# PLATTSBURGH FORMER MGP SITE PLATTSBURGH, NEW YORK

### DATA COMPILATION AND REVIEW REPORT

### Prepared For:

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systems could be used in conjunction with the containment systems discussed above to help minimize the quantity of groundwater to be treated.

 The tar removal and groundwater treatment alternatives should be evaluated simultaneously to take advantage of redundant processes. For instance, the tar collection system could be integrated with the groundwater collection system. Both collection systems could be directed toward separator tanks. Coal tar could be periodically removed from the holding tank and groundwater could be directed to a treatment facility.

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### 1.0 INTRODUCTION

The Plattsburgh, New York former manufactured gas plant (MGP) has been the subject of several studies regarding the presence and characterization of coal tar contamination in both soil and groundwater. The purpose of this report is to present a compilation of information included in available environmental reports generated for the site and to evaluate current conditions relative to potential remedial response actions. This report includes a comprehensive summary of subsurface data, synopses of site environmental reports, a conceptual model of current site conditions, and an assessment of additional data that may be required for the purposes of evaluating and implementing site remediation. The report provides several potential remedial scenarios for the coal tar contamination documented in the northern portion of the site and describes recommended investigatory action for the southern portion of the site.

### 2.0 BACKGROUND

To date, the northern portion of the subject site has been extensively investigated. A former coal tar surface impoundment was located in this area and resulted in impacts to soil, groundwater and the adjacent river. Remedial efforts in the early 1980s included the containment of the impoundment, the removal of contaminated river sediments, and the construction of a slurry wall adjacent to the river. Subsequently, a groundwater treatment facility was installed in this area of the site. In spite of these efforts, impacts to the adjacent river are evident.

The southern portion of the property, the location of the former gasification plant and New York State Electric & Gas Corporation (NYSEG) service center, has experienced only limited subsurface characterization. However, coal tar impacts have been documented within the former plant area and in adjacent river sediments.

This report has been conducted with the intent of establishing site base-line conditions and assessing potential future action for the investigation/remediation of contaminants to mitigate impacts to the adjacent river.

### 3.0 SITE DESCRIPTION

The subject site occupies approximately 11 acres of land located southeast of downtown Plattsburgh, New York. A site location map is provided as Figure 1. Figures are provided in Exhibit 1. The property is currently undeveloped and consists primarily of open grassy areas with some woody vegetation, including trees and shrubs along the Saranac River which borders the site to the west and north. The site is bisected by Saranac Street which crosses the site generally from the southwest to the northeast. An MGP and utility service center site were formerly located on the southeastern side of the road. This area includes portions of former foundations associated with previous structures. A 65,000-square foot containment, including a former coal tar pond and coal tar impacted sediment, is located adjacent to the northwestern side of the road. The containment is constructed with soil/bentonite slurry walls and is capped with a plastic liner. Two small outbuildings, located adjacent to the northeastern corner of the containment, serve an on-site groundwater treatment system. The system collects groundwater on the upgradient side of a cement bentonite slurry wall which parallels a 700-foot section of the river, north of the containment area. An electrical substation is located east of the groundwater treatment system buildings. A site plan is provided as Figure 2.

### 4.0 SITE HISTORY

The following site history was established based on Sanborn Fire Insurance (Sanborn) maps and other information contained in subsequently discussed environmental reports.

The southwestern portion of the subject site was occupied by an electricity generating plant in 1891. The plant utilized a flume to generate electric power. By 1896, the site had expanded to include coal gasification operations. By 1949 the plant had expanded to its largest size and included three gas holders. The former electricity generating room had been converted into a garage and repair shop. Two underground gasoline storage tanks are shown on site in a 1949 Sanborn map. A heating and plumbing supply business also utilized several site buildings at that time. The three gas holders are no longer shown in the 1965 Sanborn map. The site coal gas operations apparently ceased around 1960 and the site was used as a New York State Electric and Gas (NYSEG) service center until 1980. The site has been vacant since that time. During the time of the on-site coal gas plant, coal tar generated at the site was apparently discharged to a surface impoundment north of the plant, on the opposite side of Saranac Street. Historic site features are provided in Figure 3. Sanborn maps are included as Appendix A.

### 5.0 SUMMARY OF PREVIOUS REPORTS

#### 5.1 Introduction

Atlantic Environmental Services, Inc. (Atlantic) conducted a review of available environmental reports for the subject site. Except for site investigations conducted by Atlantic, the reports were provided by NYSEG. Thirteen separate environmental reports and various groundwater analytical data have been reviewed for the purposes of this document. These reports are summarized in the following sections of this report, in chronological order. The information presented below consists of both general report summaries and specific site information which may be useful for additional site investigative/remedial tasks.

Subsurface information, including lithologic sequences and physical evidence of coal tar impacted soil (staining, odor, sheen), obtained from these reports is summarized in Exhibit 1. The locations of borings, wells and test pits included in the table are provided in Plate 1. Based on this information, the estimated aerial extent of coal tar impacted soil was extrapolated, and is provided as Figure 4. River sediment assessment information obtained by Atlantic in 1995 is also included in this figure.

### 5.2 Investigation & Development of Solutions to Coal Tar Problem at Plattsburgh Service Center, Acres American, Inc., December 1979

This investigation consisted of subsurface exploration; field and laboratory analysis to assess the extent, chemical composition, and migration mechanisms of on-site coal tar; and the development of conceptual ideas for remediation. The subsurface investigation included the drilling of 26 borings at depths ranging from 10 to 40 feet, the installation of 16 piezometers, and the excavation of 3 test pits. The investigation was conducted entirely on the northern portion of the site, in the vicinity of the former on-site coal tar pond. The results of the exploration indicated that the coal tar had migrated from the pond to the river, through sand and gravel material and over the top of the dense till. The coal tar was found to have extended from the tar pond west, north and northeast toward the river. Wood chips, possibly indicating purifier waste as surmised by Atlantic, were found in borings east of the coal tar pond, across Saranac Street.

Chemical analysis of groundwater indicated total organic carbon (TOC) levels at concentrations of 130 parts per million (ppm). Calculations based on groundwater gradients, saturated thickness, and hydraulic conductivity indicated a total release of approximately 8 pounds per day of TOCs from the leaching of organic coal tar fractions at the site. Chemical analysis was performed on three soil samples, including metals, TOC, chemical oxygen demand (COD), nitrogen, pH, phosphate, chloride, cyanide, sulfate, sulfide, and phenols. In summary, several metals were found at what were considered to be elevated levels, including cadmium, chromium, selenium and zinc. COD and TOC concentrations ranged from 627 to 2650 ppm and

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206 to 935 ppm, respectively, and were indicated as being directly related to the high organic content within the coal tar. The analytical methodologies consisted of both extraction procedures and total analyses. As described, these methods would not be acceptable methods of waste characterization today.

During the time of this investigation coal tar was observed on the river bottom and sheens were noted along the riverbank. The most extensive seepage was observed along the river, directly north of the coal tar pond. This area was sandbagged at the time of the report.

Based on the information obtained during this investigation, conceptual remedial alternatives developed included no action, source removal, isolation of contaminated soil, area grouting, contaminant plume management, chemical immobilization, biological reduction, injection and recovery, and rerouting the Saranac River. It was recommended that total on-site isolation of contaminated soil be implemented.

A subsurface investigation was conducted at the site in 1975 by Empire Soils Investigations, Inc. The investigation included the installation of 11 borings and 4 monitoring wells. Although no report for this investigation was available, subsurface information obtained during the investigation is provided in the 1979 Acres report.

# 5.3 Draft Environmental Impact Statement for River Bend Urban Renewal Site, for City of Plattsburgh, New York, by Dresdner Associates, P.A., June 1980

This report essentially summarizes information contained in the Acres American, Inc. report. It includes a description of the site geology and hydrology as well as the distribution of coal tar in the northern portions of the site. A section regarding coal tar constituents indicates that three samples of coal tar contaminated soil were analyzed for polychlorinated biphenyls (PCBs) and were found to be below detection limits. Detected constituents included polycyclic aromatic hydrocarbons (PAHs), silver, arsenic, chromium, and lead.

The report describes the Saranac River hydrology and classification. Reportedly, approximately 1.7 acres of the western and northern portions of the site are within the 100 year flood plain which ranges in elevation from 112 to 117 feet. Furthermore, the river is affected by daily fluctuations due to power and industrial dam operations.

The Saranac River is 83 miles long and drains a 618-square mile watershed. Its headwaters are located in the Saranac Lakes area of the Adirondack Mountains and it flows easterly to Lake Champlain, discharging to the lake approximately 0.5 mile northeast of the site. The lower Saranac River in the vicinity of the subject site is classified as "C(T)" for trout population and non-body contact recreation.

Two United States Geological Society (USGS) water quality monitoring stations are

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located to the north of the site, upstream and downstream of the sewage treatment plant. No significant impacts to surface water quality were indicated.

# 5.4 Coal Tar Confinement and Cleanup, Specification No. P1 and P2, New York State Gas and Electric Corporation, May 1982

These reports consist of bid specifications for the construction of the coal tar pond containment, the excavation of contaminated river sediments, and the construction of the riverside slurry wall. The specifications also outline the demolition of former plant and service center structures and the removal of aboveground storage tanks (ASTs) and underground storage tanks (USTs) at the service center.

The Phase I portion of the project was to consist of the construction of a soil and bentonite slurry wall around the coal tar pond. The slurry was specified with a permeability of not more than  $1 \times 10^{-7}$  cm/sec. The walls were to be vertical, 30 inches wide, and key into the underlying till a distance of 2 feet. A temporary liner was then to be placed on the containment.

The Phase II portion of the project was to commence with service center/plant demolition activity. This would include the removal of two fuel oil ASTs, one 2,500-gallon gasoline UST, and two riveted steel oil tanks full of water. The two latter tanks were indicated in the basement of the former NYSEG meter building (former battery and fuel storage building). A "tank to be removed" was also noted on building demolition plans, located adjacent to the west boundary of the current Phase II containment (see Figure 3).

The project was then to include the excavation of contaminated riverbed sediments along approximately 1,100 linear feet of the northern portion of the site. Riverbank soils were also to be removed at that time. Subsequently, the area was to be backfilled with sand and gravel and armored with riprap. The removed material was to be placed into a second containment, abutting the coal tar pond containment to the south. Again, a soil/bentonite slurry wall with similar specifications was to be constructed. Both cells were to be capped with a permanent liner and covered with topsoil and seeded.

A cement/bentonite slurry wall was to be constructed along the river, adjacent to the area of excavation, and a drainage line was to be installed upgradient of the wall and directed to a holding tank with a manhole cover. The tank was to include a discharge outlet which discharged to the river, through the slurry wall.

Based on site features observed by Atlantic in late 1994, and information provided by NYSEG, it appears that the tasks outlined above were completed.

The described remedial actions are depicted on Figure 5.

# 5.5 Engineering Report To The New York State Department of Environmental Conservation on the Plattsburgh Coal Tar Containment Facility, by New York State Electric and Gas Corporation; October 30, 1985

This report was prepared to establish conceptual design criteria to satisfy the initial submittal requirements of Consent Order 5-0285 regarding the discharge from the site's groundwater collection system. Final design was to be presented subsequent to New York State Department of Environmental Conservation (NYSDEC) approval. The report outlined the site history and project history; presented site groundwater treatment objectives; described groundwater characteristics, and provided groundwater treatment facility design parameters.

The site history indicated that the coal tar pond was constructed on the site by forming berms with surplus ash and "other solid materials". At that time all the surplus wastewater and tar was discharged to the pond. A tar separator was installed at the pond discharge by 1905 due to the expansion of the gas works. The report further indicates that in 1938 the tar separator size was increased and a 10,000 cubic foot holder for the collection of coal tar was added. It is likely that the tar holder was the former 10,000 cubic foot gas holder located in the far southwestern corner of the site. During the course of plant operations, some coal tar was dehydrated and burned on site as fuel. When the plant closed in 1960, the gas mains were purged, the equipment was removed and the coal tar pond was filled in. The remaining structures were used as office, warehouse and garage facilities by NYSEG until 1980.

The remainder of the report outlines the proposed groundwater treatment system to address total suspended solids, iron and pH parameters. Analytical results indicate exceedances of total suspended solids and iron. Metals and organic compound analysis of groundwater discharge samples collected in 1983, 1984 and 1985, provided in the report, do not indicate any SPDES exceedances of any parameter listed except for one incident where 1,2,4, trimethylbenzene was in excess of the 0.07 ppm action limit; it was found at 0.09 ppm.

The proposed treatment system was based on a design flow of 7,500 gallons per day and consisted chiefly of a chemical precipitator/settler, pH adjustments, and discharge to the river.

# 5.6 Plattsburgh Coal Tar Containment Facility Bench Scale Groundwater Treatment Study, E.C. Jordan Co., January 1986

This study consisted of the treatability analysis of groundwater obtained from the

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containment system drainage system. The program was designed to evaluate the effectiveness of hydrogen peroxide precipitation for the control of metals, organics and cyanide. The results indicated that hydrogen peroxide precipitation was an effective control of metals in the samples collected. None of the three experimental treatment methods was effective for TOC, cyanide or amenable cyanide.

# 5.7 Investigation of Slurry Trench Cutoff Walls, by Ray M. Teeter and Samuel P. Clemence, June 1986

The objective of this investigation was to develop a method for evaluating the in-place permeability of slurry walls. The report presents the results of the investigation of three on-site slurry walls: one wall surrounds the original coal tar pond (Phase I); another was added to the tar pond containment required as a result of the riverside excavation project (Phase II); and the riverside slurry wall. The investigation included the completion of 15 borings, 12 of which were completed as monitoring wells.

In general, the performance and quality of the slurry walls were determined to be poor. This was based on the measured coefficients of permeability being higher than those generally anticipated or specified, and other key properties, including moisture content, specific gravity, soil gradation, and density which fell outside the generally recommended limits. As indicated in subsection 5.12, it has been surmised that the borings/wells placed in the northern side of the containment (Phase I) may have missed the wall. Atlantic's review of the boring logs for two wells reportedly installed into the Phase I slurry wall did not indicate that bentonite slurry was encountered, as it was shown on other slurry wall logs. Therefore, it appears plausible that the wall was missed in this area.

### 5.8 Ground-Water Investigation and Proposed Remedial Program, by Roux Associates, Inc., January 1987

This investigation was conducted to determine the feasibility of installing an in-situ groundwater treatment system at the site. The report includes an overview of the status of the site's permitted wastewater discharge from the existing groundwater treatment system, describes the field investigation results, and provides a general description of the proposed treatment technology.

The report indicates that historically only iron and total suspended solids have exceeded the permit limitations. The iron content of the groundwater, coupled with oxidation and subsequent precipitation, was indicated as the cause of these exceedances. It was recommended that the addition of hydrogen peroxide to the groundwater be conducted to achieve the necessary oxygen concentrations to enhance naturally-occurring treatment.

The field investigation included the installation of 10 monitoring wells (RA-1 to RA-10), hydraulic conductivity testing, and chemical analysis of groundwater. The subsurface exploration took place to the northwest, north and northeast of the containment area and south of the riverside slurry wall. It indicated the presence of fine to medium sand and silt over coarse sand and gravel overlying dense gray till, consistent with other site geologic information. Coal tar impacts were noted in each boring. The report subsequently outlines the proposed design and operation of the in-situ groundwater treatment system which is described in the following section of this report.

### 5.9 In-Situ Groundwater Treatment System Operating Manual, Roux Associates, September 1987

This report describes the operation and maintenance of the in-situ groundwater treatment system installed at the site in 1987. The system essentially consisted of two leaching galleries located between the Phase I containment and the riverside slurry wall where hydrogen peroxide was injected into the groundwater. It also included service facilities to maintain the system (pumps, etc.). According to information found in subsequent reports, this system operated from October 1987 until some time in 1988 when it was discontinued because the desired iron levels had not been achieved.

# 5.10 Fate of Coal Tar at the Plattsburgh Site During Groundwater Recirculation and Peroxide Addition, Cambridge Analytical Associates, June 1988

This report outlines the results of a determination as to the effectiveness in treating on-site contaminants of the in-situ groundwater treatment system, including the addition of hydrogen peroxide. Analysis of tar constituents and total iron in groundwater samples indicated that no difference in dissolved tar or iron could be attributed to the treatment.

### 5.11 Composite Screening Analysis, Atlantic Environmental Services, January 1989

Atlantic conducted a limited research investigation at the site for the Western Research Institute. It consisted of the drilling of several test borings and the excavation of follow-up test pits. The purpose of the work was to collect coal tar contaminated materials for research and development of remedial technologies. No site investigation report was generated. However, Atlantic personnel recall the presence of apparent purifier wastes east of the coal tar pond area, across Saranac Street. The waste extended to a depth of at least 4 feet. Furthermore, subsurface exploration in the vicinity of the former plant site indicated coal tar contamination within a narrow

band of sand and gravel, possibly a former streambed. No additional information regarding this exploration is available.

# 5.12 Saranac Street Containment Study, New York State Electric and Gas Corporation, February 7, 1990

This study was conducted to provide an evaluation of data collected to demonstrate the effectiveness of the coal tar containment at the site. It was performed to address concerns raised during the 1986 study of the slurry walls conducted by Teeter and Clemence. The study included extensive hydrologic studies and an evaluation of the slurry wall on the southern side of the Phase II containment. The slurry wall analyses were compared to those previously conducted on material from the northern wall of the containment.

Hydrologic information indicated that the site discharges to the Saranac River during both high and low groundwater regimes. Site discharge to the Saranac River was estimated to be 0.06 to 0.5 gallons per minute without significant seasonal variation. A mounding of groundwater upgradient of the containment cell and the riverside slurry wall was found. A water balance based on observed gradient through the entire containment indicated a flow of approximately 0.1 to 2.1 gallons per minute.

Field tests conducted on the slurry wall located in the southern portion of the Phase II containment indicated permeabilities of 1.4 x 10<sup>-6</sup> cm/sec to 3.0 x 10<sup>-6</sup> cm/sec. Moisture content, Atterburg Limits and particle size analysis of the 1990 samples were also compared to the previous study. Comparison of the particle size analysis indicates that the 1990 wall cuttings have approximately 10% more sand and gravel and 5% more silt/clay than the previous report. Both samples were non-plastic although the 1990 samples exhibited a 6% higher moisture content. Based on this information, it was surmised that the 1985 well cluster on the northern side of the containment may have missed the slurry wall. However, it was also noted that the 1990 well cluster was placed in a "clean" area of the site and was not subject to "chemical degradation" which could, over time, effect permeability.

# 5.13 Engineering Report for Treatment System Upgrade at New York State Electric and Gas Corporation's Plattsburgh, New York Manufactured Gas Plant Site, Remediation Technologies. Inc., August 1991

The purpose of this report was to present design criteria and propose changes to the existing groundwater treatment system at the subject site to meet new discharge limits established by NYSDEC. The previous system, operated under the provisions of a 1985 discharge permit, was designed to remove metals contaminants (primarily iron) by oxidation with hydrogen peroxide and filtration. The new requirements include the removal of organic compounds. The objectives of the modified system were to continue to reduce iron discharge levels and to

implement the reduction of benzene, toluene, ethylbenzene and xylene (BTEX), and naphthalene. The new system called for the addition of a potassium permanganate pretreatment and carbon filtration. This system was installed and is currently operating at the site.

### 5.14 Plattsburgh MGP Site Investigation, Atlantic Environmental Services, January 1995

The purpose of this investigation was to assess potential pathways for coal tar at the site to enter the Saranac River. It also evaluated the impacts of coal tar and contaminated groundwater discharges on the river sediment quality. The investigation included the excavation of ten test pits; the drilling of 15 borings (two completed as piezometers and three as tar level monitoring wells); the collection of groundwater and river elevation data to assess groundwater flow; and a physical and chemical assessment of conditions along the riverbank adjacent to the site.

The results of the field investigation indicated that coal-tar constituents are entering the Saranac River from the subject site in three areas. Subsurface explorations adjacent to and through the riverside slurry wall in the northeastern portion of the site indicate that coal tar is apparently moving through and/or under the wall. Contaminated material, not included in the excavation of coal-tar impacted soil and sediments in 1982, also may be contributing to coal tar in the Saranac River at the northeastern end of the site. Coal tar is also going around the slurry wall, impacting the river on the northwestern portion of the site. Finally, coal-tar constituents were found in river sediments adjacent to the former MGP plant/service center site in the southwestern portion of the property. Since no free coal tar was observed in this area, the detected concentrations were likely the result of contaminated groundwater discharge. Soil encountered during a monitoring well installation in the southwestern portion of the site in 1990 (well 90-03) indicated the presence of "petroleum." The source of the material found in both areas may be former gas/tar holders or other MGP-related activities in this area.

A till contour map (Figure 6) was generated from information obtained in the investigation as well as previous reports. The till elevations were established using boring surface elevations from the Acres American, Inc. 1979 and 1980 borings, surveyed 1995 piezometer elevations, and approximate 1995 test pit and boring/tar well elevations. The till surface is generally trending northward with a dip in the till located to the northeast of the containment. However, measurable amounts of coal tar were observed in a piezometer in the northwestern portion of the site, indicating migration/collection of coal tar in this area. Groundwater contours (Figure 7) indicate radial groundwater flow across the site toward the river from the southeastern portion of the site. Coal tar contamination, based on the investigation and previous information, was found over a 5.5 acre area extending west, north and east of the containment area toward the river as depicted in Figure 4.

Site historic information was obtained during the course of this project and was primarily utilized to assess the relative stability of the riverbank over time. However, this information also provides valuable insights as to potential environmental concerns at the former MGP site and service center. Sanborn maps indicate three former gas holders, including one which was apparently transformed into a tar holder. A circular concrete pad and portions of two circular holder foundations or retaining walls are currently visible at the site in these locations. Sanborn maps also depict a battery and petroleum storage building, a carpentry and machine shop, and two oil houses. Two gasoline USTs and a large repair garage are shown on the site in 1949 and 1965. Limited subsurface exploration has occurred in this area of the site. Furthermore, blue-stained wood chips were observed on the ground surface in the eastern portion of the site during a site walkover conducted as part of the investigation. This material likely represents purifier wastes. The above features are depicted in Figures 2 and 3.

### 5.15 Groundwater Analytical Data Review

As part of the data review portion of this report, Atlantic reviewed groundwater analytical data for the site for the years 1984, 1987, 1992 and 1995 for the purpose of assessing the distribution of organic contaminant constituents in groundwater. Complete groundwater analytical results are provided in Appendix B. A summary of the groundwater analytical results is provided in Figure 8.

Groundwater analytical results for the monitoring wells installed within, upgradient and downgradient of the riverside and Phase I and Phase II slurry walls in 1984 are available. These wells were analyzed for limited organic parameters, including BTEX and naphthalene. Overall it appears that naphthalene has migrated beyond the containment structures while benzene has remained somewhat contained by the slurry walls. However, it is likely that areas downgradient of the slurry walls were impacted prior to the construction of the slurry walls.

Volatile and semivolatile organic analyses of selected wells from a December 1987 sampling round were examined. The results indicated significant concentrations of BTEX (1.3 to 7.6 ppm) in the three wells (86-01, 86-02 and 86-03) adjacent to the north side of the coal tar containment, and in well 86-05, adjacent to the northwestern corner of the containment. Lesser concentrations of BTEX were found in wells further to the northwest and northeast. No chlorinated compounds were found in the volatile organic screening. Semivolatile organic constituents results were found for only four of the wells located to the north and northwest of the containment.

Groundwater analytical results from selected wells sampled in 1992 and 1995 have also been examined. Organic analysis in 1992 included BTEX compounds and in 1995 it included

selected semivolatile compounds and BTEX. Wells sampled in these years include 86-01, 86-05, 90-02, 90-04, 90-05, 90-08 and 90-12. In 1995 wells 90-03 and 90-11 were also sampled.

As indicated in previous years, BTEX concentrations to the north and northwest of the containment were significant. In 1995 naphthalene was detected in both wells and acenaphthylene was found in 86-05. Trace concentrations of BTEX were found in the southern portion of the Phase II containment. No organic constituents were found in the southeastern portion of the Phase II containment, in either year, likely indicating minimal coal tar impacts to groundwater in the Phase II containment.

Wells located adjacent to the western and eastern ends of the riverside slurry wall were found to contain BTEX, naphthalene, and acenaphthylene in both years. This indicates that contaminated groundwater is passing around the slurry wall.

No organic constituents were detected in 90-02, located in the far southeastern corner of the site. Significant BTEX concentrations, naphthalene, and acenaphthylene were found in well 90-03, located in the far southwestern corner of the site, near the former gas/tar holder. Evidence of coal tar contamination was observed in soils during the installation of this well. Trace levels of total xylenes and ethylbenzene were found in 90-04 in 1992 while none were detected in 1995. This well is located in the northern portion of the former MGP site.

Overall it appears that there are significant groundwater impacts north and northwest of the containment area, as well as within the Phase I (northern) portion of the containment. Impacted groundwater also appears to be migrating around both ends of the riverside slurry wall. Finally, the groundwater in the far southwestern portion of the site, adjacent to the former MGP plant, is impacted by coal tar constituents.

### 6.0 SITE CONCEPTUAL MODEL

A conceptual model of the site has been developed based on the information reviewed during this assessment.

### 6.1 Geology

The subject site geology consists of fill material, sand and gravel deposits, glacial till, and limestone bedrock. The fill material encountered consists of construction debris, including wood, metal, brick, and concrete intermixed with sand and gravel. The fill ranges in thickness from  $1\pm$  foot to  $7\pm$  feet. The sand and gravel deposits consist of orange brown, medium to coarse sand, gravel, cobbles, and boulders. This material was encountered from near the surface to depths of up to  $14\pm$  feet and is underlain by glacial till. The till consists of dense grey, fine to medium silty sand with gravel and rock fragments. It was found at depths ranging from about 3 feet below grade to over 30 feet. Site bedrock consists of grey limestone which was encountered at depths ranging from 19 to 36 feet, according to the 1979 Acres report. The thickness of this grey limestone has not been determined.

#### 6.2 Groundwater

Groundwater at the site flows radially from the southeastern portion of the site (at an approximate elevation of 128 feet), to the north, northwest and west toward the river. It falls to approximately 114 feet in the southwestern corner of the site and 101 feet along the northeastern portion. It is a shallow unconfined aquifer which is contained by the surface of the till. It tends to mound on the upgradient side of the containment and flows east and west around the riverside slurry wall. The groundwater elevations have been found to be relatively stable over time.

The 1985 NYSEG Engineering Report indicated a maximum observed groundwater flow of 5,760 gallons per day at the collection point (where the slurry wall drainage line discharges to the collection tank), and zero flow following periods of low precipitation. Reportedly, the groundwater flow is very responsive to precipitation and peak flow is reached within four hours of a precipitation event, with the recession lasting several days. Furthermore, it was indicated that from a period between June and October 1985 there was no groundwater discharge to the system. Also, hydrologic studies have indicated that the site groundwater discharges to the river, regardless of the river water elevation. Some continuous base flow to the river can be expected at all times, even if there is no discharge to the groundwater treatment collection system. This is due to the fact that the collected groundwater is from the top of the water table. The groundwater elevations may drop below the collection point but continue to flow to the river.

Permeability tests indicated that on-site hydraulic conductivity ranged from  $2.39 \times 10^{-2}$  cm/sec to  $6.05 \times 10^{-4}$  cm/sec with an average of  $5.41 \times 10^{-3}$  cm/sec. A similar range was calculated based on laboratory grain size analysis. The average hydraulic gradient in the vicinity of groundwater discharge to the river was found to be  $1.7 \times 10^{-2}$  cm/sec to  $5.0 \times 10^{-2}$  cm/sec with a standard thickness of 2.5 to 5 feet. These conductivities are for the fill and sand/gravel materials. No hydraulic conductivities for the till were available.

### 6.3 Coal Tar Impacts

#### 6.3.1 Soil

Subsurface explorations at the site indicate the presence of coal tar contaminated soil with thicknesses ranging from several inches to 4 feet. The till has been found to be relatively impermeable to the coal tar; however, some limited penetration (2 to 3 inches) has been observed. The lateral extent of coal tar contaminated soil occupies approximately 5.5 acres of land in the northern portion of the site (based on observations of soil from borings and test pits) and is undefined in the southwestern portion of the property (Figure 4). The "pooling" of coal tar within localized depressions of the glacial till is possible. One such area was found in the northwestern portion of the site during Atlantic's investigation. Approximately 0.9 foot of coal tar was measured within piezometer PZ-10/94-02.

Coal tar and/or coal tar contaminated groundwater is entering the Saranac River from the northern and northwestern portions of the site. Test borings installed adjacent to and through the riverside slurry wall indicate that coal tar is apparently moving through the wall and/or possibly along the contact of the wall and till surface. The source of the coal tar along the wall is unclear, although it may be originating from the contained former coal tar pond or from coal tar which had migrated into adjacent soils prior to containment of the tar pond. Coal tar was found downgradient of the riverside slurry wall in areas that had previously been excavated as well as in areas that were not excavated due to the presence of utilities. Coal tar is also entering the river along the northwestern portion of the site, beyond the western end of the riverside slurry wall. Coal tar constituents were also found in river sediments adjacent to the southwestern portion of the site. This may be the result of current contaminated groundwater discharges or historic releases. Coal tar has also been found in soil in the southwestern portion of the site within and adjacent to the former MGP site.

The condition of the coal tar pond and sediment containment is not currently known although one study suggests that the installed slurry wall located on the northern (Phase I) and western (Phase II) portions of the containment are insufficient (see subsection 5.7, Teeter and Clemence, 1986). It is possible that the containment area is serving as a continuing source of contamination at the site.

Coal tar impacted soil and groundwater are documented in the southwestern corner of the site. It is possible that other impacted areas exist in this portion of the site. Apparent purifier waste materials have been observed northeast of the former plant site, east of the containment area.

#### 6.3.2 Groundwater

Significant groundwater impacts exist north and northwest of the containment area as well as within the Phase I (northern) portion of the containment. Impacted groundwater also appears to be migrating around both ends of the riverside slurry wall. The groundwater in the far southwestern portion of the site, adjacent to the former MGP plant, is also impacted by coal tar constituents.

# 7.0 CONCEPTUAL REMEDIAL ALTERNATIVES: Northern Portion of the Site

#### 7.1 Introduction

Considering the site conceptual model, the nature and extent of coal tar contamination, and apparent migration pathways for coal tar entering river sediments, remedial options which focus on the mitigation of coal tar migration have been identified for the northern portion of the site. No remedial alternatives have been identified for the southern portion of the site as only limited information on the nature and extent of contamination and site geology exists for the area.

Three technologies identified to mitigate the migration of coal tar to the river include containment, in-situ stabilization, and source removal with off-site treatment of contaminated media. Considering past remediation efforts implemented at the site, it is desirable to expand upon previous efforts rather than to implement a removal action, although a more in-depth evaluation of effectiveness and cost of remedial options should be completed prior to selecting a remedial alternative. It appears that sufficient information presently exists to develop conceptual layouts of the remedial alternatives and to assess costs; however, additional information will be required to complete the final design of any given alternative.

#### 7.2 Containment

The containment option has been used in the past at this site with limited success. A conceptual remedial alternative using this technology involves building upon the existing riverside slurry wall to assure its integrity in mitigating the migration of coal tar to the river. Extension of this wall to completely contain all coal tar contaminated media, concurrent with the installation of an impervious surface cap, may also be considered. This remedial alternative could involve one or more of the following components.

- Extend the existing riverside slurry wall to provide more coverage and contain migrating coal tar and impacted groundwater.
- Install interlocking, chemical resistant, steel or high-density polyethylene (HDPE) sheetpiles adjacent to the existing riverside slurry wall to provide a more complete containment. This technology may also be used as a long-term alternative around the coal tar containment area.

- Install a coal tar collection drain and sump along the upgradient toe of the riverside slurry wall at the interface of the wall and glacial till stratum. Coal tar buildup behind the wall may then be removed via pumping for disposal.
- Extend the riverside slurry wall to completely surround coal tar impacted media (including the presently contained tar pond) and install an impermeable surface cap to prevent the infiltration of rainwater into the contained area.

#### 7.2.1 Additional Data Needs: Containment

The design of a containment system as outlined above will require the collection of additional data and the performance of laboratory tests to ensure the development of effective design parameters. Information required revolves around chemical and physical compatibility issues of site soils and groundwater with a bentonite slurry and soil/bentonite design mix, better definition of the till surface along the alignment of a coal tar collection trench, and better definition of site topography. Discussion regarding these issues follow.

- The design of a slurry wall is predicated upon two engineering parameters, those being: (1) maintaining the stability of the trench sidewalls prior to placing the impermeable backfill material, and (2) providing a backfill mix which exhibits the design permeability.
  - (1) To maintain a stable trench, a slurry wall excavation support technique is used whereby a bentonite slurry is introduced into the trench as the excavation proceeds. The shear strength of the slurry must be sufficient to resist the earth pressures imposed at impending failure of the trench sidewalls. For the shear strength of the bentonite slurry to be effective, it must act on a surface which can transmit its effective pressure to the trench sidewalls. Such a surface is created by development of a filter cake along the trench sidewalls derived from the gelling of the bentonite slurry due to its rheologic properties.

For slurry walls installed in coarse granular soils such as those exhibited at the site, penetration of the slurry into the pores of adjacent soils may be expected. As the slurry penetrates the soils, solid bentonite particles occupy void space between soil grains. As more solid particles accumulate in the soil pores, a tightly packed zone of gelled material forms to create the filter cake. Development of the filter cake creates a fairly impermeable barrier against further penetration of the slurry into adjacent soils. Upon cessation of the particle penetration, the pressure developed by the slurry acts on the barrier filter cake which effectively stabilizes the vertical sidewalls of the trench.

The ability of a bentonite slurry to form an effective filter cake will be dependent on the ability of the clay to gel given the physical and chemical parameters of the adjacent soils and groundwater. To evaluate this situation it is appropriate to conduct laboratory tests of different clay slurries using groundwater from the site and/or mix water (typically a locally available water source) which will be used for preparation of the slurry. Such tests include Marshall Funnel Viscosity used to evaluate the workability of the bentonite/water slurry and the development of a filter cake, chemical desiccation and sedimentation/flocculation used to evaluate the compatibility of the bentonite slurry with the contaminated groundwater, and filter cake permeability also used to assess the effect of contaminated groundwater on the cake and the ability of the cake to withstand blowout.

- (2) Once the trench walls are stabilized against failure, backfill of a soil/bentonite mixture can be completed. The soil/bentonite mix must be designed to provide the required permeability given the site conditions under which it will be required to perform. Typical soil/bentonite mixes utilize soils excavated from the trench; however, performance will be dependent on the soils gradation and fines content. A mix which exhibits a low permeability should be developed from a well-graded soil with a fines content exceeding 20 percent by weight passing a number 200 sieve. Often it is necessary to supplement existing site soils to achieve this requirement. To develop a suitable soil/bentonite mix for the site it is appropriate to undertake a permeability and chemical compatibility testing program similar to that for the bentonite slurry mix. A successful slurry wall mix should: demonstrate compatibility of the soil/bentonite slurry with the contaminated groundwater at the site; provide adequate workability of the soil/bentonite backfill to permit efficient mixing and placement; and provide a long-term permeability of 1 x 10<sup>-7</sup> cm/sec.
- Should a coal tar collection trench installed upgradient of the containment barrier be considered, additional data concerning the till surface will be required for design. As the trench and collection pipe must be elevated coincident with the till surface (to collect tar migrating along the till and minimize its migration beneath the trench) while providing a positive pitch towards a collection sump, a determination of the till surface along the collector trench alignment is appropriate. In addition, characterization of the tar for treatment and disposal purposes and a determination of its pumpability and subsequent recovery within the collector trench would be useful information.

- If reinforcement and extension of the existing riverside slurry wall and/or coal tar collection is selected for implementation, it may be appropriate to further evaluate the effectiveness of the existing system containing the former tar pond. Partial containment and/or collection of tar migrating through subsurface soils should only be considered if the source of the tar is that remaining in soils adjacent to the contained former tar pond. Otherwise, if tar is migrating from the containment, its removal from a collection trench may continue indefinitely, or in the event that a collection system is not installed, tar buildup behind a partial barrier may cause flow around the barrier.
- Should complete containment and capping of tar-impacted soils be considered, better definition of site topography will be necessary for design. As the function of a surface cap is to prevent infiltration of rainwater into the containment, the ground surface and the cap itself must be graded to provide positive drainage away from the containment area. To assess the ability of a cap and the ground surface to achieve this objective, and to complete the grading and drainage design, a review of existing site grades and drainage patterns is necessary.

#### 7.3 In-Situ Stabilization

In-situ stabilization/solidification (S/S) technology has been used to immobilize organic and inorganic compounds in wet or dry soils, using chemical formulations which include a solidifying matrix and additives to achieve specific treatment characteristics and to produce a monolithic mass. In-situ S/S is implemented by injection of formulations into subsurface soils using mixing equipment. Stabilization of contaminants is achieved by creation of chemical bonds between the contaminants and the stabilizing additives or by physical entrapment of the contaminants within an impermeable, solidified matrix. The typical solidifying agent used in an S/S formulation is Portland cement.

