample 2	9/25/95	9/29/95
50925079	Sample 3	9/25/95	9/29/95
50925080	Sample 4	9/25/95	10/2/95
50925081	Sample 5	9/25/95	10/2/95
50925082	Sample 6	9/25/95	10/2/95
50925083	Sample 7	9/25/95	9/29/95
50925084	Sample 8	9/25/95	9/29/95
50925085	Sample 9	9/25/95	9/29/95
50925086	Sample 10	9/25/95	10/2/95
50925087	Duplicate	9/25/95	10/2/95
50925088	Field Blank-9/25	9/25/95	10/3/95
50925089	Trip Blank	9/25/95	10/2/95
50925090	Sample 11	9/26/95	10/3/95
50925091	Sample 12	9/26/95	10/2/95
50925092	Field Blank-9/26	9/26/95	10/3/95
50925093	Sample 13	9/26/95	10/2/95
50925094	Sample 14	9/26/95	10/2/95
50925095	Sample 15	9/26/95	10/3/95

Organic Analysis Data Package

Life Science Laboratories, Inc. Project # L1840-139 ELAP # 10248
EPA 8021

RESULTS -- ORGANICS

	LSL ID	50925077	50925078	50925079	50925080	50925081	50925082
	Client ID	Sample1	Sample2	Sample3	Sample4	Sample5	Sample6
Compound	Units:	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
Benzene		<1000	<1	<1	<1	<100	<5
Bromobenzene		<1000	<1	<1	<1	<100	<5
Bromochloromethane		<1000	<1	<1	<1	<100	<5
Bromodichloromethane		<1000	<1	<1	<1	<100	<5
Bromoform		<1000	<1	<1	<1	<100	<5
Bromomethane		<1000	<1	<1	<1	<100	<5
n-Butylbenzene		<1000	<1	<1	<1	<100	<5
sec-Butylbenzene		<1000	<1	<1	<1	<100	<5
tert-Butylbenzene		<1000	<1	<1	<1	<100	<5
Carbon tetrachloride		<1000	<1	<1	<1	<100	<5
Chlorobenzene		<1000	<1	<1	<1	<100	<5
Chloroethane		<1000	<1	<1	<1	<100	<5
Chloroform		<1000	<1	<1	<1	<100	<5
Chloromethane		<1000	<1	<1	<1	<100	<5
2-Chlorotoluene		<1000	<1	<1	<1	<100	<5
4-Chlorotoluene		<1000	<1	<1	<1	<100	<5
Dibromochloromethane		<1000	<1	<1	<1	<100	<5
1,2-Dibromo-3-chloropropane		<1000	<1	<1	<1	<100	<5
1,2-Dibromoethane		<1000	<1	<1	<1	<100	<5
Dibromomethane		<1000	<1	<1	<1	<100	<5
1,2-Dichlorobenzene		<1000	<1	<1	<1	<100	<5
1,3-Dichlorobenzene		<1000	<1	<1	<1	<100	<5
1,4-Dichlorobenzene		<1000	<1	<1	<1	<100	<5
Dichlorodifluoromethane		<1000	<1	<1	<1	<100	<5
1,1-Dichloroethane		1400	<1	<1	1.5	150	<5
1,2-Dichloroethane		<1000	<1	<1	<1	<100	<5
1,1-Dichloroethene		<1000	<1	<1	<1	<100	<5
cis-1,2-Dichloroethene		19000	<1	<1	<1	2200	<5
trans-1,2-Dichloroethene		<1000	<1	<1	<1	<100	<5
1,2-Dichloropropane		<1000	<1	<1	<1	<100	<5
1,3-Dichloropropane		<1000	<1	<1	<1	<100	<5
2,2-Dichloropropane		<1000	<1	<1	<1	<100	<5
1,1-Dichloropropene		<1000	<1	<1	<1	<100	<5
Ethylbenzene		<1000	<1	<1	<1	<100	<5
Isopropylbenzene(Cumene)		<1000	<1	<1	<1	<100	<5
4-Isopropyltoluene(Cymene)		<1000	<1	<1	<1	<100	<5
Hexachlorobutadiene		<1000	<1	<1	<1	<100	<5
Methylene chloride		1300	<1	<1	1.8***	<100	<5
Naphthalene		<1000	<1**	<1	<1	<100	<5
n-Propylbenzene		<1000	<1	<1	<1	<100	<5
Styrene		<1000	<1	<1	<1	<100	<5
1,1,1,2-Tetrachloroethane		<1000	<1	<1	<1	<100	<5
1,1,2,2-Tetrachloroethane		<1000	<1	<1	<1	<100	<5
Tetrachloroethene		<1000	<1	<1	<1	<100	<5
Toluene		32000	<1	<1	<1	2000	<5
1,2,3-Trichlorobenzene		<1000	<1	<1	<1	<100	<5
1,2,4-Trichlorobenzene		<1000	<1	<1	<1	<100	<5
1,1,1-Trichloroethane		1400	<1	<1	<1	<100	<5
1,1,2-Trichloroethane		<1000	<1	<1	<1	<100	<5
Trichloroethene		<1000	<1	<1	<1	<100	<5
Trichlorofluoromethane		<1000	<1	<1	<1	<100	<5
1,2,3-Trichloropropane		<1000	<1	<1	<1	<100	<5
1,2,4-Trimethylbenzene		<1000	<1	<1	<1	<100	<5
1,3,5-Trimethylbenzene		<1000	<1	<1	<1	<100	<5
Vinyl chloride		<1000	<1	<1	<1	400#	150#
o-Xylene		<1000	<1	<1	<1	<100	<5
m-Xylene		2300*	<1	<1	<1	120*	<5
p-Xylene		*	<1	<1	<1	*	<5

*Coeluting compounds. **Blank Corrected. ***Lab contamination suspected # Confirmed by GC/MS

Organic Analysis Data Package

Life Science Laboratories, Inc. Project # L1840-139 ELAP # 10248
EPA 8021

RESULTS -- ORGANICS

	LSL ID	50925083	50925084	50925085	50925086	50925087	50925088
	Client ID	Sample7	Sample8	Sample9	Sample10	Duplicate	FB-9/25
Compound	Units:	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
Benzene		<1	<1	<1	<100	<5	<1
Bromobenzene		<1	<1	<1	<100	<5	<1
Bromochloromethane		<1	<1	<1	<100	<5	<1
Bromodichloromethane		<1	<1	<1	<100	<5	<1
Bromoform		<1	<1	<1	<100	<5	<1
Bromomethane		<1	<1	<1	<100	<5	<1
n-Butylbenzene		<1	<1	<1	<100	<5	<1
sec-Butylbenzene		<1	<1	<1	<100	<5	<1
tert-Butylbenzene		<1	<1	<1	<100	<5	<1
Carbon tetrachloride		<1	<1	<1	<100	<5	<1
Chlorobenzene		<1	<1	<1	<100	<5	<1
Chloroethane		<1	<1	47#	<100	<5	<1
Chloroform		<1	<1	<1	<100	<5	<1
Chloromethane		<1	<1	<1	<100	<5	<1
2-Chlorotoluene		<1	<1	<1	<100	<5	<1
4-Chlorotoluene		<1	<1	<1	<100	<5	<1
Dibromochloromethane		<1	<1	<1	<100	<5	<1
1,2-Dibromo-3-chloropropane		<1	<1	<1	<100	<5	<1
1,2-Dibromoethane		<1	<1	<1	<100	<5	<1
Dibromomethane		<1	<1	<1	<100	<5	<1
1,2-Dichlorobenzene		<1	<1	<1	<100	<5	<1
1,3-Dichlorobenzene		<1	<1	<1	<100	<5	<1
1,4-Dichlorobenzene		<1	<1	<1	<100	<5	<1
Dichlorodifluoromethane		<1	<1	<1	<100	<5	<1
1,1-Dichloroethane		<1	<1	<1	<100	5.4	<1
1,2-Dichloroethane		<1	<1	<1	<100	<5	<1
1,1-Dichloroethene		<1	<1	<1	<100	<5	<1
cis-1,2-Dichloroethene		1.6	<1	<1	3700	68	<1
trans-1,2-Dichloroethene		<1	<1	<1	<100	<5	<1
1,2-Dichloropropane		<1	<1	<1	<100	<5	<1
1,3-Dichloropropane		<1	<1	<1	<100	<5	<1
2,2-Dichloropropane		<1	<1	<1	<100	<5	<1
1,1-Dichloropropene		<1	<1	<1	<100	<5	<1
Ethylbenzene		<1	<1	<1	<100	<5	<1
Isopropylbenzene(Cumene)		<1	<1	<1	<100	<5	<1
4-Isopropyltoluene(Cymene)		<1	<1	<1	<100	<5	<1
Hexachlorobutadiene		<1	<1	<1	<100	<5	<1
Methylene chloride		<1**	<1**	<1	<100	<5	1.4***
Naphthalene		<1	<1	<1	<100	<5	<1
n-Propylbenzene		<1	<1	<1	<100	<5	<1
Styrene		<1	<1	<1	<100	<5	<1
1,1,1,2-Tetrachloroethane		<1	<1	<1	<100	<5	<1
1,1,2,2-Tetrachloroethane		<1	<1	<1	<100	<5	<1
Tetrachloroethene		<1	<1	<1	<100	<5	<1
Toluene		<1	<1	<1	<100	140	<1
1,2,3-Trichlorobenzene		<1	<1	<1	<100	<5	<1
1,2,4-Trichlorobenzene		<1	<1	<1	<100	<5	<1
1,1,1-Trichloroethane		<1	<1	<1	<100	7.3	<1
1,1,2-Trichloroethane		<1	<1	<1	<100	<5	<1
Trichloroethene		<1	<1	<1	<100	<5	<1
Trichlorofluoromethane		<1	<1	<1	<100	<5	<1
1,2,3-Trichloropropane		<1	<1	<1	<100	<5	<1
1,2,4-Trimethylbenzene		<1	<1	<1	<100	<5	<1
1,3,5-Trimethylbenzene		<1	<1	<1	<100	<5	<1
Vinyl chloride		<1	<1	<1	1600#	210	<1
o-Xylene		<1	<1	<1	<100	<5	<1
m-Xylene		<1	<1	<1	<100	10*	<1
p-Xylene		<1	<1	<1	<100	*	<1

