New York State Department of Environmental Conservation, Region 5

Division of Environmental Remediation, Michael J. O'Toole, Jr., Director

NYSDEC Region 5

Kingsbury & Fort Edward Landfills Off-Site Assessment

Site Codes: 5-58-008 & 5-58-001

Final Report

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SECTION 1 - EXECUTIVE SUMMARY

The Kingsbury Landfill and the Fort Edward Landfill are located in the towns of Kingsbury and Fort Edward respectively, Washington County, New York. What makes these landfills hazardous waste sites is the PCBs and solvents disposed of in them. The sites are listed on the New York State Department of Environmental Conservation (NYSDEC) Registry of Inactive Hazardous Waste Sites (NYSDEC site numbers 558008 and 558001). The possible off-site contamination and migration of contamination is addressed in this report.

The sites have been separated into two operable units apiece for the purposes of the Department's administrative tracking of the assessment and remediation of each. The terminology used by the Department in the tracking of these sites is that operable units 1 (OU1s) are the remediated landfills themselves, and operable units 2 (OU2s) are the off-site areas for these landfills. For all practical purposes, OU2 for Kingsbury Landfill, and OU2 for the Fort Edward Landfill are the same area; the Old Champlain Canal and the Feeder Tow Canal. In addition, the Kingsbury landfill OU2 also includes Cutter Pond.

The Fort Edward Landfill was capped and a groundwater / leachate collection and treatment system installed in 1998. The Kingsbury Landfill was capped and a groundwater cut-off wall and a leachate collection and treatment system was installed in 1989, although the leachate collection and treatment system is currently idle (OU1s).

The previous work at these sites was for the landfills themselves, not the off-site area. Some information existed for the Feeder Tow Canal, the Old Champlain Canal, and Cutter Pond, but the off site area was never sufficiently investigated to make a determination if additional work should be done. Based on the information from the 1982 O'Brien and Gere Engineering Report, the 1978 Roy F. Weston Report, the 1980 Conceptual Engineering Study, and the Remedial Design reports for the Kingsbury and Fort Edward Landfills, Operation and Maintenance data, and a site inspection, surface water, sediment, and groundwater were determined to be the off-site media of concern.

This document presents the results of activities, to date, conducted by the NYSDEC and others in the off-site area of these two landfills. The goal of this report was to determine whether these portions of the sites (OU2s) should be further defined due to threats posed by any contamination found during the off-site assessment. This determination was based on an assessment of:

1. The presence of hazardous waste as defined by 6NYCRR, Part 371, associated with the sites;
2. The presence of a significant threat to human health and the environment, as defined by 6NYCRR, Part 375; and
3. The presence of hazardous waste and/or hazardous waste constituents in excess of established standards, criteria and Guidance (SCGs).

To supplement existing information an off-site investigation was conducted in 1998. The surface water and sediment in the Feeder Canal and the Old Champlain Canal near the Kingsbury and Fort Edward Landfill Sites (#558008, and 558001) were sampled as part of the off site investigation. Five sediment and surface water samples were taken from the Old Champlain Canal and two surface water and four sediment samples were taken from the Feeder Canal up gradient, adjacent to, and downstream of the sites. Seven points were also sampled in Cutter Pond, downstream of the Kingsbury Landfill. In addition, a previously installed monitoring well (GMW 4) at the Kingsbury Landfill was sampled. The samples were analyzed for volatile organic chemicals, semi-volatile organic chemicals, PCBs and Pesticides, and metals.

Fish tissue data for Cutter Pond is included in this report as well. The fish data was obtained from the Division of Fish, Wildlife, and Marine Resources.

The off-site area contains hazardous waste constituents polychlorinated biphenyls (PCBs), trichloroethylene (TCE), cis-1,2, dichloroethene (DCE), and vinyl chloride (VC). PCBs were detected in every sediment sample from the Old Champlain Canal, and in two sediment samples in the Feeder Tow Canal. PCBs were detected in the groundwater in monitoring well GMW4 down gradient of the Kingsbury Landfill, and in GMW2 during O&M activities. GMW2 is down gradient of the south east corner of the landfill. In Addition, PCBs were detected in Cutter Pond in sediment and fish tissue, albeit at low levels. TCE and its breakdown products DCE and VC were found in groundwater samples down gradient of the Kingsbury Landfill, the surface water of Cutter Pond, and in the sediment of the Feeder and the Old Champlain Canals.

The conclusions reached after analysis of the off-site information and the historical information relating to the landfills themselves, are that there is PCB and TCE contamination of the Feeder Tow Canal and the Old Champlain Canal that is probably the result of contamination from both the Fort Edward and the Kingsbury Landfills. Cutter Pond has one sample location with PCBs in the sediment, and PCBs are in the fish tissue from Cutter Pond. The groundwater down gradient of the Kingsbury Landfill has PCB, TCE, DCE, and VC contamination in it. Additional work is necessary to further define the extent of the PCB contamination in Old Champlain Canal, and establish a database of information for Cutter Pond's fish population as it relates to the protection of human health (currently there is a fishing advisory on this pond) and the environment. Additionally the presence of TCE and its breakdown products DCE, and VC in the groundwater, surface water, and sediments down gradient of the landfills indicate the need for further investigation. Possible contamination in the southern and eastern off site areas of the Fort Edward landfill should be addressed by sampling soil, surface water and sediment in these areas.

These two contamination issues (PCBs, and TCE and its breakdown products DCE and VC) must be further addressed in a Remedial Investigation and Feasibility Study (RI/FS). Defining the nature and extent of the contamination identified in this report, its threat to human health and the environment, and determining the appropriate course of remediation are the basic goals of the RI/FS.

SECTION 2 - INTRODUCTION

2.1 CURRENT SITES DESCRIPTION

The current status of both landfills is that they are both remediated with ongoing maintenance and monitoring.

Fort Edward Landfill:

This landfill was capped and a groundwater / leachate collection and treatment system was installed in 1998. This treatment system consists of a pre-treatment system located in a building on the site, and a constructed wetland treatment system. The system is monitored and maintained to assure that the leachate from the landfill and contaminated groundwater is effectively treated prior to being released to the Feeder Canal. There is also a groundwater diversion system installed up gradient of the landfill to limit the amount of water entering the landfill.

The areas down gradient of the landfill but up gradient of the Feeder Tow and Old Champlain Canals that could have been contaminated by the landfill have since been excavated, replaced, re-graded, and otherwise substantially altered. The samples planned for this area were not taken due to the disturbance the construction activities caused. Work remaining to be done is to sample the area now that construction activities are complete to confirm or deny any off site contamination. Sediment, surface water, and soil are the media that should be sampled. There are historical samples in the southern and eastern areas of the Fort Edward Landfill treatment area that indicate past contamination by PCBs, Vinyl Chloride (VC), cis 1,2, dichloroethene (DCE) and other chemicals in leachate seeps, groundwater; and surface water media (see Appendix B).

Kingsbury Landfill:

This landfill was capped and a slurry wall installed around it in 1989. A leachate collection and treatment system was installed in 1988 to control the higher than anticipated levels of leachate inside the slurry wall. The system was last run in 1991. There are monitoring wells both inside and outside of the wall that are monitored as part of the ongoing monitoring and maintenance for this site. These wells indicate that PCBs, TCE, DCE, and VC are migrating into the groundwater down gradient of the site. There is approximately forty feet of elevation head pressure working on the bottom of the slurry wall on the lower side of the landfill. While it appears from water level measurements taken from wells inside the wall that the level of leachate is not rising to a point that would cause a structural failure of the clay cap covering the landfill and the top of the slurry wall, the above stated contaminants are going either through the wall, under the wall (where it is keyed into the clay layer that the landfill sits on), or through the clay layer under the landfill, and contributing to contamination of the groundwater, the surface water, and the sediment down gradient of this landfill.

2.2 PREVIOUS INVESTIGATIONS & BACKGROUND INFORMATION

2.2.1 PREVIOUS REPORTS AND SAMPLING EVENTS

The data available for these sites, prior to this investigation, is from the 1982 O'Brien & Gere Engineering Report for the Kingsbury and Fort Edward Sites, the 1978 Roy F. Weston Migration of PCBS from Landfills and Dredge Spoil Sites as related to the Hudson River, the 1980 Wehran Engineering Conceptual Engineering Study of Five Disposal Sites Known to have received PCB Wastes, the 1995 URS Final Engineering Report for the Fort Edward Landfill, the 1992 E.C. Jordan Hydrogeologic Report for the Kingsbury Landfill, and the 1992 E.C. Jordan Groundwater Control Alternatives Report for the Kingsbury Landfill, and various sampling events done by DEC over the past few years. Most of this work concentrated on the sites themselves, and not on assessing or defining the extent of off-site contamination and/or the off-site impacts. Some information is available regarding soil, surface water, sediment, and groundwater in the off-site areas, but not comprehensive enough to make a decision as to whether an RI/FS should be done in the off-site area down gradient of these landfills. Data collected as part of the operation and maintenance program provided additional information regarding the nature and extent of probable off-site impacts.

2.2.2 REMEDIAL CONSTRUCTION

2.2.2.1 Ft. Edward Landfill

This landfill was capped and a groundwater / leachate collection and treatment system was installed in 1998.

2.2.2.2 Kingsbury Landfill

This landfill was capped and a slurry wall installed around it in 1989. A leachate collection and treatment system was installed in 1988.

2.2.3 JULY 1997 SITE INSPECTION

A site visit was conducted on Wednesday, July 23, 1997 to determine the scope of work for this investigation. The participants were:

- Russell Mulvey, Project Manager, Region 5, DER
- Kathy McCue, Central Office, DER
- Jim Ludlam, Central Office, DER
- Kevin Farrar, Central Office, DER
- Ron Sloan, Central Office, DFW
- Rich Fedigan, Albany Office, NYSDOH
- Gary Litwin, Albany Office, NYSDOH

The site inspection confirmed that there were no piles of debris related to the landfills in the off-site areas. The media of concern discussed and reviewed during the site inspection were groundwater, and surface water and sediment. Construction activities were noted at the Ft. Edward Landfill and the dramatic change in the nature of the area east of the landfill and up gradient of the Feeder Tow and Old Champlain Canals.

2.2.4 ONGOING MONITORING AND MAINTENANCE

2.2.4.1 Ft. Edward Landfill

This site had a landfill cap and groundwater / leachate collection and treatment system installed in 1998. Monitoring and maintenance activities for this site include leachate / groundwater collection and treatment system maintenance and cap inspection and maintenance. The Maintenance and Monitoring Plan for this site was not completed at the date of this report. Consistent with other remediated landfills in the area however, the Fort Edward Landfill will have an ongoing maintenance and monitoring program associated with it to assure that the remedy continues to work, protecting human health and the environment.

2.2.4.2 Kingsbury Landfill

This landfill was capped and a slurry wall installed around it in 1989. A leachate collection and treatment system was installed in 1988. The leachate collection and treatment system currently is idle. As part of the remedy, the site the site has been maintained and monitored pursuant to the Maintenance and Monitoring Program written in December of 1991, and updated in January of 1997. This maintenance and monitoring program is dynamic in its application, and has been modified throughout the years to address changes in frequency of air sampling, changes in the specific parameters for monitoring for the treatment system discharge, etc. The current description of maintenance and monitoring activities and their frequency include:

- Groundwater Elevation Measurements - quarterly
- Groundwater Monitoring Wells Sampling (table 14) - annually
- Pan Lysimeter Measurements - quarterly
- Site Security (Fence, Gates, and Locks) - quarterly
- Cap Integrity - quarterly
- Air Sampling - periodic
- Leachate Treatment System - Currently Idle
- Leachate Coming Into Treatment System - Currently Idle

The monitoring wells, both inside and outside of the wall, that are monitored for water levels and quality as part of the ongoing monitoring and maintenance for this site indicate that PCBs, TCE, DCE, and VC are migrating into the groundwater down gradient of the site. They also indicate that there is approximately forty feet of elevation head pressure working on the bottom of the slurry wall on the lower side of the landfill. While it appears from water level measurements taken from wells

inside the wall that the level of leachate is not rising to a point that would cause a structural failure of the clay cap covering the landfill and the top of the slurry wall, the above stated contaminants are going either through the wall, under the wall (where it is keyed into the clay layer that the landfill sits on), or through the clay layer under the landfill, and contributing to contamination of the groundwater, the surface water, and the sediment down gradient of this landfill.

2.2.5 MEDIA OF CONCERN IN THE OFF-SITE AREAS

2.2.5.1 Fort Edward Landfill

The surface water, sediment and soil in the southern and eastern areas were not sampled due to construction activities taking place in these areas. Now that construction activities have concluded the sampling of this media should be done. This sampling will be used to determine if there is off site contamination from the landfill in these areas. As this landfill and the immediate off site area down gradient of it drains to the Old Champlain Canal and the Feeder Tow Canal, surface water and sediment in these canals were determined to be the media of concern for this landfill, and were sampled. The groundwater contamination at this landfill is being remediated with the leachate / groundwater collection and treatment system and is being monitored as part of the ongoing maintenance and monitoring program for this landfill.

2.2.5.2 Kingsbury Landfill

The research of the historical files and the site inspection led to the conclusion that the groundwater down gradient of the landfill, Cutter Pond, and the Feeder Tow and Old Champlain Canals were potentially affected areas of this landfill that warranted further investigation. It has been demonstrated previously that this landfill, even though remediated, is discharging contaminants to the groundwater down gradient of its remedy. A determination was made that this did not warrant a corrective action on the landfill's remedy.

2.3 STANDARDS CRITERIA AND GUIDANCE

The off-site area of these sites have various applicable SCGs. The applicability of these SCGs requires that they be considered in the investigation of the off-site areas. The SCGs for the OU-2s are:

- Technical and Administrative Guidance Memorandum (TAGM) 4046.
- Technical Operations and Guidance Series (TOGS) 1.1.1.
- Technical Guidance for Screening Contaminated Sediments.
- 6NYCRR Parts 371 & 375, 376, 700-705.
- DRAFT Air Guide 1 and 6NYCRR Part 211.
- Fish And Wildlife Impact Analysis for Inactive Hazardous Waste Sites (FWIA)

SECTION 3 - SCOPE OF WORK - 1998 FIELD INVESTIGATION

3.1 OFF-SITE INVESTIGATION OBJECTIVE

The primary purpose of the investigation was to collect data to supplement existing information used in determining whether this portion of these sites (operable unit 2's) should be further defined due to threats posed by the contamination. This investigation assessed:

1. The presence of hazardous waste as defined by 6NYCRR, Part 371, associated with these sites;
2. The presence of a significant threat to human health and the environment, as defined by 6NYCRR, Part 375; and
3. The presence of hazardous waste and/or hazardous waste constituents in excess of established standards, criteria and Guidance (SCGs).

This investigation was completed with the minimum number of tasks required to generate sufficient information to make an informed determination.

3.2 HISTORICAL RECORDS REVIEW

The project file for these sites were reviewed including; the 1982 O'Brien & Gere Engineering Report for the Kingsbury and Fort Edward Sites, the 1978 Roy F. Weston Migration of PCBS from Landfills and Dredge Spoil Sites as related to the Hudson River, the 1980 Wehran Engineering Conceptual Engineering Study of Five Disposal Sites Known to have received PCB Wastes, the 1995 URS Final Engineering Report for the Fort Edward Landfill, the 1992 E.C. Jordan Hydrogeologic Report for the Kingsbury Landfill, and the 1992 E.C. Jordan Groundwater Control Alternatives Report for the Kingsbury Landfill. The ongoing monitoring and maintenance for the Kingsbury Landfill on-site remedy was reviewed, and pertinent data was included in this report. DER personnel who were originally involved with the negotiations for the on-site remedies for these sites and the construction of the remedies were also consulted to gain insight into the decisions that were made relative to these sites.

3.3 WORK PLAN, QA/QC PLAN, AND HEALTH AND SAFETY PLAN

The work necessary to conduct the off-site investigation was drafted into a work plan. Also written were a quality assurance / quality control (QA/QC) plan describing planned sampling activities, and a health and safety plan to protect the health and safety of the personnel conducting the work for the off-site investigation, and the surrounding community. The work plan and the other two plans were reviewed and modified as a result of that review. Part of that review included the site inspection in July of 1997 (section 2.2.3). After the work plan and ancillary plans were completed, the field work was done. This work (sampling and surveying) was accomplished from the fall of 1997 into the spring of 1998.

3.4 SAMPLE COLLECTION

Surface water, sediment, and groundwater were sampled during the investigation. The samples were collected to assess the presence of hazardous waste and the release of hazardous waste constituents from the sites. Sample locations are shown in figure 1. Analytical parameters are described below and summarized in table 15, which also specifies the number and type of quality control (QC) samples that were collected during the investigation. Following collection, samples and QC samples were packed with ice in coolers under standard chain-of-custody procedures, and transported a contract laboratory via a parcel delivery service.