For the Plattsburgh site, in-situ S/S may be considered for solidification of all tar-contaminated soils or for a barrier installation similar to that described for containment systems. The implementability of the in-situ stabilization technology will be dependent on potential subsurface conflicts, such as historic foundations and subsurface utilities, which may interfere with the mixing equipment.

#### 7.3.1 Additional Data Needs: In-Situ Stabilization

The design of an in-situ stabilization program for the site will require the collection of additional data and the performance of a laboratory treatability study to develop an effective S/S formulation. Similar to that required for containment, the information required revolves around compatibility issues and site topography as well as a determination of the leachability of

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contaminants from the solidified mass. A discussion regarding these issues follows.

- To evaluate the effectiveness of an in situ S/S program, a treatability test of the coal tar contaminated site soils will be required. Using bulk samples of site soils and groundwater, several formulations should be developed and evaluated for durability and leachability of organic constituents from the solidified mass. Typical treatability tests for this technology include sample volume expansion used to determine the impact to site grades subsequent to the injection of S/S formulation into subsurface soils; compressive strength used to assess the durability of the solidified mass; leachate testing used to assess the ability of the solidified mass to immobilize the contaminants of concern; hydraulic conductivity used to measure the ability of the solidified mass to retard the flow of groundwater; and freeze/thaw and wet/dry tests, also used to assess the durability of the solidified mass.
- Given that Portland cement is the primary stabilization agent in an S/S formulation, some temperature and shrinkage cracks may be expected to develop along the surface of the stabilized mass. To prevent water from entering the cracks an in-situ stabilization program typically includes the installation of an impermeable surface cap. Similar to that discussed for complete containment, better definition of site topography will be required for design of the cap.

#### 7.4 Coal Tar Removal

The removal of coal tar contaminated soil and coal tar product from the soil is a more permanent remedial solution. The complete removal of all on-site areas of coal tar impacted material does not appear cost-effective due to the large area of impact. However, several options are available as discussed below.

- The coal tar containment area may be acting as the source for the continued migration of coal tar at the site. The removal of the containment is one option for remediation. The material could be excavated and transported to an off-site treatment facility or treated on site using thermal desorption. The removal of the containment should minimize and eventually eliminate continued discharge of coal tar product from the site.
- The removal of flowable coal tar from the site subsurface would further mitigate impacts to the river. Similar to that discussed for partial containment, the installation of a subsurface collection system upgradient of the riverside slurry wall and along other areas of the northern portion of the site would mitigate product entry to the river. A passive collection system constructed partially into the confining till horizon would intercept DNAPL. A sloped trench system discharging

to a collection point(s) would mitigate continued lateral migration. Such a system would require monitoring, collection and disposal of collected materials.

#### 7.4.1 Additional Data Needs: Coal Tar Removal

Should coal tar removal be considered a remedial option for the Plattsburgh site, some additional characterization of the waste stream may be desirable. Typical waste stream characterization would include chemical and physical characterization, classification of the waste as hazardous or nonhazardous, total PAH and TPH concentrations, and other chemical parameters used to evaluate air emissions for thermal treatment units. Laboratory testing of samples of the contaminated soils would be required for this purpose.

#### 7.5 Groundwater Treatment

The continued need for groundwater treatment at this site is evident unless complete containment or stabilization is implemented. As indicated by groundwater analysis, contaminated groundwater is present throughout the site, including areas not previously addressed (southwestern portion). Subsequent investigations have documented that contaminated groundwater is also passing by the eastern end of the slurry wall.

Various groundwater treatment/containment technologies can be applied to this site. These technologies include modifying the existing systems, installing new passive treatment systems and installing new active groundwater systems. The following is a list of alternatives for addressing the contaminated groundwater at this site.

- Expand and upgrade the current groundwater collection/treatment system to remove groundwater contaminants not intercepted by the current system. This could include improving or extending the slurry wall and passive collection system to collect more groundwater and to minimize the migration of contaminated groundwater.
- Install new passive systems, including a surficial cap and/or upgradient slurry wall.
   These systems would be designed to minimize the generation of contaminated groundwater.
- Install new active groundwater treatment systems, including pump and treat, air sparging or in-situ biological treatment systems. These systems would be designed to provide a more aggressive approach to the remediation of the groundwater. These

- systems could be used in conjunction with the containment systems discussed above to help minimize the quantity of groundwater to be treated.
- The tar removal and groundwater treatment alternatives should be evaluated simultaneously to take advantage of redundant processes. For instance, the tar collection system could be integrated with the groundwater collection system. Both collection systems could be directed toward separator tanks. Coal tar could be periodically removed from the holding tank and groundwater could be directed to a treatment facility.

# 8.0 RECOMMENDATIONS FOR ADDITIONAL DATA: Southern Portion of the Site

The former MGP, located on the southern portion of the site, has not been investigated to any great degree. Documented contamination exists on the southwestern corner of the MGP and in river sediments adjacent to it. Based on limited information, several other areas of concern are evident as indicated in this report.

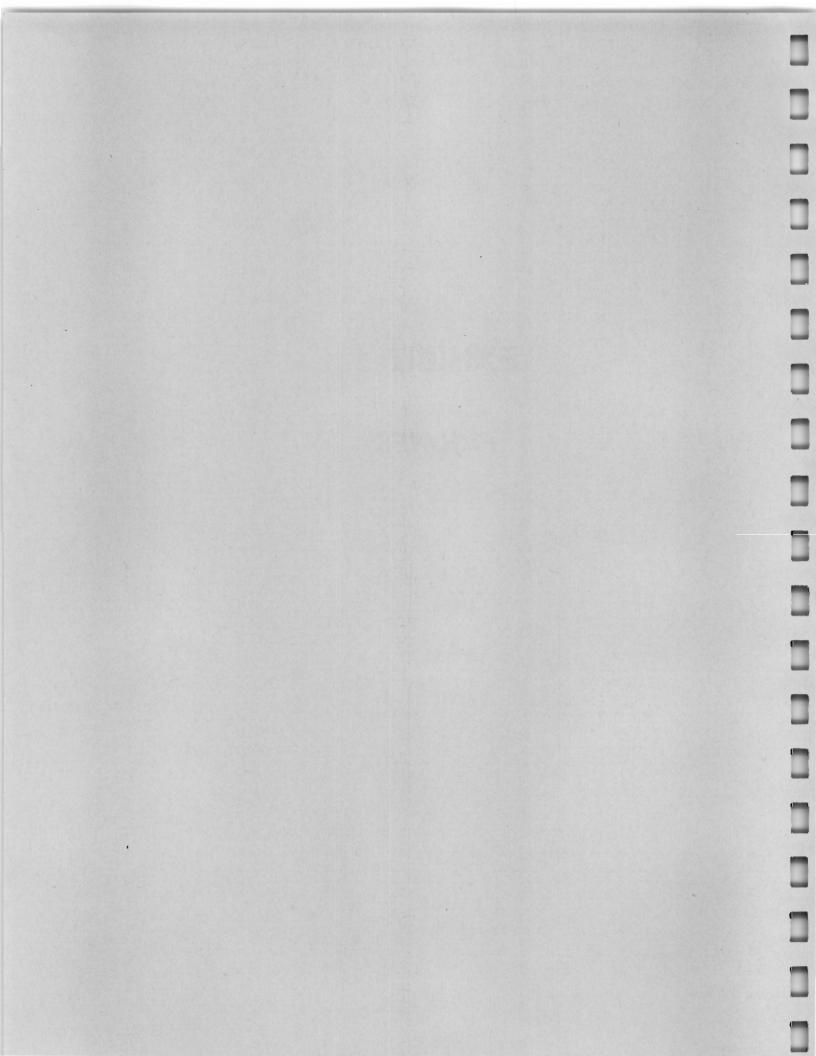
Some site history information (i.e., Sanborn maps) was collected during the 1995 investigation and indicates several potential areas of concern. However, additional site historic information does appear to be available. Additional data, including anecdotal information provided by former employees, historic site plans, historic aerial and ground photographs, information regarding plant decommissioning, and any other pertinent site information, should be obtained and reviewed.

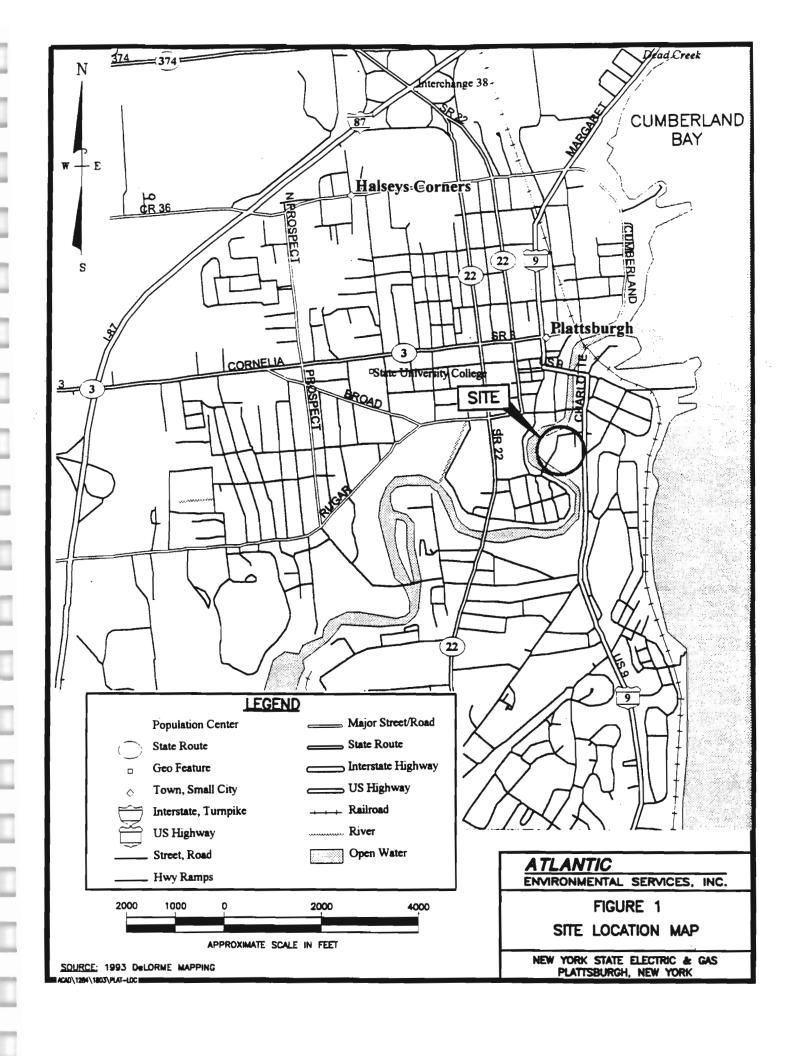
A detailed site walkover of the plant site and other areas east of Saranac Street should be conducted. This should be performed when the ground is free of snow and preferably with the accompaniment of a former site plant employee, if possible. Any physical evidence of potential areas of contamination should be documented photographically and surveyed.

Based on the above information, a comprehensive field investigation should be conducted of the former plant area. The investigation should include test pitting, test boring, and well installation, as well as soil and groundwater sampling and other necessary activities sufficient to identify and delineate areas of contamination, and to characterize the material for waste disposal.

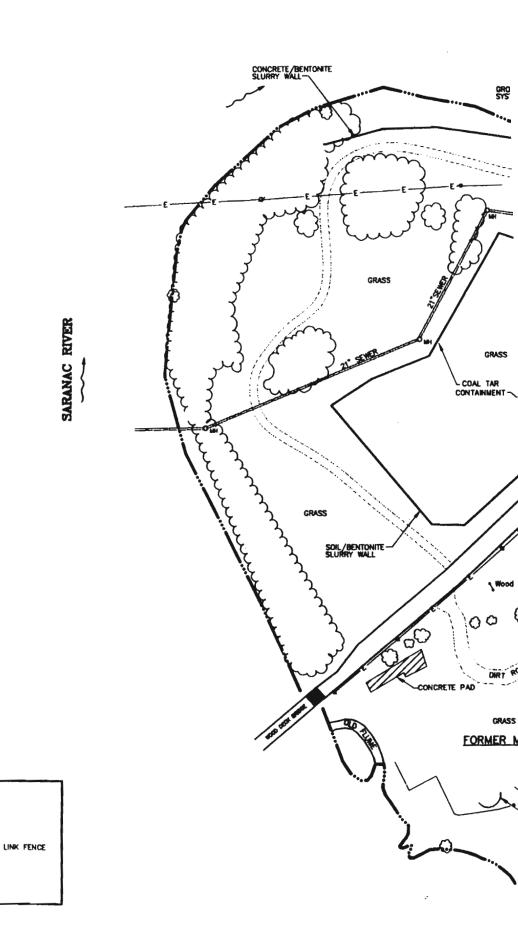
### **EXHIBIT 1**

**FIGURES** 





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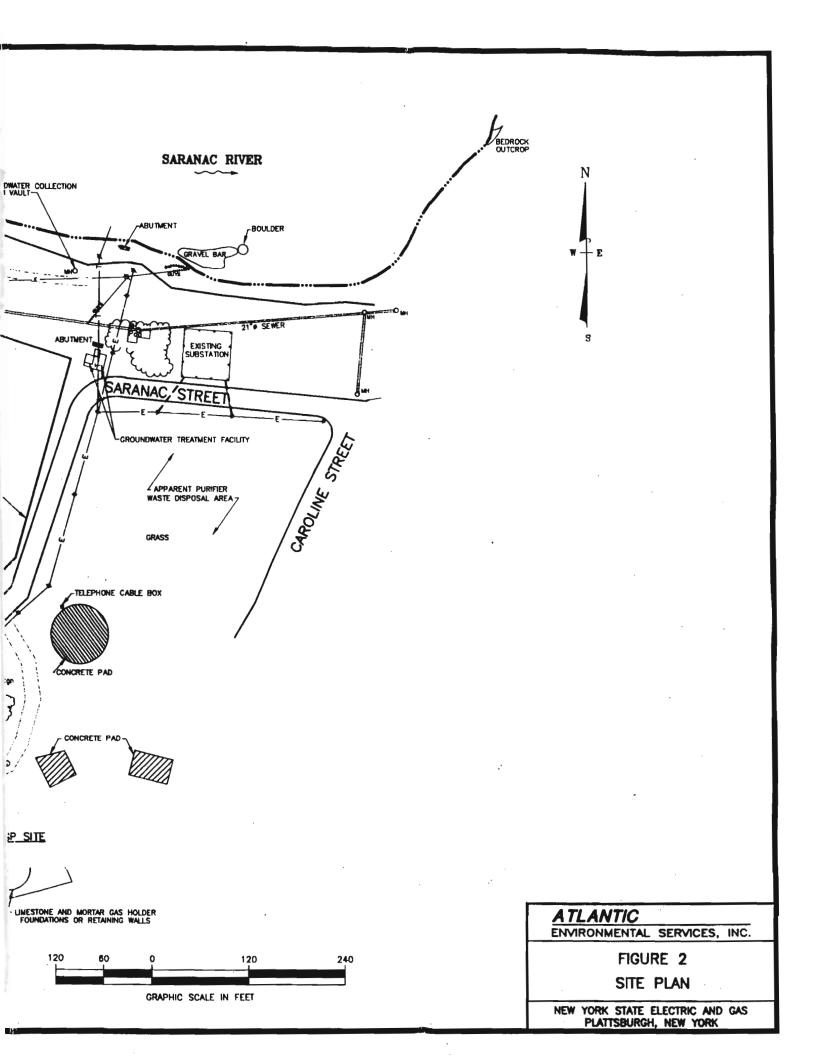
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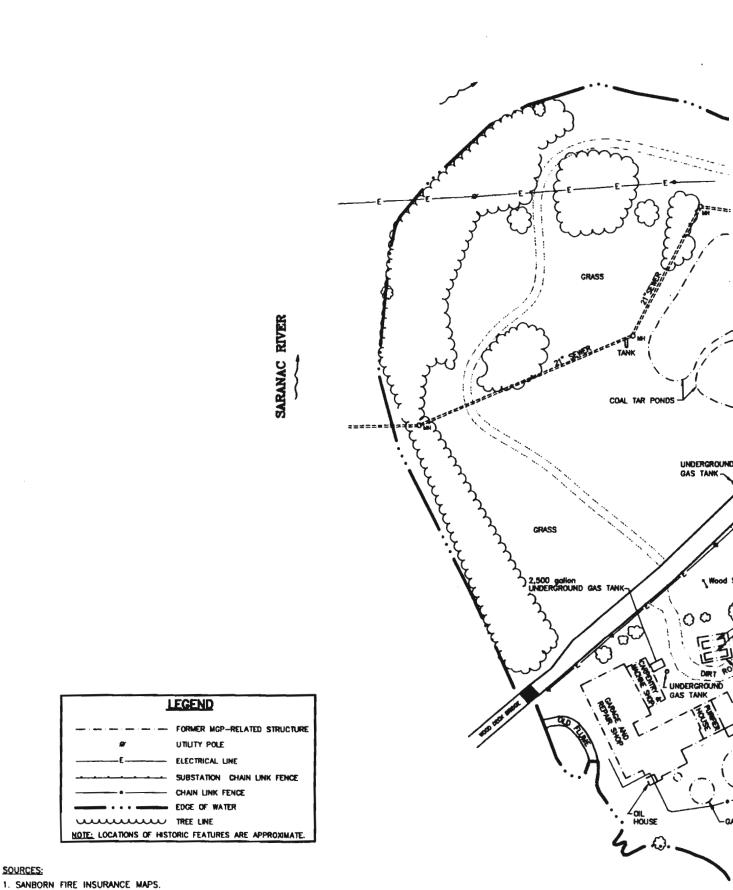
UTILITY POLE

ELECTRICAL LINE
SUBSTATION CHAIN LINK FENCE
CHAIN LINK FENCE
EDGE OF WATER

TREE LINE

#284/1804/PLATSITE



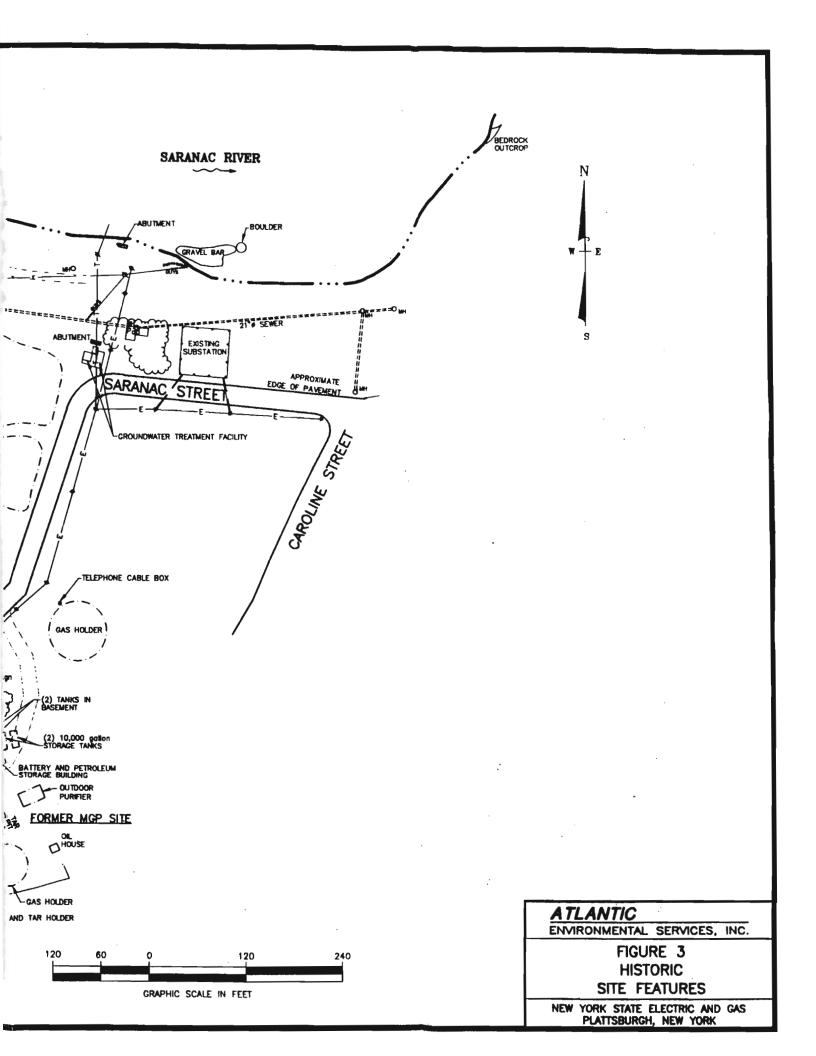


SOURCES:

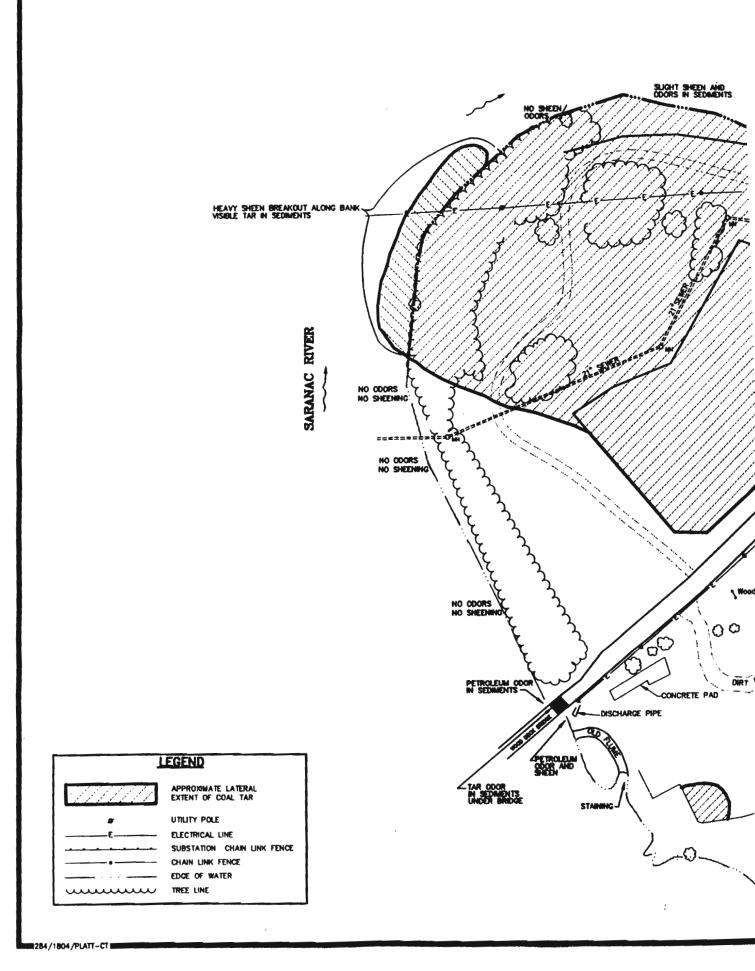
2. PLATTSBURGH SERVICE CENTER COAL TAR CONFINEMENT AND CLEAN UP, DEMOLITION PLAN, MAY 1982.

3. INVESTIGATION AND DEVELOPMENT OF SOLUTIONS TO COAL TAR PROBLEMS AT PLATTSBURGH SERVICE CENTER, ACRES AMERICAN, INC., DECEMBER 1979.

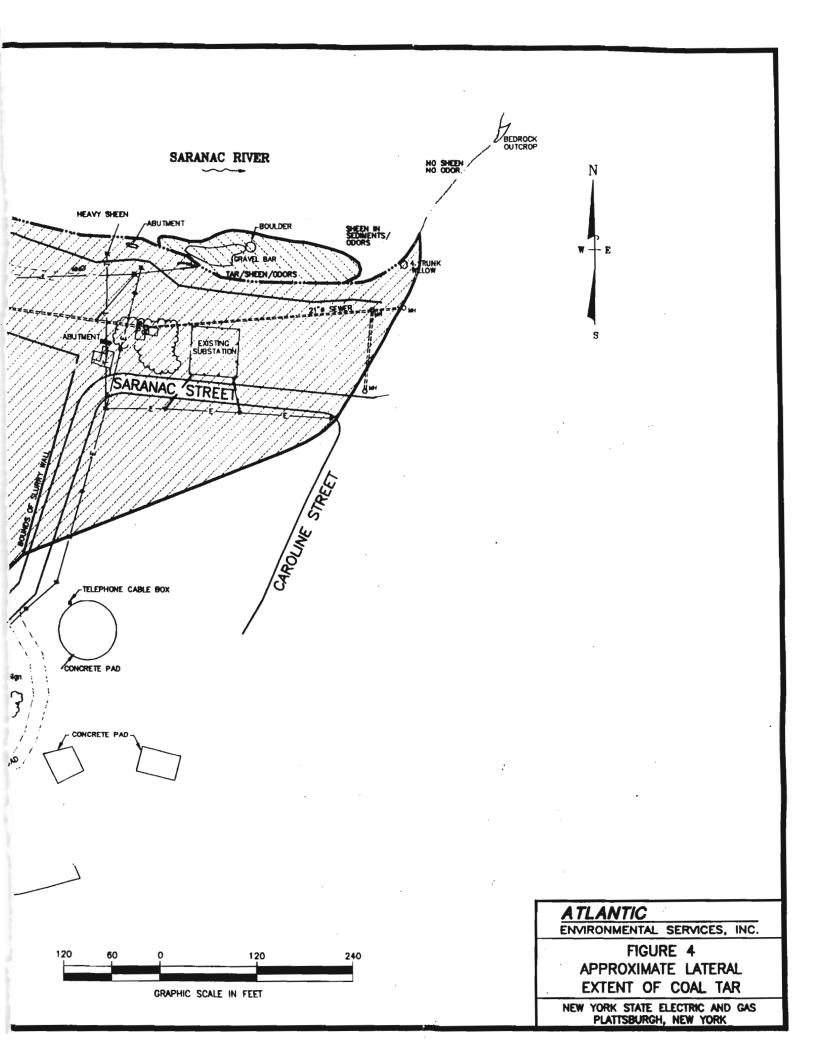
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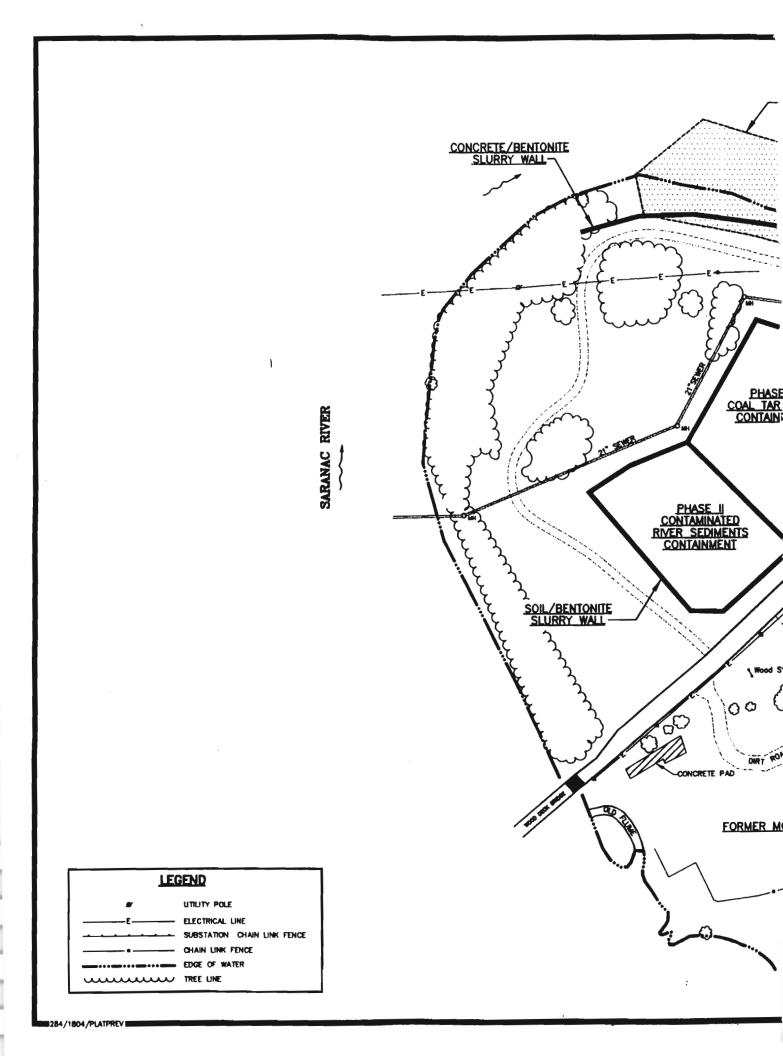


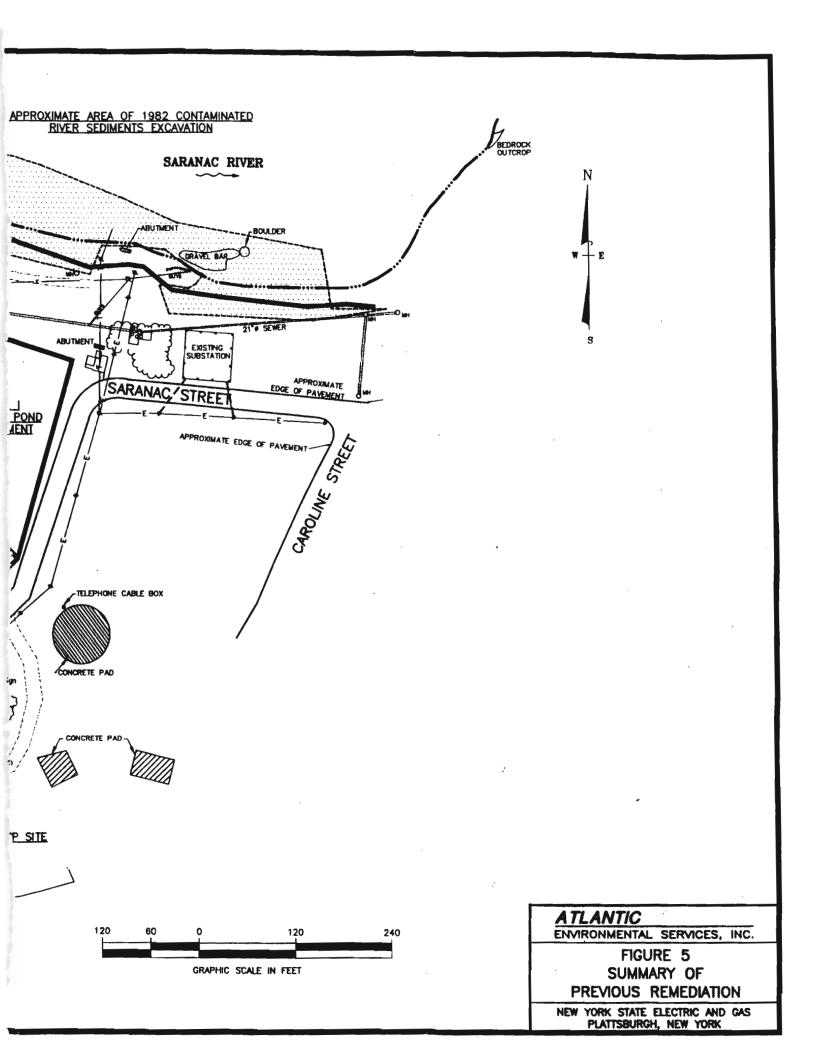
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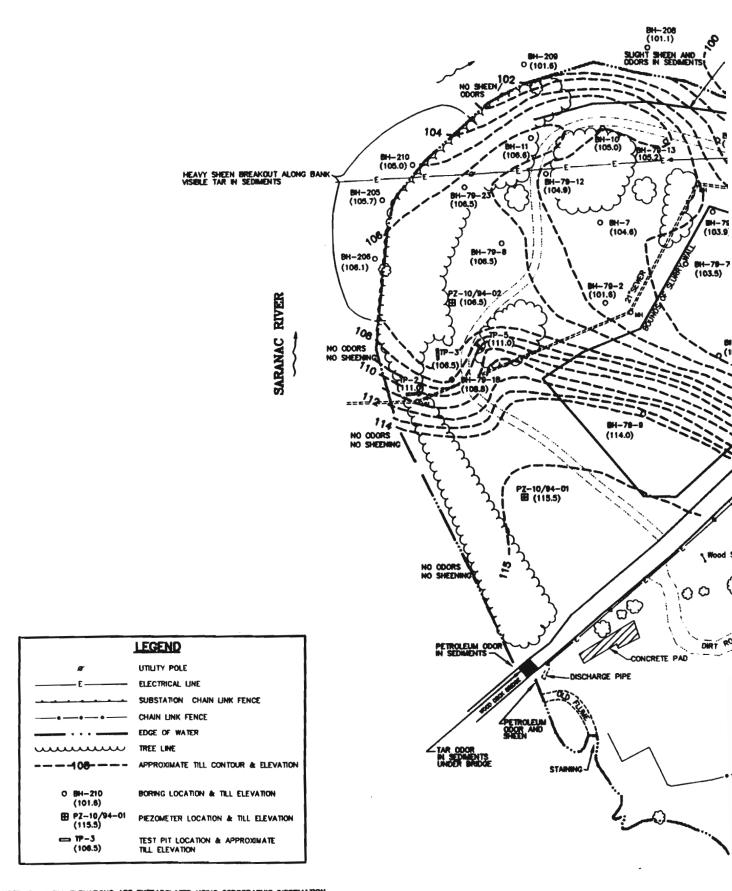
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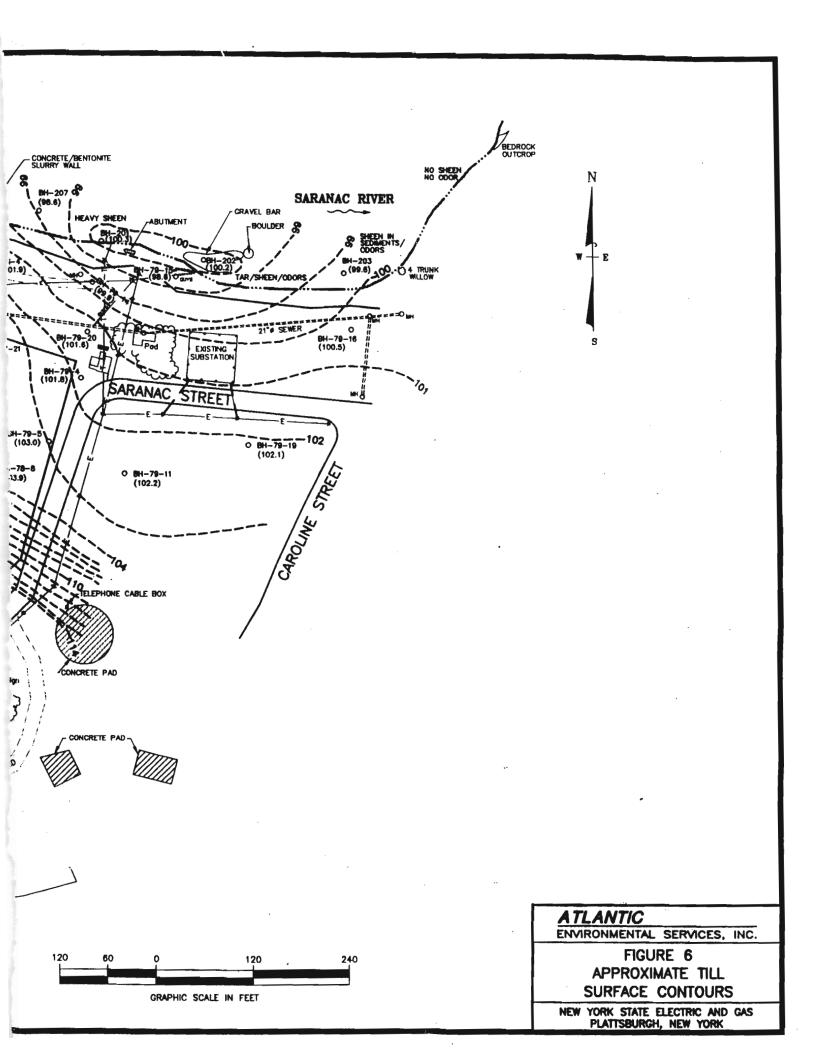
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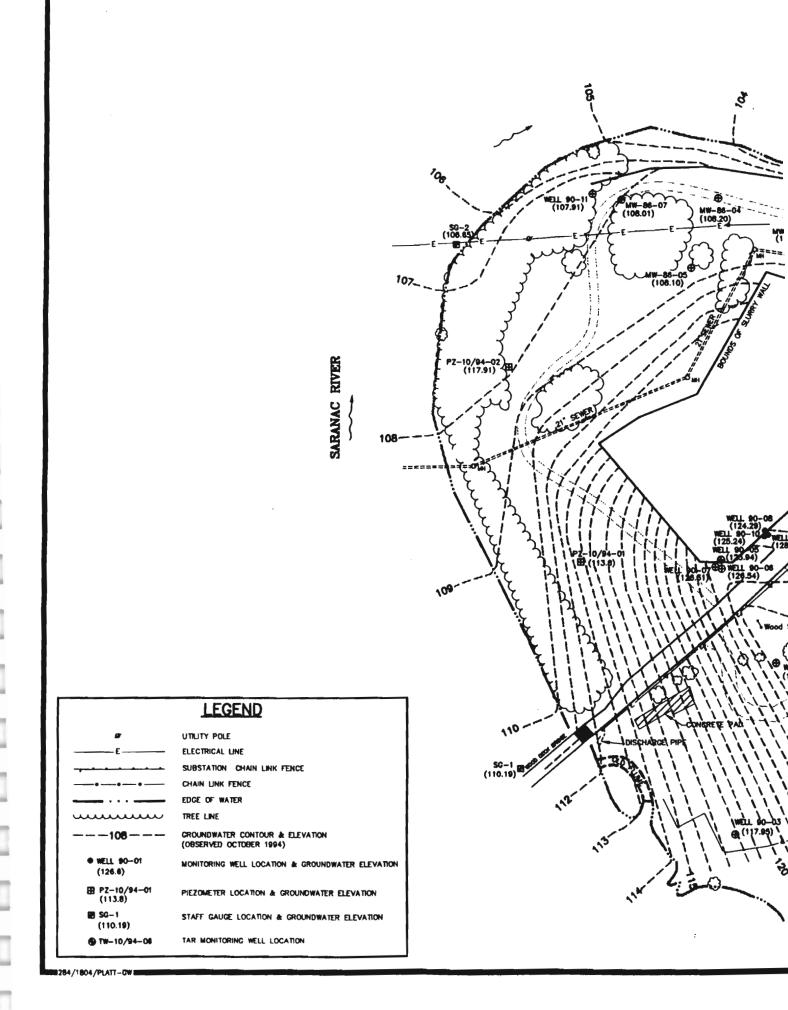


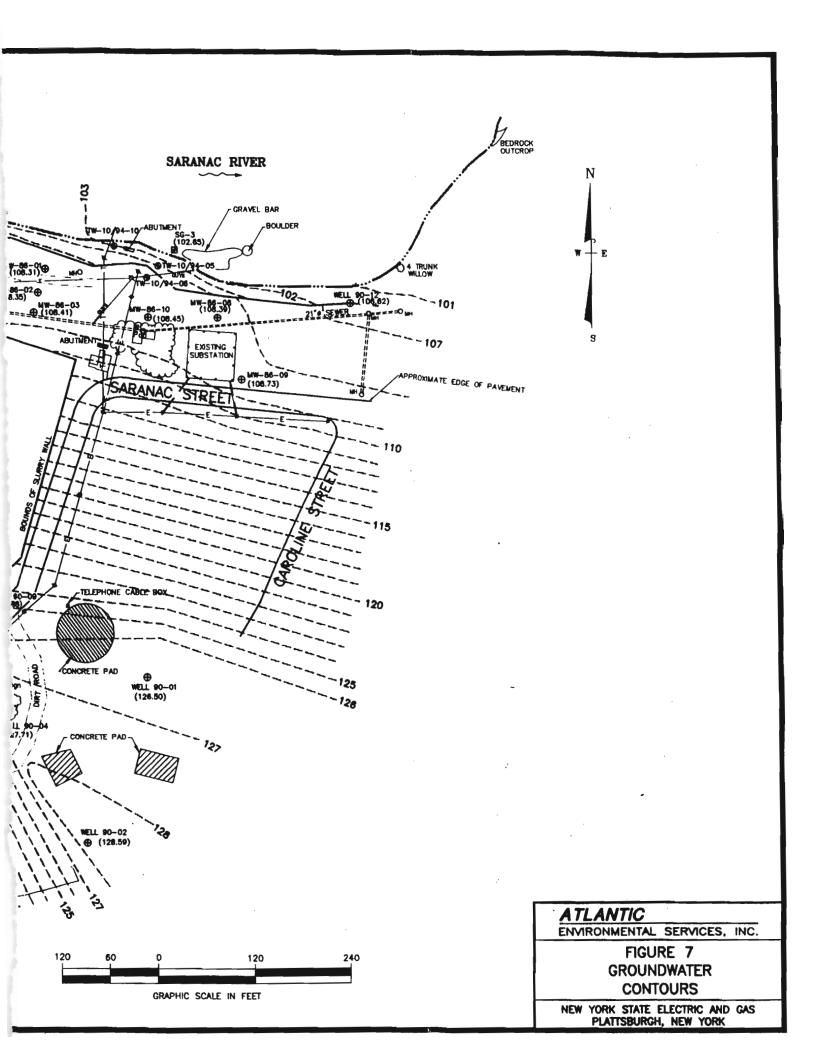
NOTE: SOME TILL ELEVATIONS ARE EXTRAPOLATED USING TOPOGRAPHIC INFORMATION.