*Coeluting compounds. **Blank Corrected. ***Lab contamination suspected # Confirmed by GC/MS

Organic Analysis Data Package

Life Science Laboratories, Inc. Project # L1840-139 ELAP # 10248
EPA 8021

RESULTS -- ORGANICS

	LSL ID	50925089	50925090	50925091	50925092	50925093	50925094
	Client ID	TBlk	Sample11	Sample12	FB-9/26	Sample13	Sample14
Compound	Units:	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
Benzene		<1	<1	<1	<1	<1	<1
Bromobenzene		<1	<1	<1	<1	<1	<1
Bromochloromethane		<1	<1	<1	<1	<1	<1
Bromodichloromethane		<1	<1	<1	<1	<1	<1
Bromoform		<1	<1	<1	<1	<1	<1
Bromomethane		<1	<1	<1	<1	<1	<1
n-Butylbenzene		<1	<1	<1	<1	<1	<1
sec-Butylbenzene		<1	<1	<1	<1	<1	<1
tert-Butylbenzene		<1	<1	<1	<1	<1	<1
Carbon tetrachloride		<1	<1	<1	<1	<1	<1
Chlorobenzene		<1	<1	<1	<1	<1	<1
Chloroethane		<1	<1	<1	<1	<1	<1
Chloroform		<1	<1	<1	<1	<1	<1
Chloromethane		<1	<1	<1	<1	<1	<1
2-Chlorotoluene		<1	<1	<1	<1	<1	<1
4-Chlorotoluene		<1	<1	<1	<1	<1	<1
Dibromochloromethane		<1	<1	<1	<1	<1	<1
1,2-Dibromo-3-chloropropane		<1	<1	<1	<1	<1	<1
1,2-Dibromoethane		<1	<1	<1	<1	<1	<1
Dibromomethane		<1	<1	<1	<1	<1	<1
1,2-Dichlorobenzene		<1	<1	<1	<1	<1	<1
1,3-Dichlorobenzene		<1	<1	<1	<1	<1	<1
1,4-Dichlorobenzene		<1	<1	<1	<1	<1	<1
Dichlorodifluoromethane		<1	<1	<1	<1	<1	<1
1,1-Dichloroethane		<1	<1	<1	<1	<1	<1
1,2-Dichloroethane		<1	<1	<1	<1	<1	<1
1,1-Dichloroethene		<1	<1	<1	<1	<1	<1
cis-1,2-Dichloroethene		<1	<1	<1	<1	<1	<1
trans-1,2-Dichloroethene		<1	<1	<1	<1	<1	<1
1,2-Dichloropropane		<1	<1	<1	<1	<1	<1
1,3-Dichloropropane		<1	<1	<1	<1	<1	<1
2,2-Dichloropropane		<1	<1	<1	<1	<1	<1
1,1-Dichloropropene		<1	<1	<1	<1	<1	<1
Ethylbenzene		<1	<1	<1	<1	<1	<1
Isopropylbenzene(Cumene)		<1	<1	<1	<1	<1	<1
4-Isopropyltoluene(Cymene)		<1	<1	<1	<1	<1	<1
Hexachlorobutadiene		<1	<1	<1	<1	<1	<1
Methylene chloride		1.5***	15***	2.1***	1.1***	1.6***	2.5***
Naphthalene		<1	<1	<1	<1	<1	<1
n-Propylbenzene		<1	<1	<1	<1	<1	<1
Styrene		<1	<1	<1	<1	<1	<1
1,1,1,2-Tetrachloroethane		<1	<1	<1	<1	<1	<1
1,1,2,2-Tetrachloroethane		<1	<1	<1	<1	<1	<1
Tetrachloroethene		<1	<1	<1	<1	<1	<1
Toluene		<1	<1	<1	<1	<1	<1
1,2,3-Trichlorobenzene		<1	<1	<1	<1	<1	<1
1,2,4-Trichlorobenzene		<1	<1	<1	<1	<1	<1
1,1,1-Trichloroethane		<1	<1	<1	<1	<1	<1
1,1,2-Trichloroethane		<1	<1	<1	<1	<1	<1
Trichloroethene		<1	<1	<1	<1	<1	<1
Trichlorofluoromethane		<1	<1	<1	<1	<1	<1
1,2,3-Trichloropropane		<1	<1	<1	<1	<1	<1
1,2,4-Trimethylbenzene		<1	<1	<1	<1	<1	<1
1,3,5-Trimethylbenzene		<1	<1	<1	<1	<1	<1
Vinyl chloride		<1	<1	<1	<1	<1	<1
o-Xylene		<1	<1	<1	<1	<1	<1
m-Xylene		<1	<1	<1	<1	<1	<1
p-Xylene		<1	<1	<1	<1	<1	<1

*Coeluting compounds. **Blank Corrected. ***Lab contamination suspected # Confirmed by GC/MS

Organic Analysis Data Package

Life Science Laboratories, Inc. Project # L1840-139 ELAP # 10248
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RESULTS -- ORGANICS

	LSL ID	50925095					
	Client ID	Sample15					
Compound	Units:	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
Benzene		<20					
Bromobenzene		<20					
Bromochloromethane		<20					
Bromodichloromethane		<20					
Bromoform		<20					
Bromomethane		<20					
n-Butylbenzene		<20					
sec-Butylbenzene		<20					
tert-Butylbenzene		<20					
Carbon tetrachloride		<20					
Chlorobenzene		<20					
Chloroethane		220#					
Chloroform		<20					
Chloromethane		<20					
2-Chlorotoluene		<20					
4-Chlorotoluene		<20					
Dibromochloromethane		<20					
1,2-Dibromo-3-chloropropane		<20					
1,2-Dibromoethane		<20					
Dibromomethane		<20					
1,2-Dichlorobenzene		<20					
1,3-Dichlorobenzene		<20					
1,4-Dichlorobenzene		<20					
Dichlorodifluoromethane		<20					
1,1-Dichloroethane		160					
1,2-Dichloroethane		<20					
1,1-Dichloroethene		<20					
cis-1,2-Dichloroethene		<20					
trans-1,2-Dichloroethene		<20					
1,2-Dichloropropane		<20					
1,3-Dichloropropane		<20					
2,2-Dichloropropane		<20					
1,1-Dichloropropene		<20					
Ethylbenzene		39					
Isopropylbenzene(Cumene)		<20					
4-Isopropyltoluene(Cymene)		<20					
Hexachlorobutadiene		<20					
Methylene chloride		<20					
Naphthalene		<20					
n-Propylbenzene		<20					
Styrene		<20					
1,1,1,2-Tetrachloroethane		<20					
1,1,2,2-Tetrachloroethane		<20					
Tetrachloroethene		<20					
Toluene		780					
1,2,3-Trichlorobenzene		<20					
1,2,4-Trichlorobenzene		<20					
1,1,1-Trichloroethane		<20					
1,1,2-Trichloroethane		<20					
Trichloroethene		<20					
Trichlorofluoromethane		<20					
1,2,3-Trichloropropane		<20					
1,2,4-Trimethylbenzene		<20					
1,3,5-Trimethylbenzene		<20					
Vinyl chloride		210#					
o-Xylene		58					
m-Xylene		110*					
p-Xylene		*					