3.4.1 GROUNDWATER SAMPLING

An already existing monitoring well (GMW4) located down gradient of the Kingsbury Landfill was sampled in July of 1998. This sample was analyzed for volatiles, semi-volatiles, PCBs / Pesticides, and Metals.

3.4.2 SURFACE WATER AND SEDIMENT SAMPLING

Nine locations along the Old Champlain Canal and Feeder Canal located down gradient of and adjacent to the landfills were sampled (see figure 1). The results of this sampling are shown in tables 1,2, and 4 - 11, and figures 2 and 3. In addition, surface water and sediment were sampled in Cutter Pond.

3.5 SAMPLE ANALYSIS

Samples were analyzed by a NYSDEC contract lab located in Pennsylvania in accordance with the NYSDEC Analytical Services Protocol (ASP). Analytical methods and the contract required quantitation limits (CRQLs) are specified in the QAP. NYSDEC methods 91-1 (VOCs), 91-2 semi-volatile organic compounds (SVOCs), and 91-3 (pesticides and PCBs) were used to analyze organic compounds. Various NYSDEC CLP-M methods were selected for analysis of inorganics.

SECTION 4 - INVESTIGATION RESULTS

4.1 INTRODUCTION

The surface water, sediment, and groundwater were sampled as part of this off site investigation. Nine sediment and six surface water samples were taken from the canals adjacent to and downstream of the sites. Seven locations in Cutter Pond had both surface water and sediment samples taken from them. The groundwater sample was taken from a previously installed groundwater monitoring well (GMW4) at the Kingsbury Landfill. The results are explained below.

4.2 PRESENCE OF HAZARDOUS WASTE AND/OR HAZARDOUS WASTE CONSTITUENTS

4.2.1 Ft. Edward Landfill

The off-site area does not contain any hazardous waste material since waste disposal was confined to the landfill and waste was relocated prior to the installation of the remedy. There were however several hazardous waste constituents found in the sediment and the surface water in the off site area. The most frequently identified class of chemicals were PCBs. PCBs were detected in every sediment sample from the Old Champlain Canal and in two sediment samples from the Feeder Tow Canal. Trichloroethene (TCE) was detected in the sediment of the Feeder Tow and Old Champlain Canals.

4.2.2 Kingsbury Landfill

The off-site area does not contain any hazardous waste material since waste disposal was confined to the landfill and waste was relocated prior to the installation of the remedy. There were however several hazardous waste constituents found in the sediment and the surface water in the off site area. The most frequently identified class of chemicals were PCBs. PCBs were detected in every sediment sample from the Old Champlain Canal and in two sediment samples from the Feeder Tow Canal. PCBs were detected in the groundwater down gradient of the landfill. In addition, PCBs were detected in Cutter Pond in sediment and fish tissue, albeit at low levels. Trichloroethene (TCE) was detected in the surface water of Cutter Pond and in the sediment of the Feeder Tow and Old Champlain Canals. The contamination in the two canals could be a result of contamination from either the Fort Edward landfill, or the Kingsbury Landfill, as leachate and groundwater from them both would have drained to these canals, prior to the remedies being built. TCE and its breakdown products cis-1,2-dichloroethene (DCE) and vinyl chloride (VC) were found in a groundwater sample (GMW4)down gradient of the Kingsbury Landfill. In July of 1998, this monitoring well was sampled. The results are shown in tables 12 and 13 and explained below.

GMW-4:

1. Volatiles, Semi-volatiles, PCBs and Pesticides - PCBs (1242) were detected in the July 1998 sampling at 6.3 ug/l. VC was detected at 190 ug/l. TCE was detected at an estimated result of 7 ug/l. DCE was detected at 370 ug/l. Chlorobenzene was detected at an estimated quantity of 3 ug/l. 1,4-dichlorobenzene was detected at an estimated quantity of 1 ug/l. Caprolactam was detected at an estimated quantity of 22 ug/l. 1,1' dichlorobiphenyl isomer was detected at an estimated quantity of 9 ug/l. PCBs and the TCE and its breakdown products DCE and VC are above the SCGs.

2. Metals - Barium, cobalt, vanadium, and zinc were detected in the sample at levels below the SCGs. These detections of metals are not an indication of an off-site problem, as the levels are below the SCGs for the site.

4.2.3 Specific Water Bodies Results

4.2.3.1 Cutter Pond:

Sediment and Surface Water

1. Volatiles, Semi-volatiles, PCBs & Pesticides - Various chemicals were detected at the seven sampling points shown on figure 1 in Cutter Pond. In the volatile analysis, acetone, methylene chloride, and 2-butanone were detected, but are considered lab artifacts and not site contaminants. Two common sample artifacts, bis(2ethylhexyl)phthalate and di-n-butylphthalate, were detected and not considered site related. The rest of the contaminants listed in table 1 are detected and are representative of the media sampled. The majority of these detections are qualified as estimated. The chemicals listed in table 1 are: chloromethane, acenapthene, dibenzofuran, fluorene, phenanthrene, anthracene, carbazole, fluoranthene, pyrene, benzo(a)anthracene, chrysene, benzo(b)fluoranthene, benzo(a)pyrene, ideno(1,2,3-cd)pyrene, dibenz(a,h)anthracene, benzo(g,h,i)perylene, benzo(k)fluoranthene, diethylphthalate, 1,2,4-trichlorobenzene, and PCB (aroclors 1242 and 1254). The PCBs were found in the sediment at sample location 5 at 1,300 ppb for aroclor 1242 and 310 ppb for aroclor 1254.

2. Metals - The metals detected in Cutter Pond are shown on table 2. None of the metals detected are out of range with normal background levels for the Fort Edward area.

Fish Data

On April 16, 1997 the Department conducted a fish sampling event in Cutter Pond. The results of this sampling event are shown on table 3. Chain pickerel, yellow perch, yellow bullhead, and pumpkin seed were the species sampled. The sample preparation methods used included standard fillet, and whole fish analysis. The results indicate that there is some PCB contamination in the fish at Cutter Pond. However, no sample exceeded the Food and Drug Administration (FDA) guideline for PCBs in fish of 2 ppm. In fact, none of the fish sampled exhibited PCB contamination over 1 ppm. Other chemicals detected in the fish included DDT and one of its break down products, DDE, at part per billion (ppb) levels.

4.2.3.2 Old Champlain Canal:

Sediment and Surface Water

1. Volatiles, Semi-volatiles, PCBs & Pesticides - Various chemicals were detected at five sample locations in the Old Champlain Canal, shown on figure 1. In the volatile analysis, acetone, methylene chloride, and 2-butanone were detected, but are considered lab artifacts and not representative of the sites. Two common sample artifacts, bis(2ethylhexyl)phthalate and di-n-butylphthalate, were detected and not considered related to the sites. The rest of the contaminants listed in tables 4 - 6 are detected and representative of the media sampled. The majority of these detections are qualified as estimated. The chemicals listed in tables 4 - 6 are: phenanthrene,

anthracene, fluoranthene, pyrene, benzo(a)anthracene, chrysene, benzo(b)fluoranthene, benzo(a)pyrene, ideno(1,2,3-cd)pyrene, dibenz(a,h)anthracene, benzo(g,h,i)perylene, benzo(k)fluoranthene, trichloroethene, PCBs (aroclors 1242 and 1248), and alpha-chlordane. The PCBs were detected in the sediment at every sample point in the Old Champlain canal and in the sediment samples in the Feeder Tow Canal in the areas downstream of the landfills. The chlordane was detected at sample location 4 only. The trichloroethene was detected in the sediment at locations 3 and 5.

2. Metals - The metals detected in the Old Champlain Canal are shown on table 7. None of the metals detected are out of range with normal background levels for the Fort Edward area.

4.2.3.3 Feeder Tow Canal:

Sediment and Surface Water

1. Volatiles, Semi-volatiles, PCBs and Pesticides - Various chemicals were detected at the four sampling points shown on figure 1 in the Feeder Canal. In the volatile analysis, acetone, methylene chloride, and 2-butanone were detected, but are considered lab artifacts and not contaminants related to the sites. Two common sample artifacts, bis(2ethylhexyl)phthalate and di-n-butylphthalate, were detected and not considered related to the sites. The rest of the contaminants listed in tables 8 - 10 are detected and are representative of the media sampled. The majority of these detections are qualified as estimated. The chemicals listed in tables 8 - 10 are: trichloroethene, acenapthene, dibenzofuran, fluorene, phenanthrene, anthracene, fluoranthene, pyrene, benzo(a)anthracene, chrysene, benzo(b)fluoranthene, benzo(a)pyrene, ideno(1,2,3-cd)pyrene, dibenz(a,h)anthracene, benzo(g,h,i)perylene, benzo(k)fluoranthene, acenapthylene, 1,4-dichlorobenzene, naphthalene, 2-methylnaphthalene, and PCB (aroclors 1242 and 1254). The PCBs were found in the sediment at sample locations 3 and 4. TCE was found in the sediment at sample location 3.

2. Metals - The metals detected in the Feeder Canal are shown on table 11. None of the metals detected are out of range with normal background levels for the Fort Edward area.

SECTION 5 - OTHER DATA

5.1 SOIL

5.1.1 Ft. Edward Landfill

The table I-5 in Appendix B describes some soil samples taken in the mid to late 1970's. The locations of these sample points are shown on figure I-1. Additional sampling on the landfill itself was done as part of the remedy for OU-1 (see table 5-2 and figure 2-1, URS Engineering Report 1995.)

5.1.2 Kingsbury Landfill

Table I-5 in Appendix B also describes the soil sampling done at this landfill in 1970's. Soil Samples from PA-41, TP-24, and RFW-4 show a trend of PCB contamination in the off-site area, near the limits of the landfill itself. This area has since been covered with the landfill cap, or grading material to reach design elevations for the constructed remedy(i.e., they are no longer off site samples, but on site and secure via the remedy.

5.2 GROUNDWATER

5.2.1 Ft. Edward Landfill

The historical information available for this landfill indicates groundwater contamination by PCBs and volatile organic chemicals (see tables I-1 and figure I-1, as well as figure 5-1 of Appendix B). These sample results indicate the probability that an off site plume of contaminated groundwater would emanate from this landfill, if not for the leachate / groundwater collection and treatment system recently installed. Regarding past contaminated groundwater movement prior to the remedy being installed the most likely receptors would be the Old Champlain Canal and the Feeder Tow Canal. These two canals have been described in previous reports as receiving groundwater.

5.2.2 Kingsbury landfill

The historical information available for this landfill indicates groundwater contamination by PCBs and volatile organic chemicals. Monitoring wells outside the cut-off wall are sampled as part of the ongoing maintenance and monitoring activities for the Kingsbury site. The results of this sampling are shown in table 14. This data indicates a history of low level contamination by PCBs, TCE and its breakdown products in the groundwater outside of the cut off wall, down gradient. The groundwater likely discharges to the Feeder Tow Canal, as well as moves through the subsurface towards the Old Champlain Canal. The water elevation measurements in wells inside and outside of the wall indicate that approximately forty feet of elevation head pressure is working on the bottom of the cut off wall. This contributes to the contamination seen down gradient of the wall. The creation of such a large head difference across the groundwater cut-off wall down gradient of the landfill would accelerate movement of water; through the wall, under the wall where it is keyed into the clay layer beneath it, or through the clay layer itself. The existence of the clay groundwater cut-off wall is a retarding factor in the normal movement of groundwater from the landfill by its design (i.e., a low permeability wall keyed into a low permeability clay layer, and covered by a low permeability cap). However it is also causing a large pressure drop across it by artificially creating an approximate elevation head difference of forty feet, thereby creating a new consideration for groundwater, and subsequently contamination movement.

5.3 AIR

5.3.1 Ft. Edward Landfill

Table I-6 includes air sampling results done in 1980 which showed "non-detect" for PCBs. As part of the ongoing maintenance and monitoring of the remedy for this landfill, air samples will be periodically taken to assure that the remedy is working as designed and not causing the release of any contaminants from the landfill to the air.

5.3.2 Kingsbury Landfill

Table I-6 also includes air sampling results for this landfill, also showing non-detect for PCBs from 1980. As part of the ongoing maintenance and monitoring for this landfill air samples are taken periodically. The latest results of this sampling indicate that there is not a substantial release of contaminants from the landfill to the air.

SECTION 6 - CONCLUSIONS AND RECOMMENDATIONS

The conclusions reached after analysis of the off-site information relating to the landfills themselves, are that there is PCB and TCE contamination of the Feeder Tow Canal and the Old Champlain Canal that is probably the result of contamination from both the Fort Edward and the Kingsbury Landfills. Cutter Pond has one sample location with PCBs, and PCBs are in the fish tissue from Cutter Pond. The groundwater down gradient of the Kingsbury Landfill has PCB, TCE, DCE, and VC contamination in it. Additional work is necessary to further define the extent of the PCB contamination in Old Champlain Canal, and establish a database of information for Cutter Pond's fish population as it relates to the protection of human health (currently there is a fishing advisory on this pond) and the environment. Additionally the presence of TCE and its breakdown products DCE, and VC in the groundwater, surface water, and sediments down gradient of the Kingsbury and Fort Edward Landfills indicate the need for further investigation.

These two contamination issues (PCBs, and TCE and its breakdown products DCE and VC) must be further addressed in a Remedial Investigation and Feasibility Study (RI/FS). Defining the nature and extent of the contamination identified in this report, its threat to human health and the environment, and determining the appropriate course of remediation are the basic goals of the RI/FS.

SECTION 7 - REFERENCES

NYSDEC, 6NYCRR Part 371; Identification and Listing of Hazardous Wastes, Part 375, and Part 597; List of Hazardous Substances.

NYSDEC, Laboratory Reports from Summer '98 surface water, sediment, and groundwater sampling.

NYSDEC, Technical and Administrative Guidance Memoranda (TAGM) 4030 and 4046 .

NYSDEC, Operations and Maintenance files, Region 5 Office, Ray Brook, New York.

NYSDEC, Project files for Kingsbury and Fort Edward Landfills, Region 5 Office, Ray Brook, New York.

OB&G, April 1982, Kingsbury - Fort Edward Sites Engineering Report, O'Brien and Gere Engineers Inc., Syracuse NY.

URS, August 1995, Draft Engineering Report, Work Assignment D002340-31, URS Consultants, Inc., Buffalo NY.

Wehran, 1980. Conceptual Engineering Study of Five Disposal Sites Known to have Received PCB Wastes, Wehran Engineering, P.C., Middletown, New York.

Weston, 1978. Migration of PCBs from Landfills and Dredge Spoil Sites in the Hudson River Valley, New York - Final Report, Weston Environmental Consultants - Designers, West Chester, Pennsylvania.