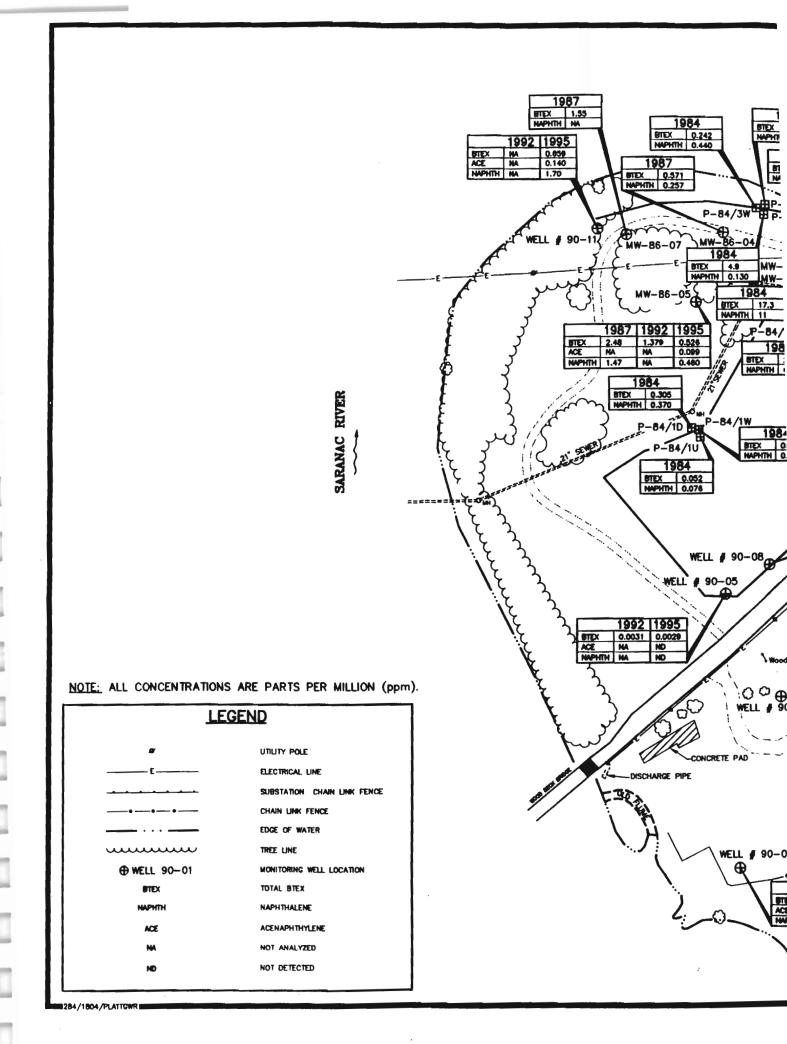
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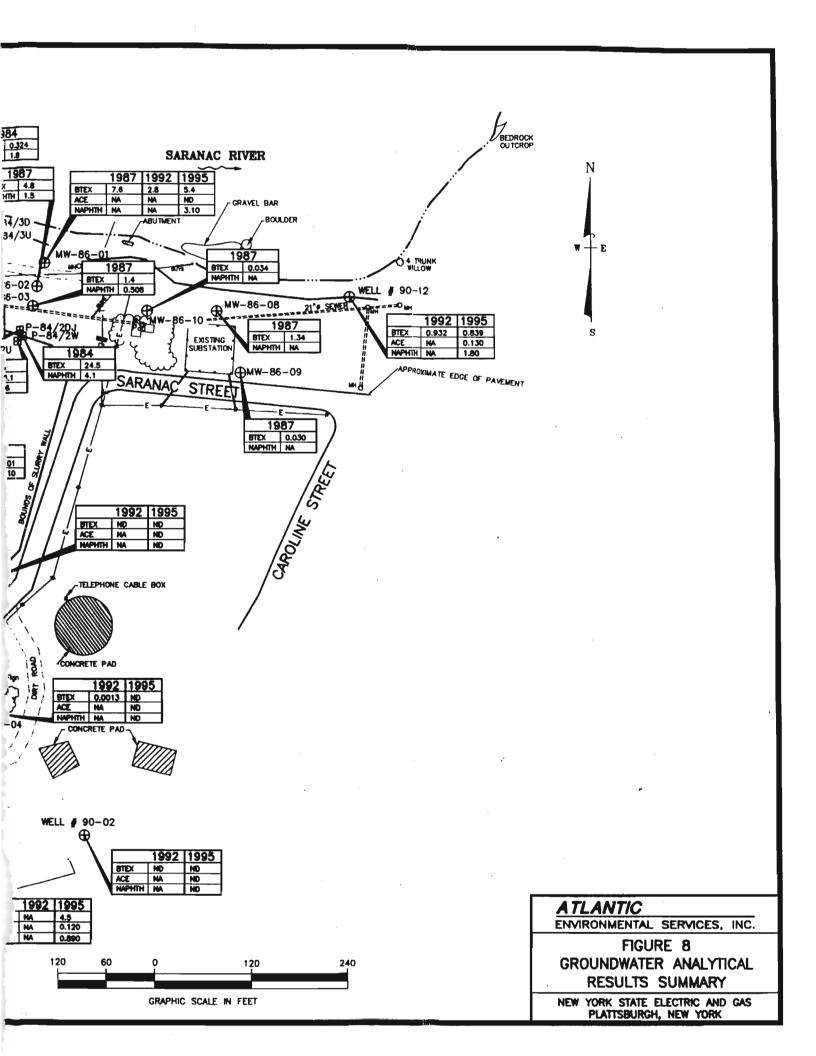






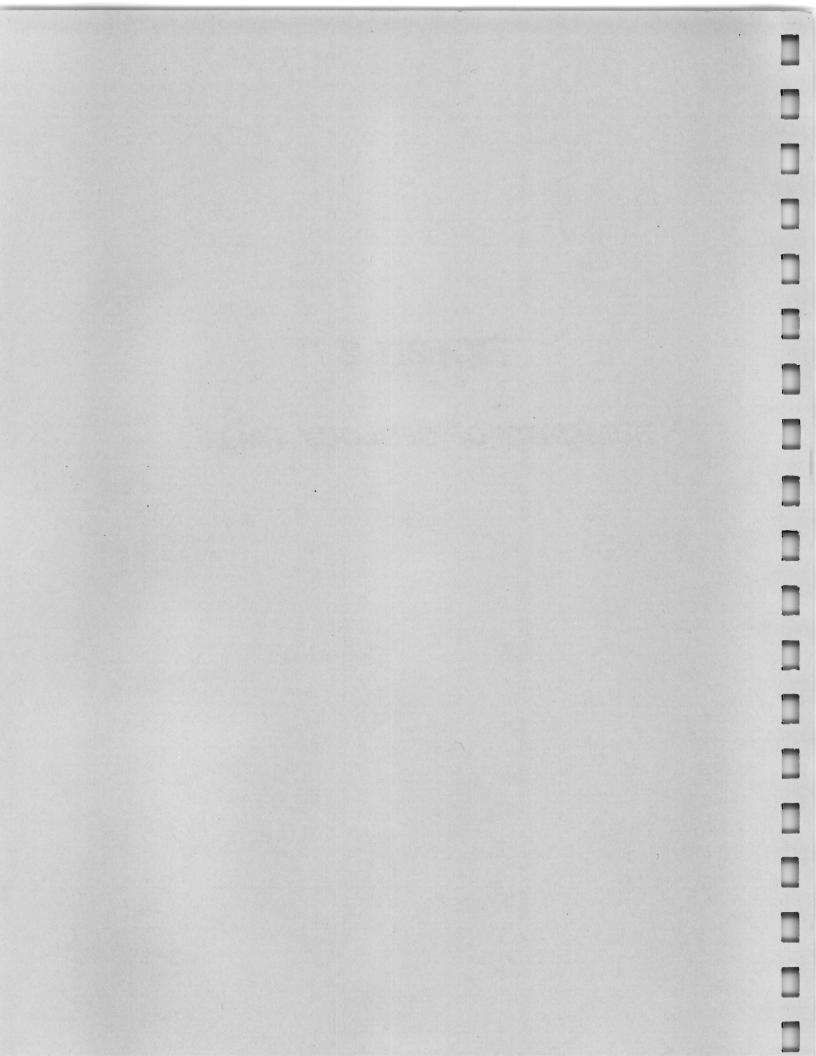


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## EXHIBIT 2 SUMMARY OF GEOLOGY TABLE



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	27 27 27 27 27 27 27 27 27 27 27 27 27 2	Gray silt and sand lift, coorne sand and gravel, trace clay and cobbles.  Dark brown fine sand known so blenk hoped.  Dark brown fine sand sand sand gravel, and silt.  Gray bleck to bleck fine to coerne sand gravel, and gravel.  Gray silt and sand tilt, coerne sand and gravel, trace clay and cobbles.  Dark gray to black very fine-grained linestone.  Light to dark brown fine sand, some medium sand,  Black gravel and fine to medium sand,  Gray silt and sand till, coerne sand and gravel, trace clay and cobbles.  Light brown to yellow brown fine sand, some medium sand and silt.  Light brown to yellow brown fine sand, some medium sand and silt.  Dark brown coerne sand and gravel, some medium sand and silt.  Dark brown coerne sand and gravel, some salt, clay, and wood chips	12.6	0-0.2 of sheen and stong odor	
	21 22 24	Dark brown to black topsoil.  Dark brown fine sand, trace medium sand, gravel, and sill.  Gray black to black fine to conser sand and gravel.  Gray sill and sand all, coarse sand and gravel, trace clay and cobbies  Upt to dark brown fine sand, some medium sand and sill.  Black gravel and fine to medium sand.  Gray sill and sand till, coarse sand and gravel, trace clay and cobbies.  Light brown to yellow brown fine sand, some medium sand and sill.  Dark brown coarse sand and gravel, some medium sand and sill.  Dark brown coarse sand and gravel, some adum sand and sill.	12.8		
	23 25 24	Dark brown fine sand, those medium sand, gravel, and sill. Gray black to black fine to coarse sand and gravel. Gray sill and sand till, coarse sand and gravel, trace clay and cobbies Dert, gray to black very fine-grained timestone. Light to dent brown fine sand, eone medium sand and sill. Black gravel and fine to medium sand and sill. Gray sill and sand till, coarse sand and gravel, trace clay and cobbies. Light brown to yellow brown fine sand, some medium sand and sill. Dark brown coarse sand and gravel, some medium sand and sill. Dark brown coarse sand and gravel, some sill, clay, and wood chips.		Water table at 7 S'	Sheer
	23 23 24	Gray still and sand it. Coarse sand and gravel, trace day and cobbles Gray still and sand till, tookset sand and gravel, trace day and cobbles Derly gray to black very fine-grained limestone. Light to dank brown fine sand, some medium sand and sill. Black gravel and fine to medium sand. Gray still and sand till, coarse sand and gravel, trace clay and cobbles. Light brown to yellow brown fine sand, come medium sand and sill. Dark brown coarse sand and gravel, come medium sand and sill. Dark brown coarse sand and gravel, come medium sand and sill.	10.0	the state of the s	
	100 100 100	Gray sill and sand ill. coates sand and gravel. I see city and cobbles  Gray sill and sand ill. coates sand and gravel, trace city and cobbles.  Dert, gray to black very fine-grained linestone.  Light to dent brown fine sand, some medium sand and sill.  Black gravel and fine to medium sand, and sall.  Gray sill and sand ill. coates sand and gravel, trace city and cobbles.  Light brown to yellow brown fine sand, some medium sand and sill.  Dark brown coates sand and gravel, some medium sand and sill.  Dark brown coates sand and gravel, some sall, city, and wood chips  Dark brown leaves and gravel increase.	10.0	D.DO. / Bit Only COM 18t OCC., TO VISIDIS 18T	
	23 12 21 44 44 44 44 44 44 44 44 44 44 44 44 44	Gray sill and sand till, coerse sand and gravel, trace dray and cobbles  Dert, gray, to black very fine-graind limestone.  Light to dent brown fine sand, some medium and and sill. Black gravel and fine to endium sand.  Gray sill and sand till, coerse sand and gravel, trace day and cobbles.  Light brown to yellow brown fine sand, some medium sand and sill.  Dark brown coerse sand and gravel, some medium sand and sill.  Dark brown coerse sand and gravel, some sill, clay, and wood chips.	. 00	8 7-12 black drops of coal tar on soil	
	2 2 2	Derk gray to black very fine-grained linestone.  Light to dark brown fine sand, some medium sand and sill. Black grevel and fine to medium sand. Gray sill and sand till, coarse sand and gravel, trace clay and cobbles. Light brown to yellow brown fine sand, some medium sand and all. Dark brown coarse sand and gravel, some sall, clay, and wood chips. Dark brown coarse sand and gravel, some sall, clay, and wood chips.	10.6	8 7-12 oil sheen and strong oder	
	23 23 23 24 24 24 24 24 24 24 24 24 24 24 24 24	Light to dark brown fine sand, some medium sand and silt.  Light to dark brown fine sand, some medium sand and silt.  Gray silt and sand tilt, coarse sand and gravel, trace clay and cobbles.  Light brown to yellow brown fine sand, some medium sand and silt.  Dark brown coarse sand and gravel, some silt, clay, and wood chips.  Dark brown coarse sand and gravel, some silt, clay, and wood chips.	10.0		-
	23 25 29 29 29 29 29 29 29 29 29 29 29 29 29	Light to dark brown fine sand, some medium sand and sill.  Black gravel and fine to medium sand.  Gray sill and sand till, coarse sand and gravel, trace clay and cobbles.  Light brown to yellow brown fine sand, some medium sand and all.  Dark brown coarse sand and gravel, some sill, clay, and wood chips.  Dark brown leaves and plant fibers.	9.		
	2 2	Black gravel and fine to medium sand.  Gray sit and sand till, coarse sand and gravel, trace clay and cobbles.  Light brown to yellow brown fine sand, come medium sand and alt.  Dark brown coarse sand and gravel, come ask, clay, and wood chips.  Dark brown leaves and plant fibers.		Water table at 4.7.	Sheen
	23	Gray silt and sand till, coarse sand and gravel, trace clay and cobbles.  Light brown to yellow brown fine sand, some medium sand and silt.  Dark brown coarse sand and gravel, some silt, clay, and wood chips  Dark brown leaves and plant fibers.		5.3-7.2 black sand coated with coattar, slight odor	
	2 2	Cary an ard send on, coarse send and gaves, sociology and cooker.  Light brown to yellow brown fine send, earne medium send and all.  Dark brown coarse send and gravel, earne all, cley, and wood chips  Dark brown leaves and plant fibers.			
	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	Light brown to yellow brown fine sand, some medium sand and silt.  Dark brown coarse sand and gravel, some silt, clay, and wood chips  Dark brown leaves and plant fibers.	_	7.2-10 is black drops of coal tar on soll	
	2 2	Light brown to yellow brown fine sand, some medium sand and silt. Dark brown coarse sand and gravel, some silt, clay, and wood chips. Dark brown leaves and plant fibers.		7.2-10 B oil sheen and strong odor.	
		Light drown coarse sand and gravel, some medium sans are sa.  Dark brown coarse sand and gravel, some sitt, cley, and wood chips  Dark brown leaves and plant fibers.	15		_
	3	Dark brown coarse sand and gravel, some silt, day, and wood chips  Dark brown leaves and plant fibers.	9	VALUE INCHES IN 13 /	
	12	Dark brown leaves and plant fibers.		18.5-18.6 black drops of coel tar on soll, slight odor	_
	7				
		Light to dark brown fine sand, trace sitt and gravel.			
	147	I take in stack became firm and assess all and consul-			
	77				
	- 275	Gray fine to medium sand and grayel, trace sitt and cobbles.			
2 2 2	147	Dark are, to black flow landsman			
0 0	14.7	Day Stat to Deck my mission in			
2 0		Medium brown fine allty sand, trace clay layers.	12.7	Water table at 0.0"	
,		Madkum brown fine send and cravel		4.3-4.7 very clean.	_
•					
01		LIGHT TO CHIT DOWN GRAVELEND THE TO MECHAN LENG.			
12.7	_	Grey fine to coerse sand.			
197 147		Over all and sand M mans sand and grand have also and critishes			
	:		!	The second secon	_
0	10.5	Light brown line sand.	6	AVERGE TECHO SE SE SE	
18 9.5		Medium brown fine sand and gravel.			_
_		And the same and the same and and the same and and the same and		·:	
6.0	!	כינול או פנים אתנים מו מתפס אתנים שנים מינול שנים יישל שנים מינול	::		
<b>5</b>	5	No geology recorded.	10.3	No water level indicated	NAPUSheen
10.3	_	Medium brown to gray fine sand and gravel.		.5 inch layer saturated with coal tar at 5.5'	
_		Court and		Of shear and strong point at 5 5.	
6	-	award and area area are are are are are are are a	1 1		
0 02	2	Light brown topsoil.	6.9	Water table at 14 4.	Sheen
7	_	Dark brown circles and eath fill with some coal brick, sand, and gravel.		8 5-11 8 strong chemical odor-not coal tar	
-		Mark on house office with out to the second because		44 B 49 & an annual raid in language of second chine	
•		MEGALIII DIOMI SMY CAT WAI SMY SAFA MISOS.			
-	_	No georogy recorded.		16.5-16 9 brack drops or cost tar or son	_
		Light to medium brown wood chips.		18 5-18 9 oil sheen and shong odor	
418		Light house for a party free eard, free eard, for a party and and or and and			_
_		MECCALL CONTINUE TO COMING DELING SELLS AND PRESE			
2	:	Gray sitt and send titl, coarse sand and gravel, trace day and coopes			
0.3	13.0	Black topsoll.	117	Water table at 6 9	Sheen
03 11.7		Light to medium brown fine sand, trace sill and gravel		9 8:11 7 black drops of coal tar on soil	
_		Cree all and sand till charse sand and gravel trans clay and critibles		9 B.11 7 oil sheen and strong odor	
: :	. \$	Mo analysis particular	. 6	An uniter level by the level	Sheen
0	2	nanmai innonia	•		•
26		Dark brown to black, fine to coarse, sand and gravel		6-9 / black drops of coal lar on soil	
01 10		Grav silt and sand till, coarse sand and gravel, trace clay and cobbles.		8-9 7 oil sheen and strong odor	

## SUMMARY OF GEOLOGY (continued) NEW YORK STATE ELECTRIC AND GAS CORPORATION PLATTSBURGH, NEW YORK,

End Depth Depth of Boring (R.bgs) (R.bgs)	(ft bas)	$\perp$	24.6	Geology Description (ft bas)	(M bas)	Offer
14.7	14.7	_	Dark brown cinder and eath I	Dark brown cinder and seh fill with some coal, brick, sand, and gravel	133	Water table at 9.6"
6.5 Medium bro	_	Medium bro	Medium bro	Medium brown fine sand with trace silt		12.3-13.3 black drops of coal tar on soil
	252	THE UNIT WAS A PART OF THE PAR	Medium brown in	Medium brown ime to coarse sand with some gravel		12.3-13 3 oil sheen and strong odor
		): č	Dark brown choder and set	Dark brown children and such fill all home and built and and and and		
: 		i —	Medium to derk	Medium to dark troom fine send with trace all	9	A A B S and mark and a second
	12.8	Medium brown fin	Medium brown fin	Medium brown fine to coarse sand with some gravel		4.4.8.3 strong conflor oder no debits to
14 Gray sill and sand till, coan		Gray sill and sand till, coa.	Gray sill and sand till, coal	Gray sill and sand till, coarse sand and gravel, trace clay and cobbies.		9.3-11.7 saturated with coal lar.
						9 3-11.7 strong cost tar odor, no visible tar
					_	11.7-12.8 black drops of coal tar on soil
			!			11.7-12.8 oil sheen and strong odor.
Ē.	Ē.			Dark brown topsoil.	11.2	Water table of 9.9"
_	_	Light brow	Light brow	Light brown to yellow brown fine send.		4.5-5 slight cost tar odor
	11.2			Light to medium brown fine to coarse sand and gravel.		
ð	ð	ð		ay all and eard till, coarse sand and gravel, trace clay and cobbles.		
9.7 t12 R	112	_	2	No geology recorded.	101	No water level indicated
	101	Light to medium br	Light to medium br	Light to medium brown fine to coprae send and gravel.		9 9-10.1 black drops of coal tar on soft.
8	11.2	3	Gray silt and sand till, coarse	my all and sand till, coarse sand and gravel, trace clay and cobbles.		9 9-10 1 of shear and shoos ody
68 125 Light to medium	12.5		Light to medium	Light to medium brown fine sand with trace all.		Water table at R.
	114	Medium to dark gray to b	Medium to dark gray to b	Medium to dark gray to black medium to coarse sand and grayel.		8 3-8 8 autwahed with cred to:
-	-	Grav all and sand ill cours	Grav all and sand ill coars	avialt and sand till course sand and gravel trace clay and cobbbes	_	A 2 to 1 to
• 					_	8.9 to 4 block done of endire on sol
					_	De l'a pero dobe d'one de di son
S. Commercial Commerci			Links to short brown State	led to ded branch fine product and some madius and and all	:	or of the second second second second
_	_	_		Black second and fire to enable a need	_	
						Sand coared with coal tar and sagni coor at 4.5.
440			1	Cheles sells and fine cand fill		Service Committee of the Committee of th
	:		Black woodships	Black woodstine even sinders ask fire east and all	_	NO WHIST WAS STANDED
			Braunish	the Bra sand from every and one offi		40 E 44
	40			The same of the sa		10.3-11 TO WEIGH IN BROWN GOOK
60	60	_	Light to yearswilling	IN 1879 SETTO, TECH TO BOTHE GENERAL BIND DOLLDERS.		Weder Lable of 10.
TOTAL		a Accept		Yearow brown medium to comple sand and gravel	!!	No lar or odor
•	•	THEOREM COMM	DECOMPT CORE	Drown course sums und graves, wace mire sums and sin.	n	Riverbed
					_	1.5-3 saturated with (ar.
And uninowa	1		All Linbow	Medium gray berray and trace commo artis and grayer	- 11	34 clean, no lar
•	•		5			COMMERCIAL
		3	3	COME NO VANT COME NO BARRA	_	U-0.1 has a gheen of tar from the river.
Medium		Medium		Mechan gray sat and sand, some graver.		1.1-1.3 far seturated
	:	:	!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!		:	2.5-5 clean no tar.
2.5	2.5		Brown me	Brown medium to coerse send and gravel.	2.5	Riverbed
		<b>80</b> 0	8	Coarse brown sand and gravel.		1 5-2 saturated with coal far
	- :		:	Black brittle timestone	<u>·</u>	2-2.5 clean, no tar.
1.3	1.3		Fine br	Fine brown sand and sift, some gravel	1.3	Riverbed
					_	Refuse at 1 3
					1.5	Riverbed
		_		Medium gray ality sand.		1 3-1.5 seturated with coal tar
		_				1.5-1 8 clean, no tar.
				Brauer angele sand and arenal		
- 2				HOWIT COMPAN SETS OF THE SETS		Riverbed
		•		Gray sifty sand	<b>6</b> 0	Riverbed 13-15 saturated with coal far

	DNAPU	LNAPL				NAPL									::	NAPL						NAPL							MAPL							NAPL			2			_		
		ALC: THE STATE OF	A.S. chamical residue	6-13 2 residue soaked wood and fibrara material		No water level indicated	10-14.5 sand and silt residue soaked				No water lavel indicated	Reference 5.7	No water table encountered	2-5 slight residue odor.	Refusel at 5.0.	No water level indicated	4-8 residue saturated	6-12 residue sosked		A R and B 40 elicit and a select	Refused of 11.4"	No water table errountered	7.5-11 residue saturated.		Water table at 9.6".	Slight residue odor at 6 C.		•	No water level indicated	2-4 residue sosked.	12-16 residue saturated	16-17-4 residue sosked	Mr. water lavel indicated	4-10 little or no residue odor	Refusal at 13.4".	Water table at 10 0	4-10 5 residue soaked and saturated material	Water table at 10 6'	Refusel et 13 0	State ador at 5 C	9 5-11 residue soaked, scattered cobbles	No water table encountered	Possible boulder at 11 0'	
<b>z</b> .	Depth to TIR		?			: E				1	8		in						1	•					20.8				17.4	!			7.5	2					• ;	=				
SUMMARY OF GEOLOGY NEW YORK STATE ELECTRIC AND GAS CORPORATION PLATTSBURGH, NEW YORK,		Control of the feature of the featur	Cinca and all here reds and wood (residue poster)	Grav to black fine eard all	Rieck fine to medium sand all and cravel	No geology recorded	Black gravel with some fine sand and sitt.	Gray sill with some embedded gravel and shale.	Gray alternating layers of fine sand and sill.	Dark gray to black limestone	Dark brown sand, some silt, trace gravel and fibrous material.		Dark brown fine sand, some all, trace wood and gravel	Brown fine to medium sand and gravel.		Ash, wood, and sill fill, trace gravel	Fine sand, silt, and wood fill, trace brick.	Gray fine to medium sand, little silt and gravel.	Cray set, with the to course embedded sand and grave.	Dank brown into sand, some set, trace organic and graver.	Gray sat, some embedded sand end grave.	Brown fine sand, some silt, trace root fibers.	Dark brown to gray fine sand & gravel	Gray sill, little fine sand and embedded gravel.	Black cinder and ash fill, with some sill, sand, and gravel.	Brown sill, trace fine send, wood, and clay.	Brown fine sand, Wille silk and trace gravel.	Second Supplies	When each and converse fill with the sand	Black fine to coarse sand and gravel with trace sit.	Gray sill, little embedded gravel and sand.		Park and the same and same but they	Brown fire in case and and critical	Grav all with some fine sand and little embedded gravel.	No geology recorded		No peclogy recorded.		Brown fine sand and sitt, wade organic sit	USTA GROWII INTO TO INTERNATION SOUND, SOUND THE COMPANY OF THE CO	No geology recorded	Brown fine sand and little sill, some fine gravel at 9.5'	Gray sill, some embedded gravel and fine sand.
	Depth of Boring	in pgs	7			35.6					5.3		209	}		17.5				7.1.		13.5		i	802				7.4					•		1 15		5	:	=		: <b>=</b>	_	
	End Depth	(M Pare)	•	12.5	13.2	2	14.5	8	5	98	5.3		-	<b>w</b> o	:	•	12	15.5	17.5	10	•	7.8	=	13.5	•	đ	7	28.5	R	ž <b>ž</b>	17.4			<b>.</b> ;	7 ?	1 5	!	: : 2		د م	=	; <b>s</b> o	10.5	=
	Start Depth	IN DOM	•	•	,,		5	14.5	2	5	•		0	•		0	•	<b>1</b> 2	15.5	<b>D</b> :	2	•	7.8	=	•	•	2	7	5	2 -	: <b>\$</b>		•		. ÷	: !: •		:		o ;	en en		<b>.</b>	10.5
	1	2	<u>.</u>			- ¥1-8					<b>9</b> -2		B-2A	1		6.3				7		8.4			8.5					P				ò		16	,		:	<b>8</b> . 10			:	
		90000				-				į	-		-		İ	-				-		-			-					-			į.	-		-	•	-	:	-		} <u>-</u>		

## SUMMARY OF GEOLOGY (continued) NEW YORK STATE ELECTRIC AND GAS CORPORATION PLATTSBURGH, NEW YORK,

DMAPI	1848					_				TO WASDING USE	at tar on soil	one odor			Sheen	ter on soil		NAPL/Sheen	_	Yout her	100000			_	200 186	no visible tar	ter on sof		NAPL		ir on soil.		*		iter on sof		_	NAP		to visible ter	I tar on soil									Sheen	<u> </u>	al ter on soil
	0	Water table at 7 1*						Water table at 10 S	A 2.4 A atenna and the order as Jake to	2.5.5.5 Salary Com 14 0000	11 3-13.3 black drops of coal tar on soil	11 3-13 3 of sheen and strong odor		1	Water table at 6 6	8 5-10 2 black drops of coal tar on soil	8 5-10.2 oil sheen and strong odor.	Water table at 13 C	9-12 strong coal far odor dark color, no visible ta-	12-13 5 saturated with coat lar	13 5-19 Mark drops of conflict on the	The second secon	STATE OF STA	The second second	S 3-13.3 SURGINERED WITH COST (SF.	8 5-15 strong coal tar odor, no viable tar	15.3-18 black drops of coal tar on soil	15.3-18 oil sheen and strong odor.	Water table at 10 4'.	4-10.5 saturated with cost lar.	4-17 black drops of cost tar on soil	4-10.7 strong odor.	14.7-17 strong odgr.	Water table at 10.4.	12 8-14 6 black drope of coel tar on soil	12.8-14.6 strong odor		Water table at 9.2.	1.7-6.5 partially saturated with coal tar.	1 7-6 5 strong coal tar odor, no visible tar	9 8-10 8 black drops of coal tar on soil	9.6-10 8 strong odor	Water table at 11 g				•			Water table at 13 6	12.2-16.1 very clean	16 1-19 2 black drops of coal tar on soil
Depth to TM	(# Pare)	4						133						: 5	201		;	9					:	2					4					14.6			•	10.0					12.6							19.2		
	Geology Description	Gray fine sifty sand with some gravel and trace clay	Gray fine silty sand, some gravel, trace clay and boulders	Dark orav silly clav	Com fire ally sound sound sound trans also and the state	suppression and service former, made that promotes	Dark gray to black tine-grained Imestone	Grayish-brown sand and gravel.	Black cinder and eath fill, some sand, gravel, brick, and coal		Tellow-Ordern SRIV Sand, Face gravel and clay.	Brown to black fine to coarse-grained sand and gravel.	Gray all and fine sand till some prevel clay and critisies		Tender Grown time say seria, wade day, graver, and driganics.	Yellow brown to dark brown fine to coarse sand, some gravel	Grey sill and fine sand till, trace prevel, clay, and cobbles.	Black cinder and eah fill, some sand, gravel, brick, and coal.	Yellow-brown send, trace sill, gravel, and wood chip layers.	Black cinder and eah fill, some sand, gravel, brick, and coal	Brown fine to coarse sand and gravel, trace sitt.	Gray sill and fine sand till erone eronel frame niev and middles	light formal fine regions	Right sinder and salt III some sand second brick and some	Diet. See a service and the se	DIRECT THE SERIO WITH WOOD CHIPS, 18808 SM, GRAVEL, CHOSTS, 8110 10019.	DRECK fine to coarse sand and gravel.	Gray sill and sand till, coarse sand and gravel, trace clay and cobbles.	Black chider and eah fill, some sand, gravel, brick, and coal.	Black wood chipe, some chiders and seh, trace sand and silt.	Dark gray to black fine sand, trace gravel.	Dark brown gravel and fine to medium sand.	Gray sill and sand till, coarse sand and gravel, trace clay and cobbles.	Black cinder and seh fill, some send, gravel, brick, and cost.	Yellow to rusty brown to black fine sand, trace sill and gravel.	Brown to dark gray gravel, some sand, trace sitt and cobbles.	Gray silt and sand till, coarse sand and gravel, trace clay and cobbies.	Light brown fine sand, trace gravel and sit.	Brown to grayfah green fine siliy sand, trace roots.	Gray silt and sand till, coarse sand and gravel, trace clay and cobbles			Medium to dark brown very fine to fine sity sand, trace gravel.	Medium brown fine sand, trace coarse sand, gravel, and sill.	Medium to dark brown fine sandy all, trace day and coarse sand.	Medium to dark brown clayey sill, trace fine sand and gravel	Grav silt and sand till coarse sand and gravel trace clav and critisies	Mn machine remoded	Dark house fire annual filt annua shidana and and half	Derk brown in a send im, wome carders, asn, cost, and brick.	Tendow brown to gray time same, wade graver, earn, and coal time	Medium brown wood chips and fine sand
Depth of Boring	(if bas)	40.2					.:	\$							•			23	•				: 60						2					42				£				•	72						! \$	₹	_	
End Depth	(M bas)	17	20	28.7	36.		7	0.5	•	:	2	13.3	5	!	, ;	701	12.2	7.5	12	13.5	•	203	90	•	. :	2	2 3	18.8	•	10.7	14.7	=	2	•	9.6	14.6	17	11	6.5	t Et			3.8	7	93	126	14.8	24		n e		 12.2
Start Depth	(M bres)	0	11	8	7 %	;	8	0	0.5	•		13	13.3		•	0	10.2	0	7.5	12	13.5	6	. 0	5		.;	20.	2	0	•	10.7	14.7	17	•	•	9.6	14.6	0	11	6.5			•	3.8	^	9.3	126	871	2	) ¥	ם מ	n (
	9	BH-79-1						BH-79-2						BH 70.3			1	BH-79-					BH-79-5						BH-79-6					BH-79-7				BH-79-8					BH-79-9						DI 70 11	11-47-110		
	POUNTS	-						-				_		-		_	:	-		_		_	-			_		1	-					-				_	_	_			-	_			_	_		-	_	- :