*Coeluting compounds. **Blank Corrected. ***Lab contamination suspected # Confirmed by GC/MS

Organic Analysis Data Package

Life Science Laboratories, Inc. Project # L1840-139 ELAP # 10248

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BLANKS -- ORGANICS

	Method Blank	Method Blank	Method Blank	Method Blank	Method Blank	Method Blank
ID.	VBLK0929B	VBLK0929C	VBLK0929D	VBLK0929E	VBLK1002A	VBLK1006A
Analyzed:	9/29/95	9/29/95	9/29/95	9/29/95	10/2/95	10/6/95
Units:	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
Compound						
Benzene	<1	<1	<1	<1	<1	<1
Bromobenzene	<1	<1	<1	<1	<1	<1
Bromochloromethane	<1	<1	<1	<1	<1	<1
Bromodichloromethane	<1	<1	<1	<1	<1	<1
Bromoform	<1	<1	<1	<1	<1	<1
Bromomethane	<1	<1	<1	<1	<1	<1
n-Butylbenzene	<1	<1	<1	<1	<1	<1
sec-Butylbenzene	<1	<1	<1	<1	<1	<1
tert-Butylbenzene	<1	<1	<1	<1	<1	<1
Carbon tetrachloride	<1	<1	<1	<1	<1	<1
Chlorobenzene	<1	<1	<1	<1	<1	<1
Chloroethane	<1	<1	<1	<1	<1	<1
Chloroform	<1	<1	<1	<1	<1	<1
Chloromethane	<1	<1	<1	<1	<1	<1
2-Chlorotoluene	<1	<1	<1	<1	<1	<1
4-Chlorotoluene	<1	<1	<1	<1	<1	<1
Dibromochloromethane	<1	<1	<1	<1	<1	<1
1,2-Dibromo-3-chloropropane	<1	<1	<1	<1	<1	<1
1,2-Dibromoethane	<1	<1	<1	<1	<1	<1
Dibromomethane	<1	<1	<1	<1	<1	<1
1,2-Dichlorobenzene	<1	<1	<1	<1	<1	<1
1,3-Dichlorobenzene	<1	<1	<1	<1	<1	<1
1,4-Dichlorobenzene	<1	<1	<1	<1	<1	<1
Dichlorodifluoromethane	<1	<1	<1	<1	<1	<1
1,1-Dichloroethane	<1	<1	<1	<1	<1	<1
1,2-Dichloroethane	<1	<1	<1	<1	<1	<1
1,1-Dichloroethene	<1	<1	<1	<1	<1	<1
cis-1,2-Dichloroethene	<1	<1	<1	<1	<1	<1
trans-1,2-Dichloroethene	<1	<1	<1	<1	<1	<1
1,2-Dichloropropane	<1	<1	<1	<1	<1	<1
1,3-Dichloropropane	<1	<1	<1	<1	<1	<1
2,2-Dichloropropane	<1	<1	<1	<1	<1	<1
1,1-Dichloropropene	<1	<1	<1	<1	<1	<1
Ethylbenzene	<1	<1	<1	<1	<1	<1
Isopropylbenzene(Cumene)	<1	<1	<1	<1	<1	<1
4-Isopropyltoluene(Cymene)	<1	<1	<1	<1	<1	<1
Hexachlorobutadiene	<1	<1	<1	<1	<1	<1
Methylene chloride	<1	2.0	1.8	<1	<1	<1
Naphthalene	9.6	<1	<1	<1	8.7	11
n-Propylbenzene	<1	<1	<1	<1	<1	<1
Styrene	<1	<1	<1	<1	<1	<1
1,1,1,2-Tetrachloroethane	<1	<1	<1	<1	<1	<1
1,1,2,2-Tetrachloroethane	<1	<1	<1	<1	<1	<1
Tetrachloroethene	<1	<1	<1	<1	<1	<1
Toluene	<1	<1	<1	<1	<1	<1
1,2,3-Trichlorobenzene	<1	<1	<1	<1	<1	<1
1,2,4-Trichlorobenzene	<1	<1	<1	<1	<1	<1
1,1,1-Trichloroethane	<1	<1	<1	<1	<1	<1
1,1,2-Trichloroethane	<1	<1	<1	<1	<1	<1
Trichloroethene	<1	<1	<1	<1	<1	<1
Trichlorofluoromethane	<1	<1	<1	<1	<1	<1
1,2,3-Trichloropropane	<1	<1	<1	<1	<1	<1
1,2,4-Trimethylbenzene	<1	<1	<1	<1	<1	<1
1,3,5-Trimethylbenzene	<1	<1	<1	<1	<1	<1
Vinyl chloride	<1	<1	<1	<1	<1	<1
o-Xylene	<1	<1	<1	<1	<1	<1
m-Xylene	<1	<1	<1	<1	<1	<1
p-Xylene	<1	<1	<1	<1	<1	<1

Life Science Laboratories, Inc. Project # L1840-139 ELAP # 10248
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CONTINUING CALIBRATION

Compound	LSL ID / Date	VC502-45-2-050 10/2/95 AvgRRF	CCRRF	%D	
Benzene		0.977	1.015	4	
Bromobenzene		1.013	1.008	<1	
Bromochloromethane		0.239	0.242	1	
Bromodichloromethane		1.028	1.035	1	
Bromoform		0.561	0.500	11	
Bromomethane		0.228	0.245	7	
n-Butylbenzene		2.920	3.052	4	
sec-Butylbenzene		3.423	3.565	4	
tert-Butylbenzene		2.388	2.479	4	
Carbon tetrachloride		0.405	0.445	9	
Chlorobenzene		1.061	1.051	1	
Chloroethane		0.163	0.203	22	
Chloroform		0.728	0.750	3	
Chloromethane		0.174	0.259	39	**
2-Chlorotoluene		2.726	2.806	3	
4-Chlorotoluene		2.641	2.710	3	
Dibromochloromethane		0.806	0.774	4	
1,2-Dibromo-3-chloropropane		0.335	0.301	11	
1,2-Dibromoethane		0.736	0.673	9	
Dibromomethane		0.520	0.500	4	
1,2-Dichlorobenzene		1.632	1.637	<1	
1,3-Dichlorobenzene		1.675	1.708	2	
1,4-Dichlorobenzene		1.780	1.813	2	
Dichlorodifluoromethane		0.241	0.547	78	**
1,1-Dichloroethane		0.664	0.696	5	
1,2-Dichloroethane		0.389	0.394	1	
1,1-Dichloroethene		0.353	0.389	10	
cis-1,2-Dichloroethene		0.373	0.385	3	
trans-1,2-Dichloroethene		0.350	0.359	3	
1,2-Dichloropropane		0.566	0.573	1	
1,3-Dichloropropane		0.751	0.727	3	
2,2-Dichloropropane		0.483	0.456	6	
1,1-Dichloropropene		0.518	0.550	6	
Ethylbenzene		0.462	0.455	2	
Isopropylbenzene(Cumene)		2.568	2.675	4	
4-Isopropyltoluene(Cymene)		2.600	2.722	5	
Hexachlorobutadiene		0.725	0.818	12	
Methylene chloride		0.354	0.370	4	
Naphthalene		2.002	1.644	20	
n-Propylbenzene		3.641	3.738	3	
Styrene		1.070	1.029	4	
1,1,1,2-Tetrachloroethane		0.518	0.521	1	
1,1,2,2-Tetrachloroethane		1.425	1.291	10	
Tetrachloroethene		0.617	0.611	1	
Toluene		1.364	1.340	2	
1,2,3-Trichlorobenzene		1.100	1.059	4	
1,2,4-Trichlorobenzene		1.246	1.250	<1	
1,1,1-Trichloroethane		0.528	0.539	2	
1,1,2-Trichloroethane		0.485	0.453	7	
Trichloroethene		0.593	0.612	3	
Trichlorofluoromethane		0.562	0.675	18	
1,2,3-Trichloropropane		1.087	1.042	4	
1,2,4-Trimethylbenzene		2.319	2.404	4	
1,3,5-Trimethylbenzene		2.213	2.310	4	
Vinyl chloride		0.259	0.349	30	**
o-Xylene		0.611	0.591	3	
m-Xylene		0.586*	0.589*	1	* Co-eluting Compound.
p-Xylene		*	*	*	** >25% RSD