Table 1: April 23, 1998 Sampling of Cutter Pond Surface Water and Sediment, Kingsbury Landfill, #558008 Off Site Investigation
Volatiles, Semi-volatiles, PCBs, and Pesticides

Sampling Point Number	Chemical Detected	Relevant standards, criteia, or guidance	Amount (ppb) unless noted	Qualifiers	Sample Matrix
1	chloromethane		5	J,B	sediment
40,100 ppm TOC	methylene chloride		14 - 15	J, B	sediment
	acetone		190 - 300	B	sediment
	2-butanone		49 - 93		sediment
	napthalene		62	J	sediment
	acenapthene	140 ug/gOC, EPA, bethnic, (proposed)	80, **2 ug/gOC**	J	sediment
	dibenzofuran		67	J	sediment
	fluorene		120	J	sediment
	phenanthrene	120 ug/gOC, EPA, bethnic, (proposed)	940, **23.4 ug/gOC**		sediment
	anthracene		230	J	sediment
	carbazole		120	J	sediment
	di-n-butylphthalate	50 ppb TOGS 1.1.1	58 (sed), 1 (sw)	J	sediment, and surface water
	fluoranthene	1020 ug/gOC, EPA, bethnic, (proposed)	1000, **24.9 ug/gOC**		sediment
	pyrene		830	J	sediment
	benzo (a) anthracene	1.3 ug/gOC, human health bioaccum.	440, **10.9 ug/gOC**	J	sediment
	chrysene	1.3 ug/gOC, human health bioaccum.	460, **11.5 ug/gOC**	J	sediment
	bis(2-ethylhexyl)phthalate	199.5 ug/gOC, bethnic, 0.6 ppb TOGS 1.1.1	63 (sed), **1.5 ug/gOC**, 5 (sw)	J (sed) & J, B (sw)	sediment, and surface water
	benzo(b)fluoranthene	1.3 ug/gOC, human health bioaccum.	380, **9.47 ug/gOC**	J	sediment
	benzo(k)fluoranthene	1.3 ug/gOC, human health bioaccum.	350, **8.7 ug/gOC**	J	sediment
	benzo(a)pyrene	1.3 ug/gOC, human health bioaccum.	410, **10.2 ug/gOC**	J	sediment
	ideno(1,2,3-cd)pyrene	1.3 ug/gOC, human health bioaccum.	250, **6.2 ug/gOC**	J	sediment
	dibenz(a,h)anthracene		130	J	sediment

Table 1: April 23, 1998 Sampling of Cutter Pond Surface Water and Sediment, Kingsbury Landfill, #558008 Off Site Investigation
Volatiles, Semi-volatiles, PCBs, and Pesticides

Sampling Point Number	Chemical Detected	Relevant standards, criteia, or guidance	Amount (ppb) unless noted	Qualifiers	Sample Matrix
	benzo(g,h,i)perylene		260	J	sediment
2	methylene chloride	200 ppb TOGS 1.1.1	47 (sed) , 3 (sw)	J, B	sediment, and surface water
12,500 ppm TOC	acetone		210	B	sediment
	phenanthrene	120 ug/gOC, EPA, bethnic, (proposed)	160, 12.8 ug/gOC	J	sediment
	fluoranthene	1020 ug/gOC, EPA, bethnic, (proposed)	270, 21.6 ug/gOC	J	sediment
	pyrene		260	J	sediment
	benzo(a)anthracene	1.3 ug/gOC, human health bioaccum.	210, 16.8 ug/gOC	J	sediment
	chrysene	1.3 ug/gOC, human health bioaccum.	260, 20.8 ug/gOC	J	sediment
	bis(2-ethylhexyl)phthalate	199.5 ug/gOC, bethnic, 0.6 ppb TOGS 1.1.1	260 (sed) 20.8 ug/gOC, 2 (sw)	J (sed) & J,B (sw)	sediment, and surface water
	benzo(b)fluoranthene	1.3 ug/gOC, human health bioaccum.	310, 24.8 ug/gOC	J	sediment
	benzo(k)fluoranthene	1.3 ug/gOC, human health bioaccum.	300, 24 ug/gOC	J	sediment
	benzo(a)pyrene	1.3 ug/gOC, human health bioaccum.	310, 24.8 ug/gOC	J	sediment
	ideno(1,2,3-cd)pyrene	1.3 ug/gOC, human health bioaccum.	250, 20 ug/gOC	J	sediment
	benzo(g,h,i)perylene		280	J	sediment
	di-n-butylphthalate		2	J	surface water
3	methylene chloride	200 TOGS 1.1.1	6 - 9 (sed), 1 - 3 (sw)	J, B	sediment, and surface water
30,200 ppm TOC	acetone		120 - 350	E, B	sediment
	2-butanone		25 - 92		sediment
	diethylphthalate	50 ppb TOGS 1.1.1	0.7	J	surface water
	phenanthrene	5 ppbTOGS 1.1.1	1	J	surface water

Table 1: April 23, 1998 Sampling of Cutter Pond Surface Water and Sediment, Kingsbury Landfill, #558008 Off Site Investigation
Volatiles, Semi-volatiles, PCBs, and Pesticides

Sampling Point Number	Chemical Detected	Relevant standards, criteia, or guidance	Amount (ppb) unless noted	Qualifiers	Sample Matrix
	bis(2-ethylhexyl)phthalate	0.6 ppb TOGS 1.1.1	2 - 7	J, B	surface water
4	methylene chloride	200 ppb TOGS 1.1.1	7 (sed), 3 (sw)	J, B	sediment, and surface water
20,000 ppm TOC	acetone		39	B	sediment
	1,2,4-trichlorobenzene	5 ppb TOGS 1.1.1	2	J	surface water
	bis(2-ethylhexyl)phthalate.	0.6 ppb TOGS 1.1.1	7	J, B	surface water
5	PCB, Aroclor 1242	0.008, 2760.8, 19.3, 1.4 ug/gOC	**1300, 13.7 ug/gOC**		sediment
94,300 ppm TOC	PCB, Aroclor 1254	0.008, 2760.8, 19.3, 1.4 ug/gOC	**310, 3.2 ug/gOC**		sediment
	methylene chloride	200 ppb TOGS 1.1.1	9 (sed), 3 (sw)	J, B	sediment, and surface water
	acetone		26	B	sediment
	bis(2-ethylhexyl)phthalate	199.5 ug/gOC, bethnic, 0.6 ppb TOGS 1.1.1	62 (sed), **0.65 ug/gOC**, 5 (sw)	J (sed) & J, B (sw)	sediment, and surface water
6 (field duplicate of point 1)	methylene chloride	200 ppb TOGS 1.1.1	17 - 24 (sed), 3 (sw)	J, B	sediment, and surface water
	acetone		550 - 750	E, B	sediment
	2-butanone		190		sediment
TCLP1	2- butanone (TCLP test)		9	J, B	TCLP extract
TCLP2	2-butanone (TCLP test)		8	J, B	TCLP extract

Notes: The qualifier "J" denotes an estimated quantity. The qualifier "B" denotes a probable lab artifact, and the qualifier "E" denotes that this sample result is a result of a dilution, as the original sample was outside of the limits for the equipment.

Table 2: April 23, 1998 Sampling of Cutter Pond Surface Water and Sediment Kingsbury Landfill, #558008 Off Site Investigation Metals, sw in ppb, sed in ppm									
Parameter	Sediment SCG*	surface water SCG	1 sediment	1 surface water 101 ppmhdns	2 sediment	2 surface water 98.2 ppmhdns	3 sediment	3 surface water 95.4 ppmhdns	4 sediment
antimony	2 - 25	3 ppb	ND	ND	ND	ND	ND	ND	ND
arsenic	6 - 33	190 ppb dissolved	5.4	ND	5.0	4.2	2.1	ND	6.4
barium	NS	1000 ppb	57.0	45.8	96.8	34.0	81.4	8.3	273
beryllium	NS	** 1,100 ug/l	0.40	ND	0.55	ND	0.51	ND	1.4
cadmium	0.6 - 9.0	NS	ND	ND	4.6	ND	ND	ND	ND
chromium	26 - 110	exp(0.819[ln(ppm hardness)]+1.561)	13.3	5.8 **208.7**	19.1	2.8 **203.9**	20.2	ND **199.1**	48.2
cobalt	NS	NS	5.8	1.6	8.0	ND	4.5	ND	18.8
copper	16 - 50	exp(0.8545[ln(ppm hardness)]-1.465)	11.0	7.4 **11.9**	30.0	6.5 **11.6**	7.4	ND **11.3**	37.5
lead	31 - 110	exp(1.266[ln(ppm hardness)]-4.661)	29.3	8.1 **3.3**	93.6	7.9 **3.1**	9.4	2.6 **3.0**	15.6
mercury	0.15 - 1.3	0.2 ppb	0.12	ND	0.10	ND	0.05	ND	ND
nickel	16 - 50	exp(0.76[ln(ppm harness)]+1.06)	9.5	5.0 **96.3**	20.0	3.7 **94.3**	9.8	ND **92.2**	52.0
selenium	NS	1.0 ppb applies to acid soluble form	2.4	4.5	ND	ND	1.5	ND	0.92
silver	1 - 2.2	0.1 ppb ionic silver	ND	ND	ND	ND	ND	ND	ND
thallium	NS	8 ppb	3.7	ND	ND	ND	1.1	ND	1.7
vanadium	NS	14 ppb	22.1	8.6	26.7	4.1	29.6	ND	52.0
zinc	120 - 270	30 ppb	89.2	28.5	74.2	18.9	41.3	3.4	94.5
tin	NS	NS	4.0	ND	4.5	ND	2.1	ND	1.5

Notes: *= lower value represents the lowest effect level, higher value represents the severe effect level (Division of Fish and Wildlife November 1993 Technical Guidance for Screening Contaminated Sediments), **= 11ug/l when hardness is ≤ 75 ppm, 1,100 ug/l when hardness is > 75 ppm. NS=No established standard exists. ND=non-detect. **Bold** values are surface water SCGs based on the samples hardness. Values of hardness are given in the top of the columns.

Table 2 (cont'd): April 23, 1998 Sampling of Cutter Pond Surface Water and Sediment Kingsbury Landfill, #558008 Off Site Investigation Metals, sw in ppb, sed in ppm					
Parameter	Sediment SCG*	surface water SCG	4 surface water 97 ppmhdns	5 sediment	5 surface water 103 ppmhdns
antimony	2 - 25	3 ppb	ND	ND	ND
arsenic	6 - 33	190 ppb dissolved	ND	3.5	ND
barium	NS	1000 ppb	13.2	10.6	10.6
beryllium	NS	** 1,100 ug/l	ND	0.79	ND
cadmium	0.6 - 9.0	NS	ND	ND	ND
chromium	26 - 110	exp(0.819[ln(ppm hardness)]+1.561)	ND **201.9**	23.3	ND **212**
cobalt	NS	NS	ND	9.4	ND
copper	16 - 50	exp(0.8545[ln(ppm hardness)]-1.465)	1.5 **11.5**	15.5	1.9 **12.1**
lead	31 - 110	exp(1.266[ln(ppm hardness)]-4.661)	3.2 **3.1**	7.8	ND **3.3**
mercury	0.15 - 1.3	0.2 ppb	ND	ND	ND
nickel	16 - 50	exp(0.76[ln(ppm harness)]+1.06)	1.3 **93.4**	19.6	1.6 **97.7**
selenium	NS	1.0 ppb applies to acid soluble form	ND	0.64	ND
silver	1 - 2.2	0.1 ppb ionic silver	ND	ND	ND
thallium	NS	8 ppb	ND	1.6	ND
vanadium	NS	14 ppb	1.3	34.7	ND
zinc	120 - 270	30 ppb	2.2	57.1	2.5
tin	NS	NS	ND	1.5	ND

Notes: *= lower value represents the lowest effect level, higher value represents the severe effect level (Division of Fish and Wildlife November 1993 Technical Guidance for Screening Contaminated Sediments), **= 11ug/l when hardness is ≤ 75 ppm, 1,100 ug/l when hardness is > 75 ppm. NS=No established standard exists. ND=non-detect. **Bold** values are surface water SCGs based on the samples hardness. Values of hardness are given in the top of the columns.

Table 3: Fish Tissue Sample Results From Cutter Pond, Sampled on April 16, 1997

LABNO	Percent Moisture %	Percent Lipids %	Aroclor 1016	Aroclor 1254 & 1260	dde	ddd	ddt	mirex	Photomirex	hexachlorobenzene	oxychlordane	trans-chlordane (gamma)	cis-chlordane (alpha)
0325-97-H	80.3	0.43	-0.020	0.021	-0.002	-0.002	-0.002	-0.002	-0.005	-0.002	-0.010	-0.005	-0.005
0326-97-H	82.2	0.39	-0.020	0.033	-0.002	-0.002	-0.002	-0.002	-0.005	-0.002	-0.010	-0.005	-0.005
0327-97-H	82.0	0.42	-0.020	0.023	-0.002	-0.002	-0.002	-0.002	-0.005	-0.002	-0.010	-0.005	-0.005
0328-97-H	81.5	0.54	-0.020	-0.020	-0.002	-0.002	-0.002	-0.002	-0.005	-0.002	-0.010	-0.005	-0.005
0329-97-H	81.7	0.38	-0.020	-0.020	-0.002	-0.002	-0.002	-0.002	-0.005	-0.002	-0.010	-0.005	-0.005
0330-97-H	80.0	0.32	-0.020	0.026	-0.002	-0.002	-0.002	-0.002	-0.005	-0.002	-0.010	-0.005	-0.005
0331-97-H	81.6	1.39	-0.020	0.047	-0.002	-0.002	-0.002	-0.002	-0.005	-0.002	-0.010	-0.005	-0.005
0332-97-H	81.3	0.42	-0.020	0.056	-0.002	-0.002	-0.002	-0.002	-0.005	-0.002	-0.010	-0.005	-0.005
0333-97-H	82.2	0.39	-0.020	0.068	-0.002	-0.002	-0.002	-0.002	-0.005	-0.002	-0.010	-0.005	-0.005
0334-97-H	81.1	0.52	0.021	0.077	-0.002	-0.002	-0.002	-0.002	-0.005	-0.002	-0.010	-0.005	-0.005
0335-97-H	80.3	0.39	-0.020	0.064	-0.002	-0.002	-0.002	-0.002	-0.005	-0.002	-0.010	-0.005	-0.005
0336-97-H	81.9	0.33	-0.020	0.022	-0.002	-0.002	-0.002	-0.002	-0.005	-0.002	-0.010	-0.005	-0.005
0337-97-H	81.9	0.48	0.028	0.059	-0.002	-0.002	-0.002	-0.002	-0.005	-0.002	-0.010	-0.005	-0.005
0338-97-H	82.9	1.30	0.137	0.229	0.004	-0.002	0.003	-0.002	-0.005	-0.002	-0.010	-0.005	-0.005
0339-97-H	83.8	0.28	-0.020	0.023	-0.002	-0.002	-0.002	-0.002	-0.005	-0.002	-0.010	-0.005	-0.005
0340-97-H	83.2	0.39	0.022	0.043	-0.002	-0.002	-0.002	-0.002	-0.005	-0.002	-0.010	-0.005	-0.005
0341-97-H	82.9	0.45	-0.020	0.022	-0.002	-0.002	-0.002	-0.002	-0.005	-0.002	-0.010	-0.005	-0.005
0342-97-H	81.5	1.27	0.074	0.134	0.002	-0.002	0.002	-0.002	-0.005	-0.002	-0.010	-0.005	-0.005
0343-97-H	81.3	0.65	-0.020	0.053	-0.002	-0.002	-0.002	-0.002	-0.005	-0.002	-0.010	-0.005	-0.005
0344-97-H	80.4	0.74	0.038	0.118	-0.002	-0.002	-0.002	-0.002	-0.005	-0.002	-0.010	-0.005	-0.005
0345-97-H	81.3	0.77	0.094	0.407	0.004	-0.002	0.004	-0.002	-0.005	-0.002	-0.010	-0.005	-0.005
0346-97-H	82.8	0.53	-0.020	0.052	-0.002	-0.002	-0.002	-0.002	-0.005	-0.002	-0.010	-0.005	-0.005

Table 3: Fish Tissue Sample Results From Cutter Pond, Sampled on April 16, 1997

LABNO	Percent Moisture %	Percent Lipids %	Aroclor 1016	Aroclor 1254 & 1260	dde	ddd	ddt	mirex	Photomirex	hexachlorobenzene	oxychlordane	trans-chlordane (gamma)	cis-chlordane (alpha)
0347-97-H	81.8	0.46	-0.020	0.037	-0.002	-0.002	-0.002	-0.002	-0.005	-0.002	-0.010	-0.005	-0.005
0348-97-H	81.7	0.88	0.020	0.082	-0.002	-0.002	-0.002	-0.002	-0.005	-0.002	-0.010	-0.005	-0.005
0349-97-H	81.1	0.82	0.028	0.050	-0.002	-0.002	-0.002	-0.002	-0.005	-0.002	-0.010	-0.005	-0.005
0350-97-H	77.8	1.64	0.075	0.211	0.003	-0.002	0.002	-0.002	-0.005	-0.002	-0.010	-0.005	-0.005
0351-97-H	80.3	2.67	0.132	0.197	0.003	-0.002	0.003	-0.002	-0.005	-0.002	-0.010	-0.005	-0.005
0352-97-H	77.5	1.96	0.089	0.248	0.003	-0.002	0.003	-0.002	-0.005	-0.002	-0.010	-0.005	-0.005
0353-97-H	81.5	0.73	0.026	0.287	0.003	-0.002	0.002	-0.002	-0.005	-0.002	-0.010	-0.005	-0.005
0354-97-H	81.7	0.72	0.041	0.289	0.003	-0.002	0.003	-0.002	-0.005	-0.002	-0.010	-0.005	-0.005
0355-97-H	78.0	1.78	0.079	0.568	0.007	-0.002	0.006	-0.002	-0.005	-0.002	-0.010	-0.005	-0.005
0356-97-H	79.0	1.10	0.028	0.259	0.004	-0.002	0.003	-0.002	-0.005	-0.002	-0.010	-0.005	-0.005
0357-97-H	76.9	0.97	0.064	0.229	0.003	-0.002	0.002	-0.002	-0.005	-0.002	-0.010	-0.005	-0.005
0358-97-H	76.8	1.29	0.125	0.307	0.004	-0.002	0.003	-0.002	-0.005	-0.002	-0.010	-0.005	-0.005
0359-97-H	79.8	0.67	0.062	0.072	-0.002	-0.002	-0.002	-0.002	-0.005	-0.002	-0.010	-0.005	-0.005
0360-97-H	76.8	1.74	0.190	0.272	0.005	-0.002	0.003	-0.002	-0.005	-0.002	-0.010	-0.005	-0.005
0361-97-H	77.1	2.63	0.279	0.418	0.006	0.002	0.005	-0.002	-0.005	-0.002	-0.010	-0.005	-0.005
0362-97-H	78.8	1.19	0.085	0.195	0.003	-0.002	0.002	-0.002	-0.005	-0.002	-0.010	-0.005	-0.005

Notes: All chemical results shown are in parts per million. A negative value indicates non-detect.