SUMMARY OF GEOLOGY (continued) NEW YORK STATE ELECTRIC AND GAS CORPORATION
EOLOGY (con
SUMMARY OF GEOLOGY (continued) RK STATE ELECTRIC AND GAS CORPC
SUN NEW YORK S

2
Gray fine sifty sand, trace shale and gravel
Brown medium to coarse sand and prayer site
Coarse sand and gravel, occasional cobbles.
Gray fine sity sand, trace shale and gravel (till)
Gray five earth all trace mans earth and preval (iii)
Brown coarse sand and gravel, trace sill.
Loose brown sifty sand, some organics and pebbles
Sity sand, decomposed brick, and wood chip fill material
Sifty sand, decomposed brick, and wood chip fill material
-
Brown coarse to fine sand, trace sit and pebbles
Brown medium to fine sand, organic material, gravel, and brick fill.
Gray dense clayey material, trace shale and sand (HR)
Brown sifty sand, with rubble and stone chips
Gray dense clayey sand, trace gravel (tift).
Organic siit with some brown medium to fine grained sand
Clayey silt with coarse sand, and trace gravel
Gray dense clayey sill with rock fragments and gravel (IIII)

SUMMARY OF GEOLOGY	NEW YORK STATE ELECTRIC AND GAS CORPORATION	PLATTSBURGH, NEW YORK,
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9	Start Depth	(R bost	Deput of Borng	Gardene Beardodler	Depth to TM		DNAPL
	,		2	CANADAT VARIABIES	(856 III)	Other	LNAPL
12Z-H9	- ·	- (	8	Organic sit (iii)	<u> </u>	Water table at 10 5.	
	-	•		Brown coarse to fine sand, black cinder, organic clay, and sit fit		2-4 coal ter odor.	
	•	ę		Plack ailly fine sand with wood obins			
	•	:			_		_
	2	2		DIRCH SHIP BEITG		6-14 coel ter residue.	
	7	=		Coarse sand and gravel			
	=	92		Gray sifty fine sand (till)			
	92	8		No osobov recorded	_		
BH-222		1 40	5 65	Brown coarse to fine sand cinders, brick, and overshift	: 2	Marie and Marie	::
		3	2		<u> </u>	VANDE IN 1.6	NAPL
	n n	C.E.		Bleck line say sand.		5.5-8 coal tar odor.	
	1.5	=	_	Black coarse to fine sand, some gravel.		8-8.5 strong coal tar odor.	
	2	9		Dense gray clayey silt with medium grained sand, trace grayel.		Place of wood calculated with road for at 8 C	
	=	18.6		No cardres carectard		SO A software with the state of	_
	: !1 <b>C</b>	  -  -	: 0			THE PROPERTY OF THE PARTY OF TH	
9.1-0	· ;	3 3	<u>.</u>	Topson.	0.00	Water table at 11.6	
	5	6 1					_
	1.5	18.5		Medium to fine sand layers and fill, trace gravel.			
1	18.5	2		Gray glacial sil			
B-1-U	•	03	20.5	Topsoff	16	No water level indicated	
	03	11.7		Dark brown fine to medium sand, trace cobbles.			
	117	5		Cost and brick fill material			
	*			Charae agend			
	2 \$	2 %					
	2	200	:				
B-1-W	•	60	5	Tapsoli.	2	Water table at 15	
	03	3.5		Brown clay.			
	50	2		Brown bentonte stury.		-	
	8	2		Grav choled W			_
4.0	-	2	9	Treas.		Walter John of R.	
	, ;	} •	:		2		
	5	n (		and cash			_
	0	2 3		SAFTE WITH MITE GENERAL	_		
	9	18.5		Benfonille sturry.		•	
	10.6	9	-	Gray decid			_
B-2-D-3	•	12.9	13	No geology recorded.	13	No water level indicated	
	12.9	5	:	Gray glacies sti.			
8-2-D	•	0.3	=	Topsoff.		Water table at 7.7	MAPL
	03	4.5		Gray sandy silt.			
	4.5	50		Medium to fine sand trace cravel			
		=		Coal ter and sand			
B.2.11			1 10	Topoli		My designation of the second s	
	. :			Brick atons and and ansaris (III material	:		
	3 :	2 5		Over elected the			
3	2 6			No second		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
M-7-0		, ;	2	PARTY OF THE PARTY	_		
	,	0.00	-	Medium to it to the			
	200	2	1 1		::		
0-2-W-A	-	- !	ь	I apsoli.	2	No water level indicated	
	- 1	5.		Medium to fine sand		4 5-8 0 coal ter	
	5	-		Grey gracial fall fill	:		
B-2-P	•	0.17	13.5	Topsoff	5	Water table dry	
	0.17	6.5		Sand, cinder, and brick fill.			
	92	13		No geology recorded			

SUMMARY OF GEOLOGY (continued)
NEW YORK STATE ELECTRIC AND GAS CORPORATION

PLATTSBURGH, NEW YORK,

DNAPL	LANA	_	_					_								_				ithoil	-					_	with of		1	Sheen	pues	pued send	•		Sheen			_	:	Sheen							-	<b>.</b>	
	Maria	Water table at 4 5				Water toble at 6".				Water table at 6					No water level indicated			Water table at 4 07"	5-8 of odor, incressing with depth	8-11 strong oil odor, sand coated with oil			The state of the s	Variet labre at 4.03	2-4 slight of odor	4-6.3 strong oil odor.	6.3-8.5 strong oil odor, sand costed with oil			Water table at 5.94".	2.4-4 strong oil odor, bleck-steined send	4-7 strong oil odor and sheen, black stained sand	7-9.9 Strong odor, black oilly gravel	9.9-11 slight oil odar, trace sheen	Water table at 5.86.	2.5-4 oil odor.	Gray shale tragments at 5.	6-8 strong of odor and sheen	8-8.75 strong odor	Water table at B.4"	7.9 strong oil odor	Boulder at 8	9-10 5 strong oil odor and sheen				Wester Salida and 60 MG.	Water table at 10 86"	Water table at 10 86 4-8 strong oil odor
Depth to Till	IN PSE	11.5				11.5				=					14.5			Ξ						C.						9					•					10.5							:\$	<b>!</b> \$	! <b>\$</b>
Charlemy Describedon	Constitution of the Consti	Copples	Coarse gravel	Medium to fine sand and medium to fine gravel	Gray glacial till	Topsoff.	Sand and cobbles.	Dense medium to fine sand with trace medium to fine gravel	Gray clacial till.	Topol.	Brown class		Drown Demonie Stury	Gray glacial III	Topeofi.	Brown bentonile sturry.	Orey plecial till.		Light brown to gray fine to medium sand, some sill and wood fragments	Brown fine sand and all, wood fragments and trace clay.	Start made of program and name neither	One of the same of the same and proceedings	Cresy certae, tropic cary, set, tris serio and consecural personer.	Organic topsoil.	Very fine to fine brown to dark brown sand and silt.	Dark brown to gray medium sand with very fine sand and silk tenses.	Gray fine tend, trace medium sand.	Biack fine to medium sand, some coarse sand, trace pebbles.	Gray, dense, tight, clay and ell, trace fine sand and pebbles.	Organic lopeofi.	Brown fine to medium sand and eff, some gravel and wood.	Black very fine to fine sand and off.	Black gravel, coarse sand and fine pebbles, trace rock fregments.	Gray clay all, fine sand, light and dense.	Organic topsoil.	Brown fine to medium sand, some sill and wood fragments.	Dark gray rock fragments, clay, sift, and sand.	Gray, danse, Mght, stiff, clay and elf, trace pebbles (III).		Organic Icosoft.	Rown fire to medium sand some fron statutes all, and wood fracments	Open were fine send sell	Source and oceanse box, stalened expense and and rabbles	Month from etained comme sand and pathible	Constant all cond and cathline (18)			Organic lopeoli	Organic topeof.  Brown medium to coarse sand, trace pebbles and sill.
Start Depth End Depth Depth of Boring	IN PSENI	12				12		_		144		_			15	_			7 = 7					*					1	=					8.75					10.9							: : :	10	10.
End Depth	I DOES	2.5	7.0	11.5	12	0.24	40	11.5	12	0.24	•	.;	•	14.4	-	14.5	15	03	•	9.2	:	: ;	***	0.2	~	6.3	•	5.0	7.1	0.3	*	^	:	=	0.4	40	•	9.75		70	**	;	•	* 0				3	
Start Depth	III DESIG	0	2.5	7.9	11.5	•	0.24	*0	11.5		200		ν .	=	•	-	14.5	0	0.3	•		:	= '	0	0.5	~	6.9	•	8.8	0	0.3	•	^	6.0	0	0.4	•	•	,	•	2		,	•		200	!	0	0 0
s		B-3-D				B-3-U				8-3-W	:				9-3-6			\$					-	KA-2						83					84					BA.S						•	1	PA 8	<b>8</b>
Course	DOMES	 m	_	_		•	-	_	_	6	-			-	•	_	_	-		_		_		•	_	_	_	_		4	_			_	-	_	_				-	_	_					-	-

## SUMMARY OF GEOLOGY (continued) NEW YORK STATE ELECTRIC AND GAS CORPORATION PLATTSBURGH, NEW YORK,

Gray to brown to belack way fine as and and all.  Brown neckan the decident of the best of		n Depth of Boring (M bgs)		
8-10.5 bouldes and cobbies.  8-11 strong oil odor and coasing 11-11 4 oil odor 17.7-19 strong oil odor. 17.7-19 strong oil odor. 18-20 strong oil odor and coasing 18-20 strong oil odor and coasing 18-16 organic odor. 18-20 strong oil odor and seeing 18-16 organic odor. 18-21 oil oasing Oil sheen at 11' 11.5-12 8 oil odor and sevel Newer table at 8 7. 11.5-12 8 oil odor and taclo oil in seems Water table of y.  Water table of y.  Water table of y.  Water table of 5  Water table of 5  Water table of 5  Water table of 6  Water table of 8  Water table of 8  Water table of 9	114	##	11.4	11.4
Where table at 12.11' 9-10 sight odor and coaling 11-11 4 old odor 11-14 4 old odor 17.7-19 strong oil odor 18-19 oil sheen. 19-20 strong oil odor and coaling 19-20 strong oil odor and coaling 19-20 strong oil odor and coaling 19-30 strong oil odor and coaling 19-30 strong oil odor and coaling 19-30 strong oil odor and grevel 19-30 strong servel at 11' 11-5-12 8 oil odor and trace oil in seems Weler table at 6.7' 5-15 strong petroleum odor Free petroleum at 15' Weler table at 5' Weler table at 5' Weler table at 6' Well at 10' Well at	Gray to br	Gray to br	2.5 Gray to br	04 25 Gray to br
Where table at 12.11:  20 Where table at 12.11:  3-10 signt odor.  17.7-19 strong oil odor.  18-20 strong oil odor and coaling  19-20 strong oil odor and coaling  19-20 strong oil odor and gravel  19-17.3 oily sand and gravel  19-17.3 oily sand and gravel  19-17.3 oily sand and gravel  Whater table at 6 02  8-5-11 oil coaling  Oil arhean at 11'  11.5-12 8 oil odor and bace oil in sams  Whater table at 6 7'  Free petroleum odor  Free petroleum odor  Free petroleum at 15.  Whater table of y  Whater table of y  Whater table of 6		4	7.	25 42
Whater table at 12.11:  9-10 stight odor. 17.7-19 strong oil odor. 18-19 oil sheen. 19-20 strong oil odor and coating 19-30 strong oil odor and coating 19-16 organic odor. 19-16 organic odor. 19-17 oily sand and grevel 19-18 oil odor and table oily 11-5-12 is oil odor and table oily 11-5-12 is oil odor and table oily 11-5-12 is oil odor and table oily 11-5-13 strong petroleum odor 19-15 strong petroleum odor 19-15 strong petroleum odor 19-16 strong petroleum odor 19-19 strong petr	Brown to black	Brown to black	Brown to black	A.2 6 Brown to back
Where table at 12.11. 9-10 slight odor. 18-720 strong oil odor. 18-19 oil shean. 19-20 strong oil odor and coasing. Whater table at 12.03 13-16 organic odor. 16-17.3 oily sand and grave! Whater table at 6.02. 9-5-11 oil coasing. Oil shean at 11. 11-5-12 8 oil odor and trace oil in seams. Whater table at 6.7. 5-15 strong petroleum odor. Free petroleum at 15. Whater table at 6.7. S-15 strong petroleum odor. Free petroleum at 15. Whater table of y. Whater table of y. Whater table of y. Whater table of y. Whater table at 6.7. 5-15 strong petroleum at 15.	B YORK DI ARY	BY SEED OF FEED	the contract of the contract o	The state of the s
Where table at 12.11  9-10 slight odor. 18-720 strong oil odor. 18-19 oil shean 19-20 strong oil odor and coasing Water table at 12.03 13-16 organic odor. 16-17.3 oily sand and gravel Oil shean at 11 11.5-12 8 oil odor and trace oil in seams Water table at 6.7. Water table at 6.7. 5-15 strong petroleum at 15. Water table of y				
16.5 Water table at 12.03  18.5 Water table at 12.03  13.16 organic odor. 16.17.3 olly sand and gravel 16.17.3 olly sand and gravel ON sheen at 11  11.5.12 8 oil odor and trace oil in seams Water table dry.  Water table at 6.7. 5-15 strong petroleum odor. Free petroleum at 15. Water table at 5.  Water table at 5.  Water table at 5.  Water table at 5.  Water table at 6.7. 5-15 strong petroleum at 15.  Water table at 6.7.  Water table at 6.7. 5-15 strong petroleum at 15.	23			
18.5 Whater table at 12.00 19.50 strong of odor and coating 19.16 organic odor. 19.17.3 oly sand and gravel Whater table at 9.7 Whater table dry. Whater table dry Whater table at 6.7 5-15 strong petroleum odor Free petroleum at 15. Whater table at 5. Whater table at 5. Whater table at 5. Whater table at 6.7 19.19.19.19.19.19.19.19.19.19.19.19.19.1	. Brown fine san	Brown fine san	6 Brown fine san	0.4 6 · · · Brown fine san
19-20 strong of odor and coating 19-30 strong of odor and coating 19-15 organic odor. 19-17 3 oly sand and gravel 19-17 8-19 old odor and trace of in seams Water table dry.  Water table at 6.7. 5-15 strong petroleum odor Free petroleum at 15. Water table at 5. Water table at 6.7	Medium to course sar	Medium to course sar	8 Medium to coerse ser	6 8 Medium to course say
19-20 strong oil odor and coating 19-5 19-19 Water table at 12.03 19-19 Gill strend gravel 11-5 11-5-12 B oil odor and trace oil in seams Water table dry.  Water table dry  Water table at 5:  Water table at 5:	Black to gray fir	Elack to gray fir	12 Black to gray fir	8 12 Black to gray fir
18.5  19.16 organic odor. 16.17.3 oily sand and gravel  Water table at 8 02. 8.5-11 oil coating Oil sheen at 11' 11.5-12.8 oil odor and teas oil in sams Water table dry.  No water table dry  Water table at 5'  Water table at 5'  Water table at 6'  Water table at 10.5'	Brown	Brown	14 Brown	12 14 Brown in
18.5  13-16 organic odor. 16-17.3 ofly sand and gravel  Water table at 6 02.  8-5-11 of coefing Old sheen at 11'  11.5-12 8 of odor and trace of in seams Water table dry.  No water table at 6 7'  5-15 strong patroleum odor Free petroleum at 15'.  Water table dry  Water table dry  Water table dry  Water table at 6 7'  Water table at 6 8'  Water table at 6 8'  Water table at 6 8'	Black to gray fin	Black to gray fin	17.7 Black to gray fin	
18.5  19.16 organic odor.  19.16 organic odor.  19.16 organic odor.  19.11 of coaling  Old sheen at 11  11.5-12 8 oil odor and trace of in seams  Where table at 6.7.  No water table at 6.7.  5-15 strong patroleum odor  Free petroleum at 15.  Water table dry  Water table dry  Water table dry  Water table dry  Water table at 6.8  Water table at 6.9  Water table at 6.9	Gray coarse to med	Gray coarse to med	ZO Gray coarse to mac	Ri
18.5 Whater table at 12.03  11.5 Whater table at 8 02.  11.5 Whater table at 8 02.  11.5-12 8 oil odor and trace oil in seams  Whater table at 8.7.  5-15 strong petroleum odor Free petroleum odor Free petroleum at 15.  Water table at 5.	Gray tight, dense	!	!	!
13-16 organic odor. 16-17-3 olly sand and gravel  Water table at 6 02. 95-51 oll couling 0.8 sheen at 11 11.5-12 8 oil odor and trace oil in seams Water table dry.  Water table at 6.7. 5-15 stong petroleum odor Free petroleum at 15. Water table at 5.  Water table at 5.  Water table at 5.  Water table at 6.7  Water table at 5.				
16-17.3 ofly saind and gravel  Whater table at 8 02  9.5-11 oft coating  Os ahean at 11  11.5-12 8 old odor and back of it seems  Whater table ofly.  Whater table at 8.7  5-15 strong petroleum odor Free petroleum odor Free petroleum odor Free petroleum at 15.  Whater table ofly  Whater table of 5  Whater table of 6  Whater table of 65	Brown to black sill and	Brown to black sill and i	Strown to black sill and i	0.1 9 Grown to black six and 1
Whater table at 8 02  9.5-11 oil coading Oil ahrean at 11' 11.5-12 8 oil odor and trace oil in seams Wester table dry.  No water lable at 8.7. 5-15 strong petroleum odor Free petroleum odor Free petroleum odor Free petroleum odor Water table dry Water table at 5: Water table dry Water table dry Vaster table dry Service table dry Vaster table dry	8	5	5	
Whater table at 8 02.  9.5-11 oil coafing Oil sheam at 11' 11.5-12 8 oil odor and trace oil in seams Whater table dry.  No water table at 6.7.  5-15 strong petroleum door Free petroleum at 15.  Whater table at 5.  Whater table at 5.  Whater table at 6.7  Whater table at 6.7  Whater table at 6.7  Whater table at 6.7  Whater table at 6.5	Dark gray v	Dark gray v	Dark Gray v	13 14 Dark gray v
Water table at 8 02  9.5-11 oil coeting Oil shear at 11' 11.5-12.8 oil odder and trace oil in seams Water table dry.  No water table at 6.7.  5-15 strong pertoleum odor Free petroleum odor Free petroleum at 15.  Water table at 5.  Water table at 6.7  Water table at 6.5	Gray fine to n	Gray fine to n	18.5 Gray fine to n	14 18:5 Gray line to m
Water table at 6 02.  9 \$-11 of coating OB sheen at 11' 11.5-12.8 oil odor and trace oil in seems Water table at 6.7.  5-15 strong petroleum odor Free petroleum odor Free petroleum odor Water table at 5.  Water table at 5.  Water table at 6.7.  Water table at 6.7.  Water table at 6.7.		Gay all C		
Whater table at 5.  Water table at 6.7.  Water table at 6.7.  S-15 strong petroleum at 15.  Water table at 5.				
Oil ahean at 11'  Weller table dry.  Water table at 6.7.  S-15 strong petroleum odor Fire petroleum at 15.  Water table at 5:  Water table at 6.7	Dieck	Sect.	2.5	0.2 2.5 Brack
Water table dry.  Whater table at 6.7. 5-15 strong petroleum odor Free petroleum at 15. Water table at 5.  Water table at 6.	Gray to brown fin	Gray to brown fin	8.5 Gray to brown fin	25 9.5 Gray to brown fin
Whater table of y.  Whater table at 6.7. 5-15 strong petroleum odor Free petroleum at 15.  Water table at 5.  Water table at 6.  Water table at 6.  Water table at 6.  Water table at 6.	Black to brow	Black to brow	11.5 Black to brow	9.5 11.5 Black to brow
Water table dry.  Water table at 6.7. 5-15 strong petroleum odor Free petroleum at 15.  Water table at 5.  Water table at 6.  Water table at 6.  Water table at 6.				
Whater table at 6.7. 5-15 strong petroleum odor Free petroleum at 15. Water table at 5. Water table at 5. Water table at 6. Water table at 6. Water table at 6.		21.3	21.3	21.3
Whater table at 6.7. 5-15 strong petroleum odor Free petroleum at 15. Water table at 5. Water table at 5. Water table at 6. Water table at 6. Water table at 6.	Gray coarse,	Gray coarse,		
Whiter table at 6.7. 5-15 strong petroleum odor Free petroleum at 15. Water table at 5. Water table at 5. Water table at 6. Water table at 6. Water table at 10.5.				
Whater table at 6 T. 5-15 strong petroleum odor Free petroleum at 15. Water table dry Water table at 5 Water table at 6 T	11	- 44	5 17	5 17
Whater table at 6.7. 5-15 strong petroleum odor Free petroleum at 15. Water table dry Water table at 5. Water table at 6. Water table at 6. Water table at 10.5.			0,	9
Whater table at 6.7. 5-15 strong petroleum odor Free petroleum at 15. Water table dry Water table at 5: Water table at 6' Water table at 6' Water table at 105.				9:
Whiter table at 6.7. 5-15 strong petroleum odor Free petroleum at 15. Water table dry Water table at 5: Water table at 6. Water table at 6. Water table at 10.5		-		
	_	_	_	_
	desk com	Gray con	T3 Gray co.	Gray cou
	9	9	D	9
	-	;	,	
	91			
	Broven sift, so	Brown sift, so	15 Brown sift, so	
	:	:	:	:
	-	-		- 0 0
	Gray coarse, med	Gray coarse, med	12 Gray coarse, med	10 12 Gray coarse, med
	12			12
_	12.5			
	_	_	12 12	10 12

### SUMMARY OF GEOLOGY (continued) NEW YORK STATE ELECTRIC AND GAS CORPORATION PLATTSBURGH, NEW YORK,

90 m				Busing to indeed makes area		mi or index		
<del>                                     </del>	0	1	(the beautiful state)	( post	Cantony Description	The beautiful to	. 2	-
+		·					MinA	TANA.
	2-20-2	>	2	12	No peology recorded.	-	No water lavel indicated	
		2	12		Gray coarse to fine sand, trace silt, clay, and gravel, glacial till			
-	B.00.10	•	:			:	Manual Land Street	
_					Department of the second of th		THE WARE MAN TO THE PERSON OF	
_	6-80-11	Ь	<b>.</b>	12	No geology recorded.		No water level indicated	
_		40	2		Brown coerse to fine send, some gravel, little siti, placial till.		5-10 strong petroleum odor	
_		2	5		Grave all some markers to fine sand trace moved released till			
			-			:	And the state of t	
	71-76-0	>	0	71	но деогоду пессиона		NO WATER IEVEL INDICATED	
	_	80	•		Brown coarse to fine sand, little sill and gravel, trace concrete debris, fill.		5-10 strong petroleum odor.	
_		•	12		Brown course to the sand and gravel. Bits sill.			
-	11004.1			:=	Me market encoded		And waster bound by the state of the state o	MADI
_		•	•	:	The Beautiful Technology	2	Delegate rever inches	2
		<b>1</b> 0	_		Light brownigray fine to medium sand, some grange mottles.		7-8 slight tar odor.	
		~	•		Orange brown medium sand and gravel.		8-9 heavy far odor and visible contamination	
		•	6.9		Black medium to coerse sand and gravel.			
			:		Name are fine after earl property till	-		
<del> </del>				•			A should be shou	1
<b>6</b>	7-101-1	<b>-</b> ;	60	2	Derk brown inte senay toem, argenic mener end graver	0	TWO WELLS INVESTIGATION	Scheen's annual
_		0.5	•		Orange brown medium sand and gravel.		12-13 5 moderate far odor and sheen	
_		•	•		Dark brown, medium to coerse sand and gravel, trace silt and organics		13 5-14 strong tar odor and staining	
_		•	12		Light brown fine to medium send with crange motifing.		14-15 moderate tar odor and sheen.	
		:	*		Secure in black the to market eard and secure have ries			
_		::	2 \$		Country to the Annual Country and the Annual			
1		0	2		(אבל) ספרפט, זדופ זס והפסעות, פונין מפרט ברט מיביין זווו			
<b>5</b>	BH-10/94-3	0	0.5	<b>£</b>	Dark brown to medium sand and gravel, organics	14.5	No water level indicated	NAPL/Steining
		0.5	•		Dark brown medium to coerse eand and gravet, some mottling.		6-8 slight lar odor.	
	_	•	•		Dark brown to gray fine to medium sand.		8-10 heavy odor and vieual contamination	
		•	9		I lets brown fine send to black medium to course sand and cravel.		10-12 heavy tar odor and staining	
		5	7		Dark orey fine to medium sand and crushed cobblee.		12-14 heavy tar odor and staining	
_		: 2			Done was the in mathem and and was all			
2	10 tone 4	•	20	=	Cart breat the sards them with enember	7	No water level beforehold	MAPI /Sheen
_		, ;	} •	2	Control broad and the broad and and and	:		
		6.3	• (		Loose orange promit, medium to course trans and graves.			
-		•	-		Light to dark brown line to coarse sand.		7.5-8 signi lar odor.	
_		•	12		Black medium to coarse sand and gravel.		8-12 heavy tar odor, visual contamination, sheen	_
	-	5	=		No recovery (cobblee and boulders).		٠.	
		=	9		Dense gray, fine sand and gravel, trace off, till.			
2	TW-10/94-5	0	~	5	Dark brown fine sandy loam.		No water level indicated.	LNAPL/Sheen
_		~	50		No geotogy recorded.	_	6-8 ter steining.	
_	_	•	•		Orange fine to medium send.		6-7 stight lar odor.	
		•			Dark brown to black medium sand		7-11 heavy far odor	
					Overce to black stained wood chica		8-9 ter shearing	
_	_	. •	12		Black medium to coarse sand and gravel		9-12 heavy visual contamination	
_		:	:		Danes are fire to medium sand and gravel			
1	TW-1094A		0.5	7	Dark brown fine sandy loan.	5	No water level indicated	NAPL/Sheen
_			•		Orange brown medium to coarse sand and gravel		6-7 ter sheering	
_					Mo recovery	_	7-8 heavy ter order shearing and steining	_
_		, ,	•		Park have been fine to mark on day day brown sanday		8.43 bears for other and classed decidentialism	
_	_		. ;		DEFA DEGREE TO CRECK HER TO HER WATER THE SENS OF THE SENSOR	_	the state of the s	
		. !	7		DISCA ITTE SETTE, GREVER, STIC SOME WOOD IN SUFFICIAL	_	Color and an address of the color	
		12	Ē.		Black madem to coarse sand and gravet with coopies and bourgers			
-		13	=		Grav dense, eilly fine send and gravel.			

## SUMMARY OF GEOLOGY (continued) NEW YORK STATE ELECTRIC AND GAS CORPORATION PLATTSBURGH, NEW YORK,

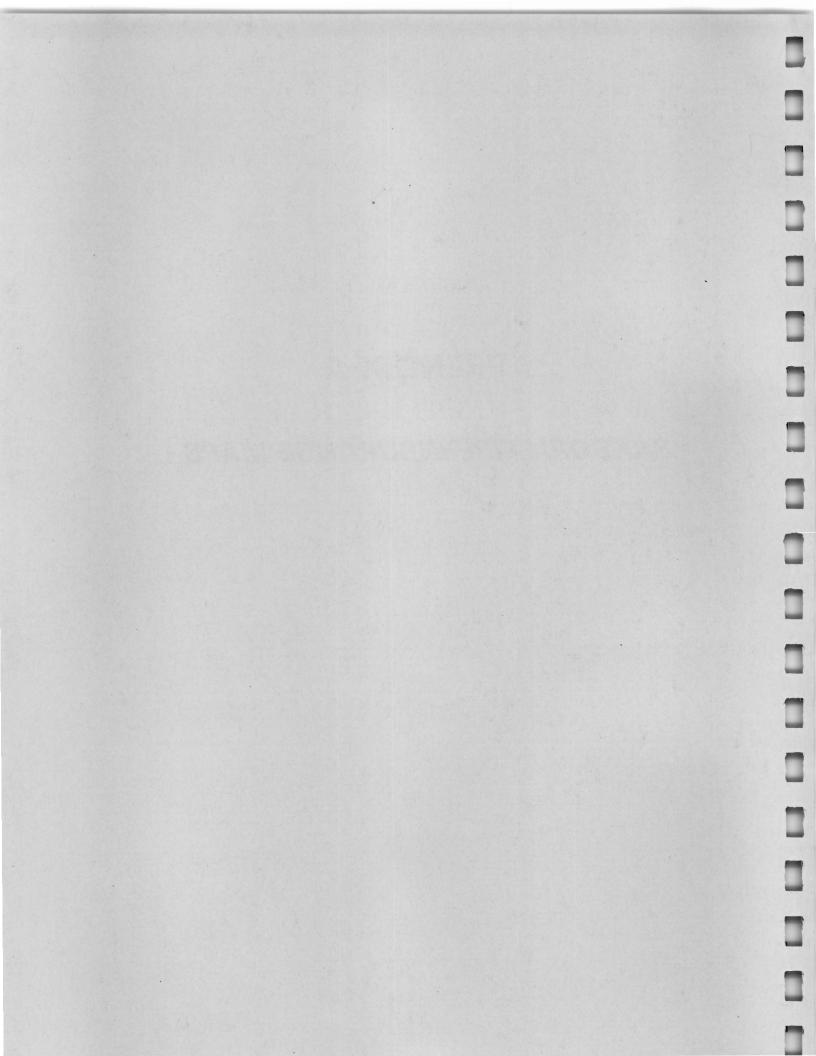
	Start Depth	_					
٥	(W Pote)	(% DOS)	(M bas)	Geology Description	(M bas)	Other	LNAPL
BH-10/94-7	0	0.5	<u>=</u>	Dark brown fine sandy loam	12	No water level indicated	NAPL/Sheen
	0.5	•		Orange brown, medium to coarse sand		3-8 moderate far oder	
	•	•		Dark brown fine to merce eand	_	S. S. 24 mond other lanes.	
	•	5		District Annual Contract Contr			
	, ;	• :		DISCOURTE GRAY, MIR TO COMPRE SETTO, GRAVER, SITTO WOOD IT INCHITS, COCOMES.		G-5 lar sheen	
	12	=		Dense, gray, sifty fine sand and gravel		8-12 heavy tar odor and visual contamination	
		-				12-14 elight tar odor.	
BH-10/94-8	•	0.5	=	Dark brown, fine sandy loam.	12	No water level indicated	NAPI /Sheen
	200	•		I left from the to mente cand			
	3 .			The sound was some sent.		TOO ME HOUSE C-7	
	0			Black steined and gray line sand.		Wood chip layer at 4".	
	_	9		Black stained, medium to coarse sand and gravel with cobbles.		5-6 heavy tar odor and staining	
	2	12		No recovery.		6-7 heavy far order and shearding	
	- 22	:		Dance ores, ally fine send and oresid till		7.40 hours for order and the sal confermination	
	!	:				CONTRACTOR OF THE COLUMN AND AND AND AND AND AND AND AND AND AN	
	!!	11	::		:	12-14 SHOTH THE COOL	!
BH-10/94-9	0	0.0	<u>-</u>	Light gray, well, bentonile and solitosment mixture, stury.	16.5	No water level indicated.	MAPI
	50.00	4		Dense, gray, sifty fine sand and gravel, till.		9-13 moderate tar odor, heavy visual contamination	
						13-16 slight tar odor and sheening	
						16.16 5 below whereal her constantivation	
	_					TO 10 2 THERE Y SHOW US CONTRIBUTED	
		1 1	11	the second secon	:	16-17 elight ter odor, visible ter at welfrill interface.	
TW-10/94-10	0	•	£	Light brown, fine to medium sand and gravel.	=	No water level indicated	NAPL/Stahring
	•	=		Black stained, fine to coarse sand and gravel, trace sitt.		5-6 eliaht ter odor.	· 
	=	13		Dense dark grav silv fine sand and gravel		6.7 hann for other and staining	
	:	!				Business property of the second	
						1-11 INSERTY THE GOOD BING WINDER CONTERMINATION.	
		-: -: -:		The second secon		11-13 slight har odor	1
BH-10/94-11	•	0.5	12	Dark brown, fine, sandy loam.	11.5	No water level indicated	NAPL/Sheen
	0.5	•		Orange brown, fine to coarse sand and gravel.		4-5 moderate tar odor, staining, and sheening	
	•	80		Black fine to medium sand, organic matter and wood chips.		5-6 moderate tar odor and sheering	
	•	•		Light brown fine to medium sand		6-7 moderate ter odor staining and sheaning	
				Black flower hand hand and death			
	• ;	? ;				1-11 S INSRAY LEF GOOF AND VISUAL CONSERNATIONS	
	2	7	::	Dense, Gray, me serio and grave, m	:		
BH-10/94-12	_	9	=	Dark brown, fine sandy loam, with organic matter	=	No water level indicated	NAPL/Sheen
	0.5	6		Brown fine to medium sand, trace organics.		5.5-7 heavy tar odor and staining	
	e	•		Dark brown, fine to coarse sand, with light brown sand lanses		7-8 heavy tar odor and shearing	
	80	5.5		Brown wood chips.		8-11 heavy lar odor and visual contamination	
	5.5	=		Gray/black stained fine to coarse sand and gravel, trace sitt.		Refusal on boulder at 11.	
BH-10/94-13	0	0.5	=	Dark brown, fine loamy sand.	13.5	No water level indicated	NAPL
	90	12		Orange and light brown, fine to coarse sand and gravel, trace sitt, cobbles.		4-6 stight far odot.	
	12	13.5		Black steined, fine to coarse sand and gravel, trace silt and cobbles.		12-13 5 heavy tar odor and visual contamination	
	13.5	7		Dense, dark gray, sithy fine sand and gravel, Mil.			
PZ-10/94-1	_	*	2	Brown, toose, fine sandy toam with organic matter	1 80	No water level indicated	
	•	5		Light brown to gray, allty fine sand with dark gray gravet, and mottling		4-12 slight odor	
	9	=		Brown, dense, sifty fine sand with dark gray grayel and grange motifing			
	=	9		Dark oray, dense, silly coarse sand with dark gray angular pravel, till			
PZ-10/94-2	: 0		. =	Grown fine sand fill	:=	No water lavel indicated	NAP
	•	5		Orange medium to example and prevent		0.4 heavy nachthalana order	
	, ç	: :		Black hose madern to coarse sand and event		S. 40 aliant manhittalana adam	
	2 :	::		Over dense fire allo cond and the said		OT 10 SINGER CHARLES COOK	_
	:	:		Color Contact line amy senta ena graver, im-		10-11 neavy tar odor and visual contemination	
				-		11.12 moderate tar order	_
				_	_		_