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CONTINUING CALIBRATION

Compound	LSL ID Date	VC502-45-2-050 10/6/95		
		AvgRRF	CCRRF	%D
Benzene		0.977	1.060	8
Bromobenzene		1.013	0.982	3
Bromochloromethane		0.239	0.243	2
Bromodichloromethane		1.028	1.025	<1
Bromoform		0.561	0.507	10
Bromomethane		0.228	0.246	8
n-Butylbenzene		2.920	3.097	6
sec-Butylbenzene		3.423	3.598	5
tert-Butylbenzene		2.388	2.466	3
Carbon tetrachloride		0.405	0.424	5
Chlorobenzene		1.061	1.075	1
Chloroethane		0.163	0.190	15
Chloroform		0.728	0.780	7
Chloromethane		0.174	0.212	20
2-Chlorotoluene		2.726	2.734	<1
4-Chlorotoluene		2.641	2.688	2
Dibromochloromethane		0.806	0.778	4
1,2-Dibromo-3-chloropropane		0.335	0.280	18
1,2-Dibromoethane		0.736	0.701	5
Dibromomethane		0.520	0.505	3
1,2-Dichlorobenzene		1.632	1.612	1
1,3-Dichlorobenzene		1.675	1.662	1
1,4-Dichlorobenzene		1.780	1.789	1
Dichlorodifluoromethane		0.241	0.313	26 **
1,1-Dichloroethane		0.664	0.733	10
1,2-Dichloroethane		0.389	0.418	7
1,1-Dichloroethene		0.353	0.382	8
cis-1,2-Dichloroethene		0.373	0.394	5
trans-1,2-Dichloroethene		0.350	0.369	5
1,2-Dichloropropane		0.566	0.596	5
1,3-Dichloropropane		0.751	0.762	1
2,2-Dichloropropane		0.483	0.471	3
1,1-Dichloropropene		0.518	0.568	9
Ethylbenzene		0.462	0.475	3
Isopropylbenzene(Cumene)		2.568	2.588	1
4-Isopropyltoluene(Cymene)		2.600	2.466	5
Hexachlorobutadiene		0.725	0.728	<1
Methylene chloride		0.354	0.368	4
Naphthalene		2.002	1.649	19
n-Propylbenzene		3.641	3.698	2
Styrene		1.070	1.111	4
1,1,1,2-Tetrachloroethane		0.518	0.519	<1
1,1,2,2-Tetrachloroethane		1.425	1.298	9
Tetrachloroethene		0.617	0.620	<1
Toluene		1.364	1.392	2
1,2,3-Trichlorobenzene		1.100	0.998	10
1,2,4-Trichlorobenzene		1.246	1.203	4
1,1,1-Trichloroethane		0.528	0.546	3
1,1,2-Trichloroethane		0.485	0.481	1
Trichloroethene		0.593	0.601	1
Trichlorofluoromethane		0.562	0.632	12
1,2,3-Trichloropropane		1.087	1.039	5
1,2,4-Trimethylbenzene		2.319	2.397	3
1,3,5-Trimethylbenzene		2.213	2.265	2
Vinyl chloride		0.259	0.300	15
o-Xylene		0.611	0.633	4
m-Xylene		.586*	.599*	2.2
p-Xylene		*	*	*

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

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SURROGATE RECOVERIES/INTERNAL STANDARD AREAS

LSL ID	Surrogate Recoveries			Internal Standards Areas		
	12DCEd4	TOLd8	4BFB	FB	CBd5	12DCBd4
VC502-44-6-025	CAL	CAL	CAL	252005	186365	106671
VC502-44-6-050	CAL	CAL	CAL	259446	197160	112251
VC502-44-6-100	CAL	CAL	CAL	245716	185933	108832
VC502-44-6-150	CAL	CAL	CAL	259982	198780	113432
VC502-44-6-200	CAL	CAL	CAL	254362	193935	109944
VBLK0913B	99	97	101	243039	189230	105296
VV502-42-4-050	101	101	100	258226	195048	112897
VC502-45-1-050	CAL	CAL	CAL	199636	162429	91359
VV502-43-1-050	101	99	99	224763	177598	102547
VBLK0929B	100	95	100	225936	180962	101571
50925078	71#	102	111	218251	167962	81314
50925079	81	102	109	228805	179296	90839
VBLK0929C	99	98	101	234121	192300	109144
50925083	80	100	106	234620	188585	97521
VBLK0929D	98	96	101	207057	175679	98374
50925084	80	101	106	228067	181330	93459
VBLK0929E	103	96	101	195814	168253	96267
50925085	86	98	109	207641	176166	92910
VV502-43-1-050	103	97	104	204437	173863	97111
50925085MS	83	100	107	202147	170906	91522
50925085MSD	82	99	105	207744	174508	93616
50925078R	79	99	109	196424	162671	82496
VC502-45-2-050	CAL	CAL	CAL	234474	181805	101320
VV502-43-2-050	101	101	101	243042	186447	104966
VBLK1002A	101	99	100	245040	189658	105510
50925082	100	99	102	267091	207563	111569
50925080	83	100	103	256964	195361	101956
50925086 20X	100	98	99	263804	205418	115124
50925091	85	100	105	258416	198898	103781
50925093	83	101	105	257429	195350	99340
50925094	93	99	104	254494	198259	103585
50925089	82	100	105	266448	207259	107527
50925077 100X	101	99	100	245010	191278	105681
50925077MS 100X	102	99	99	239163	184477	104585
50925077MSD 100X	100	101	101	246727	188308	104644
VV502-43-2-050	101	101	99	221817	168100	95482
50925081 20X	103	97	100	234491	183133	103031
50925087 20X	101	99	101	243435	187050	102275
50925088	82	100	106	252662	193233	97568
50925090R	81	101	109	250338	189773	95021
50925092	86	100	105	241659	185843	95673
50925095 5X	103	98	100	259514	204966	114292
VC502-45-2-050	CAL	CAL	CAL	214878	169746	100245
VV502-43-2-050	102	98	92	425181	342226	198031
VBLK1006A	97	98	94	224818	179688	101547
50925087R	97	97	94	224304	183248	103414
50925077R 200X	96	97	95	214732	176028	98422

Outside control limits - Sample reanalyzed.

Surrogates	Control Limits, % Recovery
1,2-Dichloroethane-d4	72-128
Toluene-d8	83-120
4-Bromofluorobenzene	80-126

Internal Standards	
Fluorobenzene	50% to 100% of Calibration Standard.
Chlorobenzene-d5	50% to 100% of Calibration Standard.
1,2-Dichlorobenzene-d4	50% to 100% of Calibration Standard.