Species abbreviations: CHP=Chain Pickerel, YP=Yellow Perch, YB=Yellow Bullhead, PKSD=Pumpkinseed

Preparation Methods: SF=Standard Fillet, W=Whole Fish, W-H/V=Whole - [Head + Viscera]

Table 3 (cont'd): Fish Tissue Sample Results From Cutter Pond, Sampled on April 16, 1997											
LABNO	transnonchlor	dieldrin	endrin	Tag No.	Species	Sampling Date	sex	preparation method	length (mm)	weight (g)	number of fish analyzed
0325-97-H	-0.005	-0.005	-0.005	131301	CHP	19970416		SF	414	432	1
0326-97-H	-0.005	-0.005	-0.005	131302	CHP	19970416		SF	432	480	1
0327-97-H	-0.005	-0.005	-0.005	131303	CHP	19970416	F	SF	425	467	1
0328-97-H	-0.005	-0.005	-0.005	131304	CHP	19970416		SF	402	350	1
0329-97-H	-0.005	-0.005	-0.005	131305	CHP	19970416	F	SF	395	359	1
0330-97-H	-0.005	-0.005	-0.005	131306	CHP	19970416	F	SF	386	305	1
0331-97-H	-0.005	-0.005	-0.005	131307	CHP	19970416		SF	385	341	1
0332-97-H	-0.005	-0.005	-0.005	131308	CHP	19970416		SF	385	308	1
0333-97-H	-0.005	-0.005	-0.005	131309	CHP	19970416		SF	333	220	1
0334-97-H	-0.005	-0.005	-0.005	131310	CHP	19970416		SF	364	260	1
0335-97-H	-0.005	-0.005	-0.005	131311	CHP	19970416		SF	320	180	1
0336-97-H	-0.005	-0.005	-0.005	131312	CHP	19970416		SF	288	138	1
0337-97-H	-0.005	-0.005	-0.005	139382	YP	19970416	M	SF	307	310	1
0338-97-H	-0.005	-0.005	-0.005	139383	YP	19970416	M	SF	309	352	1
0339-97-H	-0.005	-0.005	-0.005	139384	YP	19970416	F	SF	299	351	1
0340-97-H	-0.005	-0.005	-0.005	139385	YP	19970416	M	SF	301	298	1
0341-97-H	-0.005	-0.005	-0.005	139386	YP	19970416	F	SF	303	350	1
0342-97-H	-0.005	-0.005	-0.005	139387	YP	19970416	F	SF	270	285	1
0343-97-H	-0.005	-0.005	-0.005	139388	YP	19970416	F	SF	252	213	1
0344-97-H	-0.005	-0.005	-0.005	139389	YP	19970416	M	SF	261	228	1
0345-97-H	-0.005	-0.005	-0.005	139390	YP	19970416	M	SF	249	190	1

Table 3 (cont'd): Fish Tissue Sample Results from Cutter Pond, Sampled on April 16, 1997											
LABNO	transnonchlor	dieldrin	endrin	Tag No.	Species	Sampling Date	sex	preparation method	length (mm)	weight (g)	number of fish analyzed
0346-97-H	-0.005	-0.005	-0.005	139391	YP	19970416	F	SF	226	250	1
0347-97-H	-0.005	-0.005	-0.005	139392	YP	19970416	F	SF	240	139	1
0348-97-H	-0.005	-0.005	-0.005	139393	YP	19970416	F	SF	245	185	1
0349-97-H	-0.005	-0.005	-0.005	139394	YP	19970416	F	SF	229	140	1
0350-97-H	-0.005	-0.005	-0.005	139395	YB	19970416		SF	229	141	1
0351-97-H	-0.005	-0.005	-0.005	139396	YB	19970416		SF	219	132	1
0352-97-H	-0.005	-0.005	-0.005	139397	YB	19970416		SF	237	191	1
0353-97-H	-0.005	-0.005	-0.005	139398	YB	19970416		SF	282	299	1
0354-97-H	-0.005	-0.005	-0.005	139399	YB	19970416		SF	283	290	1
0355-97-H	-0.005	-0.005	-0.005	139400	YB	19970416		SF	325	459	1
0356-97-H	-0.005	-0.005	-0.005	131294	PKSD	19970416		W	97	16	1
0357-97-H	-0.005	-0.005	-0.005	131295	PKSD	19970416		W	126	38	1
0358-97-H	-0.005	-0.005	-0.005	131296	PKSD	19970416		W	139	48	1
0359-97-H	-0.005	-0.005	-0.005	131297	PKSD	19970416		W-H/V	196	179	1
0360-97-H	-0.005	-0.005	-0.005	131298	PKSD	19970416		W-H/V	192	159	1
0361-97-H	-0.005	-0.005	-0.005	131299	PKSD	19970416		W-H/V	212	222	1
0362-97-H	-0.005	-0.005	-0.005	131300	PKSD	19970416		W-H/V	191	169	1

Notes: All chemical results shown are in parts per million. A negative value indicates non-detect.

Species abbreviations: CHP=Chain Pickerel, YP=Yellow Perch, YB=Yellow Bullhead, PKSD=Pumpkinseed

Preparation Methods: SF=Standard Fillet, W=Whole Fish, W-H/V=Whole - [Head + Viscera]

Table 4: Volatile Sample Results for the Old Champlain Canal Ft. Edward & Kingsbury Landfill, 558001 & 558008 Sampling Date: 04/30/98(in ppb)			
Sample Number	Parameter	Result	Regulatory Standard or Guidance
CHC1SW	acetone	4 (JB)	50 ppb (TOGS1.1.1)
	2-butanone	4 (J)	50 ppb (Title 5 NYSDOH)
CHC1SED	methylene chloride	3 (JB)	
	2-butanone	4 (J)	
CHC2SW	methylene chloride	3 (JB)	200 ppb (TOGS1.1.1)
	2-butanone	4 (J)	50 ppb (Title 5 NYSDOH)
CHC2SED	methylene chloride	3 (JB)	
7,770 ppm TOC	acetone	15 (B)	
	2-butanone	8 (J)	
	trichloroethene	3 (J)	15.5
CHC3SW	methylene chloride	3 (JB)	200 ppb (TOGS1.1.1)
	2-butanone	4 (J)	50 ppb (Title 5 NYSDOH)
CHC3SED	methylene chloride	4 (JB)	
2,460 ppm TOC	acetone	3 (JB)	
	trichloroethene	8	4.9
CHC4SW	methylene chloride	3 (JB)	200 ppb (TOGS1.1.1)
	acetone	7 (JB)	50 ppb (TOGS1.1.1)
	2-butanone	4 (J)	50 ppb (Title 5 NYSDOH)
CHC4SED &	methylene chloride	7 (JB), 9 (JB)	
CHC4SED reprep	acetone	300 (JB), 130 (B)	
	2-butanone	66, 34	
CHC5SW	methylene chloride	3 (JB)	200 ppb (TOGS1.1.1)
	acetone	3 (JB)	50 ppb (TOGS1.1.1)
	2-butanone	5 (J)	50 ppb (Title 5 NYSDOH)
CHC5SED	methylene chloride	3 (JB)	
580 ppm TOC	2-butanone	4 (J)	
	trichloroethene	3 (J)	1.2

Table 5: Semi-volatile Sample Results for the Old Champlain Canal
Ft. Edward & Kingsbury Landfill, 558001 & 558008
Sampling Date: 04/30/98
(in ppb)

Sample Number	Parameter	Result	Regulatory Standard or Guidance
CHC1SED	phenanthrene	24 (J)	134.4
1,120 ppm TOC	flouranthene	58 (J)	1142.4
	pyrene	76 (J)	
	benzo(a)anthracene	33 (J)	1.8
	chrysene	43 (J)	1.8
	benzo(b)flouranthene	31 (J)	1.8
	benzo(k)flouranthene	34 (J)	1.8
	benzo(a)pyrene	35 (J)	1.8
CHC2SED	phenanthrene	25 (J)	932.4
7,770 ppm TOC	flouranthene	68 (J)	7925.4
	pyrene	80 (J)	
	benzo(a)anthracene	51 (J)	12.4
	chrysene	60 (J)	12.4
	benzo(b)flouranthene	46 (J)	12.4
	benzo(k)flouranthene	48 (J)	12.4
	benzo(a)pyrene	56 (J)	12.4
	ideno(1,2,3-cd)pyrene	29 (J)	12.4
	benzo(g,h,i)perylene	26 (J)	
CHC3SW	di-n-butylphthalate	0.6 (J)	50 ppb (Title 5 NYSDOH)
CHC3SED	phenanthrene	30 (J)	295.2
2,460 ppm TOC	flouranthene	64 (J)	2509.2
	pyrene	93 (J)	
	benzo(a)anthracene	50 (J)	3.9
	chrysene	56 (J)	3.9
	benzo(b)flouranthene	55 (J)	3.9
	benzo(k)flouranthene	61 (J)	3.9
	benzo(a)pyrene	66 (J)	3.9

Table 5: Semi-volatile Sample Results for the Old Champlain Canal
Ft. Edward & Kingsbury Landfill, 558001 & 558008
Sampling Date: 04/30/98
(in ppb)

Sample Number	Parameter	Result	Regulatory Standard or Guidance
in MS and MSD	benzo(g,h,i)perylene	41 (J), 37 (J)	
in MS and MSD	bis(2-ethylhexyl)phthalate	29 (J), 35 (J)	490.8
CHC4SED	acenapthylene	95 (J)	
10,600 ppmTOC	phenanthrene	210 (J)	1,272
	anthracene	77 (J)	
	flouranthene	590 (J)	10,812
	pyrene	750 (J)	
	benzo(a)anthracene	390 (J)	17.0
	chrysene	500 (J)	17.0
	bis(2-ethylhexyl)phthalate	190 (J)	2,114.7
	benzo(b)flouranthene	430 (J)	17.0
	benzo(k)flouranthene	440 (J)	17.0
	benzo(a)pyrene	470 (J)	17.0
	ideno(1,2,3-cd)pyrene	280 (J)	17.0
	dibenzo(a,h)athracene	90 (J)	
	benzo(g,h,i)perylene	300 (J)	
CHC5SW	bis(2-ethylhexyl)phthalate	7 (JB)	0.6 ppb (TOGS1.1.1)

Notes: (J) is a qualifier indicating an estimated quantity, (JB) indicates that it is an estimated quantity in addition to being present in a blank (probable lab artifact).

Table 6: PCBs/Pesticides Sample Results for the Old Champlain Canal Ft. Edward & Kingsbury Landfill, 558001 & 558008 Sampling Date: 04/30/98(in ppb)			
Sample Number	Parameter	Result	Regulatory Standard or Guidance
CHC1SED & reprep 1,120 ppm TOC	PCB, aroclor 1242	52, 220	0.0009, 3031.6, 21.6, 1.6
CHC2SED & reprep 7,770 ppm TOC	PCB, aroclor 1248	50, 110	0.006, 21031.8, 150, 10.9
CHC3SED & reprep 2,460 ppm TOC	PCB, aroclor 1248	430, 130	0.002, 6658.7, 47.5, 3.4
CHC3SED MS & MSD	PCB, aroclor 1248	34 (J), 71	0.002, 6658.7, 47.5, 3.4
CHC4SED reprep	alpha-chlordane	11	0.01, 14.8, 0.32, 0.06
10,600 ppm TOC	PCB, aroclor 1248	680	0.008, 2869.2, 204.6, 14.8
CHC5SED reprep 580 ppm TOC	PCB, aroclor 1248	45	0.0004, 1569.9, 11.9, 0.8
CHC5SED MS &MSD	PCB, aroclor 1248	94, 42 (J)	0.0004, 1569.9, 11.9, 0.8

Notes: (J) indicates an estimated quantity. MS = Matrix Spike, MSD = Matrix Spike Duplicate, reprep = sample reprepared and analyzed again.

Table 7: Metals Sample Results for the Old Champlain Canal, Ft. Edward & Kingsbury Landfill, 558001 & 558008 Sampling Date: 04/30/98
(Results are in ppb for SW and ppm for SED)

Parameter	Surface Water SCGs, 69.6 ppm hardness	Sediment SCGs*	CHC1SW	CHC1SED	CHC2SW	CHC2SED	CHC3SW	CHC3SED	CHC4SW	CHC4SED	CHC5SW	CHC5SED
antimony	3 ppb	2 - 25	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
arsenic	190 ppb dissolved	6 - 33	ND	0.91	ND	0.82	ND	0.92	3.4	3.3	ND	0.95
barium	1000 ppb	NS	13.6	15.6	14.8	16.3	13.6	15.3	8.8	102	14.0	13.6
beryllium	**, 11 ppb	NS	ND	0.16	ND	0.19	ND	0.16	ND	0.74	ND	0.13
cadmium	NS	0.6 - 9.0	ND	ND	ND	ND	ND	0.68	ND	3.8	ND	ND
chromium	exp(0.819[ln(ppm hardness)]+1.561) **153.8 ppb**	26 - 110	ND	4.2	ND	4.8	ND	5.2	ND	31.1	ND	2.6
cobalt	NS	NS	ND	2.3	ND	2.3	ND	2.7	ND	9.2	ND	1.8
copper	exp(0.8545[ln(ppm hardness)]-1.465) **8.6 ppb**	16 - 50	1.5	3.3	1.3	4.6	1.2	3.4	1.5	39.6	1.9	2.6
lead	exp(1.266[ln(ppm hardness)]-4.661) **2.0 ppb**	31 - 110	ND	13.4	5.0	16.3	ND	10.9	2.8	120	7.2	7.3
mercury	0.2 ppb	0.15 - 1.3	ND	0.06	ND	0.11	ND	0.03	ND	0.98	ND	ND
nickel	exp(0.76[ln(ppm harness)]+1.06) **72.6 ppb**	16 - 50	ND	4.0	ND	4.5	ND	3.9	ND	22.4	ND	3.2
selenium	1.0 ppb applies to acid soluble form	NS	ND	ND	ND	ND	ND	ND	ND	1.6	ND	ND
silver	0.1 ppb ionic silver	1 - 2.2	ND	ND	ND	ND	ND	ND	ND	0.51	ND	ND
thallium	8 ppb	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
vanadium	14 ppb	NS	ND	7.1	ND	8.6	ND	10.9	ND	32.2	ND	5.5
zinc	30 ppb	120 - 270	3.0	48.2	5.6	52.4	3.4	36.4	4.7	249	3.9	30.6
tin	NS	NS	ND	2.9	ND	1.5	ND	1.5	ND	6.4	36.1	0.99

Notes: ND indicates that the parameter was not detected in the sample analysis. NS=No established standard exists. "*" indicates the range of established sediment criteria. The lower value indicates the value at which a moderate effect would be expected. The higher value indicates a severe effect. "**" = 11 ug/l when hardness is ≤ 75 ppm. 1,100 ug/l when hardness > 75 ppm.