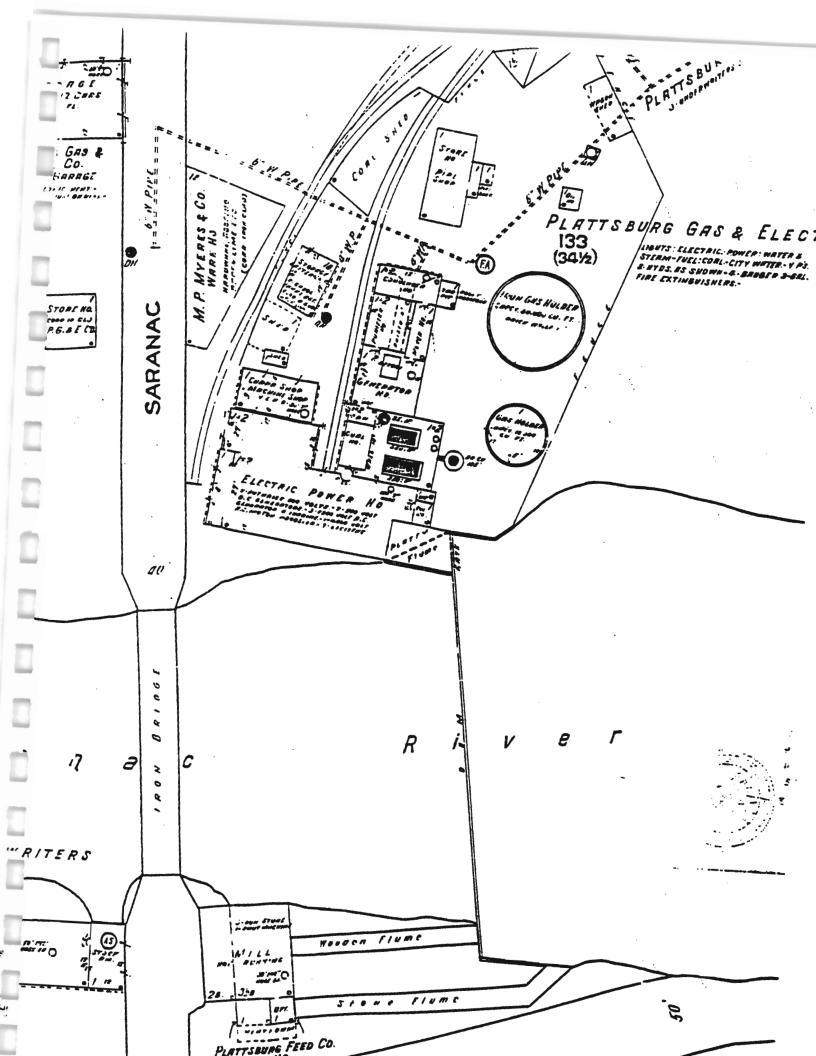
	•	Start Depth	End Depth	Start Depth End Depth Of Boring	-	Depth to TM	•	DNAPL
Source	2	1804	(SPG N)	(u pas)	Geology Description	(# Post)	Other	LNAPL
•	TP-1	•	•	0	Organic horizon mixed with light brown medium sand, rubbles, cables		Water table at 9 5'	NAPL
		•	•		Orange/brown medium to coarse sand, gravel, and cobbles		Heavy (ar odor, visible (ar, and sheen at 9.5)	
_		•	9 2		Six inch organic horizon.			
		8.8	5		Brown medium to charge pand gravel publish and brudders			
	10.5		: : :	: 6	Committee of the commit			
	•	•	- •	<b>n</b>	Organic A morganic		verter table at approximately 5	
		- 1	7		Loose, Agrit Drown 1916 to medium sand with gravet and coopies		No visual or instrument evidence of contemination	
		7:	-	:	Dense, dark gray, sity fine sand with gravel, cobbies, and boulders, till			:
•	TP-3	0	6	12	Light brown fine sand, organic matter, nubble, bricks, concrete, metal		Water table at 11'	Sheen
		n	12		Orange-brown medium sand and gravel		11-12 moderate odor and sheen on groundwater	_
_			12		Dense, dark gray silly fine sand gravel, cobble, and boulder, till	_	•	
i ec	741	. C		: =	Oreans "A" broton		No weller labels according	
_	:	. :		:	Black modium to concess and brick and ach stinkers wood and oless		A R. A. S. moderate les ordes	
_		2 :	? :		Description to come of serio, order seri, orders, wood strainings.		DOO NO DESCRIPTION OF THE PERSON OF THE PERS	
		n.	n D		Crange medium to coarse sand and graver.			
_	_	60 60	9		Dense, light brown, fine allty sand and gravel.			
:		₽	=		Dense, dark gray fine sitty sand and gravel, till			
	1P-5	•	6		Light brown fine to medium sand mixed with organic "A" horizon.		Water table at approximately 9"	Sheen
_		~	6		Black medium to coarse sand, gravel, cables, and brick in NW pit comer.		NW comer of pit had heavy far odor and sheen	
	_	•	•		Oranna brawn medium in onerse sand and grawel		8.9 moderate for oder and sheen	
_		•			Dance dark rear fine all a send and remail 18			
-	199	; ;			Oreals "A" balance	:	State of the state	MAD
_	2	> ;	5	•	Cigaria A noticon.		A ARIGINAL MANAGEMENT OF THE PARTY OF THE PA	
		6.0	'n		Medium to coarse orange sand and gravet, cobbles, trace boulders.		5-9 heavy (ar odor and visible (ar in groundwater	
		•	•	:	Dark gray firding to black medium to coarse sand and gravel.			•
	TP-7	0	-	•	Organic "A" horizon.		Water table at 9.	NAPL
_		-	w		Light brown fine to medium sand with fine roots.		5-9 heavy tar odor and visible tar in groundwater	
	_	•	•		Black, medium to coarse sand with lumber.			
	17.8	0	-		Organic "A" horizon.	•	Water table at 7.	NAPL
_	 ) ;	-	- 67	,	Liest brown medium sand with many roots		7-8 heavy odor and visible tar	
_		•	•	_	Dark break to market and seed on the			
		, ,	, ,		Dark Grown in the to medium serial entry grave.			_
	_	•			Unterge brown line to medium sand and graver, couples and bounders.	٠		
:		7	•	-	Black, medium to coerse sand and gravel, cobbles and boulders.			
	1P.9	•	0.5	=	Organic "A" horizon.		Water table at 9.5.	NAPL
_		9.0	3.5		Light brown medium to coarse sand and gravel with cobbles.		3.5-8 moderate tar odor	
_		3.5	•		Black medium to coerse sand and gravel with brich, coat, eah, and metal.		8-10 sheen on groundwater.	
_		•	\$		Brown medium to coarse sand and gravel.		10-11 moderate to heavy tar odor, 1-3% tar in water	
			: =		Grav fine ally sand and gravel till			
-	TP-10	•	1	7	Wet black coarse sand and gravel and fine black sand horizons.	:	Pil excavated in riverbank	
_	:	,					Heavy tar odor	
Sources:				-	The second secon	:		
-	New York St.	ate Electric and	Ges, Investiga	ison and Developme	New York State Electric and Gas, Investigation and Development of Solutions to Cust for Problem at Problem at Proteburgh Service Center, Acres American Inc., December 1979 Borings Installed August 1975 and June/July 1979	re, December 1	1979 Borings installed August 1975 and June/July 1979	
~	New York St.	ate Electric and	Ges, Cost Ter	Confinement and Ch	New York State Electric and Ges, Coal Ter Confinement and Cleanup, August 1991. Installed November 1990.			
•	Investigation	of Shurry Trend	h Cut-off Walls.	. New York State Ele	investigation of Stury Trench Cut-off Walfs, New York State Electric and Gas, Syracuse University, June 1999. Installed July 1904.			
•	Groundwater	Investigation a	nd Proposed R	temedial Program, R.	Groundwater Investigation and Proposed Remedial Program, Roux Associates, Inc., January 1987. Installed October 1989.			
-	May York St.	the Electric and	Gas. Saranac	Steet Containment	Meav York State Electric and Gas. Seranac Street Containment Study. February 1991. Installed May 1990.			
•								

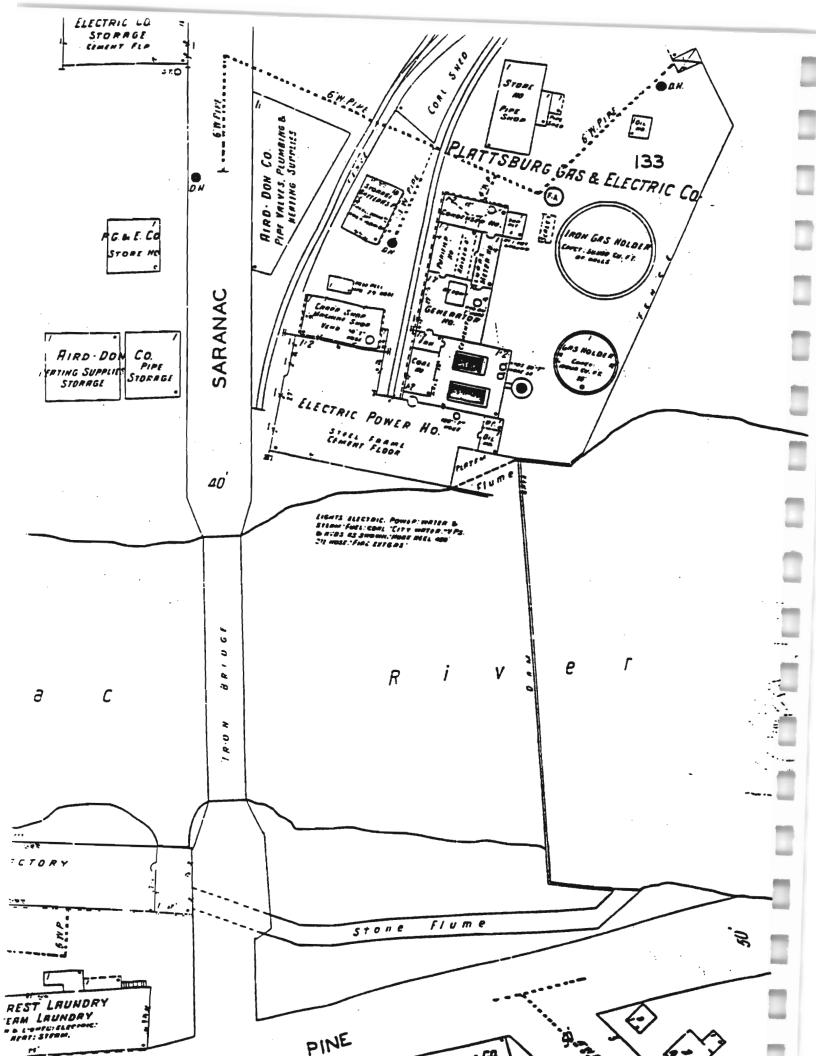
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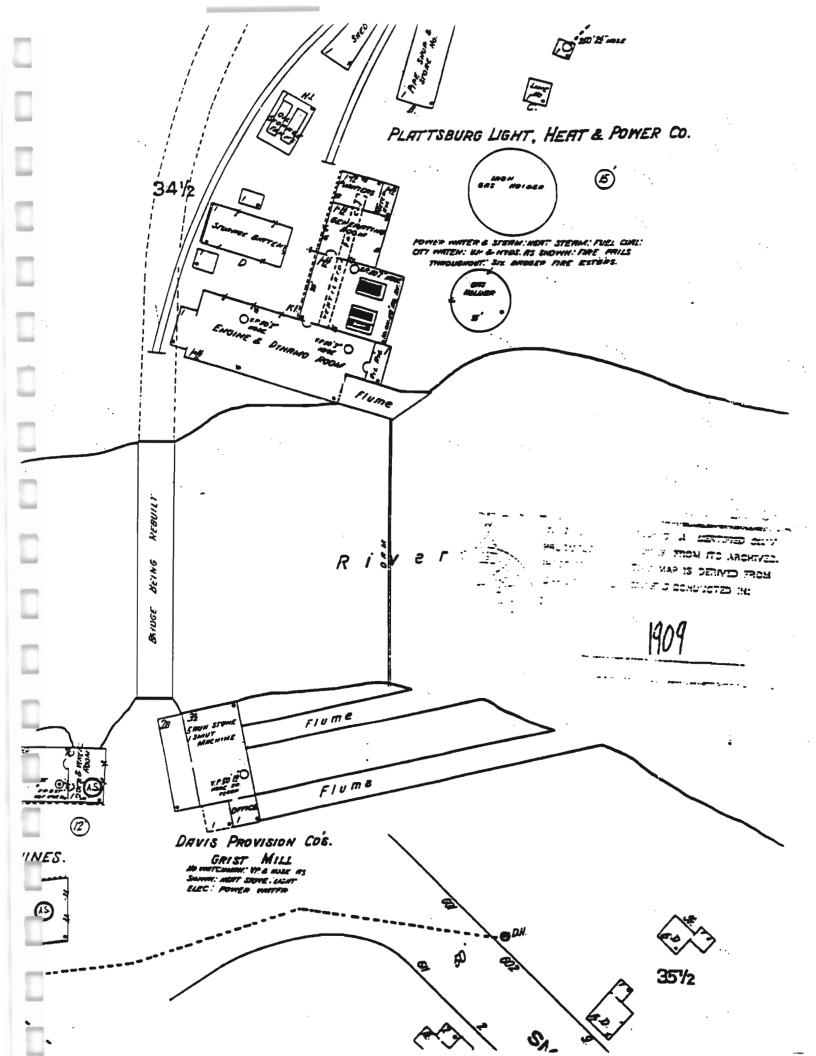
### APPENDIX A

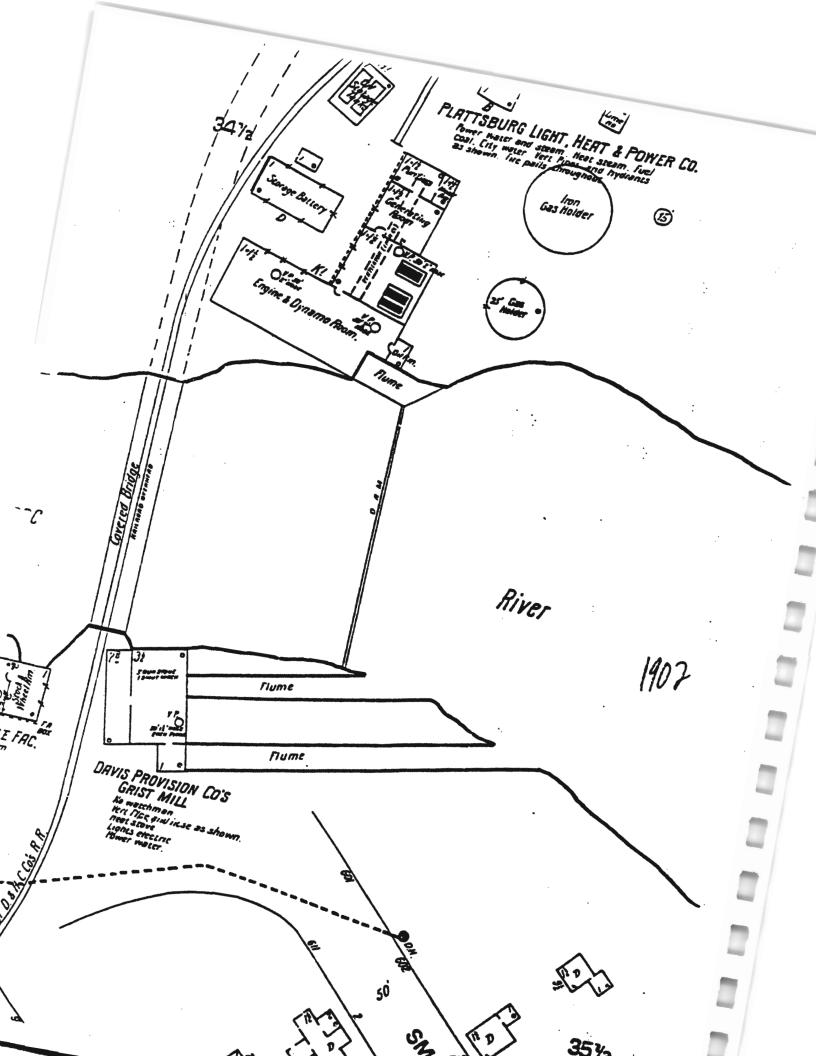
SANBORN FIRE INSURANCE MAPS

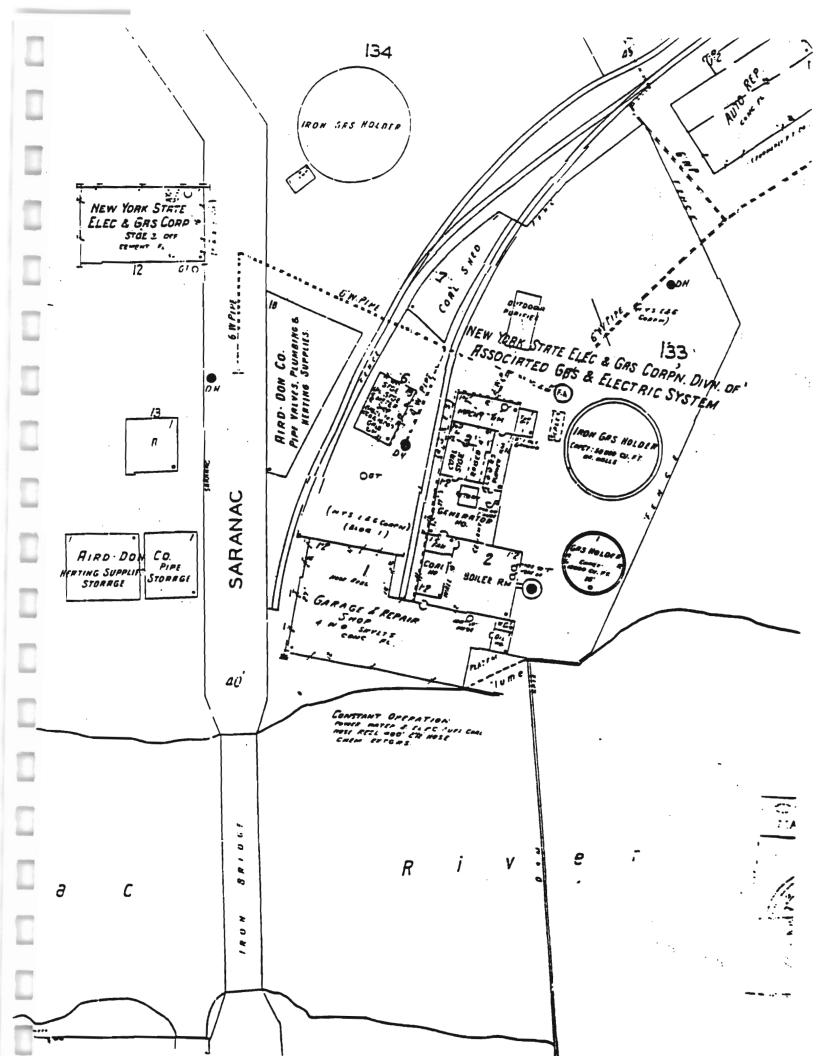


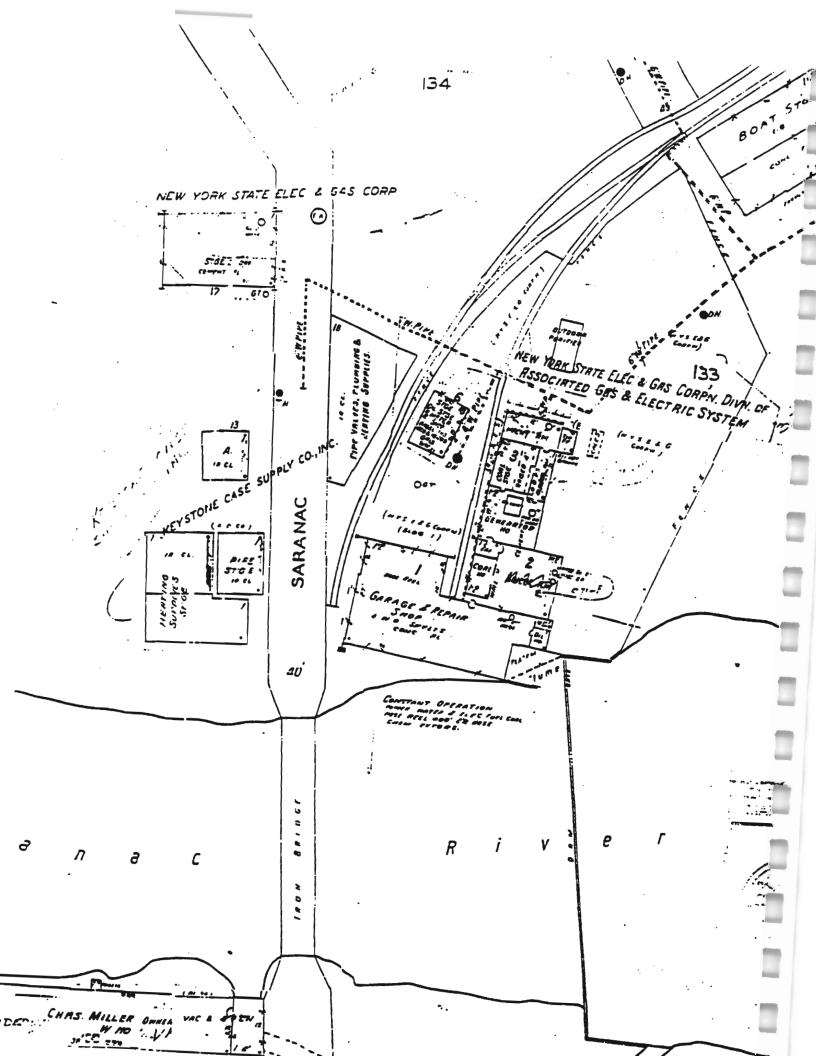


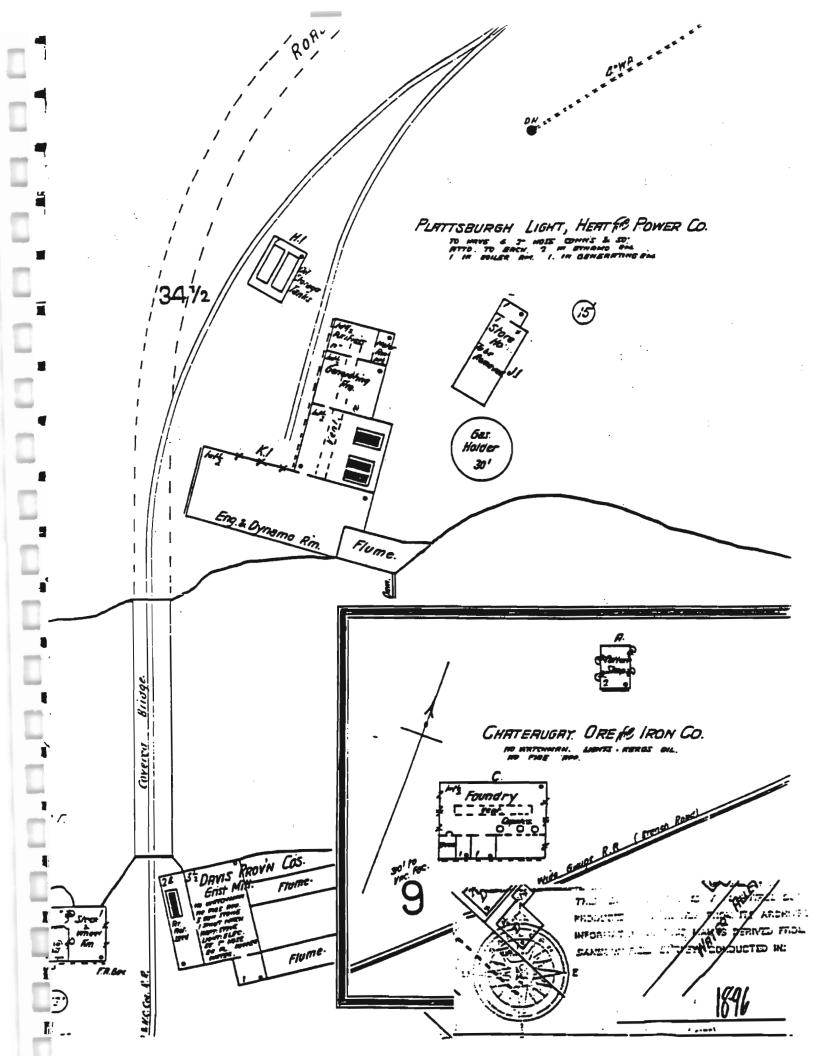


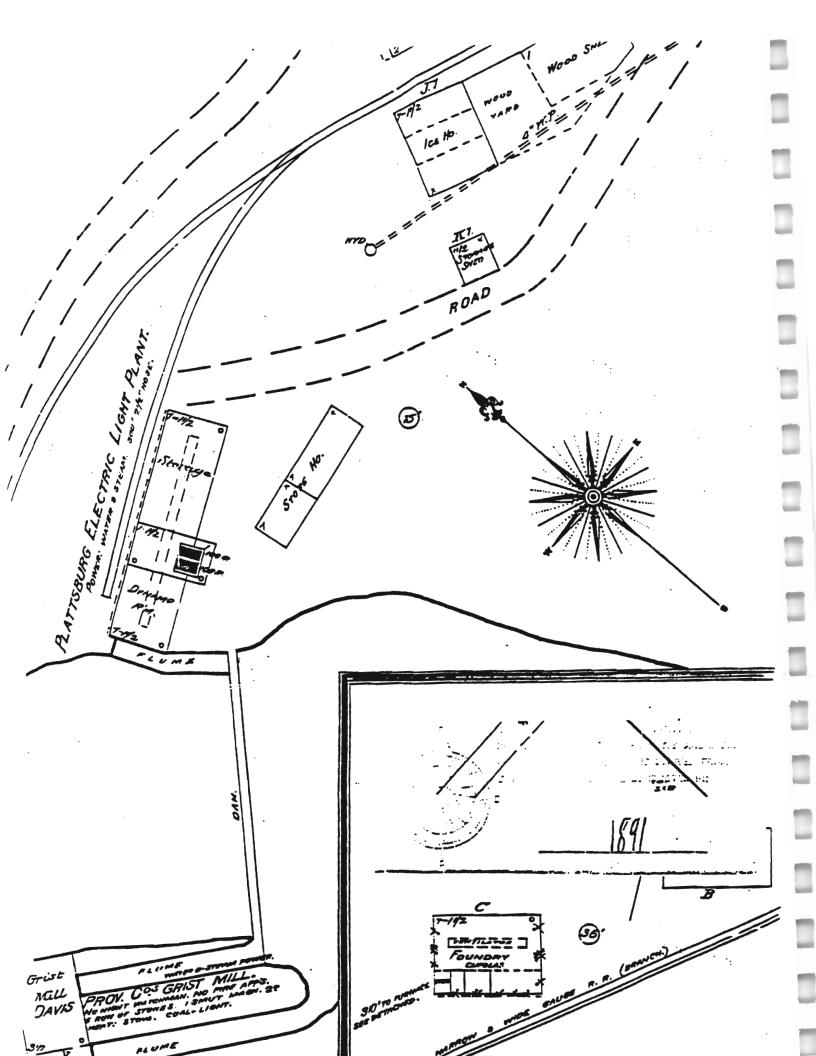




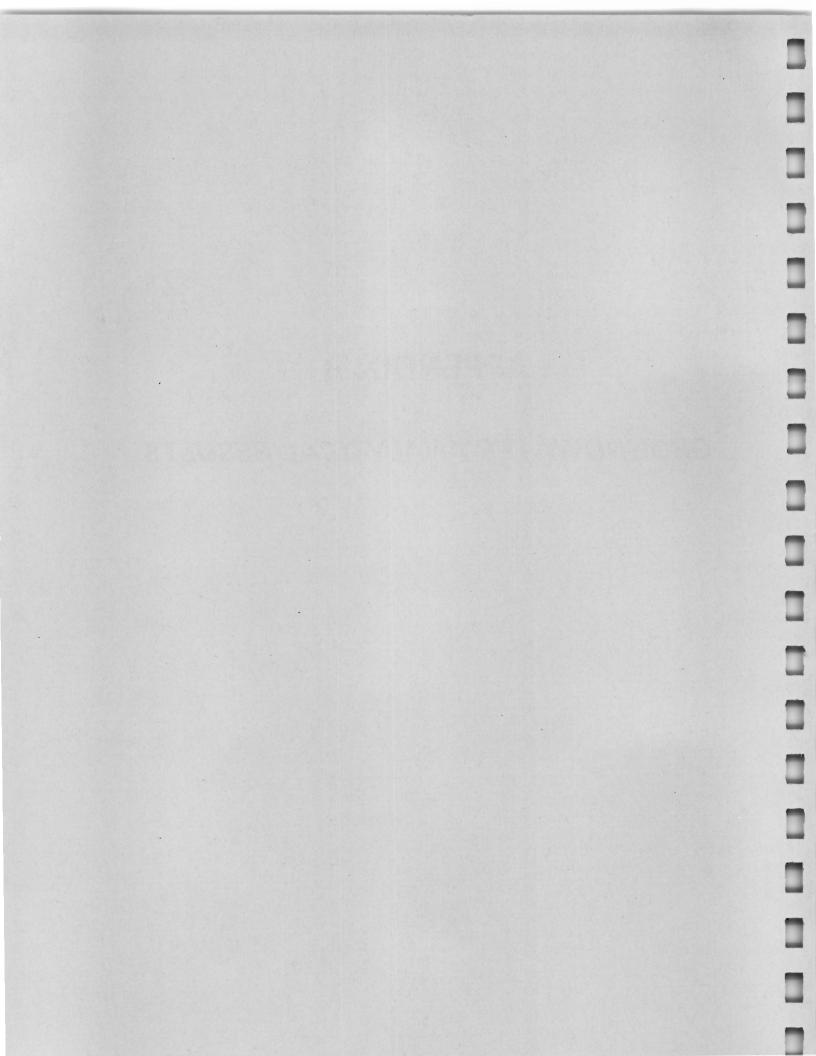








# **APPENDIX B GROUNDWATER ANALYTICAL RESULTS**





6801 Kirtrville Road Post Office Box 546 E. Syracuss, N.Y. 13057 Tel: (315) 432-0506

Client: MYSES

Task Number: 84110906

Location: PLATTSBURGH COAL TAR SITE Date Sampled: 08-NOV-1984

Job Number: 64172

PARAMETER	WELL BY	NETT	IM METT	METT Th	SD METT	MELL 2d	WELL 2J	SON METT	WELL 30	34 WELL	3U WELL
BENZENE UG/L	4300	<b> 150</b>	24	<10	<b>5100</b>	~21 <b>,000</b>	18,000	8900	58	90	4900
P-XYLENE UG/L	69	33	25	13	720	290	500	750	33	29	21
M-XYLENE UG/L	76	21	21	<10	1200	520	940	1400	39	32	17
0-XYLENE UG/L	170	34	25	<10	1000	370	680	980	41	39	, <b>23</b>
1,3,5-TRI- METHYLBENZENE UG/L	490	⊴0	<10	<10	280	41	80	150	16	<10	<10
1,2,4-TRI- METHYLBENZENE UG/L	<10	<b>23</b> -	12	<10	1200	180	380	<b>710</b>	48	24	<b>16</b>
2,3 <del>-benzofuran</del> UG/L	<10	<b>△10</b>	<10	<10	<10	<b>55</b>	<10	<10	<10	<10	<10
NAPHTHALENE UG/L	180	370	310	76	14,000	4100	6600	11,000	1800	440	130
TOLLENE	110	<10	<10	<10	590	. 350	2500	830	55	12	<10
ETHYLBEVZENE MG/L	35	97	25	39	3200	2000	3500	5700	98	40	<10

(<) - Less Than

(>) - Greater Than NA - Not Applicable

ND - Not Detectable

NS - Not Specified

Footnotes: EPA METHOD 503.1

\*SAMPLE INTERFERENCE

Submitted by: Jan Hard Approved by: English Date: 11-JAN-1985

Page 9 of 10

## ENVIRONMENTAL LABORATORY

Project: Plattsbugh (cal Tor	(Las)									S	որի կոն	Sampling Date:	12/1/87	187	
Report To: 8 Looky		٥	Dept:	£ 1		-	Location:	'	K-1			Date:			
Copies To:											Charge No:	No:			
Sample Collector: CMS Staff	Staff					An I	Analyst(s):	:				-			
Remarks: (Kults expressed in mg/2	1r mg/	1	Url		PLISH8606	yb gan	λ								J
	le														
								PARAMETER	ETER						
SAMPLE	R. D	Q-0) (1-78)	1	(R-1)	CU-D (PED		MG-D	(1-01W (1-9W	(1-NW	(j-10/	Q-N2	78-1			
)ित्रमक्षक।	30.5	100	50.0>	(0.0)	<0.03	10.5	70000>	23.6	2.70	Suns	0.0	10.6>			
PL6548602	20.5	1002	40,05 40.01		<00>	21.6	70000	14.0	1.38	0.05	20.0	10.07			
PLSH8603			500>	100>	500>	119	40007	23.8	203	90.0	14.0	16.0>			
PL65H8604	5.0>	<0.0>	10.05 20.07		<0.0>	7.12	700.07	18.3	בר.ב	900	0.03	100>			ĺ
plesh8605	<0.5	10.0>	100> 30.0>		<0.03	34.5	100'0>	23.6	1.07	cous	0.07	10.0>			
PLESHSBOG	1	ı	1	1	1	1	i	i	i	1	i	i			
Pleshebon	505	400	4000	<0.0>	40.03	0.81	4)LB ZOOOS	27.6	5.61	50.05	<0.01	10.07			
PL6548609	<b>9.6</b>	100>	Saos		<0.0>	5.13	<0.0002	25.b	1.54	50.0>	10.00	1007			
५०१३५५भे त	40.5	40.5 40.01	500>	100>	<0.03	3.60	(00007 13.0	13.0	0.57	100> 500>		<0.01			
PL6-5H8610	40.5	10.02	20.02 10.05	10.07	<0.03	23.4	40.000 L	3,25	0.64	<0.05	0.07	100>			
	1												-		

8 で (1 1 名 Sampling Date: (2 1) 名 Baye 上 of 上 of 上 Report Date: (2 1) 名 (2 1

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				<u> </u> 		<u>                                      </u>				<u> </u> 							-		<u> </u>	    	<u> </u> 	
						<u> </u>	<u> </u>		İ			_								<u> </u>	<u> </u>	<u> </u> 
~								Ì						:						1	 	<u> </u>
<b>PARAMETER</b>																					:	
PAR																						
	CD	74.0	0.87	0.64	69.0	2.0	1	0.73	0,47	51.0	01.0										l I	
	68-	175	597	3	243	519	1	324	469		878											
	- 50)	843	521	181	919	414	i	280	989	214	679											
	SOH - 105-		16	Oh9	44	32	1		8		8											
	PZ	o:1>	حاه	2.15	<1.0	۲۱.۵	ı	< 1.0	0.1>	۷٬۱۶	41.6											
	PNF	9.9	7.0	6-3	6.9	1-1	1	1.4	14	11	7.3											
	LE																					-
	SAMPLE	1078	7078	8103	6004	20,	9098	L09	\$ 093	809	0 199								7:		· .	
		PLESH8101	709845979	A 6548403	न्त्रिप्र <b>४६०</b> ५	PLASHEROS	ALSH8606	PLESHEW	PU6548609	PL65H8609	PLESH8610										· ·	

			•				
	CONTRACTOR:						400
	REPORT TO: B Looky						
	ANALYST ID:						
SAM	PLE/RECEIVED: 17/157		VOL	ATILE ORGANICS AND	ALYSIS		
<b>UNALYS</b>	IS COMPLETED: 12 8/57			BY EPA METHOD 6	24		
	RESULIS IN: 144/L	•		- Data Report	_		-
	RESULIS IN:			- Data Report			
	LOCATION	PLESH8609	PLESHSWO			1	
	COMPOUND						
	Chloromethane	<10	< 100				
	Bromomethane						
	Vinyl chloride						
	Chloroethane	45	485				
	Methylene chloride Acetone	4.5 7	107		<del></del>		
	Carbon disulfide	<del>-61</del>	<50				-
	1,1-Dichloroethene	1		<del></del>			
	1,1-Dichloroethane						
	trans-1,2-Dichloroethene						
	Chloroform						
	1,2-Dichloroethane	-(10	4				
	2-Butanone	410	<del>2180</del> 250				-
	l,l,l-Trichloroethane Carbon tetrachloride	<u>&lt; 5</u>	- 30				200
	Vinyl acetate	<10	Z100				
	Bromodichloromethane	<5	<50				-
	1,2-Dichloropropane						
	trans-1,3-Dichloropropene						
	Trichloroethene						
	Dibromochloromethane		-				
	1,1,2-Trichloroethane Benzene	25	11 5				
	cis-1,3-Dichloropropene	<u> </u>	<50	-			
	2-Chloroethyl vinyl ether	<10	<100				. 1
	Bromoform	45	<b>450</b>				- 1
	2-Hexanone	<10	< 50				
	4-Methyl-2-pentanone	<u>داع</u>	200				
	Tetrachloroethene	<u>&lt;5</u>	<50				4
	1,1,2,2-Tetrachloroethane	3.3 3	115				
	Toluene Chlorobenzene	25	<50		<del></del>		
	Ethylbenzene	3.35	125		· · · · · · · · · · · · · · · · · · ·		1
P	Styrene	« S	455				
	Total xylenes	19					

4	CONTRACTOR:					
	REPORT TO: B LCdcy					
7	ANALYST ID: JAC	· · · · · · · · · · · · · · · · · · ·				
SAM	PLE/RECEIVED: 12/1/3		Ve	OLATILE ORGANICS A	NALYSIS	
LYS	IS COMPLETED: 12/8/87			BY EPA METHOD	624	
-	RESULTS IN: 113/2			- Data Report	: • ·	
		<u>.</u>		· .		
7	LOCATION	BAL	PLGSH8601	PLESHSEDZ	6098HS97d	
				;	·:	
	COMPOUND					
	Chloromethane	<10	<100_	<100	<100	
	Bromomethane					
-	Vinyl chloride		. ———	<del></del>	. —	
	Chloroethane	<del>2</del> 5	<del>250</del>	<del>450</del>	<u> </u>	
100	Methylene chloride Acetone	<del>23</del> <del>210</del>	<100	156		
L	Carbon disulfide	= 10	<del>250</del>	<u> 150</u>	112 250	
	1,1-Dichloroethene		<u> </u>		<u> </u>	
	1,1-Dichloroethane					
1	trans-1,2-Dichloroethene					
	Chloroform	<del></del>				
200	1,2-Dichloroethane	<b>—</b>				
L	2-Butanone	<10	<u> </u>	<100	< 00	
	1,1,1-Trichloroethane	<5	<50	<:50	<50	
2070	Carbon terrachloride		4		-	
	Vinyl acetate	<10	<120	<100 <50	<100	
1000	Bromodichloromethane	45	<50	<50	<50	
_	1,2-Dichloropropane					
	trans-1,3-Dichloropropene				-	
-	Trichloroethene	<del></del>		<del></del>		
-	Dibromochloromethane		4-	<del></del>		
L.	1,1,2-Trichloroethane Benzene		2840	1610	363	
	cis-1,3-Dichloropropene	<del>**</del>	<u> </u>	<50	<u> </u>	
-	2-Chloroethyl vinyl ether		<1720	<150	∠P0	
14	Bromoform	210	<50	250	<50	
	2-Hexanone	<10	<10	C 130	4100	
677	4-Methyl-2-pentanone	c10	450	< 150	<100 <50	•
	Terrachloroethene	<10 <5		<50		
	1,1,2,2-Tetrachloroethane		<del>+</del>	<u> </u>		
077	Toluene	!	340	_178	70	
	Chlorobenzene		<50 0646	<u> &lt;50</u>	<50	`\
	Erhylbenzene	<del></del>	2545	1380	591	
177	Styrene Total xylenes		<u> </u>	<50 1620	362	
- Contract	IULAL AYIENES	<u> </u>	<u> </u>	1020		
			760	4787	120	Ditt

	CONTRACTOR:					100
:	REPORT TO: B LOOKY				:	
	ANALYST ID: JAL				:	-
	ANALISI ID: OILO					
SAM	PLE/RECEIVED: 12/19		· <u>vo</u>	LATTLE ORGANICS A	NALYSIS	
ANALYS	IS COMPLETED: 12/5/97			BY EPA METHOD	624	
	- 10					
	RESULTS IN:			- Data Report	: <b>-</b>	
	, , , , , , , , , , , , , , , , , , ,					-
	LOCATION	PLESHED4	PL6>H8605	PLGSH9607	PLESHBOOS	
			:			
	coursell The		•	:	•	
	COMPOUND					
	Chloromethane	<150	<100	4100	<100_	
	Bromomethane	1		i		
	Vinyl chloride			-		
	Chloroethane	1	7		-	
	Methylene chloride	<50	<b>455</b>	<50	<ro.< td=""><td></td></ro.<>	
	Acetone	(6)	126	101	<100	- 1
	Carbon disulfide	<50	<50	< 50	450	
	1,1-Dichloroethene					
	1,1-Dichloroethane					
	trans-1,2-Dichloroethene					,
	Chloroform					
	1,2-Dichloroethane	4	4	<100		
	2-Butanone	<100 <50	<u> </u>	<del>2100</del>	<u> </u>	1
	1,1,1-Trichloroethane Carbon tetrachloride	- 270	- (3)	- 1	250	
	Vinyl acetate	<100	<100	<100	<100	
	Bromodichloromethane	<50	<50	250	240	
	1,2-Dichloropropane	<u> </u>	· · · · · · · · · · · · · · · · · · ·			
	trans-1,3-Dichloropropene					
	Trichloroethene					
	Dibromochloromethane					
	1,1,2-Trichloroethane		-	4	4	
	Benzene	433	1242	795	106	
	cis-1,3-Dichloropropene	<50	<b>450</b>	<u>&lt;50</u>	250	
	2-Chloroethyl vinyl ether	<u>&lt;150</u>	< 100	400	<u>&lt;130</u>	
	Bromoform	< 50	450	<50	<100 <100	
	2-Hexanone	<100	4100	<100	2130	
	4-Methyl-2-pentanone	< 100 = 50	< 100	<u> &lt;100</u>	<u> </u>	
	Tetrachloroethene	~55	- 10	<u> 450</u>	<50	
	1,1,2,2-Tetrachloroethane Toluene	₹50	35	46.5	138	
	Chlorobenzene	< 5.0	<del>150</del> <del>1</del>	<del>√50</del>	450	
	Ethylbenzene	365	573	353	637	
	Styrene	<del>-&lt;5</del> 5	455	×50	<50	•
	Total xylenes	475	586	355	410	

; :

<u> </u>
1540 210 37
32 26 28 28 28 30 40 715 40 224 715 410

<sup>&#</sup>x27;alyzed as diphenylamine.