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MS/MSD DATA -- ORGANICS

	% Recovery			% Recovery		
	50925085	50925085		50925077	50925077	
	MS	MSD	RPD	MS	MSD	RPD
Benzene	101	100	1	89	95	7
Bromobenzene	93	98	5	90	97	7
Bromochloromethane	85	85	<1	92	97	5
Bromodichloromethane	87	88	1	90	96	6
Bromoform	63	66	5	95	104	9
Bromomethane	65	65	<1	100	109	9
n-Butylbenzene	98	107	9	80	86	7
sec-Butylbenzene	99	106	7	83	88	6
tert-Butylbenzene	101	105	4	91	101	10
Carbon tetrachloride	93	101	8	85	90	6
Chlorobenzene	94	95	1	92	98	6
Chloroethane	88	64	32	87	93	7
Chloroform	98	99	1	92	98	6
Chloromethane	78	77	1	88	93	6
2-Chlorotoluene	97	99	2	90	98	9
4-Chlorotoluene	100	103	3	89	97	9
Dibromochloromethane	75	77	3	92	100	8
1,2-Dibromo-3-chloropropane	53	58	9	98	112	13
1,2-Dibromoethane	65	69	6	97	104	7
Dibromomethane	72	73	1	94	101	7
1,2-Dichlorobenzene	90	93	3	90	96	6
1,3-Dichlorobenzene	95	99	4	87	97	11
1,4-Dichlorobenzene	94	93	1	89	96	8
Dichlorodifluoromethane	56	55	2	91	95	4
1,1-Dichloroethane	105	104	1	90	96	6
1,2-Dichloroethane	84	85	1	94	98	4
1,1-Dichloroethene	100	98	2	93	98	5
cis-1,2-Dichloroethene	98	99	1	80	87	8
trans-1,2-Dichloroethene	97	99	2	93	100	7
1,2-Dichloropropane	93	93	<1	91	98	7
1,3-Dichloropropane	72	74	3	94	101	7
2,2-Dichloropropane	72	76	5	83	91	9
1,1-Dichloropropene	98	100	2	88	94	7
Ethylbenzene	98	98	<1	90	94	4
Isopropylbenzene(Cumene)	103	105	2	87	93	7
4-Isopropyltoluene(Cymene)	101	105	4	86	96	11
Hexachlorobutadiene	92	110	18	69	82	17
Methylene chloride	93	96	3	90	95	5
Naphthalene	59	77	26	97	111	13
n-Propylbenzene	100	105	5	85	88	3
Styrene	99	98	1	97	100	3
1,1,1,2-Tetrachloroethane	90	92	2	90	96	6
1,1,2,2-Tetrachloroethane	62	65	5	98	108	10
Tetrachloroethene	96	98	2	92	98	6
Toluene	96	97	1	82	96	16
1,2,3-Trichlorobenzene	74	88	17	89	101	13
1,2,4-Trichlorobenzene	82	93	13	86	95	10
1,1,1-Trichloroethane	94	97	3	95	100	5
1,1,2-Trichloroethane	70	72	3	96	102	6
Trichloroethene	96	98	2	90	98	9
Trichlorofluoromethane	92	92	<1	88	93	6
1,2,3-Trichloropropane	66	68	3	95	106	11
1,2,4-Trimethylbenzene	101	101	<1	88	98	11
1,3,5-Trimethylbenzene	101	104	3	90	100	11
Vinyl chloride	83	84	1	94	99	5
o-Xylene	104	101	3	98	101	3
m-Xylene	96*	98*	2	90*	97*	8
p-Xylene	*	*		*	*	

* Co-eluting compounds.

Organic Analysis Data Package

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CURVE DATA

Compound	9-13-95 RRF25	9-13-95 RRF50	9-13-95 RRF100	9-13-95 RRF150	9-13-95 RRF200	RRF AVE	%RSD
Benzene	1.056	0.904	0.985	0.962	0.976	0.977	5.6
Bromobenzene	1.055	0.951	1.010	1.006	1.042	1.013	4.0
Bromochloromethane	0.248	0.223	0.241	0.238	0.246	0.239	4.1
Bromodichloromethane	1.061	0.959	1.050	1.022	1.049	1.028	4.0
Bromoform	0.551	0.526	0.576	0.561	0.591	0.561	4.4
Bromomethane	0.262	0.230	0.207	0.229	0.214	0.228	9.3
n-Butylbenzene	3.048	2.823	2.925	2.791	3.014	2.920	3.9
sec-Butylbenzene	3.641	3.273	3.425	3.294	3.480	3.423	4.4
tert-Butylbenzene	2.521	2.272	2.384	2.333	2.429	2.388	4.0
Carbon tetrachloride	0.390	0.369	0.411	0.419	0.438	0.405	6.6
Chlorobenzene	1.094	0.997	1.080	1.056	1.078	1.061	3.6
Chloroethane	0.172	0.158	0.169	0.159	0.159	0.163	4.1
Chloroform	0.776	0.683	0.724	0.728	0.731	0.728	4.6
Chloromethane	0.189	0.166	0.177	0.173	0.168	0.175	5.2
2-Chlorotoluene	2.786	2.581	2.721	2.689	2.762	2.708	3.9
4-Chlorotoluene	2.779	2.458	2.642	2.614	2.712	2.641	4.6
Dibromochloromethane	0.808	0.748	0.828	0.811	0.833	0.806	4.2
1,2-Dibromo-3-chloropropane	0.317	0.318	0.345	0.332	0.361	0.335	5.6
1,2-Dibromoethane	0.753	0.691	0.753	0.727	0.756	0.736	3.8
Dibromomethane	0.538	0.493	0.536	0.510	0.525	0.520	3.6
1,2-Dichlorobenzene	1.707	1.539	1.642	1.610	1.661	1.632	3.8
1,3-Dichlorobenzene	1.750	1.573	1.679	1.665	1.708	1.675	3.9
1,4-Dichlorobenzene	1.863	1.673	1.756	1.761	1.849	1.780	4.4
Dichlorodifluoromethane	0.267	0.245	0.244	0.223	0.223	0.240	7.7
1,1-Dichloroethane	0.684	0.624	0.665	0.660	0.688	0.664	3.8
1,2-Dichloroethane	0.409	0.369	0.400	0.382	0.387	0.389	4.0
1,1-Dichloroethene	0.384	0.334	0.357	0.343	0.348	0.353	5.3
cis-1,2-Dichloroethene	0.387	0.351	0.376	0.369	0.381	0.373	3.8
trans-1,2-Dichloroethene	0.360	0.328	0.360	0.352	0.351	0.350	3.8
1,2-Dichloropropane	0.586	0.529	0.577	0.563	0.574	0.566	3.9
1,3-Dichloropropane	0.788	0.711	0.769	0.735	0.754	0.751	4.0
2,2-Dichloropropane	0.421	0.464	0.513	0.498	0.521	0.483	8.5
1,1-Dichloropropene	0.550	0.488	0.525	0.508	0.519	0.518	4.4
Ethylbenzene	0.490	0.438	0.467	0.453	0.462	0.462	4.1
Isopropylbenzene(Cumene)	2.727	2.433	2.553	2.537	2.588	2.568	4.1
4-Isopropyltoluene(Cymene)	2.748	2.490	2.606	2.495	2.659	2.600	4.2
Hexachlorobutadiene	0.791	0.751	0.737	0.597	0.751	0.725	10
Methylene chloride	0.374	0.324	0.361	0.354	0.356	0.354	5.2
Naphthalene	1.935	1.974	2.134	1.756	2.209	2.002	8.9
n-Propylbenzene	3.859	3.473	3.625	3.583	3.665	3.641	3.9
Styrene	1.105	1.031	1.103	1.052	1.060	1.070	3.0
1,1,1,2-Tetrachloroethane	0.529	0.477	0.528	0.521	0.533	0.518	4.4
1,1,2,2-Tetrachloroethane	1.461	1.362	1.429	1.408	1.466	1.425	3.0
Tetrachloroethene	0.646	0.583	0.626	0.603	0.625	0.617	3.9
Toluene	1.510	1.255	1.367	1.329	1.357	1.364	6.8
1,2,3-Trichlorobenzene	1.135	1.079	1.135	0.983	1.168	1.100	6.6
1,2,4-Trichlorobenzene	1.296	1.204	1.266	1.153	1.309	1.246	5.3
1,1,1-Trichloroethane	0.524	0.489	0.546	0.525	0.555	0.528	4.8
1,1,2-Trichloroethane	0.502	0.458	0.495	0.477	0.493	0.485	3.6
Trichloroethene	0.619	0.557	0.601	0.586	0.601	0.593	3.9
Trichlorofluoromethane	0.607	0.544	0.576	0.536	0.547	0.562	5.2
1,2,3-Trichloropropane	1.146	1.035	1.091	1.059	1.106	1.087	4.0
1,2,4-Trimethylbenzene	2.485	2.198	2.290	2.272	2.349	2.319	4.6
1,3,5-Trimethylbenzene	2.364	2.105	2.183	2.182	2.230	2.213	4.3
Vinyl chloride	0.271	0.243	0.270	0.252	0.257	0.259	4.6
o-Xylene	0.637	0.588	0.628	0.597	0.603	0.611	3.4
m-Xylene	0.631	0.551	0.596	0.571	0.581	0.586	5.1
p-Xylene	*	*	*	*	*	*	*

* Co-eluting Compound.