Table 8: Volatile Sample Results for the Feeder Canal, Ft. Edward & Kingsbury Landfill, 558001 & 558008 Sampling Date: 05/06/98(in ppb)			
Sample Number	Parameter	Result	Regulatory Standard or Guidance
FC1SW, MS, & MSD	methylene chloride	7 (B), 7 (B), 10 (B)	200 ppb (TOGS1.1.1)
	acetone	3 (JB), 5 (JB), 5 (JB)	50 ppb (TOGS1.1.1)
FC1SED, MS	methylene chloride	6 (JB), 5 (JB)	
	acetone	20 (B), 25 (B)	
	2-butanone	7 (B), 8 (B)	
FC2SW	methylene chloride	1 (JB)	200 ppb (TOGS1.1.1)
FC2SED	methylene chloride	6 (JB)	
	acetone	14 (B)	
	2-butanone	6 (J)	
FC3SED	methylene chloride	8 (B)	
8,300 ppm TOC	trichloroethene	2 (J)	16.6
FC4SED	methylene chloride	17 (B)	5 ppb (TOGS1.1.1)

Table 9: Semi-volatile Sample Results for the Feeder Canal, Ft. Edward & Kingsbury Landfill, 558001 & 558008 Sampling Date: 05/06/98(in ppb)			
Sample Number	Parameter	Result	Regulatory Standard or Guidance
FC1SW	di-n-butylphthalate	0.8 (JB)	50 ppb (Title 5 NYSDOH)
FC1SED	acenaphthylene	48 (J)	
15,500 ppmTOC	acenaphthene	34 (J)	2,170
	dibenzofuran	22 (J)	
	flourene	57 (J)	
	phenanthrene	440	6,820
	anthracene	200 (J)	
	flouranthene	1200	15,810
	pyrene	1100	
	benzo(a)anthracene	630	24.8
	chrysene	580	24.8
	benzo(b)flouranthene	340 (J)	24.8
	benzo(k)flouranthene	460	24.8
	benzo(a)pyrene	510	24.8
	ideno(1,2,3-cd)pyrene	220 (J)	24.8
	dibenz(a,h)anthracene	95 (J)	
	benzo(g,h,i)perylene	220 (J)	
FC2SW	di-n-butylphthalate	0.8 (JB)	50 ppb (Title 5 NYSDOH)
FC2SED	acenaphthylene	49 (J)	
2,260 ppm TOC	phenanthrene	150 (J)	271.2
	anthracene	53 (J)	
	fluoranthene	400 (J)	2,305.2
	pyrene	480	
	benzo(a)anthracene	260 (J)	3.6
	chrysene	290 (J)	3.6

Table 9: Semi-volatile Sample Results for the Feeder Canal, Ft. Edward & Kingsbury Landfill, 558001 & 558008 Sampling Date: 05/06/98(in ppb)			
Sample Number	Parameter	Result	Regulatory Standard or Guidance
	bis(2-ethylhexyl)phthalate	44 (J)	450.9
	benzo(b)fluoranthene	200 (J)	3.6
	benzo(k)fluoranthene	210 (J)	3.6
	benzo(a)pyrene	270 (J)	3.6
	ideno(1,2,3-cd)pyrene	130 (J)	3.6
	dibenz(a,h)anthracene	67 (J)	
	benzo(g,h,i)perylene	140 (J)	
FC3SED	fluoranthene	62 (J)	8,466
8,300 ppm TOC	pyrene	81 (J)	
	benzo(a)anthracene	50 (J)	13.3
	chrysene	58 (J)	13.3
	benzo(b)fluoranthene	44 (J)	13.3
	benzo(k)fluoranthene	41 (J)	13.3
	benzo(a)pyrene	60 (J)	13.3
	benzo(g,h,i)perylene	34 (J)	
FC4SED	1,4-dichlorobenzene	25 (J)	453.6, 45.3
3,780 ppm TOC	napthalene	70 (J)	
	2-methylnapthalene	60 (J)	
	acenaphthylene	250 (J)	
	fluorene	24 (J)	
	phenanthrene	420 (J)	453.6
	anthracene	290 (J)	
	fluoranthene	1900	3,855.6
	pyrene	2400	
	benzo(a)anthracene	1300	6.0
	chrysene	1400	6.0

Table 9: Semi-volatile Sample Results for the Feeder Canal, Ft. Edward & Kingsbury Landfill, 558001 & 558008 Sampling Date: 05/06/98(in ppb)			
Sample Number	Parameter	Result	Regulatory Standard or Guidance
	benzo(b)fluoranthene	740	6.0
	benzo(k)fluoranthene	960	6.0
	benzo(a)pyrene	1200	6.0
	ideno(1,2,3-cd)pyrene	530	6.0
	dibenz(a,h)anthracene	190 (J)	
	benzo(g,h,i)perylene	530	

Table 10: Pesticides / PCBs Sample Results for the Feeder Canal, Ft. Edward & Kingsbury Landfill, 558001 & 558008 Sampling Date: 05/06/98(in ppb)			
Sample Number	Parameter	Result	Regulatory Standard or Guidance
FC3SED	PCB, aroclor 1242	250	0.007, 22914.6, 160.2, 11.62
8,300 ppm TOC	PCB, aroclor 1254	210 (J)	0.007, 22914.6, 160.2, 11.62
FCSED4 3,780 ppm TOC	PCB, aroclor 1242	230	0.003, 10435.8, 72.9, 5.3

Table 11: Metals Sample Results for the Feeder Canal, Ft. Edward & Kingsbury Landfill, 558001 & 558008 Sampling Date: 05/06/98
(Results are in ppb for SW and ppm for SED)

Parameter	Sediment SCGs**	Surface Water SCGs, 38.5 ppm total hardness	FC1SED	FC1SW	FC2SED	FC2SW	FC3SED	FC4SED
antimony	2 - 25	3 ppb	0.51 N *	ND	ND N *	ND	ND N *	ND N *
arsenic	6 - 33	190 ppb dissolved	2.1	ND	0.66	ND	2.2	3.4
barium	NS	1000 ppb	85.1	11.1	20.3	12.2	61.2	31.5
beryllium	NS	*** **11 ppb**	0.61	ND	0.21	ND	0.23	0.25
cadmium	0.6 - 9.0	NS	ND	ND	ND	ND	ND	ND
chromium	26 - 110	exp(0.819[ln(ppm hardness)]+1.561), **94.7**	14.2	ND	4.4	ND	5.2	4.6
cobalt	NS	NS	7.8	ND	2.3	ND	3.3	2.8
copper	16 - 50	exp(0.8545[ln(ppm hardness)]-1.465), **5.2**	14.9	1.8 *	3.8	1.9 *	12.3	10.7
lead	31 - 110	exp(1.266[ln(ppm hardness)]-4.661), **1.0**	25.3 N	2.8 *	8.9 N	ND *	22.3 N	59.4 N
mercury	0.15 - 1.3	0.2 ppb	0.03	ND	0.03	ND	ND	ND
nickel	16 - 50	exp(0.76[ln(ppm harness)]+1.06), **46.3**	17.1	ND *	3.9	ND *	4.7	6.1
selenium	NS	1.0 ppb applies to acid soluble form	ND *	ND	ND *	ND	ND *	ND *
silver	1 - 2.2	0.1 ppb ionic silver	ND	ND	ND	ND	ND	ND
thallium	NS	8 ppb	ND	ND	ND	ND	1.4	ND
vanadium	NS	14 ppb	19.8	ND	8.7	ND	10.5	9.8
zinc	120 - 270	30 ppb	58.9	8.0	34.0	8.3	40.6	61.8
tin	NS	NS	1.2 *	ND	0.95 *	ND	2.4 *	1.3 *

Notes: "ND" is non-detect, "N" signifies that a spiked sample recovery was not within control limits, and an "*" indicates that a duplicate analysis was not within control limits. NS=No established standard exists. "**" indicates the range of established sediment criteria. The lower value indicates the value at which a moderate effect would be expected. The higher value indicates a severe effect. "***" = 11 ug/l when hardness is ≤ 75 ppm. 1,100 ug/l when hardness > 75 ppm. SCGs in bold are based on a total hardness of 38.5 ppm (empirical data).

Table 12: Detected Volatile Organic - Semi-Volatile Organic, & Pesticides / PCBs Sample Results for the GMW4, Kingsbury Landfill, 558008 Sampling Date: 07/10/98(in ppb)			
Parameter	Result	Qualifier	Standard
vinyl chloride	190		2 TOGS 1.1.1
	170	D	
1,2-dichloroethene	370		5 TOGS 1.1.1
	340	D	
trichloroethene	7	J	5 TOGS 1.1.1
	6	DJ	
chlororbenzene	2	J	5 TOGS 1.1.1
	3	DJ	
1,4-dichlorobenzene	1	J	3 TOGS 1.1.1
caprolactam	22	JN	
1,1' dichlorobiphenyl Isomer	9	JN	
unknown alcohol	5	BJ	
unknown alcohol	2	BJ	
unknown alcohol	2	BJ	
unknown alcohol	3	BJ	
unknown alcohol	11	J	
unknown amide	4	J	
unknown alcohol	11	J	
unknown	2	J	
unknown	69	J	
unknown	3	J	
PCBs - Aroclor 1242	6.3		0.09 TOGS 1.1.1

Note: "D" denotes the result is from a secondary dilution. "B"indicates that the analyte is found in the associated blank as well as the sample. "J" indicates an estimated value.

Table 13: Metals Results for the GMW4, Kingsbury Landfill, 558008 Sampling Date: 07/10/98(in ppb)			
Parameter	Result	Qualifier	Standard
antimony	ND		
arsenic	ND		
barium	35.4	B	1,000 TOGS 1.1.1
beryllium	ND		
cadmium	ND		
chromium	ND		
cobalt	1.6	B	
copper	ND		
lead	ND		
mercury	ND		
nickel	ND		
selenium	ND		
silver	ND		
thallium	ND		
vanadium	1.4	B	NS
zinc	3.2	B	2,000 TOGS 1.1.1
tin	ND		

Note: "B" indicates a value greater than or equal to the instrument detection limit, but less than the contract required detection limit. Aluminum, Calcium, Iron, Magnesium, Manganese, Potassium, Sodium, and Cyanide did not have results in the analysis.

Table 14

Kingsbury Landfill Site # 558008 Downgradient Groundwater Monitoring Wells											
	GMW-4						MW-90-10C				
rameter	5/91	8/91	9/92	5/94	11/94	7/95	8/91	9/92	5/94	11/94	7/95
latiles											
1,1-Dichloroethane											
1,1-Dichloroethene							0.001J				
1,2-Dichloroethane			0.05					<0.01			
1,2-Dichloroethene	0.12	0.005					0.015				
1,2-Dichloroethene (cis)				58	150	94			6.1	6.9	5.6
1,2-Dichloroethene (trans)					3.2						
Acetone			<0.01				0.002JB	0.015			
Benzene											
Carbon Disulfide		0.005J	<0.01				0.017	<0.01			
Chlorobenzene	0.002J	0.001J	<0.01	1.5				<0.01			
Chloroethane	0.004J		<0.01				0.001J	<0.01			
Dichlorodifluoromethane											
Methylene chloride			<0.01				0.002J	<0.01			
Trichloroethene	0.009	0.014	<0.01	1.2	2.6		0.084	0.033	24	25	19
Vinyl chloride	0.034	0.031	<0.01	23	25	28	0.003J	<0.01	1.1	1.2	
Semi Volatiles											
Bis(2-EthylHexyl)Phthalate			<0.01				0.002J	<0.01			
PCBs											
Aroclor 1016	0.006		<0.001				<MDL	<0.001	<MDL	<MDL	<MDL
Aroclor 1242			0.0035	2.4	1.4	2.7		<0.001			
Aroclor 1248		0.007	<0.001					<0.001			
Aroclor 1254	0.0078	0.0057	0.0015	0.6		0.65		<0.001			
Aroclor 1260	.00088J		<0.001					<0.001			
tals											
senic			<0.05	-	-	-	-	<0.05		-	-
Barium	0.071	0.14	<0.05	<0.1	<0.1	0.022	0.093	<0.05		<0.1	0.019
Chromium		0.021	<0.01	<0.01	<0.01	0.002	0.018	<0.01		<0.01	<0.002
Copper			<0.01	<0.02	<0.02	<0.006		0.104		<0.02	<0.006
Iron	3.4	28	1.97	0.62	0.24	0.736	17	0.686	0.41	0.33	0.425
Manganese	2.3	2.4	1.62	2.2	2.1	2.01	0.86	0.181	0.82	0.92	0.947
Mercury			<0.0002	<0.0003	<0.0003	0.0001		<0.0002		<0.0003	0.0001

Blanks = non detect., - = no data

Table 14

Kingsbury Landfill Site # 55													
	MW-90-14					GMW-2							
meter	8/91	9/92	5/94	11/94	7/95	5/91	8/91	9/92	5/94	11/94	7/95	10/97	4/98
Volatiles													
1,1-Dichloroethane	0.003J	<0.01	2.3	3.6	2.7		0.001J	<0.01			0.8		
1,1-Dichloroethene						<MDL			<MDL				<MDL
1,2-Dichloroethane		0.031						<0.01					
1,2-Dichloroethene	0.055											9.6	
1,2-Dichloroethene (cis)			21	31	23						4.1	9.5	
1,2-Dichloroethene (trans)			1.5	2.7	2.5								
Acetone	0.004JB	0.013					0.002JB	<0.01					
Benzene	0.006	<0.01	4.7	5.6	4.7			<0.01					
Carbon Disulfide	0.063						0.018	<0.01					
Chlorobenzene	0.001J							<0.01			0.9		
Chloroethane	0.011	0.017	8.6	11	8.3			<0.01			5.1	7.8	
Dichlorodifluoromethane			2.5		1.7								
Methylene chloride	0.003J						0.002J	<0.01					
Trichloroethene	0.059	0.05	38	48	42			<0.01			4.1		
Vinyl chloride	0.017		15	21	17			<0.01					
Semi Volatiles													
Bis(2-EthylHexyl)Phthalate								<0.01					
PCBs													
Aroclor 1016								<0.001	<MDL	<MDL	<MDL		
Aroclor 1242								<0.001					
Aroclor 1248								<0.001					
Aroclor 1254								<0.001					
Aroclor 1260								0.0012					
als													
nic								0.0146					
Barium						0.12	0.077	0.0659B				0.101	
Chromium								<0.01				0.0023	
Copper								<0.01				0.0103	
Iron						99	79	81.3				192	2.98
Manganese						2.6	2	3.19				3.91	0.503
Mercury								<0.0002				0.0001	<0.0001

Blanks = non detect., - = no data

Table 15
Sample Analysis Summary, Kingsbury and Fort Edward Landfills, Washington County, New York

Sample Matrix	Laboratory Parameters	Lab Methods	Field Sample	Field Duplicate	Field Blank	Trip Blank	MS	MSD/MD	Total
Surface Water	ASP TCL Volatiles	91-1	7	0	0	1	0	0	8
	ASP TCL Semi-volatiles	91-2	7	0	0	0	0	0	7
	ASP TCL PCBs and Pesticides	91-3	7	0	0	0	0	1	8
	ASP TAL Metals	CLP-M	7	0	0	0	0	1	8
Sediment	ASP TCL Volatiles	91-1	7	0	0	0	0	0	7
	ASP TCL Semi-volatiles	91-2	7	0	0	0	0	0	7
	ASP TCL PCBs and Pesticides	91-3	7	0	0	0	0	1	8
	ASP TAL Metals	CLP-M	7	0	0	0	0	1	8
Groundwater	ASP TCL Volatiles	91-1	1	0	0	1	0	0	2
	ASP TCL Semi-volatiles	91-2	1	0	0	0	0	0	1
	ASP TCL PCBs and Pesticides	91-3	1	0	0	0	0	0	1
	ASP TAL Metals	CLP-M	1	0	0	0	0	0	1

Figu 1:
Kingsbury and Ft. Edward Landfills
Off-Site Investigation Sample Locations