CONTRACTOR:			
REPORT TO: B Looky			
ANALYST ID: JAL		STRAIL DV OF	
ANALISI ID: JRC	<del></del>	SUMMARY OF	1
SAMPLE/RECEIVED: PL65H8603 1	2/1 OF	RGANIC PRIORITY POLLUTANT ANALYSIS	-
ANALYSIS COMPLETED: 12/31/27		BY EPA METHOD 625	1
RESULIS IN: 145/L		- Data Report -	1
ACID COMPOUNDS		BASE/NEUTRAL COMPOUNDS	
21A 2,4,6-Trichlorophenol	<50 413	4-Bromophenyl phenyl ether	ם "
22A p-Chloro-m-cresol	< 10 428		1
24A 2-Chlorophenol	438	Bis(2-chloroethoxy)methane	
31A 2,4-Dichlorophenol	528	Hexachlorobutadiene	
34A 2,4-Dimethylphenol	538	Hexachlorocyclopentadiene	
. 57A 2-Nitrophenol	<50 548	Isophorone	
58A 4-Nicrophenol	558	Naphthalene 50	
59A 2,4-Dinitrophenol	568	Mitrobenzene < \( \)	)
60A 4,6-Dinitor-o-cresol	618	n-Nitrosodimethylamine	
64A Pentachlorophenol	628	n-Nitrosodiphenylamine	
65A Phenol	<10 638	n-Nitrosodi-n-propylamine	
	66B	Bis(2-ethylhexyl)phthalate	
BASE/NEUTRAL COMPOUNDS	67B	Buryl benzyl phthalate < 10	,
	688	Di-n-buryl phthalate	
1B Acenaphthene	85 698	Di-n-octyl phthalate	
•	< 80 708	Diethyl phthalare <10	
•	< 10 713	Dimethyl phthalate	
9B Hexachlorobenzene	728	Benzo(a)anthracene	الج
12B Hexachloroethane		penzo(a)pyrene	<u> </u>
18B Bis(2-chloroethyl)ether _	748		
20B 2-Chloronaphthalene	75B	Benzo(k)fluoranthene	5
25B 1,2-Dichlorobenzene	768	The state of the s	
26B 1,3-Dichlorobenzene			
278 1,4-Dichlorobenzene	783 < 20 798	Anthracene  Benzo(ghi)perylene	
	<no 808<="" th=""><th></th><th>. 7</th></no>		. 7
35B 2,4-Dinitrotoluene 36B 2,6-Dinitrotoluene	818	Phenanthrene C	
37B 1,2-Diphenylhydrazine		Dibenzo(a,h)anthracene	
378 I,2-Diphenyinydrazine  398 Fluoranthene	<del>4</del> 828 18 838	Ideno(1,2,3-cd)pyrene <10	
40B 4-Chlorophenyl		Pyrene 25	
	< 10	ry tene	
phenyl echer			

alyzed as diphenylamine.

	CONT	TRACTOR:				
aid.	REI	PORT TO: B. Lady				
					SUMMARY OF	:
	ANALYSI ID: JK					
SAM	PLE/RI	CEIVED: PL6548604	7/1	OR	GANIC PRIORITY POLLUTANT ANAL	YSIS
ANALYS	IS CON	PLETED: 12/3/47			BY EPA METHOD 625	
	RESU	ILIS IN: ING			- Data Report -	
		ACID COMPOUNDS			BASE/NEUTRAL COMPO	UNDS
7	21A	2,4,6-Trichlorophenol	<50	418	4-Bromophenyl phenyl ether	< 10
	22A	p-Chloro-m-cresol	< 10	42B	Bis(2-chloroisopropy1)ether	
	24A	2-Chlorophenol		43B	Bis(2-chloroethoxy)methane	
177	314	2,4-Dichlorophenol		528	Hexachlorobutadiene	1
	34A	2,4-Dimethylphenol	+	53B	Hexachlorocyclopentadiene	
	. 57A	2-Nitrophenol	< 50	548	Isophorone	<u> </u>
	58A	4-Nicrophenol		55B	Naphthalene	257
	59A	2,4-Dinitrophenol		56B	Nitrobenzene	< 10
-	60A	4,6-Dinitor-o-cresol		61B	n-Nitrosodimethylamine	
-	64A	Pentachlorophenol	<del>-</del>	628	n-Nitrosodiphenylamine	
	65A	Phenol	< 70	63 <b>B</b>	n-Nitroscdi-n-propylamine	<b>—</b>
linear		•		66B	Bis(2-ethylhexyl)phthalate	376
		BASE/NEUTRAL COMPOUNDS		67 <b>B</b>	Buryl benzyl phthalate	<0
			_	68B	Di-n-bucyl phthalate	95
See .	13	Acenaphthene	3	69B	Di-n-octyl phthalate	33
	5 <b>B</b>	Benzidine	< 80	70 <b>B</b>	Diethyl phthalate	< 10
17	8 <b>B</b>	1,2,4-Trichlorobenzene	< 10	713	Dimethyl phthalate	
	9B	Hexachlorobenzene		723	Benzo(a)anthracene	
	123	Hexachloroethane		738	Benzo(a)pyrene	
677	188	Bis(2-chloroethyl)ether		748	Benzo(b)fluoranthene	
	20 <b>B</b>	2-Chloronaphthalene		75B	Benzo(k)fluoranthene	
	25B	1,2-Dichlorobenzene		768	Chrysene	
1000	26 <b>B</b>	1,3-Dichlorobenzene		77 <b>B</b>	Acenaphthylene	
	27 <b>B</b>	1,4-Dichlorobenzene	-	78B	Anthracene	
100	28B	3,3-Dichlorobenzidine	< 20	798	Benzo(ghi)perylene	<b>*</b>
	35 <b>B</b>	2,4-Dinitrotoluene	< 10	808	Fluorene	19
	36 <b>B</b>	2,6-Dinitrotoluene		818	Phenanthrene	< 10
- Spinster	37 <b>B</b>	1,2-Diphenylhydrazine		82B	Dibenzo(a,h)anthracene	
10000	39B	Fluoranthene		838	Ideno(1,2,3-cd)pyrene	
	40B	4-Chlorophenyl		848	Pyrene	4
- Share		phenyl echer	4			

halyzed as diphenylamine.

CONTRACTOR:	
REPORT TO: BLOSKY	
ANALYST ID: X	SUMMARY OF
211 211 21 2 1 1	
SAMPLE/RECEIVED: PL65H8605 12	ORGANIC PRIORITY POLLUTANT ANALYSIS
NALYSIS COMPLETED: 12 31 87	BY EPA METHOD 625
RESULTS IN: MA / C	- Data Report -
ACID COMPOUNDS	BASE/NEUTRAL COMPOUNDS
21A 2,4,6-Trichlorophenol <50	41B 4-Bromophenyl phenyl ether <10
22A p-Chloro-m-cresol < 10	42B Bis(2-chloroisopropyl)echer
24A 2-Chlorophenol	43B Bis(2-chloroethoxy)methane
31A 2,4-Dichlorophenol	52B Hexachlorobutadiene
34A 2,4-Dimethylphenol	53B Hexachlorocyclopentadiene
57A 2-Nitrophenol <50	54B Isophorone
58A 4-Nicrophenol	55B Naphthalene 1470
59A 2,4-Dinitrophenol	56B Nitrobenzene <10
60A 4,6-Dinitor-o-cresol	61B n-Nitrosodimethylamine
64A Pentachlorophenol	628 n-Nitrosodiphenylamine
65A Phenol <\0	63B n-Nitrosodi-n-propylamine
	66B Bis(2-echylhexyl)phthalate 607
BASE/NEUTRAL COMPOUNDS	67B Buryl benzyl phthalate < 0
18 Acenaphthene 52	68B Di-n-buryl phthalace
	69B Di-n-octyl phthalace
	70B Diethyl phthalare <10
8B 1,2,4-Trichlorobenzene <1D	71B Dimethyl phthalace 72B Benzo(a)anthracene 34
9B Hexachlorobenzene	
12B Hexachloroethane	
18B Bis(2-chloroethyl)ether	748 Benzo(b) fluoranthene 31 < 10
20B 2-Chloronaphthalene	768 Chrysene 31
25B 1,2-Dichlorobenzene 26B 1,3-Dichlorobenzene	77B Acenaphthylene 30
27B 1,4-Dichlorobenzene	788 Anthracene 49
28B 3,3-Dichlorobenzidine <20	79B Benzo(ghi)perylene
35B 2,4-Dinitrotoluene <\U	80B Fluorene 194
36B 2,6-Dinitrotoluene	81B Phenanthrene 49
37B 1,2-Diphenylhydrazine	828 Dibenzo(a,h)anthracene <10
39B Fluoranthene 61	83B Ideno(1,2,3-cd)pyrene (O
40B 4-Chlorophenyl	84B Pyrene 98

alyzed as diphenylamine.

Collection Date	Sample Id	Notation	Concentration	Units	Parameter
9/24/92	PLGDSH8601		-1		VOLATILE ORGANIC VAPORS
9/24/92	PLGDSH8601		.0006		MERCURY, DISSOLVED
9/24/92	PLGDSH8601		.45		CYANIDE, AMENABLE
9/24/92	PLGDSH8601	٠.	.45		CYANIDE, TOTAL
9/24/92	PLGDSH8601		.65		MANGENESE, DISSOLVED
9/24/92	PLGDSH8601		1.01		FLOURIDE
9/24/92	PLGDSH8601		1150		CONDUCTIVITY
9/24/92	PLGDSH8601		1370		ETHYLBENZENE
9/24/92	PLGDSH8601		14.7		TEMPERATURE-CENTIGRADE (DEGREES C.)
9/24/92	PLGDSH8601	l .	19.8	'	MAGNESIUM, DISSOLVED
9/24/92	PLGDSH8601	l .	269		TOTAL SUSPENDED SOLIDS (NON-FILTERABL
9/24/92	PLGDSH8601	l	32.7		IRON, DISSOLVED
9/24/92	PLGDSH8801		35		TOLUENE
9/24/92	PLGDSH8601		37.6	·	SULFATE
9/24/92	PLGDSH8601		4		TURBIDITY
9/24/92	PLGDSH8601		540		TOTAL XYLENES
9/24/92	PLGDSH8601		6.5		PH-FIELD
9/24/92	PLGDSH8601		624		TOTAL DISSOLVED SOLIDS(FILTERABLE RESI
9/24/92	PLGDSH8601		852		BENZENE
9/24/92	PLGDSH8601	LT	0.01		BERYLLIUM, DISSOLVED
9/24/92	PLGDSH8601	LT	0.01		COPPER, DISSOLVED
9/24/92	PLGDSH8601	LT	0.01		ZINC, DISSOLVED
9/24/92	PLGDSH8601	LT	0.02		NICKEL, DISSOLVED
9/24/92	PLGDSH8601	LT	0.05		CHROMIUM, DISSOLVED
9/24/92	PLGDSH8601	LŤ	0.05		COBALT, DISSOLVED
9/24/92	PLGDSH8601	LT	0.08		ALUMINUM, DISSOLVED
9/24/92	PLGDSH8605		-1		VOLATILE ORGANIC VAPORS
9/24/92	PLGDSH8605		.48		FLOURIDE
9/24/92	PLGDSH8605		.8		MANGENESE, DISSOLVED
9/24/92	PLGDSH8605		1.7		CYANIDE, AMENABLE
9/24/92	PLGDSH8605		1.7		CYANIDE, TOTAL
9/24/92	PLGDSH8605		1280		CONDUCTIVITY
9/24/92	PLGDSH8605		15		TEMPERATURE-CENTIGRADE (DEGREES C.)
9/24/92	PLGDSH8605		16		IRON, DISSOLVED
9/24/92	PLGDSH8605	1	22		TURBIDITY
9/24/92	PLGDSH8605		24.2		MAGNESIUM, DISSOLVED
9/24/92	PLGDSH8605		327		TOTAL XYLENES
9/24/92	PLGDSH8605		361		ETHYLBENZENE
9/24/92	PLGDSH8605	•	40.6		TOLUENE
9/24/92	PLGDSH8605		42.1		SULFATE
	PLGDSH8605		6.6		PH-FIELD
9/24/92	PLGDSH8605		651		BENZENE
9/24/92	PLGDSH8605		734	l	TOTAL DISSOLVED SOLIDS(FILTERABLE RESI
9/24/92	PLGDSH8605		90		TOTAL SUSPENDED SOLIDS (NON-FILTERABL
9/24/92	PLGDSH8605	LT	0.0002		MERCURY, DISSOLVED
9/24/92	PLGDSH8605	LT	0.01		BERYLLIUM, DISSOLVED
9/24/92	PLGDSH8605	LT	0.01		COPPER,DISSOLVED
9/24/92	PLGDSH8605	LT	0.01		ZINC,DISSOLVED
9/24/92	PLGDSH8605	LT	0.02	l	NICKEL, DISSOLVED
9/24/92	PLGDSH8605	ĹΤ	0.04		ALUMINUM, DISSOLVED
9/24/92	PLGDSH8605	LT	0.05		CHROMIUM, DISSOLVED
9/24/92	PLGDSH8605	LT	0.05		COBALT, DISSOLVED
9/24/92	PLGDSH8605	LŤ	0.08		LEAD, DISSOLVED
			J		

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Collection Date	Sample Id	Notation	Concentration	Units	Parameter
9/24/92	PLGDSH9008		3850		CONDUCTIVITY
9/24/92	PLGDSH9008	1	6.9	1	PH-FIELD
9/24/92	PLGDSH9008	i	8.94	i	IRON, DISSOLVED
9/24/92	PLGDSH9008	ı	80	1	TURBIDITY
9/24/92	PLGDSH9008	LT	0.0002	j	MERCURY, DISSOLVED
9/24/92	PLGDSH9008	LT	0.01		BERYLLIUM, DISSOLVED
9/24/92	PLGDSH9008	LT	0.01		ZINC,DISSOLVED
9/24/92	PLGDSH9008	LT	0.02		NICKEL, DISSOLVED
9/24/92	PLGDSH9008	LT	0.04		ALUMINUM, DISSOLVED
9/24/92	PLGDSH9008	LT	0.05	i	CHROMIUM, DISSOLVED
9/24/92	PLGDSH9008	LŢ	0.05	I	COBALT, DISSOLVED
9/24/92	PLGDSH9008	LT	0.08		LEAD, DISSOLVED
9/24/92	PLGDSH9008	LT	0.2		BENZENE
9/24/92	PLGDSH9008	LT	0.2		ETHYLBENZENE
9/24/92	PLGDSH9008	LT	0.2		FLOURIDE
9/24/92		LT	0.2		TOLUENE
9/24/92	PLGDSH9008	LT	0.2		TOTAL XYLENES
9/24/92	PLGDSH9012		-1		VOLATILE ORGANIC VAPORS
9/24/92	PLGDSH9012		4	I	TOLUENE CYANIDE AMENABLE
9/24/92	PLGDSH9012		.26 .26		CYANIDE, AMENABLE CYANIDE, TOTAL
9/24/92	PLGDSH9012			I	SULFATE
9/24/92	PLGDSH9012		1.1		
9/24/92	PLGDSH9012		1.14		MANGENESE, DISSOLVED
9/24/92	PLGDSH9012		1090		TURBIDITY TEMPERATURE-CENTIGRADE (DEGREES C.)
9/24/92	PLGDSH9012		14.2 1435		• • • • • • • • • • • • • • • • • • • •
9/24/92	PLGDSH9012				CONDUCTIVITY TOTAL SUSPENDED SOLIDS (NON-FILTERAB
9/24/92	PLGDSH9012		1784		MAGNESIUM, DISSOLVED
9/24/92	PLGDSH9012		20.9		IRON, DISSOLVED
9/24/92	PLGDSH9012 PLGDSH9012		22.5 329		TOTAL XYLENES
9/24/92	PLGDSH9012 PLGDSH9012		522		ETHYLBENZENE
9/24/92 9/24/92	PLGDSH9012		6.8		PH-FIELD
9/24/92	PLGDSH9012		754		TOTAL DISSOLVED SOLIDS(FILTERABLE RESI
9/24/92	PLGDSH9012		77.2		BENZENE
9/24/92	PLGDSH9012	LT	0.0002		MERCURY, DISSOLVED
9/24/92	PLGDSH9012	LT	0.01		BERYLLIUM, DISSOLVED
9/24/92		LT	0.01		COPPER,DISSOLVED
9/24/92	PLGDSH9012	LT	0.01		ZINC.DISSOLVED
8/24/92	PLGDSH9012	LT	0.02		NICKEL, DISSOLVED
9/24/92	PLGDSH9012		0.04		ALUMINUM, DISSOLVED
9/24/92	PLGDSH9012	LT	0.05		CHROMIUM, DISSOLVED
9/24/92	PLGDSH9012	LT	0.05		COEALT, DISSOLVED
9/24/92	PLGDSH9012		0.08		LEAD, DISSOLVED
9/24/92	PLGDSH9012	LT	0.2		FLOURIDE
	PLGUSH9001		-1		VOLATILE ORGANIC VAPORS
	PLGUSH9001		.014		COPPER, DISSOLVED
9/24/92	PLGUSH9001		.032		MANGENESE, DISSOLVED
	PLGUSH9001		.037		IRON, DISSOLVED
	PLGUSH9001		1.06		FLOURIDE
	PLGUSH9001		12.5		TEMPERATURE-CENTIGRADE (DEGREES C.)
9/24/92	PLGUSH9001		1430		TURBIDITY
9/24/92	PLGUSH9001		151		SULFATE
9/24/92	PLGUSH9001		429		TOTAL DISSOLVED SOLIDS(FILTERABLE RESI
9/24/92	PLGUSH9001		52.9		MAGNESIUM, DISSOLVED
9/24/92	PLGUSH9001		565		CONDUCTIVITY
9/24/92	PLGUSH9001	l	801		TOTAL SUSPENDED SOLIDS (NON-FILTERAB
9/24/92	PLGUSH9001	LT	0.0002		MERCURY, DISSOLVED
9/24/92	PLGUSH9001	LT	0.01		BERYLLIUM, DISSOLVED

Collection Date	Sample id	Notation	Concentration	Units	Parameter
9/24/92	PLGDSH9003		-1		VOLATILE ORGANIC VAPORS
9/24/92	PLGDSH9004		-1		VOLATILE ORGANIC VAPORS
9/24/92	PLGDSH9004		.05		CYANIDE, AMENABLE
9/24/92	PLGDSH9004		.05		CYANIDE, TOTAL
9/24/92	PLGDSH9004		.4		TOTAL XYLENES
0/24/92	PLGDSH9004		.68		MANGENESE, DISSOLVED
9/24/92	PLGDSH9004		.9		ETHYLBENZENE
9/24/92	PLGDSH9004		1.9		IRON, DISSOLVED
9/24/92	PLGDSH9004		11.7		TEMPERATURE-CENTIGRADE (DEGREES C.)
9/24/92	PLGDSH9004		1155		CONDUCTIVITY
9/24/92	PLGDSH9004		202		SULFATE
	PLGDSH9004		49.5		MAGNESIUM, DISSOLVED
9/24/92	PLGDSH9004		630		TURBIDITY
9/24/92			7.1		PH-FIELD
9/24/92	PLGDSH9004		7.1 762		TOTAL DISSOLVED SOLIDS(FILTERABLE RESI
9/24/92	PLGDSH9004				TOTAL SUSPENDED SOLIDS (NON-FILTERAB
9/24/92	PLGDSH9004	'	836		MERCURY, DISSOLVED
9/24/92		LT	0.0002		
9/24/92		LT	0.01		BERYLLIUM, DISSOLVED
9/24/92		LT	0.01		COPPER, DISSOLVED
9/24/92		LT	0.01		ZINC,DISSOLVED
9/24/92		LT	0.02		NICKEL, DISSOLVED
9/24/92	PLGDSH9004	LT	0.04		ALUMINUM, DISSOLVED
9/24/92	PLGDSH9004	LT	0.05		CHROMIUM, DISSOLVED
9/24/92		LT	0.05		COBALT, DISSOLVED
9/24/92		LT	0.08		LEAD, DISSOLVED
9/24/92		LT	0.2		BENZENE
0/24/92		LT	0.2		FLOURIDE
9/24/92		ĹŤ	0.2		TOLUENE
9/24/92	PLGDSH9005		-1	l	VOLATILE ORGANIC VAPORS
9/24/92	PLGDSH9005		.024		COPPER, DISSOLVED
	PLGDSH9005		.12		ALUMINUM, DISSOLVED
9/24/92	PLGDSH9005		.2		ETHYLBENZENE
9/24/92			.9		TOTAL XYLENES
9/24/92	PLGDSH9005		10.2		
9/24/92	PLGDSH9005				IRON, DISSOLVED
9/24/92	PLGDSH9005		1340		TURBIDITY
9/24/92	PLGDSH9005		14.3		TEMPERATURE-CENTIGRADE (DEGREES C.)
9/24/92	PLGDSH9005		2		BENZENE
9/24/92	PLGDSH9005		2320		SULFATE
9/24/92	PLGDSH9005		2784		TOTAL SUSPENDED SOLIDS (NON-FILTERAB
9/24/92	PLGDSH9005		43		CYANIDE, AMENABLE
9/24/92	PLGDSH9005		43		CYANIDE, TOTAL
9/24/92	PLGDSH9005		4330		TOTAL DISSOLVED SOLIDS(FILTERABLE RESI
9/24/92	PLGDSH9005		4600		CONDUCTIVITY
9/24/92	PLGDSH9005		6.8		PH-FIELD
9/24/92	PLGDSH9005	LT	0.01		BERYLLIUM, DISSOLVED
9/24/92		LT	0.05		COBALT, DISSOLVED
9/24/92		LT	0.2		FLOURIDE
9/24/92		LT	0.2		TOLUENE
9/24/92	PLGDSH9008		-1		VOLATILE ORGANIC VAPORS
	PLGDSH9008		.026		COPPER,DISSOLVED
9/24/92	PLGDSH9008		1.43	I	MANGENESE, DISSOLVED
9/24/92			14.8	l	TEMPERATURE-CENTIGRADE (DEGREES C.)
9/24/92	PLGDSH9008			I	TOTAL SUSPENDED SOLIDS (NON-FILTERAB
9/24/92	PLGDSH9008		172	I	
9/24/92	PLGDSH9008		186		MAGNESIUM, DISSOLVED
9/24/92	PLGDSH9008		1980	l	SULFATE
9/24/92	PLGDSH9008		32	1	CYANIDE, AMENABLE
					LOCAL VIDE TOTAL
9/24/92	PLGDSH9008 PLGDSH9008		32 3617		CYANIDE, TOTAL TOTAL DISSOLVED SOLIDS(FILTERABLE RESI