Organic Analysis Data Package

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REFERENCE STANDARDS -- ORGANICS

Compound	LSL ID	VV502-42-4-	VV502-43-1-	VV502-43-1-	VV502-43-2-	VV502-43-2-	VV502-43-2-
	Analyzed:	9/13/95	9/29/95	9/29/95	10/2/95	10/2/95	10/6/95
		%R	%R	%R	%R	%R	%R
Benzene		95	97	99	93	106	100
Bromobenzene		94	95	95	94	107	101
Bromochloromethane		96	88	89	83	96	90
Bromodichloromethane		96	97	96	95	108	100
Bromoform		93	88	85	90	102	84
Bromomethane		122	122	85	101	118	104
n-Butylbenzene		95	96	86	88	102	96
sec-Butylbenzene		94	93	87	90	103	99
tert-Butylbenzene		94	96	96	91	105	101
Carbon tetrachloride		92	84	85	79	88	90
Chlorobenzene		93	94	94	94	108	99
Chloroethane		106	97	84	84	97	96
Chloroform		95	87	89	83	94	85
Chloromethane		131	106	68	85	96	99
2-Chlorotoluene		94	94	92	92	100	102
4-Chlorotoluene		93	95	96	91	104	99
Dibromochloromethane		95	97	95	96	110	94
1,2-Dibromo-3-chloropropane		95	106	95	98	120	115
1,2-Dibromoethane		95	97	96	99	114	95
Dibromomethane		94	85	84	86	99	87
1,2-Dichlorobenzene		93	92	93	92	103	100
1,3-Dichlorobenzene		92	93	96	92	104	100
1,4-Dichlorobenzene		94	93	97	93	104	101
Dichlorodifluoromethane		140	84	30	60	62	75
1,1-Dichloroethane		96	87	89	84	96	88
1,2-Dichloroethane		94	97	100	93	108	100
1,1-Dichloroethene		85	93	88	86	98	94
cis-1,2-Dichloroethene		96	99	98	94	104	101
trans-1,2-Dichloroethene		91	97	95	94	104	100
1,2-Dichloropropane		98	97	98	95	110	99
1,3-Dichloropropane		96	95	97	97	112	98
2,2-Dichloropropane		98	93	75	92	92	94
1,1-Dichloropropene		103	103	103	98	110	106
Ethylbenzene		96	96	92	96	112	105
Isopropylbenzene(Cumene)		105	102	99	102	116	117
4-Isopropyltoluene(Cymene)		98	97	96	92	102	101
Hexachlorobutadiene		100	108	87	76	87	106
Methylene chloride		93	95	97	93	103	103
Naphthalene		93	123	71	114	141	133
n-Propylbenzene		93	92	80	91	104	103
Styrene		92	91	93	91	102	95
1,1,1,2-Tetrachloroethane		94	95	95	92	105	95
1,1,2,2-Tetrachloroethane		93	96	96	102	116	100
Tetrachloroethene		94	85	84	82	95	86
Toluene		94	97	95	95	110	101
1,2,3-Trichlorobenzene		95	107	94	90	106	112
1,2,4-Trichlorobenzene		96	102	94	90	104	106
1,1,1-Trichloroethane		94	89	86	83	94	91
1,1,2-Trichloroethane		94	96	95	98	113	96
Trichloroethene		97	97	95	90	106	99
Trichlorofluoromethane		110	103	87	91	102	101
1,2,3-Trichloropropane		95	97	96	97	112	103
1,2,4-Trimethylbenzene		95	92	94	92	104	100
1,3,5-Trimethylbenzene		94	92	96	92	104	103
Vinyl chloride		109	96	72	84	92	95
o-Xylene		92	92	94	90	102	95
m-Xylene		96*	96*	96*	94*	109*	104*
p-Xylene		*	*	*	*	*	*

* Coeluting compounds.

Organic Analysis Data Package

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CONTINUING CALIBRATION

Compound	LSL ID Date	VC502-45-1-050 9/29/95		
		AvgRRF	CCRRF	%D
Benzene		0.977	1.140	15
Bromobenzene		1.013	1.120	10
Bromochloromethane		0.239	0.276	14
Bromodichloromethane		1.028	1.148	11
Bromoform		0.561	0.578	3
Bromomethane		0.228	0.269	16
n-Butylbenzene		2.920	3.212	10
sec-Butylbenzene		3.423	3.866	12
tert-Butylbenzene		2.388	2.687	12
Carbon tetrachloride		0.405	0.479	17
Chlorobenzene		1.061	1.185	11
Chloroethane		0.163	0.190	15
Chloroform		0.728	0.866	17
Chloromethane		0.174	0.190	9
2-Chlorotoluene		2.726	3.054	11
4-Chlorotoluene		2.641	2.926	10
Dibromochloromethane		0.806	0.871	8
1,2-Dibromo-3-chloropropane		0.335	0.345	3
1,2-Dibromoethane		0.736	0.778	6
Dibromomethane		0.520	0.565	8
1,2-Dichlorobenzene		1.632	1.792	9
1,3-Dichlorobenzene		1.675	1.868	11
1,4-Dichlorobenzene		1.780	1.984	11
Dichlorodifluoromethane		0.241	0.226	6
1,1-Dichloroethane		0.664	0.771	15
1,2-Dichloroethane		0.389	0.456	16
1,1-Dichloroethene		0.353	0.404	13
cis-1,2-Dichloroethene		0.373	0.434	15
trans-1,2-Dichloroethene		0.350	0.402	14
1,2-Dichloropropane		0.566	0.633	11
1,3-Dichloropropane		0.751	0.818	9
2,2-Dichloropropane		0.483	0.513	6
1,1-Dichloropropene		0.518	0.617	17
Ethylbenzene		0.462	0.515	11
Isopropylbenzene(Cumene)		2.568	2.891	12
4-Isopropyltoluene(Cymene)		2.600	2.907	11
Hexachlorobutadiene		0.725	0.794	9
Methylene chloride		0.354	0.414	16
Naphthalene		2.002	1.993	<1
n-Propylbenzene		3.641	4.097	12
Styrene		1.070	1.131	6
1,1,1,2-Tetrachloroethane		0.518	0.573	10
1,1,2,2-Tetrachloroethane		1.425	1.489	4
Tetrachloroethene		0.617	0.673	9
Toluene		1.364	1.483	8
1,2,3-Trichlorobenzene		1.100	1.160	5
1,2,4-Trichlorobenzene		1.246	1.346	8
1,1,1-Trichloroethane		0.528	0.618	16
1,1,2-Trichloroethane		0.485	0.526	8
Trichloroethene		0.593	0.656	10
Trichlorofluoromethane		0.562	0.665	17
1,2,3-Trichloropropane		1.087	1.181	8
1,2,4-Trimethylbenzene		2.319	2.642	13
1,3,5-Trimethylbenzene		2.213	2.503	12
Vinyl chloride		0.259	0.282	9
o-Xylene		0.611	0.641	5
m-Xylene		0.586*	0.646*	10
p-Xylene		*	*	*

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

Inorganics Analysis Data Package

Life Science Laboratories, Inc.

ELAP # 10248 LSL ID # 50925077

Project # L1840-139 Client ID Sample 1

ANALYTCAL RESULTS

Date	Method #	Analyte	Result	Units	Comments	
10/18/95	EPA 206.2	Arsenic	0.062	mg/l		
10/12/95	EPA 208.1	Barium	1.4	mg/l		
10/11/95	EPA 218.1	Chromium	<0.04	mg/l		
10/17/95	EPA 239.2	Lead	<0.01	mg/l		
10/4/95	EPA 245.1	Mercury	<0.0002	mg/l		
10/11/95	EPA 249.1	Nickel	<0.02	mg/l		

Inorganics Analysis Data Package

Life Science Laboratories, Inc.

ELAP # 10248 LSL ID # 50925078

Project # L1840-139 Client ID Sample 2

ANALYTCAL RESULTS

Date	Method #	Analyte	Result	Units	Comments	
10/18/95	EPA 206.2	Arsenic	<0.01	mg/l		
10/12/95	EPA 208.1	Barium	0.28	mg/l		
10/11/95	EPA 218.1	Chromium	<0.04	mg/l		
10/17/95	EPA 239.2	Lead	<0.01	mg/l		
10/4/95	EPA 245.1	Mercury	<0.0002	mg/l		
10/11/95	EPA 249.1	Nickel	<0.02	mg/l		

Inorganics Analysis Data Package

Life Science Laboratories, Inc.

ELAP # 10248 LSL ID # 50925079

Project # L1840-139 Client ID Sample 3

ANALYTCAL RESULTS

Date	Method #	Analyte	Result	Units	Comments	
10/18/95	EPA 206.2	Arsenic	<0.01	mg/l		
10/12/95	EPA 208.1	Barium	0.28	mg/l		
10/11/95	EPA 218.1	Chromium	<0.04	mg/l		
10/17/95	EPA 239.2	Lead	<0.01	mg/l		
10/4/95	EPA 245.1	Mercury	<0.0002	mg/l		
10/11/95	EPA 249.1	Nickel	<0.02	mg/l		

Inorganics Analysis Data Package

Life Science Laboratories, Inc.