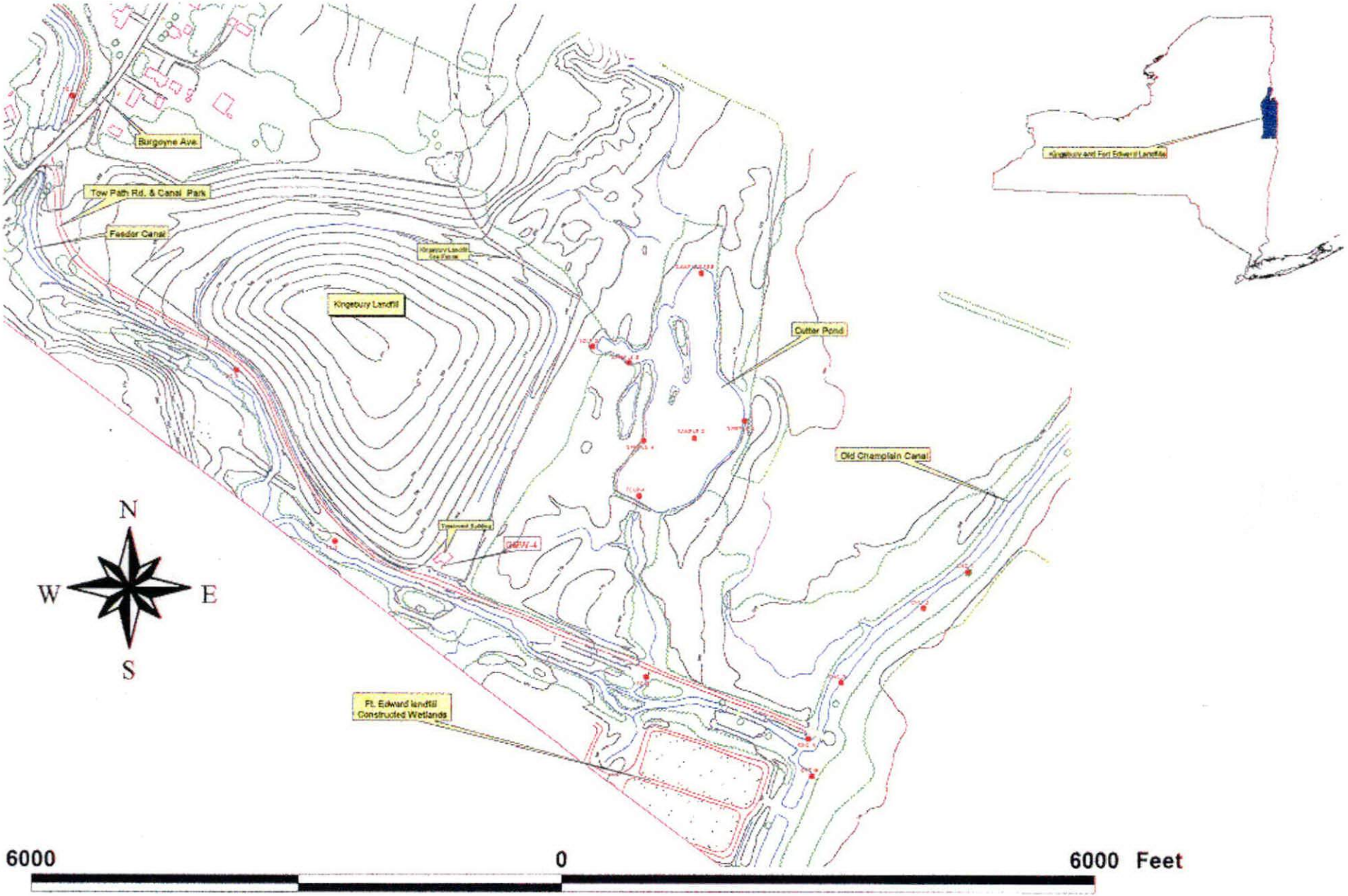
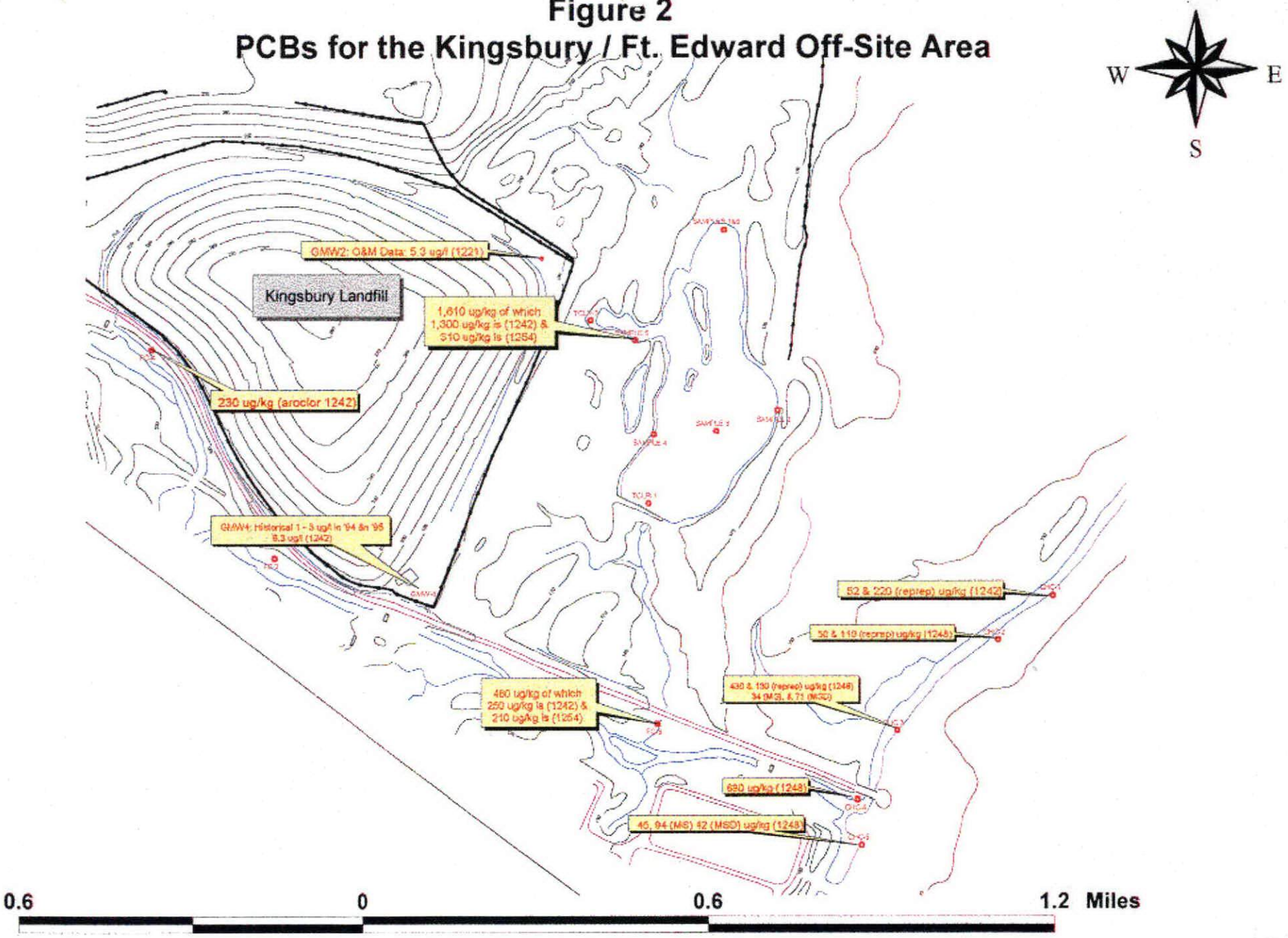
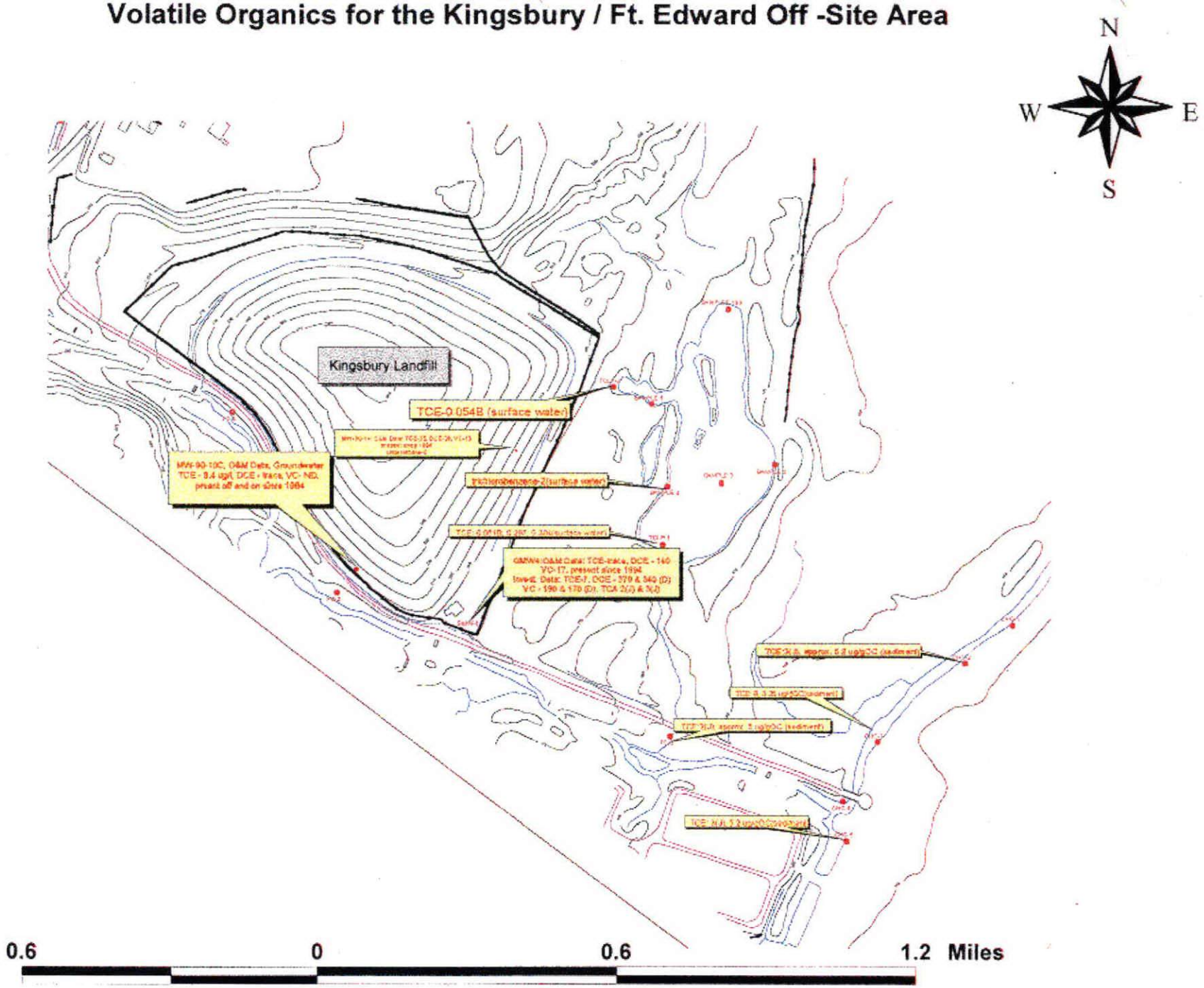


Figure 2
PCBs for the Kingsbury / Ft. Edward Off-Site Area



Figur 3
Volatile Organics for the Kingsbury / Ft. Edward Off -Site Area



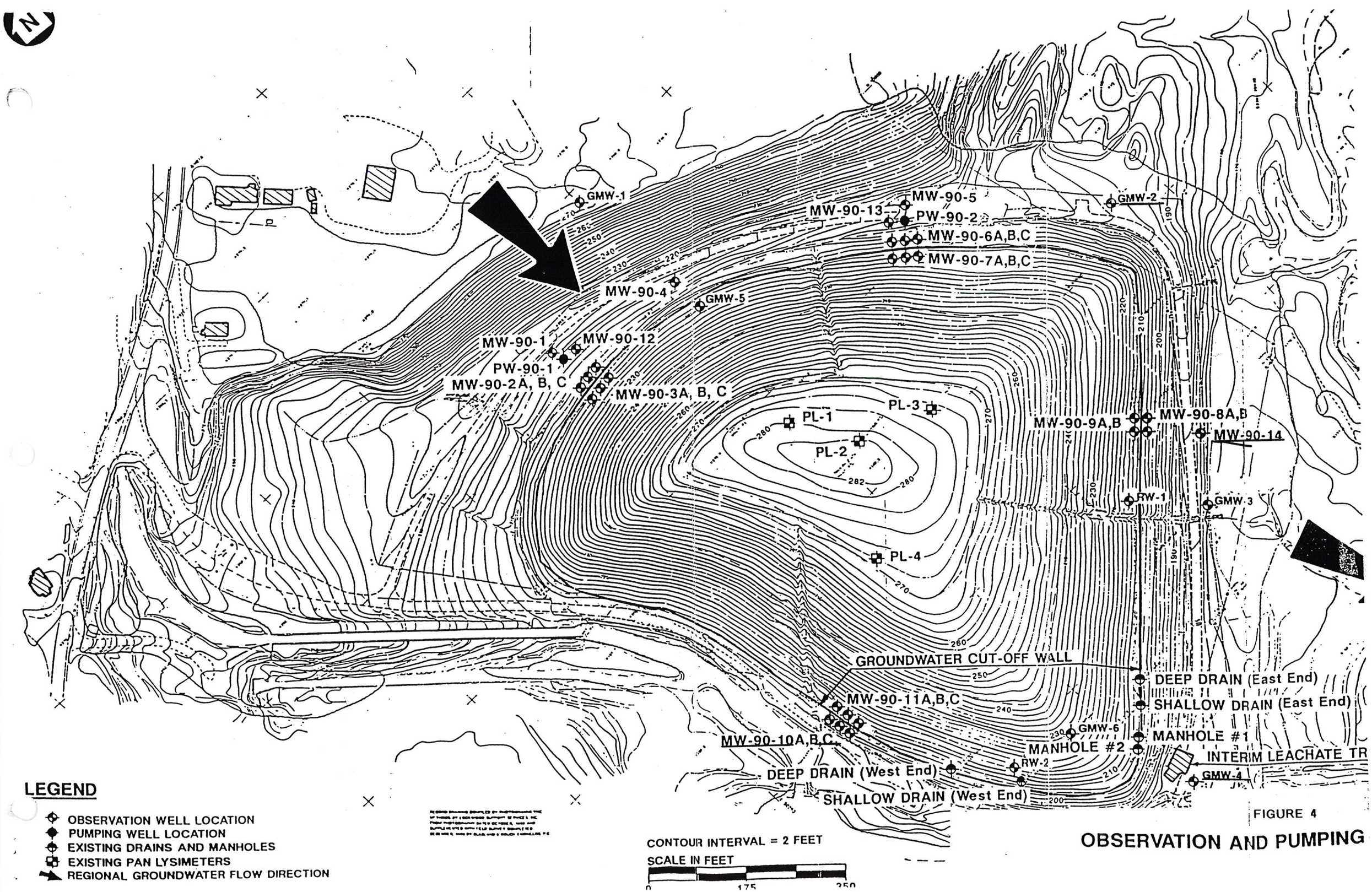
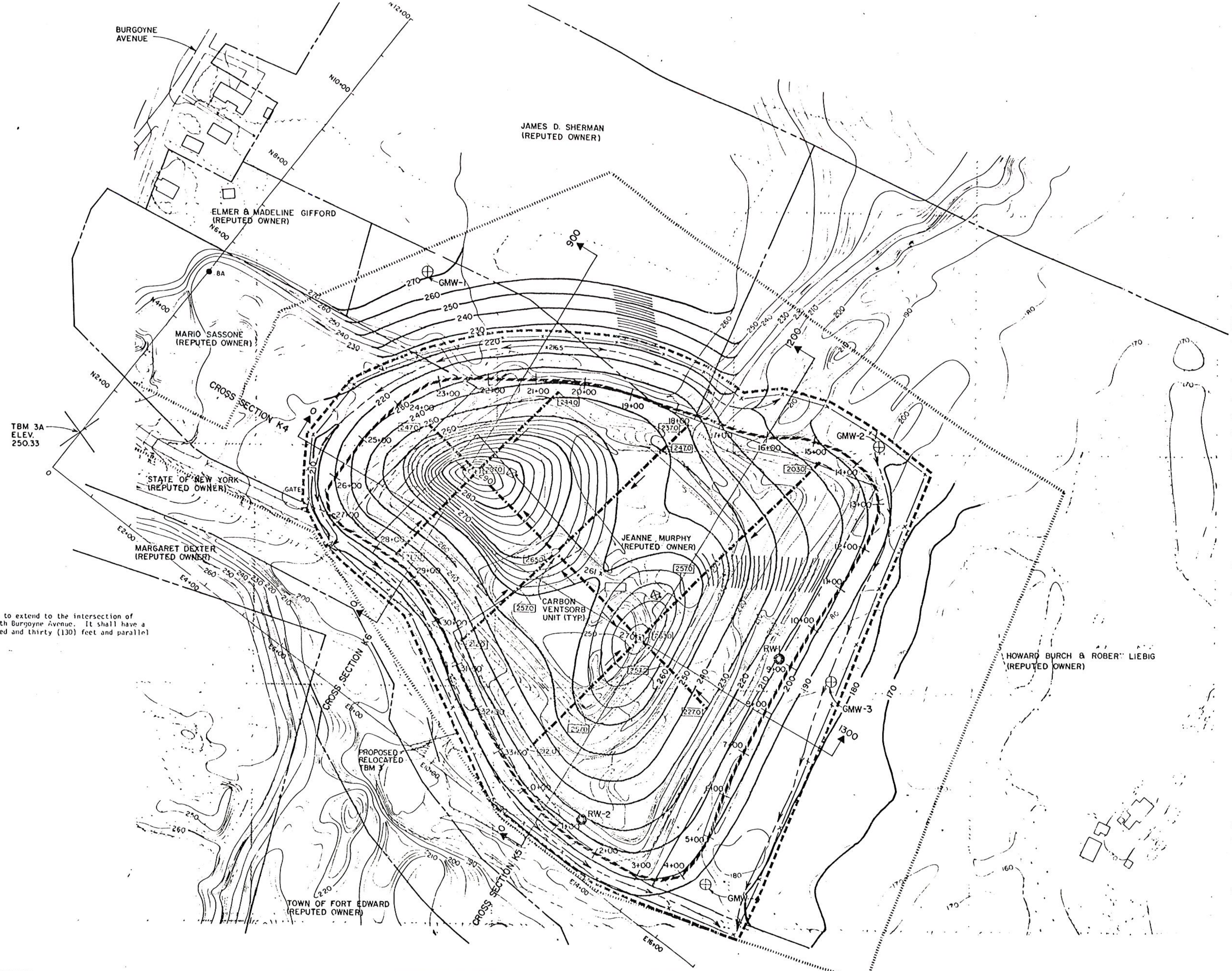


FIGURE 4

OBSERVATION AND PUMPING



LEGEND

—170—	EXISTING CONTOUR LINES
—270—	PROPOSED CONTOUR LINES
— - —	APPROXIMATE PROPERTY LINES
= = =	ROADWAY
———	CANAL
[235.0]	SPOT ELEVATION
- - - -►	DRAINAGE TRENCH
—x—	FENCE
▬·▬·▬	GAS COLLECTION SYSTEM
▰▰▰	GROUNDWATER CUTOFF WALL
▭	LIMITS OF CAP
•	EXISTING GROUNDWATER PIEZOMETER
⊕	PROPOSED GROUNDWATER MONITORING WELL (GMW)
●	PROPOSED RELIEF WELL (RW)
⊠	PROPOSED PAN LYSIMETER
········	CONTRACT WORK AREA AND TEMPORARY EASEMENT
- - - -	PERMANENT EASEMENT

NOTE:

Contract work area to extend to the intersection of the access road with Burgoyne Avenue. It shall have a width of one hundred and thirty (130) feet and parallel the access road.