Collection Date   Sample Id   Notation   Concentration   Units   Parameter	Thursday, Februa	ary 22, 1996		AN	ISWER	Page 3/3	d
924/92 PLGUSH9001 LT 0.01 ZINC,DISSOLVED 924/92 PLGUSH9001 LT 0.02 NICKEL, DISSOLVED 924/92 PLGUSH9001 LT 0.05 NICKEL, DISSOLVED 924/92 PLGUSH9001 LT 0.05 CHROMIUM, DISSOLVED 924/92 PLGUSH9001 LT 0.05 CHROMIUM, DISSOLVED 924/92 PLGUSH9001 LT 0.06 CHROMIUM, DISSOLVED 924/92 PLGUSH9001 LT 0.08 LEAD, DISSOLVED 924/92 PLGUSH9001 LT 0.08 LEAD, DISSOLVED 924/92 PLGUSH9001 LT 0.08 ENZENE 924/92 PLGUSH9002 LT 0.2 TOLLENE 924/92 PLGUSH9002 -1 VOLATILE ORGANIC VAPORS 924/92 PLGUSH9002 J 0.98 NICKEL DISSOLVED 924/92 PLGUSH9002 A7 IRON, DISSOLVED 924/92 PLGUSH9002 J 11.3 TEMPERATURE-CENTIGRADE (DEGREES C.) 924/92 PLGUSH9002 S65 TOTAL DISSOLVED 924/92 PLGUSH9002 S65 TOTAL DISSOLVED 924/92 PLGUSH9002 S65 TOTAL DISSOLVED 924/92 PLGUSH9002 S61 TOTAL DISSOLVED 924/92 PLGUSH9002 TOTAL SUSPENDED SOLIDS (NON-FILTERAB CONDUCTIVITY 924/92 PLGUSH9002 LT 0.01 BERYLLIUM, DISSOLVED 924/92 PLGUSH9002 LT 0.01 COPPER, DISSOLVED 924/92 PLGUSH9002 LT 0.01 COPPER, DISSOLVED 924/92 PLGUSH9002 LT 0.01 COPPER, DISSOLVED 924/92 PLGUSH9002 LT 0.01 COPPER, DISSOLVED 924/92 PLGUSH9002 LT 0.01 COPPER, DISSOLVED 924/92 PLGUSH9002 LT 0.01 COPPER, DISSOLVED 924/92 PLGUSH9002 LT 0.01 CYANIDE, AMENABLE 924/92 PLGUSH9002 LT 0.01 ZINC, DISSOLVED 924/92 PLGUSH9002 LT 0.01 ZINC, DISSOLVED 924/92 PLGUSH9002 LT 0.01 ZINC, DISSOLVED 924/92 PLGUSH9002 LT 0.04 ALUMINUM, DISSOLVED 924/92 PLGUSH9002 LT 0.04 ALUMINUM, DISSOLVED PLAYBER 924/92 PLGUSH9002 LT 0.05 COBALT, DISSOLVED 924/92 PLGUSH9002 LT 0.05 COBALT, DISSOLVED 924/92 PLGUSH9002 LT 0.06 CHROMIUM, DISSOLVED 924/92 PLGUSH9002 LT 0.08 BENZENE 924/92 PLGUSH9002 LT 0.08 BENZENE 924/92 PLGUSH9002 LT 0.08 BENZENE 924/92 PLGUSH9002 LT 0.08 BENZENE 924/92 PLGUSH9002 LT 0.08 BENZENE 924/92 PLGUSH9002 LT 0.02 ETHYBENZENE	Collection Date	Sample id	Notation	Concentration	Units		
924/92 PLGUSH9001 LT 0.01 NICKEL DISSOLVED 924/92 PLGUSH9001 LT 0.05 NICKEL DISSOLVED 924/92 PLGUSH9001 LT 0.05 CHROMIUM, DISSOLVED 924/92 PLGUSH9001 LT 0.05 CCBALT, DISSOLVED 924/92 PLGUSH9001 LT 0.08 LEAD, DISSOLVED 924/92 PLGUSH9001 LT 0.2 BENZENE 924/92 PLGUSH9001 LT 0.2 TOLLENE 924/92 PLGUSH9002 LT 0.2 TOLLENE 924/92 PLGUSH9002 DIT 0.2 TOLLENE 924/92 PLGUSH9002 DIT 0.98 NICKEL DISSOLVED 924/92 PLGUSH9002 DIT 0.98 NICKEL DISSOLVED 924/92 PLGUSH9002 DIT 0.98 NICKEL DISSOLVED 924/92 PLGUSH9002 DIT 0.98 NICKEL DISSOLVED 924/92 PLGUSH9002 DIT 0.98 NICKEL DISSOLVED 924/92 PLGUSH9002 DIT 0.98 NICKEL DISSOLVED 924/92 PLGUSH9002 DIT 0.98 NICKEL DISSOLVED 924/92 PLGUSH9002 DIT 0.98 NICKEL DISSOLVED 924/92 PLGUSH9002 DIT 0.98 NICKEL DISSOLVED 924/92 PLGUSH9002 DIT 0.98 NICKEL DISSOLVED 924/92 PLGUSH9002 DIT 0.98 NICKEL DISSOLVED 924/92 PLGUSH9002 DIT 0.98 NICKEL DISSOLVED 924/92 PLGUSH9002 DIT 0.98 NICKEL DISSOLVED 924/92 PLGUSH9002 DIT 0.98 NICKEL DISSOLVED 924/92 PLGUSH9002 DIT 0.98 NICKEL DISSOLVED 924/92 PLGUSH9002 DIT 0.99 NICKEL DISSOLVED 924/92 PLGUSH9002 DIT 0.0002 DIT 0	9/24/92	PLGUSH9001					
924/92 PLGUSH9001 LT 0.02 NICKEL DISSOLVED 9/24/92 PLGUSH9001 LT 0.05 CHROMIUM, DISSOLVED 9/24/92 PLGUSH9001 LT 0.05 COBALT, DISSOLVED 9/24/92 PLGUSH9001 LT 0.08 LEAD, DISSOLVED 9/24/92 PLGUSH9001 LT 0.2 BENZENE 9/24/92 PLGUSH9001 LT 0.2 TOLUENE 9/24/92 PLGUSH9002 LT 0.2 TOLUENE 9/24/92 PLGUSH9002 LT 0.01 PLGUSH9002 PLGUSH9002 LT 0.01 PLGUSH9002 PLGUSH9002 LT 0.01 PLGUSH9002 PLGUSH9002 LT 0.01 PLGUSH9002 PLGUSH9002 LT 0.01 PLGUSH9002 PLGUSH9002 LT 0.01 PLGUSH9002 PLGUSH9002 LT 0.04 ALUMINUM, DISSOLVED PLGUSH9002 PLGUSH9002 LT 0.05 COPER, MERCURY, DISSOLVED PLGUSH9002 LT 0.05 COPER, MERCURY, DISSOLVED PLGUSH9002 LT 0.04 ALUMINUM, DISSOLVED PLGUSH9002 LT 0.05 COPER, MERCURY, DISSOLVED PLGUSH9002 LT 0.05 COPER, MERCURY, DISSOLVED PLGUSH9002 LT 0.05 COPER, MERCURY, DISSOLVED PLGUSH9002 LT 0.05 COPER, MERCURY, DISSOLVED PLGUSH9002 LT 0.05 COPER, MERCURY, DISSOLVED PLGUSH9002 LT 0.05 COPER, MERCURY, DISSOLVED PLGUSH9002 LT 0.05 COPER, MERCURY, DISSOLVED PLGUSH9002 LT 0.05 COPER, MERCURY, DISSOLVED PLGUSH9002 LT 0.05 PLGUSH9002 LT 0.05 PLGUSH9002 LT 0.05 PLGUSH9002 LT 0.06 PLGUSH9002 PLGUSH9002 LT 0.06 PLGUSH9002 PLGUSH9002 LT 0.06 PLGUSH9002 PLGUSH9002 LT 0.06 PLGUSH9002 PLGUSH9002 LT 0.05 PLGUSH9002 PLGUSH9002 PLGUSH9002 PLGUSH9002 PLGUSH9	9/24/92	PLGUSH9001					
9/24/92   PLGUSH9001   LT   0.02   NICKEL DISSOLVED     9/24/92   PLGUSH9001   LT   0.05   CHROMIUM, DISSOLVED     9/24/92   PLGUSH9001   LT   0.05   CHROMIUM, DISSOLVED     9/24/92   PLGUSH9001   LT   0.05   COBALT, DISSOLVED     9/24/92   PLGUSH9001   LT   0.2   BENZENE     9/24/92   PLGUSH9002   LT   0.2   TOLIZENE     9/24/92   PLGUSH9002   LT   0.05   TOLIZENE     9/24/92   PLGUSH9002   LT   0.01   TEMPERATURE-CENTIGRADE (DEGREES C.)     9/24/92   PLGUSH9002   S.7   TOLIZENE     9/24/92   PLGUSH9002   S.7   TOLIZENE     9/24/92   PLGUSH9002   S.7   TOLIZENE     9/24/92   PLGUSH9002   LT   0.01   TOLIZENE     9/24/92   PLGUSH9002   LT   0.01   TOLIZENE     9/24/92   PLGUSH9002   LT   0.01   TOLIZENE     9/24/92   PLGUSH9002   LT   0.01   COPPER, DISSOLVED     9/24/92   PLGUSH9002   LT   0.01   COPPER, DISSOLVED     9/24/92   PLGUSH9002   LT   0.01   COPPER, DISSOLVED     9/24/92   PLGUSH9002   LT   0.04   ALUMINUM, DISSOLVED     9/24/92   PLGUSH9002   LT   0.05   CORALT, DISSOLVED     9/24/92   PLGUSH9002   LT   0.05   CORALT, DISSOLVED     9/24/92   PLGUSH9002   LT   0.05   CORALT, DISSOLVED     9/24/92   PLGUSH9002   LT   0.05   CORALT, DISSOLVED     9/24/92   PLGUSH9002   LT   0.05   CORALT, DISSOLVED     9/24/92   PLGUSH9002   LT   0.05   CORALT, DISSOLVED     9/24/92   PLGUSH9002   LT   0.05   CORALT, DISSOLVED     9/24/92   PLGUSH9002   LT   0.05   CORALT, DISSOLVED     9/24/92   PLGUSH9002   LT   0.05   CORALT, DISSOLVED     9/24/92   PLGUSH9002   LT   0.05   CORALT, DISSOLVED     9/24/92   PLGUSH9002   LT   0.05   CORALT, DISSOLVED     9/24/92   PLGUSH9002   LT   0.05   CORALT, DISSOLVED     9/24/92   PLGUSH9002   LT   0.05   CO	9/24/92						
9/24/92 PLGUSH9001 LT 0.05 CHROMIUM, DISSOLVED 9/24/92 PLGUSH9001 LT 0.05 CHROMIUM, DISSOLVED 9/24/92 PLGUSH9001 LT 0.05 CHROMIUM, DISSOLVED 9/24/92 PLGUSH9001 LT 0.2 BENZENE 9/24/92 PLGUSH9001 LT 0.2 TOTAL XYLENES 9/24/92 PLGUSH9002 LT 0.2 TOTAL XYLENES 9/24/92 PLGUSH9002 LT 0.98 NICKEL, DISSOLVED 9/24/92 PLGUSH9002 LT 0.98 NICKEL, DISSOLVED 9/24/92 PLGUSH9002 LT 0.98 NICKEL, DISSOLVED 9/24/92 PLGUSH9002 LT 0.98 NICKEL, DISSOLVED 9/24/92 PLGUSH9002 LT 0.98 NICKEL, DISSOLVED 9/24/92 PLGUSH9002 LT 0.98 NICKEL, DISSOLVED 9/24/92 PLGUSH9002 LT 0.98 NICKEL, DISSOLVED 9/24/92 PLGUSH9002 LT 0.98 NICKEL, DISSOLVED 9/24/92 PLGUSH9002 LT 0.98 NICKEL, DISSOLVED 9/24/92 PLGUSH9002 S65 FLOURIDE 9/24/92 PLGUSH9002 S65 TOTAL DISSOLVED SOLIDS(FILTERABLE RESI 9/24/92 PLGUSH9002 S21 TOTAL DISSOLVED SOLIDS (NON-FILTERAB 9/24/92 PLGUSH9002 LT 0.0002 MERCURY, DISSOLVED 9/24/92 PLGUSH9002 LT 0.01 COPPER, DISSOLVED 9/24/92 PLGUSH9002 LT 0.01 COPPER, DISSOLVED 9/24/92 PLGUSH9002 LT 0.01 COPPER, DISSOLVED 9/24/92 PLGUSH9002 LT 0.01 ZINC, DISSOLVED 9/24/92 PLGUSH9002 LT 0.04 ALUMINUM, DISSOLVED 9/24/92 PLGUSH9002 LT 0.05 CHROMIUM, DISSOLVED 9/24/92 PLGUSH9002		PLGUSH9001		0.02			-
9/24/92 PLGUSH9001 LT 0.05 CHROMIUM, DISSOLVED 9/24/92 PLGUSH9001 LT 0.05 LEAD, DISSOLVED 9/24/92 PLGUSH9001 LT 0.2 BENZENE 9/24/92 PLGUSH9001 LT 0.2 TOLLIENE 9/24/92 PLGUSH9002 LT 0.2 TOLLIENE 9/24/92 PLGUSH9002 JC 1 TOLLIENE 9/24/92 PLGUSH9002 LT 0.2 TOLLIENE 9/24/92 PLGUSH9002 JC 1 TOLLIENE 9/24/92 PLGUSH9002 LT 0.001 BERYLLIUM, DISSOLVED 9/24/92 PLGUSH9002 LT 0.01 COPPER, DISSOLVED 9/24/92 PLGUSH9002 LT 0.01 COPPER, DISSOLVED 9/24/92 PLGUSH9002 LT 0.05 CHROMIUM, DISSOLVED 9/24/92 PLGUSH9002 LT 0.05 CHROMIUM, DISSOLVED 9/24/92 PLGUSH9002 LT 0.05 CHROMIUM, DISSOLVED 9/24/92 PLGUSH9002 LT 0.05 CHROMIUM, DISSOLVED 9/24/92 PLGUSH9002 LT 0.05 CHROMIUM, DISSOLVED 9/24/92 PLGUSH9002 LT 0.05 CHROMIUM, DISSOLVED 9/24/92 PLGUSH9002 LT 0.05 CHROMIUM, DISSOLVED 9/24/92 PLGUSH9002 LT 0.05 CHROMIUM, DISSOLVED 9/24/92 PLGUSH9002 LT 0.05 CHROMIUM, DISSOLVED 9/24/92 PLGUSH9002 LT 0.05 CHROMIUM, DISSOLVED 9/24/92 PLGUSH9002 LT 0.2 ETHYLEFIZENE 9/24/92 PLGUSH9002 LT 0.2 ETHYLEFIZENE 9/24/92 PLGUSH9002 LT 0.2 ETHYLEFIZENE 9/24/92 PLGUSH9002 LT 0.2 ETHYLEFIZENE 9/24/92 PLGUSH9002 LT 0.2 ETHYLEFIZENE 9/24/92 PLGUSH9002 LT 0.2 ETHYLEFIZENE 9/24/92 PLGUSH9002 LT 0.2 ETHYLEFIZENE		PLGUSH9001	ĽT			ALUMINUM, DISSOLVED	1
9/24/92 PLGUSH9001 LT 0.05 LEAD, DISSOLVED 9/24/92 PLGUSH9001 LT 0.2 BENZENE 9/24/92 PLGUSH9001 LT 0.2 TOLLIENE 9/24/92 PLGUSH9001 LT 0.2 TOLLIENE 9/24/92 PLGUSH9002 PLGUSH9002 9/24/92 PLGUSH9002 PLGUSH9002 9/24/92 PLGUSH9002 PLGUSH9002 9/24/92 PLGUSH9002 PLGUSH9002 9/24/92 PLGUSH9002 PLGUSH9002 9/24/92 PLGUSH9002 PLGUSH9002 9/24/92 PLGUSH9002 PLGUSH9002 9/24/92 PLGUSH9002 PLGUSH9002 9/24/92 PLGUSH9002 PLGUSH9002 9/24/92 PLGUSH9002 PLGUSH9002 PLGUSH9002 9/24/92 PLGUSH9002 PLGUSH9002 PLGUSH9002 PLGUSH9002 9/24/92 PLGUSH9002 LT 0.01 BERYLLIUM, DISSOLVED 9/24/92 PLGUSH9002 LT 0.01 COPPER, DISSOLVED 9/24/92 PLGUSH9002 LT 0.01 COPPER, DISSOLVED 9/24/92 PLGUSH9002 LT 0.01 COPPER, DISSOLVED 9/24/92 PLGUSH9002 LT 0.01 COPPER, DISSOLVED 9/24/92 PLGUSH9002 LT 0.01 COPPER, DISSOLVED 9/24/92 PLGUSH9002 LT 0.01 COPPER, DISSOLVED 9/24/92 PLGUSH9002 LT 0.04 ALUMINUM, DISSOLVED 9/24/92 PLGUSH9002 LT 0.05 COPALT, DISSOLVED 9/24/92 PLGUSH900		PLGUSH9001					-
9/24/92 PLGUSH9001 LT 0.2 TOLUENE 9/24/92 PLGUSH9001 LT 0.2 TOLUENE 9/24/92 PLGUSH9002 LT 0.2 TOLUENE 9/24/92 PLGUSH9002 LT 0.98 NICKEL DISSOLVED 9/24/92 PLGUSH9002 23 MANGEISE, DISSOLVED 9/24/92 PLGUSH9002 A7 IRON, DISSOLVED 9/24/92 PLGUSH9002 LT 0.98 MAGNESUM, DISSOLVED 9/24/92 PLGUSH9002 565 TOTAL DISSOLVED SOLIDS (FILTERABLE RESI 9/24/92 PLGUSH9002 FLGUSH9002 FLGUSH9002 SOLIDS (FILTERABLE RESI 9/24/92 PLGUSH9002 FLGUSH9002	PLGUSH9001	LT					
9/24/92 PLGUSH9001 LT 0.2 TOLUENE 9/24/92 PLGUSH9002 PLGUSH9002 .098 NICKEL, DISSOLVED 9/24/92 PLGUSH9002 PLGUSH9002 .23 MANGENESSE, DISSOLVED 9/24/92 PLGUSH9002 A7 RIGON, DISSOLVED 9/24/92 PLGUSH9002 .11.3 TEMPERATURE-CENTIGRADE (DEGREES C.) 9/24/92 PLGUSH9002 .22.8 MAGNESIUM, DISSOLVED 9/24/92 PLGUSH9002 .565 TOTAL DISSOLVED SOLIDS(FILTERABLE RESI) 9/24/92 PLGUSH9002 .63.3 SULFATE 9/24/92 PLGUSH9002 .521 TOTAL SUSPENDED SOLIDS (NON-FILTERABLE RESI) 9/24/92 PLGUSH9002 .17 0.0002 MERCURY, DISSOLVED 9/24/92 PLGUSH9002 .17 0.01 BERYLLIUM, DISSOLVED 9/24/92 PLGUSH9002 LT 0.01 COPPER DISSOLVED 9/24/92 PLGUSH9002 LT 0.01 COPPER DISSOLVED 9/24/92 PLGUSH9002 LT 0.01 COPPER DISSOLVED 9/24/92 PLGUSH9002 LT 0.01 COPPER DISSOLVED 9/24/92 PLGUSH9002 LT 0.01 COPPER DISSOLVED 9/24/92 PLGUSH9002 LT 0.01 COPPER DISSOLVED 9/24/92 PLGUSH9002 LT 0.01 COPPER DISSOLVED 9/24/92 PLGUSH9002 LT 0.01 COPPER DISSOLVED 9/24/92 PLGUSH9002 LT 0.01 COPPER DISSOLVED 9/24/92 PLGUSH9002 LT 0.01 COPPER DISSOLVED 9/24/92 PLGUSH9002 LT 0.01 COPPER DISSOLVED 9/24/92 PLGUSH9002 LT 0.01 COPPER DISSOLVED 9/24/92 PLGUSH9002 LT 0.05 COMMINM, DISSOLVED 9/24/92 PLGUSH9002 LT 0.05 COMMINM, DISSOLVED 9/24/92 PLGUSH9002 LT 0.05 COMMINM, DISSOLVED 9/24/92 PLGUSH9002 LT 0.05 COMMINM, DISSOLVED 9/24/92 PLGUSH9002 LT 0.05 COMMINM, DISSOLVED 9/24/92 PLGUSH9002 LT 0.05 COMMINM, DISSOLVED 9/24/92 PLGUSH9002 LT 0.05 COMMINM, DISSOLVED 9/24/92 PLGUSH9002 LT 0.05 COMMINM, DISSOLVED 9/24/92 PLGUSH9002 LT 0.05 COMMINM, DISSOLVED 9/24/92 PLGUSH9002 LT 0.05 EEPICE 9/24/92 PLGUSH9002 LT 0.05 EEPICE 9/24/92 PLGUSH9002 LT 0.06 EEPICE 9/24/92 PLGUSH9002 LT 0.07 EEPICE 9/24/92 PLGUSH9002 LT 0.08 EEPICENE 9/24/92 PLGUSH9002 LT 0.08 EEPICENE 9/24/92 PLGUSH9002 LT 0.08 EEPICENE 9/24/92 PLGUSH9002 LT 0.08 EEPICENE 9/24/92 PLGUSH9002 LT 0.08 EEPICENE 9/24/92 PLGUSH9002 LT 0.08 EEPICENE 9/24/92 PLGUSH9002 LT 0.08 EEPICENE 9/24/92 PLGUSH9002 LT 0.08 EEPICENE 9/24/92 PLGUSH9002 LT 0.08 EEPICENE 9/24/92 PLGUSH9002 LT 0.08 EEPICENE	9/24/92	PLGUSH9001	LT				1
9/24/92 PLGUSH9001 PLGUSH9002 PLG		PLGUSH9001					ı,
9/24/92 PLGUSH9001 PLGUSH9002 PLG	9/24/92	PLGUSH9001					
9/24/92 PLGUSH9002		PLGUSH9001	LT				
9/24/92 PLGUSH9002 PLG	9/24/92	PLGUSH9002					-1
9/24/92 PLGUSH9002		PLGUSH9002					-
9/24/92 PLGUSH9002		PLGUSH9002					
9/24/92 PLGUSH9002 PLGUSH9002 11.3 IRON, DISSOLVED TEMPERATURE-CENTIGRADE (DEGREES C.) 9/24/92 PLGUSH9002 22.8 MAGNESIUM, DISSOLVED TOTAL DISSOLVED TOTAL DISSOLVED SOLIDS(FILTERABLE RESI PH-FIELD SULFATE TOTAL DISSOLVED SOLIDS (NON-FILTERAB CONDUCTIVITY PLGUSH9002 PLGUSH9002 PLGUSH9002 PLGUSH9002 PLGUSH9002 PLGUSH9002 PLGUSH9002 PLGUSH9002 LT 0.001 DERVILIUM, DISSOLVED DISSOLVED SOLIDS (NON-FILTERAB CONDUCTIVITY PLGUSH9002 PLGUSH9002 LT 0.01 DERVILIUM, DISSOLVED		PLGUSH9002	1			:	
9/24/92 PLGUSH9002 PLGUSH9002 565 TOTAL DISSOLVED SOLIDS (NON-FILTERAB PLGUSH9002 PLGUSH9002 FLGUSH9002 FLGUSH		PLGUSH9002		.47			1
9/24/92 PLGUSH9002 PLGUSH9002 66.7 PH-FIELD SOLIDS (FILTERABLE RESI) PH-FIELD SULFATE TOTAL DISSOLVED SOLIDS (FILTERABLE RESI) PH-FIELD SULFATE SULFATE TOTAL SUSPENDED SOLIDS (NON-FILTERAB PLGUSH9002 PLGUSH9002 PLGUSH9002 PLGUSH9002 PLGUSH9002 PLGUSH9002 LT 0.0002 MERCURY, DISSOLVED PLGUSH9002 LT 0.01 BERYLLIUM, DISSOLVED PLGUSH9002 LT 0.01 CYANIDE, TOTAL SUSPENDED SOLIDS (NON-FILTERAB PLGUSH9002 PLGUSH9002 LT 0.01 BERYLLIUM, DISSOLVED CYANIDE, AMENABLE PLGUSH9002 LT 0.01 CYANIDE, TOTAL SUSPENDED SOLIDS (NON-FILTERAB PLGUSH9002 LT 0.01 CYANIDE, TOTAL SUSPENDED SOLIDS (NON-FILTERAB PLGUSH9002 LT 0.01 BERYLLIUM, DISSOLVED CYANIDE, TOTAL SUSPENDED SOLIDS (NON-FILTERAB PLGUSH9002 LT 0.01 BERYLLIUM, DISSOLVED CYANIDE, TOTAL SUSPENDED SOLIDS (NON-FILTERAB PLGUSH9002 LT 0.01 BERYLLIUM, DISSOLVED CYANIDE, TOTAL SUSPENDED SOLIDS (NON-FILTERAB PLGUSH9002 LT 0.01 BERYLLIUM, DISSOLVED CYANIDE, TOTAL SUSPENDED SOLIDS (NON-FILTERAB PLGUSHPO SOLIDS (NON-FILTERAB PLGU		PLGUSH9002		11.3			-
9/24/92 PLGUSH9002 PLGUSH9002 6.7 PH-FIELD SOLIDS(FILTERABLE RESI PH-FIELD SOLIDS(FILTERABLE RESI PH-FIELD SOLIDS(FILTERABLE RESI PH-FIELD SOLIDS (FILTERABLE NTINUE FILED SOLIDS (FILTERAB CENTRAL PH-FIELD SOLIDS (FILTERAB CENTRAL PH-FIELD SOLIDS (FILTERAB CENTRAL PH-FIELD SOLIDS (FILTERAB CENTRAL PH-FIELD SOLIDS (FILTERAB CENTRAL PH-FIELD SOLIDS (FILTERAB CENTRAL PH-FIELD SOLIDS (FILTERAB CENTRAL PH-FIELD SOLIDS (FILTERAB CENTRAL PH-FIELD SOLIDS (FILTERAB CENTRAL PH-FIELD SOLIDS (FILTERAB CENTRAL PH-FIELD SOLIDS (FILTERAB CENTRAL PH-FIELD SOLIDS (FILTERAB CENTRAL PH-FIELD SOLIDS (FILTERAB CENTRAL PH-FIELD SOLIDS (FILTERAB CENTRAL PH-FIELD SOLIDS (FILTERAB CENTRAL PH-FIELD SOLIDS (FILTERAB CENTRAL PH-FIELD SOLIDS (FIL	· · · · · · · · · · · · · · · · ·	PLGUSH9002		22.8		MAGNESIUM, DISSOLVED	
9/24/92 PLGUSH9002 PLG				565		TOTAL DISSOLVED SOLIDS(FILTERABLE RESI	7
8/24/92         PLGUSH9002         63.3         SULFATE           9/24/92         PLGUSH9002         821         TURBIDITY           9/24/92         PLGUSH9002         821         TOTAL SUSPENDED SOLIDS (NON-FILTERAB           9/24/92         PLGUSH9002         LT         0.0002         MERCURY, DISSOLVED           9/24/92         PLGUSH9002         LT         0.01         BERYLLIUM, DISSOLVED           9/24/92         PLGUSH9002         LT         0.01         COPPER, DISSOLVED           9/24/92         PLGUSH9002         LT         0.01         CYANIDE, AMENABLE           9/24/92         PLGUSH9002         LT         0.01         ZINC, DISSOLVED           9/24/92         PLGUSH9002         LT         0.04         ALUMINUM, DISSOLVED           9/24/92         PLGUSH9002         LT         0.05         CHROMIUM, DISSOLVED           9/24/92         PLGUSH9002         LT         0.05         COBALT, DISSOLVED           9/24/92         PLGUSH9002         LT         0.02         BENZENE           9/24/92         PLGUSH9002         LT         0.2         ETHYLBENZENE           9/24/92         PLGUSH9002         LT         0.2         ETHYLBENZENE           9/24/92				6.7		· · · · · · ———	1
9/24/92 PLGUSH9002 PLGUSH9002 PLGUSH9002 PLGUSH9002 PLGUSH9002 PLGUSH9002 PLGUSH9002 PLGUSH9002 LT 0.0002 MERCURY, DISSOLVED BERYLLIUM, DISSOLVED PLGUSH9002 LT 0.01 COPPER, DISSOLVED CYANIDE, AMENABLE PLGUSH9002 LT 0.01 CYANIDE, AMENABLE PLGUSH9002 LT 0.01 CYANIDE, TOTAL SUSPENDED SOLIDS (NON-FILTERAB CONDUCTIVITY MERCURY, DISSOLVED MERCURY, DISSOLVED COPPER, DISSOLVED COPPER, DISSOLVED CYANIDE, AMENABLE CYANIDE, AMENABLE CYANIDE, TOTAL SINC, DISSOLVED CYANIDE, TOTAL SINC, DISSOLVED PLGUSH9002 LT 0.01 ZINC, DISSOLVED CHROMIUM, DISSOLVED CHROMIUM, DISSOLVED CHROMIUM, DISSOLVED COBALT, DISSOLVED COBALT, DISSOLVED COBALT, DISSOLVED PLGUSH9002 LT 0.05 LEAD, DISSOLVED BENZENE ETHYLBENZENE TOLUENE		PLGUSH9002		63.3			
9/24/92 PLGUSH9002 PLGUSH9002 PLGUSH9002 PLGUSH9002 PLGUSH9002 LT 0.0002 MERCURY, DISSOLVED BERYLLIUM, DISSOLVED COPPER,		PLGUSH9002		790			-
9/24/92 PLGUSH9002 LT 0.0002 MERCURY, DISSOLVED 9/24/92 PLGUSH9002 LT 0.01 BERYLLIUM, DISSOLVED 9/24/92 PLGUSH9002 LT 0.01 COPPER, DISSOLVED 9/24/92 PLGUSH9002 LT 0.01 CYANIDE, AMENABLE 9/24/92 PLGUSH9002 LT 0.01 CYANIDE, TOTAL 9/24/92 PLGUSH9002 LT 0.01 ZINC, DISSOLVED 9/24/92 PLGUSH9002 LT 0.04 ALUMINUM, DISSOLVED 9/24/92 PLGUSH9002 LT 0.05 CHROMIUM, DISSOLVED 9/24/92 PLGUSH9002 LT 0.05 COBALT, DISSOLVED 9/24/92 PLGUSH9002 LT 0.08 LEAD, DISSOLVED 9/24/92 PLGUSH9002 LT 0.2 9/24/92 PLGUSH9002 LT 0.2 9/24/92 PLGUSH9002 LT 0.2 9/24/92 PLGUSH9002 LT 0.2 9/24/92 PLGUSH9002 LT 0.2 9/24/92 PLGUSH9002 LT 0.2 9/24/92 PLGUSH9002 LT 0.2 9/24/92 PLGUSH9002 LT 0.2 9/24/92 PLGUSH9002 LT 0.2 9/24/92 PLGUSH9002 LT 0.2 9/24/92 PLGUSH9002 LT 0.2		PLGUSH9002		821			- 1
9/24/92         PLGUSH9002         LT         0.0002         MERCURY, DISSOLVED           9/24/92         PLGUSH9002         LT         0.01         BERYLLIUM, DISSOLVED           9/24/92         PLGUSH9002         LT         0.01         CYANIDE, AMENABLE           9/24/92         PLGUSH9002         LT         0.01         CYANIDE, TOTAL           9/24/92         PLGUSH9002         LT         0.04         ZINC, DISSOLVED           9/24/92         PLGUSH9002         LT         0.05         CHROMIUM, DISSOLVED           9/24/92         PLGUSH9002         LT         0.05         COBALT, DISSOLVED           9/24/92         PLGUSH9002         LT         0.08         LEAD, DISSOLVED           9/24/92         PLGUSH9002         LT         0.2         BENZENE           9/24/92         PLGUSH9002         LT         0.2         ETHYLBENZENE           9/24/92         PLGUSH9002         LT         0.2         ETHYLBENZENE           9/24/92         PLGUSH9002         LT         0.2         TOLUENE		PLGUSH9002		990			
9/24/92 PLGUSH9002 LT 0.01 COPPER, DISSOLVED 9/24/92 PLGUSH9002 LT 0.01 CYANIDE, AMENABLE 9/24/92 PLGUSH9002 LT 0.01 CYANIDE, TOTAL 9/24/92 PLGUSH9002 LT 0.04 ZINC, DISSOLVED 9/24/92 PLGUSH9002 LT 0.05 CHROMIUM, DISSOLVED 9/24/92 PLGUSH9002 LT 0.05 COBALT, DISSOLVED 9/24/92 PLGUSH9002 LT 0.08 LEAD, DISSOLVED 9/24/92 PLGUSH9002 LT 0.08 LEAD, DISSOLVED 9/24/92 PLGUSH9002 LT 0.2 BENZENE 9/24/92 PLGUSH9002 LT 0.2 ETHYLBE; NZENE 9/24/92 PLGUSH9002 LT 0.2 TOLURNE		PLGUSH9002	LT	0.0002			
9/24/92 PLGUSH9002 LT 0.01 CYANIDE, AMENABLE 9/24/92 PLGUSH9002 LT 0.01 CYANIDE, TOTAL 9/24/92 PLGUSH9002 LT 0.01 ZINC, DISSOLVED 9/24/92 PLGUSH9002 LT 0.04 ALUMINUM, DISSOLVED 9/24/92 PLGUSH9002 LT 0.05 CHROMIUM, DISSOLVED 9/24/92 PLGUSH9002 LT 0.05 COBALT, DISSOLVED 9/24/92 PLGUSH9002 LT 0.08 LEAD, DISSOLVED 9/24/92 PLGUSH9002 LT 0.2 9/24/92 PLGUSH9002 LT 0.2 9/24/92 PLGUSH9002 LT 0.2 9/24/92 PLGUSH9002 LT 0.2 9/24/92 PLGUSH9002 LT 0.2 9/24/92 PLGUSH9002 LT 0.2 9/24/92 PLGUSH9002 LT 0.2 9/24/92 PLGUSH9002 LT 0.2 9/24/92 PLGUSH9002 LT 0.2		PLGUSH9002	LT	0.01			-1
9/24/92 PLGUSH9002 LT 0.01 CYANIDE, AMENABLE 9/24/92 PLGUSH9002 LT 0.01 ZINC, DISSOLVED 9/24/92 PLGUSH9002 LT 0.04 ALUMINUM, DISSOLVED 9/24/92 PLGUSH9002 LT 0.05 CHROMIUM, DISSOLVED 9/24/92 PLGUSH9002 LT 0.05 COBALT, DISSOLVED 9/24/92 PLGUSH9002 LT 0.08 LEAD, DISSOLVED 9/24/92 PLGUSH9002 LT 0.2 9/24/92 PLGUSH9002 LT 0.2 9/24/92 PLGUSH9002 LT 0.2 9/24/92 PLGUSH9002 LT 0.2 1 TOLUENE 1 TOLUENE				0.01			4
9/24/92 PLGUSH9002 LT 0.01 CYANIDE, TOTAL 9/24/92 PLGUSH9002 LT 0.04 ZINC, DISSOLVED 9/24/92 PLGUSH9002 LT 0.05 CHROMIUM, DISSOLVED 9/24/92 PLGUSH9002 LT 0.05 COBALT, DISSOLVED 9/24/92 PLGUSH9002 LT 0.08 LEAD, DISSOLVED 9/24/92 PLGUSH9002 LT 0.2 9/24/92 PLGUSH9002 LT 0.2 9/24/92 PLGUSH9002 LT 0.2 9/24/92 PLGUSH9002 LT 0.2 9/24/92 PLGUSH9002 LT 0.2 9/24/92 PLGUSH9002 LT 0.2 9/24/92 PLGUSH9002 LT 0.2 9/24/92 PLGUSH9002 LT 0.2			LT	0.01		CYANIDE, AMENABLE	
9/24/92 PLGUSH9002 LT 0.01 9/24/92 PLGUSH9002 LT 0.05 9/24/92 PLGUSH9002 LT 0.05 9/24/92 PLGUSH9002 LT 0.05 9/24/92 PLGUSH9002 LT 0.08 9/24/92 PLGUSH9002 LT 0.2 9/24/92 PLGUSH9002 LT 0.2 9/24/92 PLGUSH9002 LT 0.2 9/24/92 PLGUSH9002 LT 0.2 1T 0.2				0.01		CYANIDE, TOTAL	
9/24/92 PLGUSH9002 LT 0.04 ALUMINUM, DISSOLVED 9/24/92 PLGUSH9002 LT 0.05 CHROMIUM, DISSOLVED 9/24/92 PLGUSH9002 LT 0.08 LEAD, DISSOLVED 9/24/92 PLGUSH9002 LT 0.2 9/24/92 PLGUSH9002 LT 0.2 9/24/92 PLGUSH9002 LT 0.2 17 0.2 ETHYLBE:\\ \text{ZENE} \\ \text{TOLUENE} \							1
9/24/92 PLGUSH9002 LT 0.05 CHROMIUM, DISSOLVED 9/24/92 PLGUSH9002 LT 0.08 LEAD, DISSOLVED 9/24/92 PLGUSH9002 LT 0.2 BENZENE 9/24/92 PLGUSH9002 LT 0.2 ETHYLBENZENE 9/24/92 PLGUSH9002 LT 0.2 TOLUENE		,		0.04			-
9/24/92 PLGUSH9002 LT 0.05 COBALT, DISSOLVED 9/24/92 PLGUSH9002 LT 0.2 9/24/92 PLGUSH9002 LT 0.2 9/24/92 PLGUSH9002 LT 0.2 9/24/92 PLGUSH9002 LT 0.2 1 TOLUENE 1 TOLUENE				0.05		CHROMIUM, DISSOLVED	
9/24/92 PLGUSH9002 LT 0.08 LEAD, DISSOLVED 8/24/92 PLGUSH9002 LT 0.2 BENZENE 9/24/92 PLGUSH9002 LT 0.2 ETHYLBENZENE 9/24/92 PLGUSH9002 LT 0.2 TOLUENE				0.05			1
9/24/92 PLGUSH9002 LT 0.2 BENZENE 9/24/92 PLGUSH9002 LT 0.2 ETHYLBENZENE 9/24/92 PLGUSH9002 LT 0.2 TOLUENE							
9/24/92 PLGUSH9002 LT 0.2 ETHYLBENZENE 9/24/92 PLGUSH9002 LT 0.2 TOLUENE				0.2			
9/24/92 PLGUSH9002 LT 0.2 TOLUENE							
THE TOTAL TO				0.2			
				0.2		TOTAL XYLENES	-

Collection Date	Sample id	Notation	Concentration	Units	Parameter
6/27/95	PLGDSH8601		0.3		VOLATILE ORGANIC VAPORS
6/27 <b>/9</b> 5	PLGDSH8601		3100	ug/i	NAPHTHALENE
8/27/95	PLGDSH8601	LT	250	ug/l	ACENAPHTHENE
6/27/95		LT	250	ug/i	ACENAPHTHYLENE
3/27/95		LT	250	ug/l	ANTHRACENE
5/27/95	PLGDSH8601	LT	250	ug/l	BENZO (A) ANTHRACENE
V27/95	PLGDSH8601	LT	250	ug/l	BENZO (A) PYRENE
5/27 <i>1</i> 95		LT	250	ug/l	BENZO (B) FLUORANTHENE
S/27/95	PLGDSH8601	LT	250	ug/i	BENZO (G,H,I,) PERYLENE
S/27/95	PLGDSH8601	LT	250	ug/l	BENZO (K) FLUORANTHENE
3/27/95		LT	250	ug/l	CHRYSENE
<i>1</i> 27 <i>1</i> 95		LT	250	ug/l	DIBENZO (A,H) ANTHRACENE
3/27/95		LT	250	n&\l	FLUORANTHENE
<i>1</i> 27 <i>1</i> 95		LT	250	ug/l	FLUORENE
27/95		LT	250	ug/l	INDENO (1,2,3-CD) PYRENE
/27/95		LT	250	ug/l	PHENANTHRENE
i/27/95	PLGDSH8601	LT	250	ug/l	PYRENE
/27/95	PLGDSH8601		0.62	mg/l	MANGENESE, DISSOLVED
<i>1</i> 27 <i>1</i> 95	PLGDSH8601		12.5	mg/l	IRON, DISSOLVED
	PLGDSH8601		24.5	mg/l	MAGNESIUM, DISSOLVED
<i>1</i> 27 <i>1</i> 95	PLGDSH8601	LT	0.010	mg/l	BERYLLIUM, DISSOLVED
	PLGDSH8601	LT	0.010	mg/l	CHROMIUM, DISSOLVED
/27/95		LT	0.010	mg/l	COBALT, DISSOLVED
	PLGDSH8601	LT	0.010	mg/l	COPPER, DISSOLVED
		LT	0.010	mg/l	ZINC,DISSOLVED
		LT	0.020	mg/l	NICKEL, DISSOLVED
		LT	0.10	mg/l	ALUMINUM, DISSOLVED
	PLGDSH8601		1606	UMHO/CM	CONDUCTIVITY
	PLGDSH8601		6.7		PH-FIELD
	PLGDSH8601		918	mg/t	TOTAL DISSOLVED SOLIDS(FILTERABLE RESI
	PLGDSH8601		38.9	mg/l	TOTAL SUSPENDED SOLIDS (NON-FILTERABL
	PLGDSH8801		11.0	Deg. C	TEMPERATURE-CENTIGRADE (DEGREES C.)
	PLGDSH8601		7.5	NTŬ	TURBIDITY
		LT	0.0002	mg/l	MERCURY, DISSOLVED
	PLGDSH8601		0.64	MĞ/L	FLOURIDE
		LT	10.0	mg/l	SULFATE
		LŤ	0.02	MG/L	CYANIDE, AMENABLE
	PLGDSH8601		0.50	MG/L	CYANIDE, TOTAL
		LT	0.005	mg/l	LEAD, DISSOLVED
	PLGDSH8601	[	1290	ug/l	TOTAL XYLENES
	PLGDSH8601		1610	ug/l	BENZENE
	PLGDSH8601		2180	ug/l	ETHYLBENZENE
	PLGDSH8601		303	ug/i	TOLUENE
		LT 1	10	υgΛ	CHLOROBENZENE
	PLGDSH8605		460	ug/î	NAPHTHALENE
	PLGDSH8605		99	ug/l	ACENAPHTHYLENE
		LT	0.1	•	VOLATILE ORGANIC VAPORS
		LT	50	ug/l	ACENAPHTHENE
		ĽŤ	50	ug/l	ANTHRACENE
		LT	50	ug/l	BENZO (A) ANTHRACENE
		<u>L</u> T	50	ug/l	BENZO (A) PYRENE
		<u>וֹד</u>	50	ug/l	BENZO (B) FLUORANTHENE
		LT	50	ug/l	BENZO (G,H,I.) PERYLENE
		ĽŤ	50	ug/l	BENZO (K) FLUORANTHENE
		LT	50	ug/l	CHRYSENE
		LT	50	ug/i	DIBENZO (A,H) ANTHRACENE
		li	50	ug/l	FLUORANTHENE
121100					
i/27/95	PLGDSH8605	LT	50	ug/t	FLUORENE