ELAP # 10248 LSL ID # 50925080

Project # L1840-139 Client ID Sample 4

ANALYTCAL RESULTS

Date	Method #	Analyte	Result	Units	Comments	
10/18/95	EPA 206.2	Arsenic	0.025	mg/l		
10/12/95	EPA 208.1	Barium	1.3	mg/l		
10/11/95	EPA 218.1	Chromium	<0.04	mg/l		
10/17/95	EPA 239.2	Lead	0.016	mg/l		
10/4/95	EPA 245.1	Mercury	<0.0002	mg/l		
10/11/95	EPA 249.1	Nickel	0.026	mg/l		

Inorganics Analysis Data Package

Life Science Laboratories, Inc.

ELAP # 10248 LSL ID # 50925081

Project # L1840-139 Client ID Sample 5

ANALYTCAL RESULTS

Date	Method #	Analyte	Result	Units	Comments	
10/18/95	EPA 206.2	Arsenic	<0.01	mg/l		
10/12/95	EPA 208.1	Barium	2.2	mg/l		
10/11/95	EPA 218.1	Chromium	<0.04	mg/l		
10/17/95	EPA 239.2	Lead	<0.01	mg/l		
10/4/95	EPA 245.1	Mercury	<0.0002	mg/l		
10/11/95	EPA 249.1	Nickel	<0.02	mg/l		

Inorganics Analysis Data Package

Life Science Laboratories, Inc.

ELAP # 10248 LSL ID # 50925082

Project # L1840-139 Client ID Sample 6

ANALYTCAL RESULTS

Date	Method #	Analyte	Result	Units	Comments	
10/18/95	EPA 206.2	Arsenic	<0.01	mg/l		
10/12/95	EPA 208.1	Barium	1.2	mg/l		
10/11/95	EPA 218.1	Chromium	<0.04	mg/l		
10/17/95	EPA 239.2	Lead	<0.01	mg/l		
10/4/95	EPA 245.1	Mercury	<0.0002	mg/l		
10/11/95	EPA 249.1	Nickel	<0.02	mg/l		

Inorganics Analysis Data Package

Life Science Laboratories, Inc.

ELAP # 10248 LSL ID # 50925083

Project # L1840-139 Client ID Sample 7

ANALYTCAL RESULTS

Date	Method #	Analyte	Result	Units	Comments	
10/18/95	EPA 206.2	Arsenic	<0.01	mg/l		
10/12/95	EPA 208.1	Barium	0.83	mg/l		
10/11/95	EPA 218.1	Chromium	<0.04	mg/l		
10/17/95	EPA 239.2	Lead	<0.01	mg/l		
10/4/95	EPA 245.1	Mercury	<0.0002	mg/l		
10/11/95	EPA 249.1	Nickel	<0.02	mg/l		

Inorganics Analysis Data Package

Life Science Laboratories, Inc.

ELAP # 10248 LSL ID # 50925084

Project # L1840-139 Client ID Sample 8

ANALYTCAL RESULTS

Date	Method #	Analyte	Result	Units	Comments	
10/18/95	EPA 206.2	Arsenic	0.013	mg/l		
10/12/95	EPA 208.1	Barium	0.30	mg/l		
10/11/95	EPA 218.1	Chromium	<0.04	mg/l		
10/17/95	EPA 239.2	Lead	0.013	mg/l		
10/4/95	EPA 245.1	Mercury	<0.0002	mg/l		
10/11/95	EPA 249.1	Nickel	<0.02	mg/l		

Inorganics Analysis Data Package

Life Science Laboratories, Inc.

ELAP # 10248 LSL ID # 50925085

Project # L1840-139 Client ID Sample 9

ANALYTCAL RESULTS

Date	Method #	Analyte	Result	Units	Comments	
10/18/95	EPA 206.2	Arsenic	<0.01	mg/l		
10/12/95	EPA 208.1	Barium	3.0	mg/l		
10/11/95	EPA 218.1	Chromium	<0.04	mg/l		
10/17/95	EPA 239.2	Lead	0.011	mg/l		
10/4/95	EPA 245.1	Mercury	<0.0002	mg/l		
10/11/95	EPA 249.1	Nickel	<0.02	mg/l		

Inorganics Analysis Data Package

Life Science Laboratories, Inc.

ELAP # 10248 LSL ID 50925086

Project # L1840-139 Client ID Sample 10

ANALYTCAL RESULTS

Date	Method #	Analyte	Result	Units	Comments	
10/18/95	EPA 206.2	Arsenic	<0.01	mg/l		
10/12/95	EPA 208.1	Barium	2.3	mg/l		
10/11/95	EPA 218.1	Chromium	<0.04	mg/l		
10/17/95	EPA 239.2	Lead	0.012	mg/l		
10/4/95	EPA 245.1	Mercury	<0.0002	mg/l		
10/11/95	EPA 249.1	Nickel	<0.02	mg/l		

Inorganics Analysis Data Package

Life Science Laboratories, Inc.

ELAP # 10248

LSL ID # 50925087

Project # L1840-139

Client ID Duplicate

ANALYTCAL RESULTS

Date	Method #	Analyte	Result	Units	Comments	
10/18/95	EPA 206.2	Arsenic	<0.01	mg/l		
10/12/95	EPA 208.1	Barium	1.2	mg/l		
10/11/95	EPA 218.1	Chromium	<0.04	mg/l		
10/17/95	EPA 239.2	Lead	<0.01	mg/l		
10/4/95	EPA 245.1	Mercury	<0.0002	mg/l		
10/11/95	EPA 249.1	Nickel	<0.02	mg/l		

Inorganics Analysis Data Package

Life Science Laboratories, Inc.

ELAP # 10248 LSL ID # 50925088

Project # L1840-139 Client ID Blank 9/25

ANALYTCAL RESULTS

Date	Method #	Analyte	Result	Units	Comments	
10/18/95	EPA 206.2	Arsenic	<0.01	mg/l		
10/12/95	EPA 208.1	Barium	<0.2	mg/l		
10/11/95	EPA 218.1	Chromium	<0.04	mg/l		
10/17/95	EPA 239.2	Lead	<0.01	mg/l		
10/4/95	EPA 245.1	Mercury	<0.0002	mg/l		
10/11/95	EPA 249.1	Nickel	<0.02	mg/l		

Inorganics Analysis Data Package

Life Science Laboratories, Inc.

ELAP # 10248 LSL ID # 50925090

Project # L1840-139 Client ID Sample 11

ANALYTCAL RESULTS

Date	Method #	Analyte	Result	Units	Comments	
10/18/95	EPA 206.2	Arsenic	<0.01	mg/l		
10/12/95	EPA 208.1	Barium	2.1	mg/l		
10/11/95	EPA 218.1	Chromium	<0.04	mg/l		
10/17/95	EPA 239.2	Lead	0.011	mg/l		
10/4/95	EPA 245.1	Mercury	<0.0002	mg/l		
10/11/95	EPA 249.1	Nickel	<0.02	mg/l		

Inorganics Analysis Data Package

Life Science Laboratories, Inc.

ELAP # 10248 LSL ID # 50925091

Project # L1840-139 Client ID Sample 12

ANALYTCAL RESULTS

Date	Method #	Analyte	Result	Units	Comments	
10/18/95	EPA 206.2	Arsenic	0.014	mg/l		
10/12/95	EPA 208.1	Barium	<0.2	mg/l		
10/11/95	EPA 218.1	Chromium	<0.04	mg/l		
10/17/95	EPA 239.2	Lead	<0.01	mg/l		
10/4/95	EPA 245.1	Mercury	<0.0002	mg/l		
10/11/95	EPA 249.1	Nickel	<0.02	mg/l		

Inorganics Analysis Data Package

Life Science Laboratories, Inc.

ELAP # 10248 LSL ID # 50925092

Project # L1840-139 Client ID Blank 9/26

ANALYTCAL RESULTS

Date	Method #	Analyte	Result	Units	Comments	
10/18/95	EPA 206.2	Arsenic	<0.01	mg/l		
10/12/95	EPA 208.1	Barium	<0.2	mg/l		
10/11/95	EPA 218.1	Chromium	<0.04	mg/l		
10/17/95	EPA 239.2	Lead	<0.01	mg/l		
10/4/95	EPA 245.1	Mercury	<0.0002	mg/l		
10/11/95	EPA 249.1	Nickel	<0.02	mg/l		

Inorganics Analysis Data Package

Life Science Laboratories, Inc.