NOTE:

1. Original topography performed by others in 1979 and updated by Phillips & Associates in 1981 for O'Brien & Gere Engineers. This may not represent existing topographic conditions due to the continued use of the site as an active landfill.
2. Grading criteria including a maximum on site slope of 1:3, a minimum on site slope of 1:20, and a maximum off site slope of 1:3 shall be strictly adhered to in accordance with the Contract Drawings. Above criteria shall not be compromised should the Contract Drawings reflect differently.

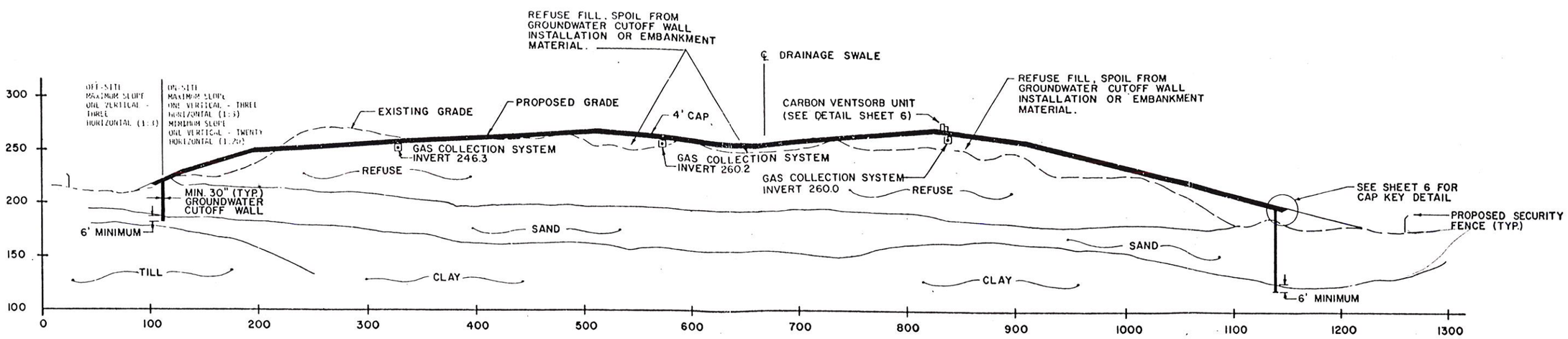
FIGURE 5

In charge of ______ Designed by ______ Checked by ______ Made by ______	1" = 100' (scale 100 0 100 200)	O'BRIEN & GERE ENGINEERS INC.	KINGSBURY SITE - REMEDIAL PROGRAM

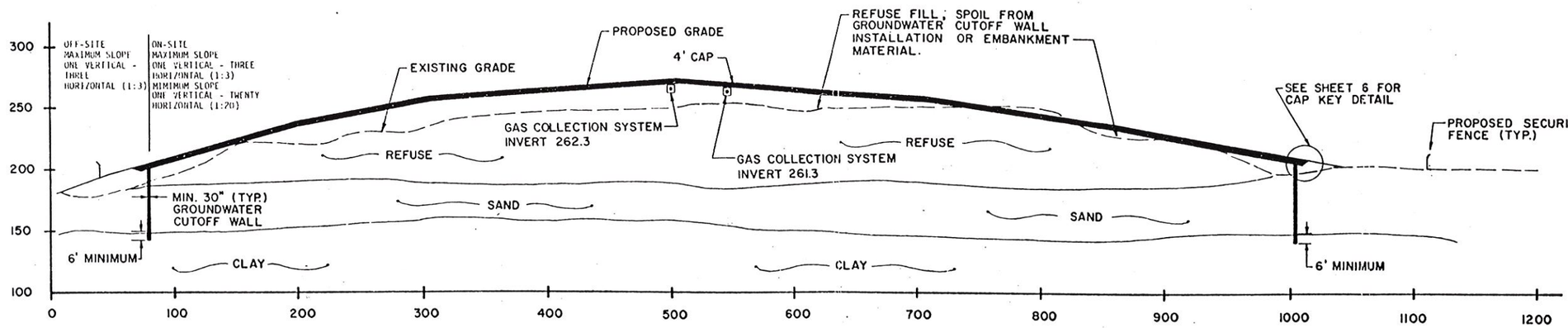
PROPOSED FACILITIES PLAN

FILE NO 2289.037.-03F

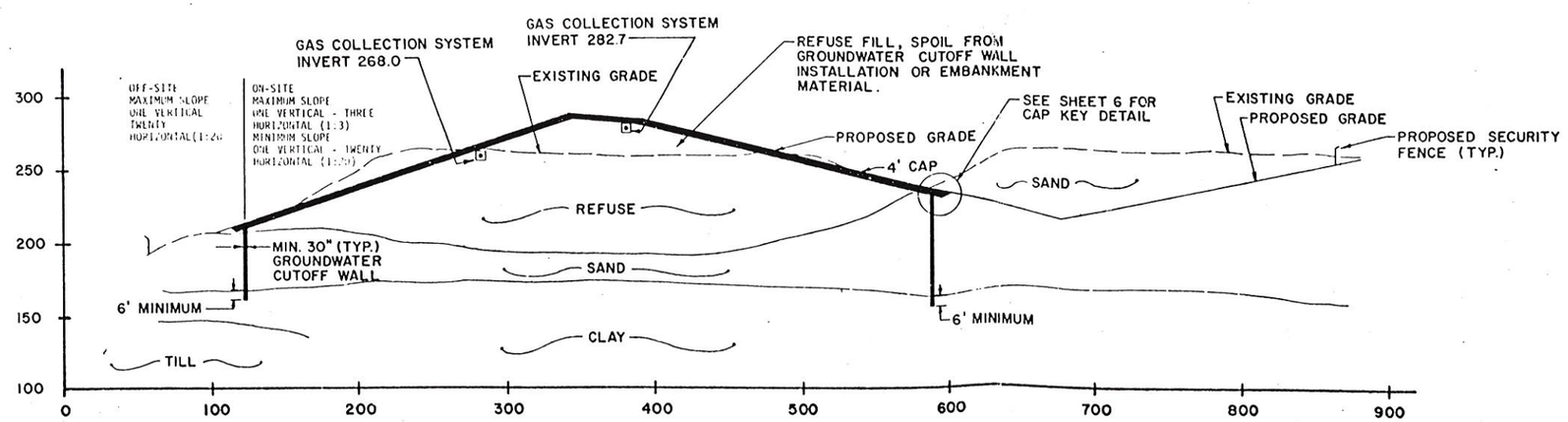
DATE FEBRUARY 14, 1983



CROSS SECTION K4



CROSS SECTION K5

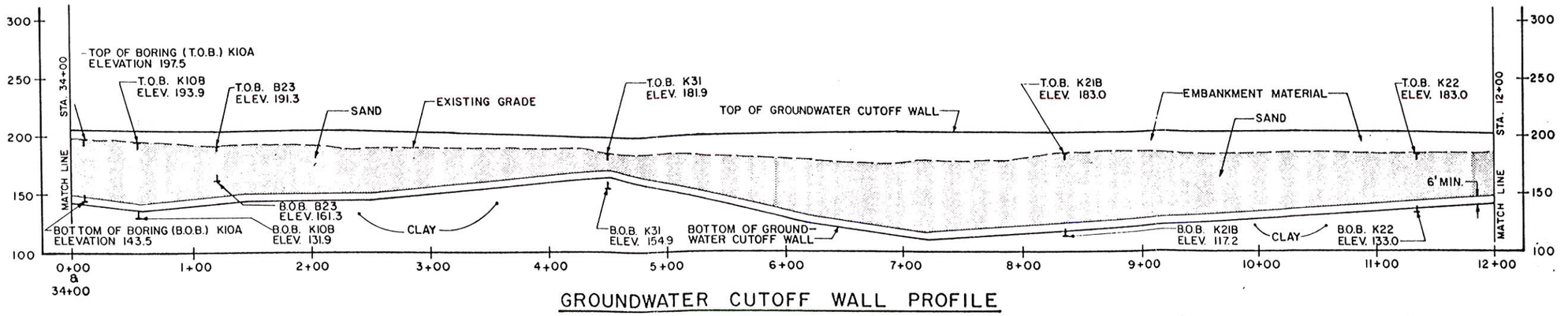


CROSS SECTION K6

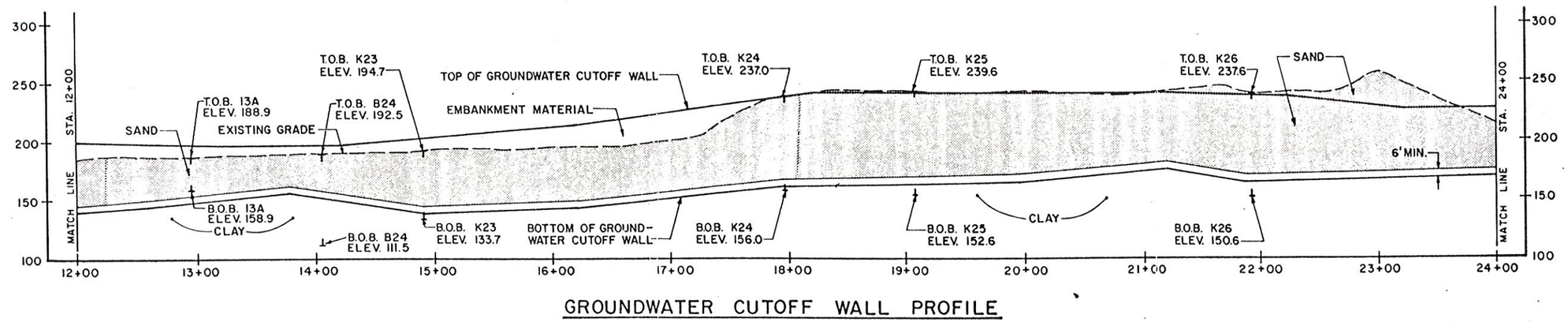
FIGURE 6

In charge of ____ Designed by GWA Checked by ____ Made by ____	1" = 50' (50 0 50 100)	NO. / DATE / REVISION / INIT	O'BRIEN & GERE ENGINEERS, INC Syracuse, New York	KINGSBURY SITE - REMEDIAL PROGRAM	CROSS SECTIONS

FILE NO. 2289.037-06F
DATE FEBRUARY 14, 1983

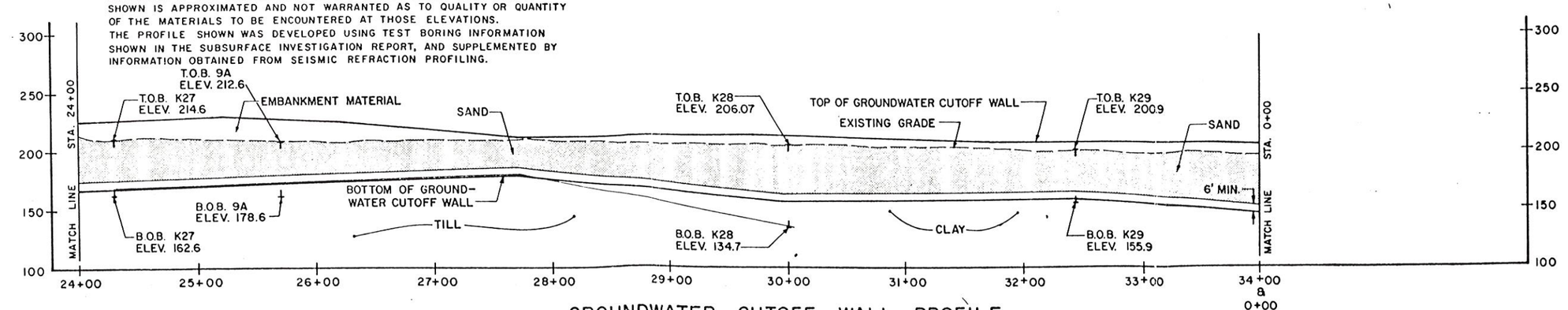


GROUNDWATER CUTOFF WALL PROFILE



GROUNDWATER CUTOFF WALL PROFILE

NOTE:
THE PRIMARY PURPOSE OF THIS PROFILE IS TO APPROXIMATE THE BOTTOM ELEVATION OF THE GROUNDWATER CUTOFF WALL ; OTHER SOIL STRATA SHOWN IS APPROXIMATED AND NOT WARRANTED AS TO QUALITY OR QUANTITY OF THE MATERIALS TO BE ENCOUNTERED AT THOSE ELEVATIONS.
THE PROFILE SHOWN WAS DEVELOPED USING TEST BORING INFORMATION SHOWN IN THE SUBSURFACE INVESTIGATION REPORT, AND SUPPLEMENTED BY INFORMATION OBTAINED FROM SEISMIC REFRACTION PROFILING.



GROUNDWATER CUTOFF WALL PROFILE

FIGURE 7

In charge of _____
Designed by SWA Checked by _____
Made by EBB

1" = 50' 50 0 50 100

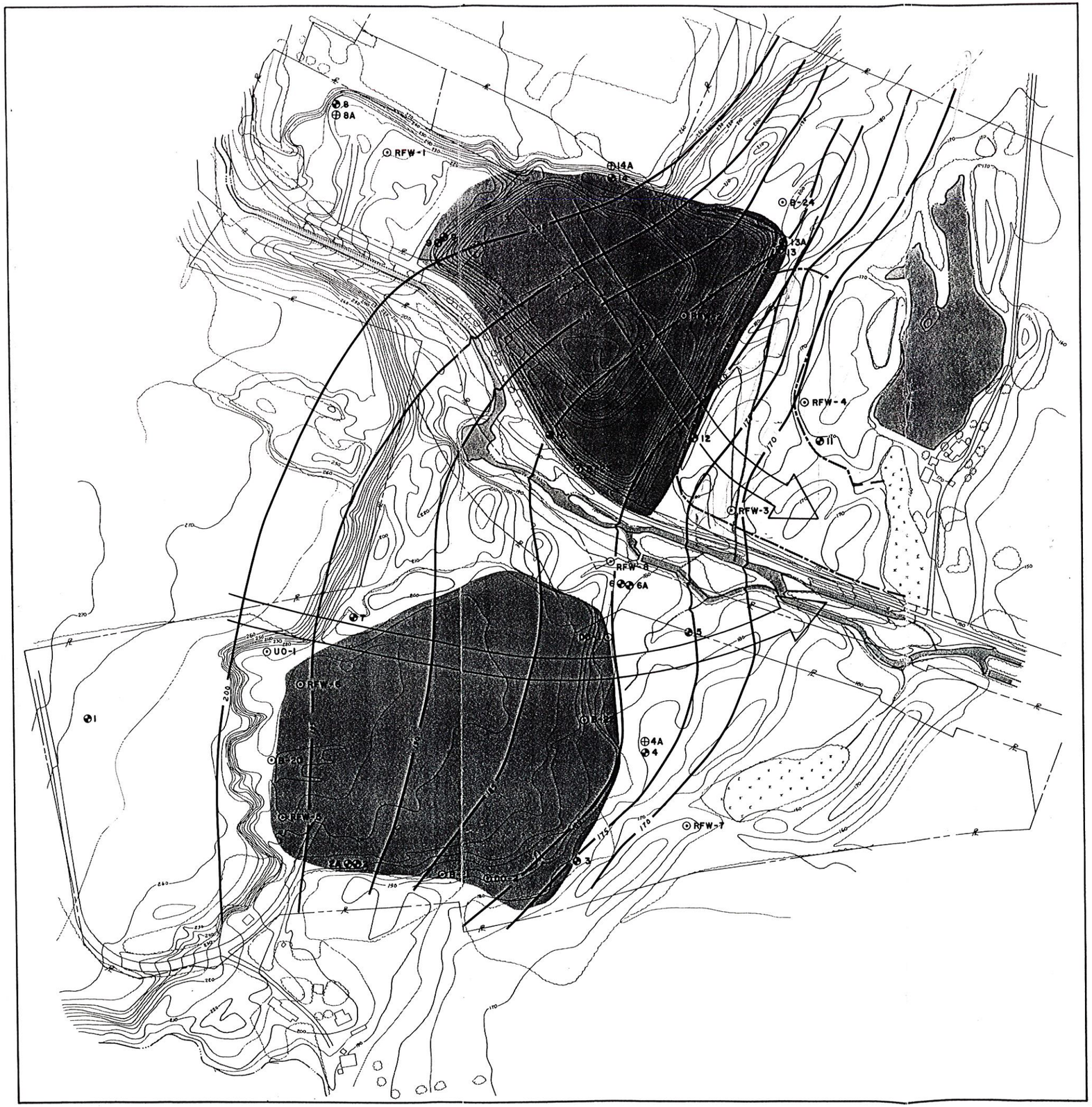
NO.	DATE	REVISION	INIT.