Collection Date   Sample Id   Notation   Concentration   Units   Parameter	Thursday, Februa	ary 22, 1996			40AAEL	rage 2 / Z
Record   Place   Pla	Collection Date	Sample ld	Notation	Concentration	Units	Parameter
6/27/85   PLGDSH8605   LT   50   ug/l   PHENANTHRENE   PYRENE   C/27/85   PLGDSH8605   C/27/85   PLGDSH8605   C/27/85   PLGDSH8605   C/27/85   PLGDSH8605   C/27/85   PLGDSH8605   LT   0.010   mg/l   CHROMIUM, DISSOLVED   C/27/85   PLGDSH8605   LT   0.010   mg/l   COBALT, DISSOLVED   C/27/85   PLGDSH8605   LT   0.010   mg/l   COBALT, DISSOLVED   C/27/85   PLGDSH8605   LT   0.010   mg/l   COPPER_DISSOLVED   C/27/85   PLGDSH8605   LT   0.010   mg/l   COPPER_DISSOLVED   C/27/85   PLGDSH8605   LT   0.010   mg/l   COPPER_DISSOLVED   C/27/85   PLGDSH8605   LT   0.020   mg/l   ALUMINIAN, DISSOLVED   C/27/85   PLGDSH8605   LT   0.020   mg/l   ALUMINIAN, DISSOLVED   C/27/85   PLGDSH8605   LT   0.020   mg/l   ALUMINIAN, DISSOLVED   C/27/85   PLGDSH8605   C/	6/27/95	PLGDSH8605				
6/27/95 PLGDSH8605 6/27/95 PLGDS		PLGDSH8605				
\$27/95   PLGDSH8605   24.4   mg/l   mg/l   mg/l   MANGENESE, DISSOLVED   mg/l   mg/l   MAGNESIUM, DISSOLVED   mg/l   mg/l   MAGNESIUM, DISSOLVED   mg/l   mg/l   MAGNESIUM, DISSOLVED   mg/l   mg/l   MAGNESIUM, DISSOLVED   mg/l   mg/l   CHROMUM, DISSOLVED   CHROMUM, DISSOLVED   CHROMUM, DISSOLVED   CHROMUM, DISSOLVED   COBALT, DISSOLVED   COBALT, DISSOLVED   COPPER, DISSOLVED   COPPE	6/27/95	PLGDSH8605	LT			
\$27/95   PLGDSH8605   24.4   mg/l		PLGDSH8605	1		mg/l	
6/27/95 PLGDSH8605 LT 0.010 mg/l CHROMIUM, DISSOLVED COBALT, DISSO		PLGDSH8605			mg/l	
8/27/95         PLGDSH8605         LT         0.010         mg/l         CHROMIUM, DISSOLVED           8/27/95         PLGDSH8605         LT         0.010         mg/l         COBALT, DISSOLVED           6/27/95         PLGDSH8605         LT         0.010         mg/l         COPPER, DISSOLVED           6/27/95         PLGDSH8605         LT         0.020         mg/l         ALUMINUM, DISSOLVED           6/27/95         PLGDSH8605         LT         0.10         mg/l         ALUMINUM, DISSOLVED           6/27/95         PLGDSH8605         740         mg/l         TOTAL DISSOLVED         CONDUCTIVITY           6/27/95         PLGDSH8605         11.0         Deg. C         TEMPERATURE-CENTIGRADE (DEGREES C.)           6/27/95         PLGDSH8605         LT         0.0002         mg/l         MERCURY, DISSOLVED           6/27/95         PLGDSH8605         80.3         mg/l         MG/L         <	6/27/95	PLGDSH8605				
6/27/95         PLGDSH8605         LT         0.010         mg/l         COBALT, DISSOLVED           6/27/95         PLGDSH8605         LT         0.010         mg/l         COPPER, DISSOLVED           6/27/95         PLGDSH8605         LT         0.010         mg/l         ZINC, DISSOLVED           6/27/95         PLGDSH8605         LT         0.020         mg/l         ALUMINUM, DISSOLVED           6/27/95         PLGDSH8605         LT         0.10         mg/l         ALUMINUM, DISSOLVED           6/27/95         PLGDSH8605         LT         0.10         mg/l         TOTAL DISSOLVED           6/27/95         PLGDSH8605         45.6         mg/l         TOTAL DISSOLVED SOLIDS (FILTERABLE RESI           6/27/95         PLGDSH8605         45.6         mg/l         TOTAL DISSOLVED SOLIDS (NON-FILTERABLE RESI           6/27/95         PLGDSH8605         11.0         Deg. C         TEMPERATURE-CENTIGRADE (DEGREES C.)           6/27/95         PLGDSH8605         LT         0.0002         mg/l         MERCURY, DISSOLVED           6/27/95         PLGDSH8605         0.31         MG/L         CYANIDE, AMENABLE           6/27/95         PLGDSH8605         0.93         MG/L         CYANIDE, AMENABLE	6/27/95					
6/27/95 PLGDSH8605 PLG	6/27/95	PLGDSH8605	LT			
6/27/95 PLGDSH8605 PLG	6/27/95					
6/27/95 PLGDSH8605 PLG	6/27/95	PLGDSH8605				
6/27/95 PLGDSH8605 PLG	6/27/95				_	
6/27/95 PLGDSH8605 PLG	6/27/95	PLGDSH8605			_	
6/27/95 PLGDSH8605 6/27/95 PLGDSH8605	6/27/95	PLGDSH8605	LT			
6/27/95 PLGDSH8605 PLG	6/27/95	PLGDSH8605			UMHO/CM	
6/27/95 PLGDSH8605 PLG	6/27/95	PLGDSH8605				
6/27/95 PLGDSH8605 6/27/95 PLGDSH8605	6/27/95	PLGDSH8605				
6/27/95 PLGDSH8605 PLG	6/27/95	PLGDSH8605				
6/27/95 PLGDSH8605 PLG	6/27 <i>/</i> 95	PLGDSH8605		11.0		,
6/27/95 PLGDSH8605 80.3 mg/l SULFATE 6/27/95 PLGDSH8605 0.93 MG/L CYANIDE, AMENABLE 6/27/95 PLGDSH8605 0.93 MG/L CYANIDE, TOTAL 6/27/95 PLGDSH8605 0.009 mg/l LEAD, DISSOLVED 6/27/95 PLGDSH8605 128 ug/l ETHYLBENZENE 6/27/95 PLGDSH8605 13 ug/l TOLUENE 6/27/95 PLGDSH8605 134 ug/l TOTAL XYLENES 6/27/95 PLGDSH8605 1251 ug/l BENZENE	6/27/95	PLGDSH8605			עדט	· — · — · — · · ·
6/27/95 PLGDSH8605 80.3 mg/l SULFATE 6/27/95 PLGDSH8605 80.3 mg/l CYANIDE, AMENABLE 6/27/95 PLGDSH8605 0.93 MG/L CYANIDE, TOTAL 6/27/95 PLGDSH8605 0.009 mg/l LEAD, DISSOLVED 6/27/95 PLGDSH8605 128 ug/l ETHYLBENZENE 6/27/95 PLGDSH8605 13 ug/l TOTAL XYLENES 6/27/95 PLGDSH8605 134 ug/l BENZENE 6/27/95 PLGDSH8605 1251 ug/l BENZENE	6/27/95	PLGDSH8605	LT			
6/27/95 PLGDSH8605 0.93 mg/l CYANIDE, AMENABLE CYANIDE, TOTAL CYANIDE, TOTAL LEAD, DISSOLVED ETHYLBENZENE PLGDSH8605 128 ug/l ETHYLBENZENE TOTAL LUG/l TOTAL XYLENES 6/27/95 PLGDSH8605 134 ug/l TOTAL XYLENES 6/27/95 PLGDSH8605 134 ug/l BENZENE TOTAL LUG/l BENZENE TOTAL LUG/l BENZENE TOTAL XYLENES 134 ug/l BENZENE		PLGDSH8605				
6/27/95 PLGDSH8605 8/27/95 PLGDSH8605 6/27/95 PLGDSH8605 734 Ug/I TOTAL XYLENES 6/27/95 PLGDSH8605 734 Ug/I BENZENE 707AL XYLENES 8/27/95 PLGDSH8605 734 Ug/I BENZENE	******	PLGDSH8605				
6/27/95 PLGDSH8605 PLGDSH8605 0.009 mg/l LEAD, DISSOLVED 6/27/95 PLGDSH8605 128 ug/l ETHYLBENZENE 6/27/95 PLGDSH8605 13 ug/l TOLUENE 6/27/95 PLGDSH8605 134 ug/l TOTAL XYLENES 6/27/95 PLGDSH8605 251 ug/l BENZENE		PLGDSH8605		0.93		
6/27/95 PLGDSH8605 128 ug/l ETHYLBENZENE 6/27/95 PLGDSH8605 13 ug/l TOLUENE 6/27/95 PLGDSH8605 134 ug/l TOTAL XYLENES 6/27/95 PLGDSH8605 251 ug/l BENZENE		PLGDSH8605			***	
6/27/95 PLGDSH8605 128 ug/l ETHYLBENZENE 6/27/95 PLGDSH8605 13 ug/l TOLUENE 6/27/95 PLGDSH8605 134 ug/l TOTAL XYLENES 6/27/95 PLGDSH8605 251 ug/l BENZENE		PLGDSH8805			•	
6/27/95 PLGDSH8605 13 ug/l TOLUENE 6/27/95 PLGDSH8605 134 ug/l TOTAL XYLENES 6/27/95 PLGDSH8605 251 ug/l BENZENE		PLGDSH8605		128	ug/l	
6/27/95 PLGDSH8605 134 ug/l TOTAL XYLENES 6/27/95 PLGDSH8605 251 ug/l BENZENE		PLGDSH8605				
6/27/95 PLGDSH8605 251 Ug/I BENZENE		PLGDSH8605				
		PLGDSH8605		251	ug/l	
		PLGDSH8605	LT	4 '	ug/i	CHLOROBENZENE

•	Thursday, Februa	ary 22, 1996		Al	NSWER	Page 2/5
	Collection Date	Sample Id	Notation	Concentration	Units	Parameter
	6/27/95	PLGDXX9005	LT	5	ug/l	NAPHTHALENE
	6/27/95	PLGDXX9005	LT	5	ug/l	PHENANTHRENE
	6/27/95	PLGDXX9005	LT	5	ug/l	PYRENE
	6/27/95	PLGDXX9005		0.027	mg/l	COBALT, DISSOLVED
	6/27/95	PLGDXX9005	,	0.027	mg/l	COPPER,DISSOLVED
	6/27/95	PLGDXX9005		1.69	mg/l	MANGENESE, DISSOLVED
	6/27/95	PLGDXX9005		168	mg/l	MAGNESIUM, DISSOLVED
	6/27/95	PLGDXX9005		7.18	mg/l	IRON, DISSOLVED
	6/27/95	PLGDXX9005	LT	0.010	mg/l	BERYLLIUM, DISSOLVED
	6/27/95 ·	PLGDXX9005	LT	0.010	mg/l	CHROMIUM, DISSOLVED
	6/27/95	PLGDXX9005	LT	0.010	mg/l	ZINC,DISSOLVED
	6/27/95	PLGDXX9005	LT	0.020	mg/l	NICKEL, DISSOLVED
	6/27/95	PLGDXX9005	LT	0.10	mg/l	ALUMINUM, DISSOLVED
	6/27/95	PLGDXX9005		4650	UMHO/CM	CONDUCTIVITY
	6/27/95	PLGDXX9005		6.6		PH-FIELD
	6/27/95	PLGDXX9005		4050	mg/i	TOTAL DISSOLVED SOLIDS (FILTERABLE RESI
	6/27/95	PLGDXX9005		996	mg/l	TOTAL SUSPENDED SOLIDS (NON-FILTERABL
	6/27/95	PLGDXX9005		11.0	Deg. C	TEMPERATURE-CENTIGRADE (DEGREES C.)
	6/27/95	PLGDXX9005	_	872	NTU	TURBIDITY
	6/27/95	PLGDXX9005	LT	0.0002	mg/l	MERCURY, DISSOLVED
	6/27/95	PLGDXX9005	LT	0.2	MG/L	FLOURIDE
	6/27 <i>1</i> 95	PLGDXX9005		1876	mg/l	SULFATE
	6/27 <i>/</i> 95	PLGDXX9005	LT	0.02	MG/L	CYANIDE, AMENABLE
	6/27/95	PLGDXX9005		10.8	MG/L	CYANIDE, TOTAL
	6/27/95	PLGDXX9005	LT	0.005	mg/l	LEAD, DISSOLVED
	6/27/95	PLGDXX9005		0.4	ug/l	TOLUENE
	6 <i>/</i> 27 <i>/</i> 95	PLGDXX9005		0.5	ug/l	TOTAL XYLENES
	6 <i>/</i> 27 <i>/</i> 95	PLGDXX9005		1.5	ug/l	BENZENE
		PLGDXX9005	LT	0.2	ug/l	CHLOROBENZENE
	6 <i>/</i> 27 <i>/</i> 95	PLGDXX9005	LT	0.2	<b>л</b> β∕I	ETHYLBENZENE
	6/27/95	PLGDXX9008	LT	0.1		VOLATILE ORGANIC VAPORS
	6/27/95	PLGDXX9008	LT	5	ng/l	ACENAPHTHENE
	6/27/95	PLGDXX9008	LT	5	ug/l	ACENAPHTHYLENE
	6 <i>1</i> 27 <i>1</i> 95	PLGDXX9008	LT	5	π <b>ū</b> Λ	ANTHRACENE
	6 <i>/</i> 27 <i>/</i> 95	PLGDXX9008	LT	5	ng/l	BENZO (A) ANTHRACENE
	6 <i>/</i> 27 <i>/</i> 95	PLGDXX9008	LT	5	ก <b>อ</b> ง	BENZO (A) PYRENE
	6/27/95	PLGDXX9008	LT	5 5	ug/l	BENZO (B) FLUORANTHENE
	6/27/95	PLGDXX9008	LT	5	υ <b>g/</b> l	BENZO (G.H.I.) PERYLENE
	6/27/95	PLGDXX9008	LT	5	ug/l	BENZO (K) FLUORANTHENE
	6/27/95	PLGDXX9008	LT	5 5	ug/l	CHRYSENE DIRECTO (A LA ANTHRACENIE
	6/27/95	PLGDXX9008	LŢ	5	ug/l	DIBENZO (A,H) ANTHRACENE FLUORANTHENE
	6/27/95	PLGDXX9008	LT	5 5	ug/i	FLUORENE
	6/27/95	PLGDXX9008	LT		ug/l	INDENO (1,2,3-CD) PYRENE
	6/27/95	PLGDXX9008	LT	5	ug/l	NAPHTHALENE
	6/27/95	PLGDXX9008	LŢ	5 5	ug/l	PHENANTHRENE
	6/27/95	PLGDXX9008	LT	5	ug/l ug/l	PYRENE
	6/27/95		LT	0.024	mg/l	COBALT, DISSOLVED
	6/27/95	PLGDXX9008				CHROMIUM, DISSOLVED
	6/27/95	PLGDXX9008		0.027	mg/l	NICKEL, DISSOLVED
	6/27/95	PLGDXX9008		0.061 0.063	mg/l	COPPER, DISSOLVED
	6/27/95	PLGDXX9008		0.003	mg/l mg/l	ALUMINUM, DISSOLVED
	6/27/95	PLGDXX9008		1.29	mg/i mg/i	MANGENESE, DISSOLVED
	6/27/95	PLGDXX9008		1.29	mg/l	MAGNESIUM, DISSOLVED
	6/27/95	PLGDXX9008		9.31	mg/l	IRON, DISSOLVED
		PLGDXX9008 PLGDXX9008	LT	0.010	mg/i	BERYLLIUM, DISSOLVED
į.	6/27/95		LT	0.010	mg/l	ZINC, DISSOLVED
	6/27/95 6/27/95	PLGDXX9008 PLGDXX9008	<b>i</b> -'	4110	UMHO/CM	CONDUCTIVITY
	UL1180	LFGTYY9009		I <sup>-110</sup>		

(nursuay, repru	ary 22, 1850			NSWER	Page 3 /6	
Collection Date	Sample Id	Notation	Concentration	Units	Parameter	
6/27/95	PLGDXX9008		6.8		PH-FIELD	П
6/27/95	PLGDXX9008	I	3370	mg/l	TOTAL DISSOLVED SOLIDS(FILTERABLE RESI	
6/27/95	PLGDXX9008		236	mg/l	TOTAL SUSPENDED SOLIDS (NON-FILTERABL	
6/27/95	PLGDXX9008	ł	12.1	Deg. C	TEMPERATURE-CENTIGRADE (DEGREES C.)	-
<i>6/27/</i> 95	PLGDXX8008		107	NTÙ	TURBIDITY	
<i>6/27/</i> 95	PLGDXX9008	LT	0.0002	mg/l	MERCURY, DISSOLVED	_
6/27/95	PLGDXX9008	LT	0.2	MG/L	FLOURIDE	
6/27/95	PLGDXX9008		1727	mg/l	SULFATE	П
6/27/95	PLGDXX9008		1.4	MG/L	CYANIDE, AMENABLE	-
6/27/95	PLGDXX9008		18.4	MG/L	CYANIDE, TOTAL	
6/27/95	PLGDXX9008	LŢ	0.005	mg/l	LEAD, DISSOLVED	-
6/27/95	PLGDXX9008	LŢ	0.2	ug/i	BENZENE	
6/27/95	PLGDXX9008	LT	0.2 0.2	ug/l	CHLOROBENZENE	
6/27/95 6/27/95	PLGDXX9008 PLGDXX9008	LT LT	0.2	ug/i ug/i	ETHYLBENZËNE TOLUËNE	-
6/27/95	PLGDXX9008	LT	0.2	ug/i	TOTAL XYLENES	Ι
6/27/95	PLGDXX9011	<b> -</b> '	140	ug/l	ACENAPHTHYLENE	-
6/27/95	PLGDXX9011	1	1700	ug/l	NAPHTHALENE	
6/27/95	PLGDXX9011	LT	100	ug/l	ACENAPHTHENE	ı
6/27/95	PLGDXX9011	LT	100	ug/l	ANTHRACENE	-
6/27/95	PLGDXX9011	LT	100	ug/i	BENZO (A) ANTHRACENE	
6/27/95	PLGDXX9011	ΪŤ	100	ug/l	BENZO (A) PYRENE	-
6/27/95	PLGDXX9011	LT	100	ug/l	BENZO (B) FLUORANTHENE	
6/27/95	PLGDXX9011	LT	100	ug/l	BENZO (G,H,I,) PERYLENE	
6/27/95	PLGDXX9011	LT	100	ug/l	BENZO (K) FLUORANTHENE	
6/27/95	PLGDXX9011	LT	100	ug/i	CHRYSÈNE	Т
6/27/95	PLGDXX9011	LT	100	ug/l	DIBENZO (A,H) ANTHRACENE	
6/27/95	PLGDXX9011	LT	100	ug/l	FLUORANTHENE	
6 <i>/</i> 27 <i>1</i> 95	PLGDXX9011	LT	100	ug/l	FLUORENE	-
6/27/95	PLGDXX9011	LT	100	ug/i	INDENO (1,2,3-CD) PYRENE	100
6/27/95	PLGDXX9011	LT	100	ug/l	PHENANTHRENE	
	PLGDXX9011	LT	100	ug/l	PYRENE	
0.0	PLGDXX9011			mg/l	ALUMINUM, DISSOLVED	- 2
	PLGDXX9011			UMHO/CM	CONDUCTIVITY	-
	PLGDXX9011			mg/l	TOTAL DISSOLVED SOLIDS (FILTERABLE RESI	
	PLGDXX9011			mg/l	TOTAL SUSPENDED SOLIDS (NON-FILTERABL MERCURY, DISSOLVED	1
	PLGDXX9011			mg/l mg/l	FLOURIDE	-
<b>4.1</b>	PLGDXX9011 PLGDXX9011			mg/l	SULFATE	
	PLGDXX9011			MG/L	CYANIDE, AMENABLE	1
_,	PLGDXX9011			MG/L	CYANIDE, TOTAL	
	PLGDXX9011			mg/i	LEAD, DISSOLVED	
	PLGDXX9011		17.4	ug/l	TOLUENE	-
	PLGDXX9011		186	ug/l	ETHYLBENZENE	
	PLGDXX9011		225	ug/l	TOTAL XYLENES	-
	PLGDXX9011		231	ug/l	BENZENE	-
	PLGDXX9011	LT	2	ug/l	CHLOROBENZENE	
	PLGDXX9012		0.4		VOLATILE ORGANIC VAPORS	
	PLGDXX9012	•		ug/l	ACENAPHTHYLENE	
6/27/95	PLGDXX9012	i	1800	ug/l	NAPHTHALENE	
	PLGDXX9012	LT	100	ug/l	ACENAPHTHENE	
	PLGDXX9012	LT	100	ug/l	ANTHRACENE	
	PLGDXX9012	LT	100	πōγ	BENZO (A) ANTHRACENE	1
	PLGDXX9012	LT	100	ug/l	BENZO (A) PYRENE	
	PLGDXX9012	LT	100	ug/l	BENZO (B) FLUORANTHENE	-
	PLGDXX9012	LT	100	ug/i	BENZO (G,H,I,) PERYLENE	
	PLGDXX9012	LT	100	ug/l	BENZO (K) FLUORANTHENE	
6/27/95	PLGDXX9012	LT	100	ug/l	CHRYSENE	i

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Collection Date	Sample ld	Notation	Concentration	Units	Parameter	_
6/27/95	PLGDXX9012	LT	100	นต/1	DIBENZO (A,H) ANTHRACENE	
6/27/95	PLGDXX9012	LT .	100	ug/l	FLUORANTHENE	
6/27/95	PLGDXX9012	LT	100	ugΛ	FLUORENE	
6/27/95	PLGDXX9012	LT	100	ug/l	INDENO (1,2,3-CD) PYRENE	
6/27/95	PLGDXX9012	LT	100	ug∕l	PHENANTHRENE	
6/27/95	PLGDXX9012	LT	100	บฎ/ไ	PYRENE	٠.
6/27/95	PLGDXX9012		0.014	mg/l	COPPER, DISSOLVED	
6/27/95	PLGDXX9012		1.36	mg/l	MANGENESE, DISSOLVED	
6/27/95	PLGDXX9012		22.8	mg/l	MAGNESIUM, DISSOLVED	
6/27/95	PLGDXX9012		26.4	mg/l	IRON, DISSOLVED	
6/27/95	PLGDXX9012	LT	0.010	mg/l	BERYLLIUM, DISSOLVED	
6/27/95	PLGDXX9012	LT	0.010	mg/l	CHROMIUM, DISSOLVED	
6/27/95	PLGDXX9012	LT	0.010	mg/l	COBALT, DISSOLVED	
6/27/95	PLGDXX9012	LT	0.010	mg/l	ZINC, DISSOLVED_	
6/27 <i>/</i> 95	PLGDXX9012	LT -	0.020	mg/l	NICKEL, DISSOLVED	
6/27 <i>/</i> 95	PLGDXX9012	LT	0.10	mg/i	ALUMINUM, DISSOLVED	
6/27/95	PLGDXX9012		1572	<b>UMHO/CM</b>	CONDUCTIVITY	
6/27/95	PLGDXX9012		6.7		PH-FIELD	
6/27 <i>/</i> 95	PLGDXX9012		829	mg/t	TOTAL DISSOLVED SOLIDS(FILTERABLE RESI	
6/27/95	PLGDXX9012		948	mg/l	TOTAL SUSPENDED SOLIDS (NON-FILTERABL	
6/27/95	PLGDXX9012		12.0	Deg. C	TEMPERATURE-CENTIGRADE (DEGREES C.)	
6/27/95	PLGDXX9012	GT	1000	NTÜ	TURBIDITY	
6/27/95	PLGDXX9012	LT	0.0002	mg/l	MERCURY, DISSOLVED	
6/27/95	PLGDXX9012	LT.	0.2	MG/L	FLOURIDE	
6/27/95		LŢ	10.0	mg/l	SULFATE	
6/27 <b>/</b> 95	PLGDXX9012	LT	0.02	MG/L	CYANIDE, AMENABLE	
6/27/95	PLGDXX9012		0.23	MG/L	CYANIDE, TOTAL	
6/27/95	PLGDXX9012	LT	0.005	mg/i	LEAD, DISSOLVED TOLUENE	
6/27/95	PLGDXX9012		11.7	ug/l	TOTAL XYLENES	
6/27/95	PLGDXX9012		321 434	ug/i ug/i	ETHYLBENZENE	
6/27/95	PLGDXX9012 PLGDXX9012		73.4	ug/l	BENZENE	
6/27/95 6/27/95	PLGDXX9012	LT	2	ug/l	CHLOROBENZENE	
6/27/95	PLGUSH9001	וֹדֹ	0.1	<b>49</b> 0.	VOLATILE ORGANIC VAPORS	
6/27/95	PLGUSH9001	LT	5	νοΛ	ACENAPHTHENE	
6/27/95		LT	5	นฮู/โ	ACENAPHTHYLENE	
6/27/95		i	5	ug/l	ANTHRACENE	
6/27/95	PLGUSH9001	LT	5	ug/l	BENZO (A) ANTHRACENE	
6/27/95	PLGUSH9001	LT	5	ug/l	BENZO (A) PYRENE	
6/27/95	PLGUSH9001	LT	5	ug/i	BENZO (B) FLUORANTHENE	
6/27/95	PLGUSH9001	LT	5	ug/l	BENZO (G,H,I,) PERYLENE	
6/27/95	PLGUSH9001	LT	5	ug/i	BENZO (K) FLUORANTHENE	
6/27/95	PLGUSH9001	LT	5	ug/l	CHRYSÈNE	
6/27/95	PLGUSH9001	LT	5	ug/l	DIBENZO (A,H) ANTHRACENE	
6/27/95	PLGUSH9001	LT	5	ug/l	FLUORANTHÉNE	
6/27/95	PLGUSH9001	LT	5	ug/l	FLUORENE	
6/27/95	PLGUSH9001	LT	5	ug/i	INDENO (1,2,3-CD) PYRENE	
6/27/95	PLGUSH9001	LT	5	ug/l	NAPHTHALENE	
6/27/95	PLGUSH9001	LT	5	ug/l	PHENANTHRENE	
6/27/95	PLGUSH9001	LT	5	ug/l	PYRENE	
6/27/95	PLGUSH9001		0.020	mg/l	IRON, DISSOLVED	
6/27/95	PLGUSH9001		0.024	mg/l	MANGENESE, DISSOLVED	
6/27 <i>/</i> 95	PLGUSH9001	l	75.5	mg/l	MAGNESIUM, DISSOLVED	
6/27/95	PLGUSH9001	LT	0.010	mg/l	BERYLLIUM, DISSOLVED	
6/27/95	PLGUSH9001	LT	0.010	mg/l	CHROMIUM, DISSOLVED	
6/27/95	PLGUSH9001	LŢ	0.010	mg/l	COBALT, DISSOLVED	
6/27/95	PLGUSH9001	LT	0.010	mg/i	COPPER, DISSOLVED ZINC, DISSOLVED	
6/27/95	PLGUSH9001	LT	0.010	mg/l		
						-

Collection Date	Sample Id	Notation	Concentration	Units	Perameter	
6/27/95	PLGDXX9004	LT	0.1		VOLATILE ORGANIC VAPORS	
6/27/95	PLGDXX9004	LT	5	ug/l	ACENAPHTHENE	
6/27/95	PLGDXX9004	LT	5	ועמו	ACENAPHTHYLENE	
6/27/95	PLGDXX9004	ĹΤ	ľš	ug/l	ANTHRACENE	-
6/27/95	PLGDXX9004	ĹŤ	5 5	ug/i	BENZO (A) ANTHRACENE	
6/27/95	PLGDXX9004	LT	5	ug/l		
6/27/95	PLGDXX9004	LT	5		BENZO (A) PYRENE BENZO (B) FLUORANTHENE	
6/27/95	PLGDXX9004	LT	5	ug/l		-
	PLGDXX9004	lit	2	ug/l	BENZO (G,H,L) PERYLENE	
6/27/95			2	ug/l	BENZO (K) FLUORANTHENE	
6/27/95	PLGDXX9004	LŢ	5 5 5	ug/l	CHRYSENE	_
6/27/95	PLGDXX9004	LT	5	ug/l	DIBENZO (A,H) ANTHRACENE	П
6/27/95	PLGDXX9004	LT LT	5	ug/l	FLUORANTHENE	i
6/27/95	PLGDXX9004			ug/l	FLUORENE	
6/27/95	PLGDXX9004	LT	5	ug/l	INDENO (1,2,3-CD) PYRENE	80
6/27/95	PLGDXX9004	LT	5	ug/l	NAPHTHALENE	Ι
6/27/95	PLGDXX9004	LT	5	ug/l	PHENANTHRENE	-
6/27/95	PLGDXX9004	LT	5	π <b>∂</b> /l	PYRENE	
6/27/95	PLGDXX9004	1	0.11	mg/l	NICKEL, DISSOLVED	f
6/27/95	PLGDXX9004		0.64	mg/i	IRON, DISSOLVED	
6/27/95	PLGDXX9004		1.05	mg/l	MANGENESE, DISSOLVED	
6/27/95	PLGDXX9004		61.2	mg/l	MAGNESIUM, DISSOLVED	
6/27 <i>/</i> 95	PLGDXX9004	LT	0.010	mg/l	BERYLLIUM, DISSOLVED	
6/27/95	PLGDXX9004	LT	0.010	mg/l	CHROMIUM, DISSOLVED	9
6/27/95	PLGDXX9004	LT	0.010	mg/l	COBALT, DISSOLVED	
6/27/95	PLGDXX9004	LT	0.010	mg/l	COPPER, DISSOLVED	m
6/27/95	PLGDXX9004	LT	0.010	mg/l	ZINC, DISSOLVED	Ι
6/27/95	PLGDXX9004	LT	0.10	mg/l	ALUMINUM, DISSOLVED	1
6/27/95	PLGDXX9004	]	1748	UMHO/CM	CONDUCTIVITY	
6/27/95	PLGDXX9004		7.0		PH-FIELD	я
6/27/95	PLGDXX9004		1020	mg/l	TOTAL DISSOLVED SOLIDS(FILTERABLE RESI	
6/27/95	PLGDXX9004		581	mg/l	TOTAL SUSPENDED SOLIDS (NON-FILTERABL	
6/27/95	PLGDXX9004		10.0	Deg. C	TEMPERATURE-CENTIGRADE (DEGREES C.)	
6/27/95	PLGDXX9004		510	NTU	TURBIDITY	1
6/27/95	PLGDXX9004	LT	0.0002	mg/l	MERCURY, DISSOLVED	-
6/27/95	PLGDXX9004	LT	0.2	MG/L	FLOURIDE	
6/27/95	PLGDXX9004	<b> </b>	183	mg/l	SULFATE	-
6/27/95	PLGDXX9004	LT	0.02	MG/L	CYANIDE, AMENABLE	L
6/27/95	PLGDXX9004	<b> </b>	0.09	MG/L	CYANIDE, TOTAL	
6/27/95	PLGDXX9004	LT	0.005	mg/l	LEAD, DISSOLVED	
	PLGDXX9004	الله	0.2	ug/l	BENZENE	Т
6/27/95	PLGDXX9004		0.2	ug/l	CHLOROBENZENE	
		LT \	0.2	ug/l	ETHYLBENZENE	
			0.2	ug/t	TOLUENE	-
		LT	0.2	ug/l	TOTAL XYLENES	
		LT	0.1		VOLATILE ORGANIC VAPORS	-
		LT	5	ug/l	ACENAPHTHENE	
		נד	5	ug/i	ACENAPHTHYLENE	
		LT	5	ug/l	ANTHRACENE	
		LT	5	ug/i ug/i	BENZO (A) ANTHRACENE	
	PLGDXX9005	LT	5	•	BENZO (A) PYRENE	-
	PLGDXX9005		5	ug/l	BENZO (B) FLUORANTHENE	
6/27/95		LŢ	5	ug/l	BENZO (G,H,I,) PERYLENE	-
6/27/95	PLGDXX9005	ᄕ		ug/l	BENZO (G, H, I,) PERTLENE BENZO (K) FLUORANTHENE	
	,	LŢ	5	ug/l	CHRYSENE	
	PLGDXX9005	LT .	5	ug/l		
	PLGDXX9005	LT	5	ug/l	DIBENZO (A,H) ANTHRACENE FLUORANTHENE	
	PLGDXX9005	LŢ	2	ug/l	IFLUORENE	-
	PLGDXX9005	LT	5 5 5	ug/l		
6/27/95	PLGDXX9005	LT		ug/l	INDENO (1,2,3-CD) PYRENE	

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Collection Date	Sample Id	Notation	Concentration	Units	Parameter
6/27/95	PLGUSH9001	LT	0.020	mg/l	NICKEL, DISSOLVED
6/27/95	PLGUSH9001	LT	0.10	mg/l	ALUMINUM, DISSOLVED
6/27/95	PLGUSH9001	·	929		CONDUCTIVITY
6/27/95	PLGUSH9001	'	7.6	_	PH-FIELD
6/27/95	PLGUSH9001		604	mg/l	TOTAL DISSOLVED SOLIDS(FILTERABLE RESI
6/27/95	PLGUSH9001		791	mg/l	TOTAL SUSPENDED SOLIDS (NON-FILTERABL
6/27/95	PLGUSH9001		10.0	Deg. C	TEMPERATURE-CENTIGRADE (DEGREES C.)
6/27/95	PLGUSH9001	I. <sub>+</sub>	416	NTU	TURBIDITY
6/27/95	PLGUSH9001	LT	0.0002 0.78	mg/l MG/L	MERCURY, DISSOLVED FLOURIDE
6/27/95	PLGUSH9001 PLGUSH9001		218	mg/L	SULFATE
6/27/95 6/27/95	PLGUSH9001		0.20	MG/L	CYANIDE, AMENABLE
6/27/95	PLGUSH9001		0.20	MG/L	CYANIDE, TOTAL
6/27/95	PLGUSH9001	LT	0.005	mg/l	LEAD, DISSOLVED
6/27/95	PLGUSH9001	LT	0.2	ug/l	BENZENE
6/27/95	PLGUSH9001	LT	0.2	ug/l	CHLOROBENZENE
6/27/95	PLGUSH9001	LT	0.2	ug/l	ETHYLBENZENE
6/27/95	PLGUSH9001	LT	0.2	ug/l	TOLUENE
6/27/95	PLGUSH9001	LT	0.2	ug/l	TOTAL XYLENES
6/27/95	PLGUSH9002	LT	0.1	ľ	VOLATILE ORGANIC VAPORS
6/27/95	PLGUSH9002	LT	5	ug/l	ACENAPHTHENE
6/27/95	PLGUSH9002	LT	5 5 5	ug/l	ACENAPHTHYLENE
6/27 <i>/</i> 95	PLGUSH9002	LT	5	ug/l	ANTHRACENE
6/27/95	PLGUSH9002	LT	5	ug/l	BENZO (A) ANTHRACENE
6/27/95	PLGUSH9002	LT	5	ug/l	BENZO (A) PYRENE
6/27/95	PLGUSH9002	ഥ	5	na\j	BENZO (B) FLUORANTHENE
6/27/95	PLGUSH9002	LT	5	ug/l	BENZO (G.H.I.) PERYLENE
6/27/95	PLGUSH9002	LŢ	5	ug/l	BENZO (K) FLUORANTHENE
6/27/95	PLGUSH9002	LŢ	5	ng∕l	CHRYSENE
6/27/95	PLGUSH9002	LT LT	5 5	n8\Į	DIBENZO (A,H) ANTHRACENE FLUORANTHENE
6/27/95 6/27/95	PLGUSH9002 PLGUSH9002	LT	5	ug/l ug/l	FLUORENE
6/27/95	PLGUSH9002	LT .	5	ug/i	INDENO (1,2,3-CD) PYRENE
6/27/95	PLGUSH9002	LT	5	ug/i	NAPHTHALENE
6/27/95	PLGUSH9002	ĽΤ	5	ug/l	PHENANTHRENE
6/27/95	PLGUSH9002	LT	5	ug/l	PYRENE
6/27/95	PLGUSH9002	<b> </b>	0.079	mg/i	CHROMIUM, DISSOLVED
6/27/95	PLGUSH9002		0.57	mg/l	NICKEL DISSOLVED
6/27/95	PLGUSH9002		0.92	mg/l	MANGENESE, DISSOLVED
6/27/95	PLGUSH9002		4.27	mg/l	IRON, DISSOLVED
6/27/95	PLGUSH9002		45.0	mg/l	MAGNESIUM, DISSOLVED
6/27/95	PLGUSH9002	LT	0.010	mg/i	BERYLLIUM, DISSOLVED
6/27 <i>1</i> 95	PLGUSH9002	LT	0.010	mg/l	COBALT, DISSOLVED
6/27/95	PLGUSH9002	LT	0.010	mg/t	COPPER, DISSOLVED
6/27/95	PLGUSH9002	LT	0.010	mg/l	ZINC, DISSOLVED
6/27/95	PLGUSH9002	LT	0.10	mg/l	ALUMINUM, DISSOLVED
6/27/95	PLGUSH9002		2400	UMHO/CM	CONDUCTIVITY
6/27/95	PLGUSH9002		6.7		PH-FIELD
6/27/95	PLGUSH9002		1300 133	mg/l	TOTAL DISSOLVED SOLIDS(FILTERABLE RESI TOTAL SUSPENDED SOLIDS (NON-FILTERABL
6/27/95	PLGUSH9002		10.0	mg/l Deg. C	ITEMPERATURE-CENTIGRADE (DEGREES C.)
6/27/95 6/27/95	PLGUSH9002 PLGUSH9002		246	NTU	TURBIDITY
6/27/95	PLGUSH9002	LT	0.0002	mg/l	MERCURY, DISSOLVED
6/27/95	PLGUSH9002	<b> -'</b>	0.23	MG/L	FLOURIDE
8/27/95	PLGUSH9002		71.2	mg/l	SULFATE
6/27/95	PLGUSH9002	LT	0.02	MG/L	CYANIDE, AMENABLE
6/27/95	PLGUSH9002	LT	0.02	MG/L	CYANIDE, TOTAL
6/27/95	PLGUSH9002	LT	0.005	mg/l	LEAD, DISSOLVED

Inuisuay, February 22, 1390				1011411		
Collection Date	Sample Id	Notation	Concentration	Units	Parameter	
6/27/95		LT	0.2	ug/l	BENZENE	
6/27/95	PLGUSH9002	LT	0.2	ug/l	CHLOROBENZENE	
6/27/95	PLGUSH9002	LT	0.2	ug/l	ETHYLBENZENE	
6/27/95		LT	0.2	ug/l	TOLUENE	1
<i>6/27/</i> 95	PLGUSH9002_	LT	0.2	ug/l	TOTAL XYLENES	-
6/28/95	PLGUXX9003	_	120	ug/l	ACENAPHTHYLENE	
6/28/95	PLGUXX9003		2.0		VOLATILE ORGANIC VAPORS	-
6/28/95	PLGUXX9003	_	890	ug/l	NAPHTHALENE	
6/28/95	PLGUXX9003	LT	100	ug/l	ACENAPHTHENE	100
6/28/95	PLGUXX9003	LT	100	ug/l	ANTHRACENE	
6/28/95	PLGUXX9003	LT	100	ug/l	BENZO (A) ANTHRACENE	-
6/28/95	PLGUXX9003	LT	100	ug/l	BENZO (A) PYRENE	-
6/28/95	PLGUXX9003	LT	100	пб\J	BENZO (B) FLUORANTHENE	
6/28/95	PLGUXX9003	LT	100	ug/l	BENZO (G,H,I,) PERYLENE	-
6/28/95	PLGUXX9003	LT	100	ug/l	BENZO (K) FLUORANTHENE	
6/28/95	PLGUXX9003	LT	100	ug/l	CHRYSENE	
6/28/95	PLGUXX9003	LT	100	ug/l	DIBENZO (A,H) ANTHRACENE	
6/28/95	PLGUXX9003	LT	100	ug/l	FLUORANTHENE	-
6/28/95	PLGUXX9003	LT	100	ug/l	FLUORENE	L
6/28/95	PLGUXX9003	LT	100	ug/l	INDENO (1,2,3-CD) PYRENE	
6/28/95	PLGUXX9003	LT	100	ug/l	PHENANTHRENE	
6/28/95	PLGUXX9003	LT	100	ug/l	PYRENE	
6/28/95	PLGUXX9003				ALUMINUM, DISSOLVED	
6/28/95	PLGUXX9003			NWHO/CM	CONDUCTIVITY	
6/28/95	PLGUXX9003	1	8.5	Deg. C	TEMPERATURE-CENTIGRADE (DEGREES C.)	-
6/28/95	PLGUXX9003	1		mg/l	FLOURIDE	Ι
6/28/95	PLGUXX9003			MG/L	CYANIDE, AMENABLE	-
6/28/95	PLGUXX9003			MG/L	CYANIDE, TOTAL	_
6/28/95	PLGUXX9003		134	ug/l	TOLUENE	
6/28/95	PLGUXX9003		229	ug/l	TOTAL XYLENES	
6/28/95	PLGUXX9003		4080	ug/l	BENZENE ETIM BENZENE	
6/28/95	PLGUXX9003	L_ L	50	ug/l	ETHYLBENZENE	
6/28/95	PLGUXX9003	LT	10	ug/l	CHLOROBENZENE	
		1	ľ			