ELAP # 10248 LSL ID # 50925093

Project # L1840-139 Client ID Sample 13

ANALYTCAL RESULTS

Date	Method #	Analyte	Result	Units	Comments	
10/18/95	EPA 206.2	Arsenic	<0.01	mg/l		
10/12/95	EPA 208.1	Barium	0.32	mg/l		
10/11/95	EPA 218.1	Chromium	<0.04	mg/l		
10/17/95	EPA 239.2	Lead	<0.01	mg/l		
10/4/95	EPA 245.1	Mercury	<0.0002	mg/l		
10/11/95	EPA 249.1	Nickel	<0.02	mg/l		

Inorganics Analysis Data Package

Life Science Laboratories, Inc.

ELAP # 10248 LSL ID # 50925094

Project # L1840-139 Client ID Sample 14

ANALYTCAL RESULTS

Date	Method #	Analyte	Result	Units	Comments	
10/18/95	EPA 206.2	Arsenic	0.048	mg/l		
10/12/95	EPA 208.1	Barium	2.4	mg/l		
10/11/95	EPA 218.1	Chromium	<0.04	mg/l		
10/17/95	EPA 239.2	Lead	0.079	mg/l		
10/4/95	EPA 245.1	Mercury	<0.0002	mg/l		
10/11/95	EPA 249.1	Nickel	0.23	mg/l		

Inorganics Analysis Data Package

Life Science Laboratories, Inc.

ELAP # 10248 LSL ID # 50925095

Project # L1840-139 Client ID Sample 15

ANALYTCAL RESULTS

Date	Method #	Analyte	Result	Units	Comments
10/18/95	EPA 206.2	Arsenic	<0.01	mg/l	
10/12/95	EPA 208.1	Barium	4.4	mg/l	
10/11/95	EPA 218.1	Chromium	<0.04	mg/l	
10/17/95	EPA 239.2	Lead	<0.01	mg/l	
10/4/95	EPA 245.1	Mercury	<0.0002	mg/l	
10/11/95	EPA 249.1	Nickel	<0.02	mg/l	

Inorganics Analysis Data Package

Life Science Laboratories, Inc.

ELAP # 10248

Project # L1840-139

Calibration Verification

Analyte	True Value	Units	ICV1	% R	CCV1	% R	CCV2	% R	CCV3	% R
Arsenic	0.050	mg/l	0.046	92	0.054	108	0.053	106	0.058	116
Barium	5.0	mg/l	5.3	106	5.2	104	5.2	104	5.0	100
Chromium	0.50	mg/l	0.48	96	0.51	102	0.51	102	0.49	98
Lead	0.025	mg/l	0.026	104	0.026	104	0.026	104	0.027	108
Mercury	0.75	mg/l	0.70	93	0.70	93	0.78	104		
Nickel	0.50	mg/l	0.49	98	0.48	96	0.51	102	0.50	100

Inorganics Analysis Data Package

Life Science Laboratories, Inc.

ELAP # 10248

Project # L1840-139

Calibration Verification

Analyte	True Value	Units	CCV4	% R	CCV5	% R	CCV6	% R	CCV7	% R
Arsenic	0.050	mg/l	0.059	118	0.062	124				
Barium										
Chromium										
Lead	0.025	mg/l	0.029	116	0.028	112				
Mercury										
Nickel										

Inorganics Analysis Data Package

Life Science Laboratories, Inc.

ELAP # 10248

Project # L1840-139

Blanks

Analyte	ICB1	CCB1	CCB2	CCB3	CCB4	Prep Blank	Units
Arsenic	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	mg/l
Barium	<0.2	<0.2	<0.2	<0.2		<0.2	mg/l
Chromium	<0.04	<0.04	<0.04	<0.04		<0.04	mg/l
Lead	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	mg/l
Mercury	<0.0002	<0.0002	<0.0002	<0.0002		<0.0002	mg/l
Nickel	<0.02	<0.02	<0.02	<0.02		<0.02	mg/l

Inorganics Analysis Data Package

Life Science Laboratories, Inc.

ELAP # 10248

Project # L1840-139

Blanks

Analyte	CCB5	CCB6	CCB7	CCB8		Prep Blank	Units
Arsenic	<0.01						mg/l
Barium							
Chromium							
Lead	<0.01						mg/l
Mercury							
Nickel							

Inorganics Analysis Data Package

Life Science Laboratories, Inc.

ELAP # 10248 LSL ID # 50925077

Project # L1840-139 Client ID Sample 1

Matrix Spike Recovery

Analyte	Sample Result	Spike Result	Units	Spike Conc.	% MSR		
Arsenic	0.062	0.057	mg/l	0.040	0	*	
Barium	1.4	6.3	mg/l	5.0	98		
Chromium	<0.04	0.40	mg/l	0.50	80		
Lead	<0.01	0.022	mg/l	0.020	110		
Mercury	<0.0002	0.52	mg/l	0.50	104		
Nickel	<0.02	0.62	mg/l	0.50	124	*	

* - Matrix spike analysis not within control limits.

Inorganics Analysis Data Package

Life Science Laboratories, Inc.

ELAP # 10248 LSL ID # 50925087

Project # L1840-139 Client ID Duplicate

Matrix Spike Recovery

Analyte	Sample Result	Spike Result	Units	Spike Conc.	% MSR		
Arsenic	<0.01	0.067	mg/l	0.040	168	*	
Barium	1.2	6.2	mg/l	5.0	100		
Chromium	<0.04	0.48	mg/l	0.50	96		
Lead	<0.01	0.018	mg/l	0.020	90		
Mercury	<0.0002	0.50	mg/l	0.50	100		
Nickel	<0.02	0.63	mg/l	0.50	126	*	

* - Matrix spike analysis not within control limits.

Inorganics Analysis Data Package

Life Science Laboratories, Inc.

ELAP # 10248 LSL ID # 50925077

Project # L1840-139 Client ID # Sample 1

Duplicate Analysis

Analyte	Sample Result	Units	Duplicate Result	Units	RPD		
Arsenic	0.062	mg/l	0.022	mg/l	95	*	
Barium	1.4	mg/l	1.4	mg/l	0		
Chromium	<0.04	mg/l	<0.04	mg/l	ND		
Lead	<0.01	mg/l	<0.01	mg/l	ND		
Mercury	<0.0002	mg/l	<0.0002	mg/l	ND		
Nickel	<0.02	mg/l	<0.02	mg/l	ND		

ND - Not detected

* - Duplicate analysis not within control limits.

Inorganics Analysis Data Package

Life Science Laboratories, Inc.

ELAP # 10248 LSL ID # 50925087

Project # L1840-139 Client ID # Duplicate

Duplicate Analysis

Analyte	Sample Result	Units	Duplicate Result	Units	RPD		
Arsenic	<0.01	mg/l	<0.01	mg/l	ND		
Barium	1.2	mg/l	1.4	mg/l	15.4		
Chromium	<0.04	mg/l	<0.04	mg/l	ND		
Lead	<0.01	mg/l	<0.01	mg/l	ND		
Mercury	<0.0002	mg/l	<0.0002	mg/l	ND		
Nickel	<0.02	mg/l	<0.02	mg/l	ND		

ND - Not detected

Inorganics Analysis Data Package

Life Science Laboratories, Inc.

ELAP # 10248

Project # L1840-139

SAMPLE ID LOG

	LSL ID		Client ID			Sample Date	
	50925077		Sample 1			9/25/95	
	50925078		Sample 2			9/25/95	
	50925079		Sample 3			9/25/95	
	50925080		Sample 4			9/25/95	
	50925081		Sample 5			9/25/95	
	50925082		Sample 6			9/25/95	
	50925083		Sample 7			9/25/95	
	50925084		Sample 8			9/25/95	
	50925085		Sample 9			9/25/95	
	50925086		Sample 10			9/25/95	
	50925087		Duplicate			9/25/95	
	50925088		Blank 9/25			9/25/95	
	50925090		Sample 11			9/26/95	
	50925091		Sample 12			9/26/95	
	50925092		Blank 9/26			9/26/95	
	50925093		Sample 13			9/26/95	
	50925094		Sample 14			9/26/95	
	50925095		Sample 15			9/26/95	

dup 1	50925077	Sample 1
dup 2	50925087	Duplicate
ms 1	50925077	Sample 1
ms 2	50925087	Duplicate