O'BRIEN & GERE ENGINEERS, INC
Syracuse, New York

KINGSBURY SITE - REMEDIAL PROGRAM

GROUNDWATER CUTOFF WALL PROFILE

FILE NO. 2289.037-05F
DATE FEBRUARY 14, 1983



LEGEND

- TEST BORING W/GROUNDWATER MONITORING WELL
- PIEZOMETER
- GROUNDWATER MONITORING WELL (INSTALLED BY OTHERS)
- GROUNDWATER FLOW LINE
- GROUNDWATER EQUIPOTENTIAL LINE
- CONTOUR LINE
- APPROXIMATE PROPERTY LINE
- DRAINAGE DITCH
- STREAM (OR WATERS EDGE)
- SWAMP
- APPROXIMATE LIMITS OF SITE
- SURFACE WATER

NOTES:

1. WELL RFW-2, RFW-5, RFW-6 & B-20 WERE DESTROYED PRIOR TO THIS FIELD INVESTIGATION.
2. TOPOGRAPHIC SURVEY COMPLETED IN 1980 BY OTHERS FOR NYSDEC. LOCATION OF WELLS & WEIRS ESTABLISHED AS A PORTION OF THIS FIELD INVESTIGATION.
3. GROUNDWATER CONTOURS ARE BASED ON WIDELY SPACED DATA POINTS AND THEREFORE MAY NOT REPRESENT THE DETAILED CONFIGURATION OF THE WATER TABLE AT ALL POINTS THE GROUNDWATER CONTOURS ARE DERIVED FROM WATER LEVEL DATA COLLECTED IN NOV. 1981.

KINGSBURY - FORT EDWARD

GROUNDWATER CONTOURS

SCALE IN FEET

200 0 200

FIGURE 8

O'BRIEN & GERE

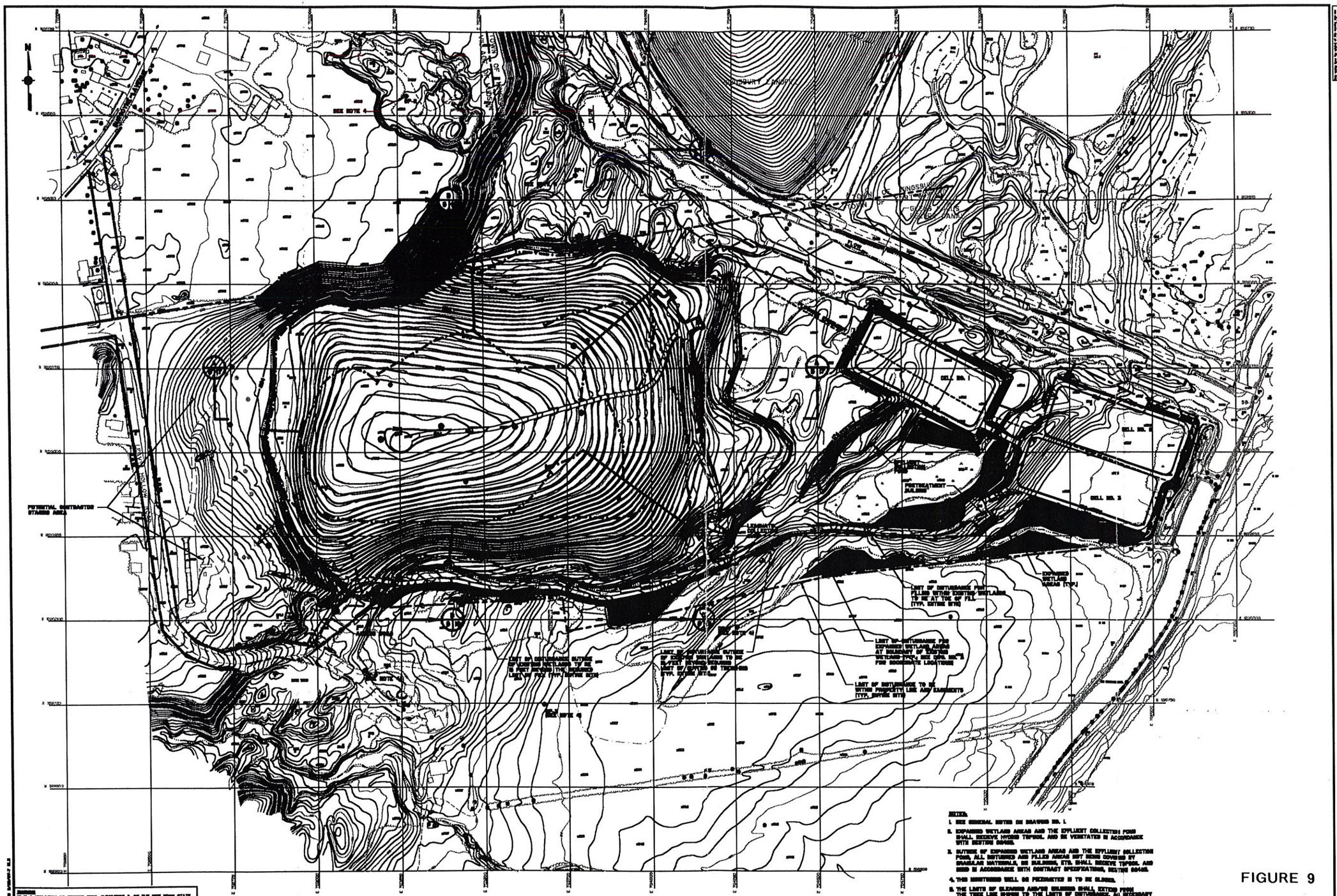


FIGURE 9

SCALE IN FEET

NOTICE
IT IS A VIOLATION OF SECTION 7209, SUBDIVISION 2, OF THE NEW YORK STATE EDUCATION LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION TO ALTER IN ANY WAY ANY ITEM ON THIS DRAWING. IF AN ITEM IS ALTERED, THE ALTERING ENGINEER SHALL AFFIX TO THE ITEM HIS SEAL AND THE NOTATION "ALTERED BY" FOLLOWED BY HIS SIGNATURE AND THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

REVISIONS

NO.	DATE	DESCRIPTION	NO.	DATE	DESCRIPTION

DESIGNED BY: R.W.
DRAWN BY: P.L.B.
CHECKED BY: C.F.D.
FINAL SUBM. C.F.D.

URS Consultants, Inc.
CONSULTING ENGINEERS
BUFFALO NEW YORK

JOB No. 36804

REMEDIAL ACTION
FORT EDWARD LANDFILL
NYSDEC SITE 5-58-001
TOWN OF FORT EDWARD
WASHINGTON COUNTY NEW YORK

PREPARED FOR:
NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF ENVIRONMENTAL REMEDIATION

FINAL SITE PLAN

Scale 1"=200'-0" Date MARCH 97

Feeder Tow Canal & Old Champlain Canal Sediment and Surface Water Sample Results

RECRA
LabNet
a division of Recra Environmental, Inc.
Virtual Laboratories Everywhere

30 June 1998

Mr. Jack Ryan
NYSDEC
Room 392
50 Wolf Road
Albany, NY 12233-3502

Ref: Contract C003783
Sample Data Package: RFW Batch 9805L736
NYSDEC ID: SH598-0506-CHC9SW to FC4SED

Dear Mr. Ryan:

Enclosed please find the data report for 4 sediment and 4 water samples received 7 May 1998 for analysis for VOAs, BNAs, pesticides/PCBs and metals. We had requested an extension for these due to instrument problems and LIMS being up and down several times over the last couple of weeks.

Please do not hesitate to contact me at (610) 280-3000 with any questions you may have.

Very truly yours,

Recra LabNet Philadelphia

Judith L. Stone
Senior Project Manager

Enclosure

cc: Russ Mulvey (NYSDEC)

RECRA LabNet Use Only
9805L736

Custody Transfer Record/Lab Work Request

RECRA LabNet

FIELD PERSONNEL: COMPLETE ONLY SHADED AREAS RM 5/7/98

Client: NYSDEC, ~~Russ Malloy~~
Est. Final Proj. Sampling Date: 5/7/98
Project #: ~~B462, B464, B465~~ SEE BELOW
Project Contact/Phone #: (518) 897-1242
RECRA Project Manager: J.S.
QC: SW846 Del: CLP TAT: 30 DAY
Date Rec'd: 5-7-98 Date Due: 6/6/98
Account #: NYSDEC5TM

		VOA	BNA	Pest/PCB	Herb	Metal	CN
Refrigerator #		1	5	5		5	
#/Type Container	Liquid	2G	2AG	2AG		1P	
	Solid	2G	1AG	—		1AG	
Volume	Liquid	40	950	950		1L	
	Solid	125	250	—		125	
Preservatives		—	—			HNO_3	
ANALYSES REQUESTED →		ORGANIC: VOA	BNA	Pest/PCB	Herb	INORG: Metal	CN
RECRA LabNet Use Only		0624H	0625H	0605H		MAPPIX	

MATRIX CODES:
S - Soil
SE - Sediment
SO - Solid
SL - Sludge
W - Water
O - Oil
A - Air
DS - Drum Solids
DL - Drum Liquids
L - EP/TCLP Leachate
WI - Wipe
X - Other
F - Fish

Lab ID	Client ID/Description	Matrix QC Chosen (✓) MS	MSD	Matrix	Date Collected 1998	Time Collected	VOA	BNA	Pest/PCB	Herb	Metal	CN
001	SH598-0506-CHC9SW			W	05/06	9:45		X	X			
002	SH598-0506-CHC10SW			W	11	10:00		X	X			
	~~SH598-0506-FCTB1~~			~~W~~	~~11~~	~~TRIP BLANK~~ RM						
003	SH598-0506-FC1SW			W	11	10:30	X	X	X		X	
004	SH598-0506-FC1SED			SE	11	10:30	X	X	X		X	
005	SH598-0506-FC2SW			W	11	11:00	X	X	X		X	
006	SH598-0506-FC2SED			SE	11	11:00	X	X	X		X	
	~~SH598-0506-FC3SW~~ RM			~~W~~	~~11~~		~~X~~	~~X~~	~~X~~		~~X~~	
007	SH598-0506-FC3SED			SE	11	1:30	X	X	X		X	

Special Instructions:

DATE/REVISIONS:
1. WO# 01667-600-001-9999-00
2.
3.
4.
5.
6.

Relinquished by	Received by	Date	Time	Relinquished by	Received by	Date	Time
Russell Malloy		5/6/98	1215				
FEDEX	[signature], LN	5-7-98	1100				

Discrepancies Between Samples Labels and COC Record? Y or (N)
NOTES:

RECRA LabNet Use Only

Samples were:
1) Shipped ✓ or Hand Delivered
Airbill # N221918393[illegible]
2) Ambient or (Chilled)
3) Received in Good Condition (Y) or N
4) Labels Indicate Properly Preserved (Y) or N
5) Received Within Holding Times (Y) or N

COC Tape was:
1) Present on Outer Package Y or (N)
2) Unbroken on Outer Package Y or (N)
3) Present on Sample Y or (N)
4) Unbroken on Sample Y or (N)
COC Record Present Upon Sample Rec'l (Y) or N
Cooler Temp. 4.8 / 5.2 °C

RECRA LabNet Use Only

9805L736

Custody Transfer Record/Lab Work Request

RECRA LabNet

FIELD PERSONNEL: COMPLETE ONLY SHADED AREAS

Client NYSDEC, Russ Mulvey

Est. Final Proj. Sampling Date

Project # B462, B464, B465

Project Contact/Phone # (518) 897-1242

RECRA Project Manager

QC Del TAT

SCP pg1

Date Rec'd Date Due

Account #

		1	5	4					5	
Refrigerator #		1	5	4					5	
#/Type Container	Liquid									
	Solid	2G	1AG	—					1AG	
Volume	Liquid									
	Solid	125	250	—					125	
Preservatives		—	—	—					—	
ANALYSES REQUESTED		ORGANIC: VOA	BNA	Pest/PCB	Herb				INORG: Metal	CN

MATRIX CODES: S - Soil; SE - Sediment; SO - Solid; SL - Sludge; W - Water; O - Oil; A - Air; DS - Drum Solids; DL - Drum Liquids; L - EP/TCLP Leachate; WI - Wipe; X - Other; F - Fish

RECRA LabNet Use Only

Lab ID	Client ID/Description	Matrix QC Chosen (✓) MS	MSD	Matrix	Date Collected	Time Collected	0624H	0625H	0608H					MAPPIX	
	~~SH548 0506 FC 4 SW~~			~~W~~	~~05/06~~	—	~~X~~	~~X~~	~~X~~	Rm	M	—		~~X~~	
07	SH548 0506 FC 4 SED			SE	05/06	12:00	X	X	X					X	

Special Instructions:

DATE/REVISIONS:

1.
2.
3.
4.
5.
6.

RECRA LabNet Use Only

Samples were:
1) Shipped ___ or Hand Delivered ___
Airbill # ___
2) Ambient or Chilled
3) Received in Good Condition Y or N
4) Labels Indicate Properly Preserved Y or N
5) Received Within Holding Times Y or N

COC Tape was:
1) Present on Outer Package Y or N
2) Unbroken on Outer Package Y or N
3) Present on Sample Y or N
4) Unbroken on Sample Y or N
COC Record Present Upon Sample Rec't Y or N
Cooler Temp. C

See page

Relinquished by	Received by	Date	Time
[signature]	[signature]	5/6/98	12:15
[signature]	[signature]	5-7-98	1:00

Relinquished by	Received by	Date	Time

Discrepancies Between Samples Labels and COC Record? Y or N

NOTES:

See

74-15-1 (9/97)—q

SEND THIS SHEET WITH SAMPLE TO CONTACT LAB

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

CONTRACT LAB SAMPLE INFORMATION SHEET

Print Legibly

Part 3

CAUTION (check if applicable)

☐ Lab personnel are expected to use caution when handling DEC samples, however, please use special caution when handling this sample since it is believed to contain significant concentrations of hazardous and/or toxic materials(s)

CHECK THE BOX PRECEDING THE REQUESTED ANALYSIS

PRIORITY POLLUTANTS (Water Part 136)—SPDES

☐ 2. 13PP Metals
☐ 3. Volatiles—(USEPA 624 GC/MS)
☐ 6. Pesticides/PCBs (USEPA 608-GC)
☐ 4. Acids Base/Neutrals (USEPA 624 GC/MS)
☐ 5. Cyanide
☐ 9. BOD
☐ 7. Halogenated Volatiles (USEPA 601 GC)
☐ 8. Aromatic Volatiles USEPA 602 GC)
☐ 12. TSS
☐ 10. pH
☐ 11. COD
☐ 15. Ammonia
☐ 13. Settleable Solids
☐ 14. TKN
☐ 18. Reactive Phosphorus
☐ 16. Nitrate/Nitrite
☐ 17. Total Phosphorus
☐ 21. Total Phenols
☐ 19. Oil/Grease)
☐ 20. TOC
☐ 60. PCBs congener method (ASP 91-11)
☐ 22. Other ____________
☐ 59. PCBs at 0.065 ug/l
☐ 64. Total Solids
☐ 62. CBOD
☐ 65. Volatiles (USEPA 524.2 GC/MS)

CONTRACT LABORATORY PROTOCOLS

☐ 23 (ALL)—Water—Includes 24-28
☐ 29. (ALL)—Soil/Sediments—Includes 30-34
☐ 24 Base/Neutral/Acid (B/N/A)—Water—GC/MS (ASP #95-2)
☐ 30. (B/N/A)—Soil/Sediments—GC/MS (ASP #95-2)
☐ 25 Volatile Organic Analysis VOA—Water—GC/MS (ASP #95-1)
☐ 31. VOA—Soil/Sediments—GC/MS (ASP #95-1)
☐ 26 Pesticides/PCBs—Water—GC/MS (ASP #95-3)
☐ 32. Pesticides/PCBs—Soil/Sediments—GC (ASP #95-3)
☐ 27 Metals—23 in Water
☐ 33. Metals—23 in Soil/Sediments)
☐ 28 Cyanide—Water
☐ 34. Cyanide—Soil/Sediments)
☐ 66 Dioxin-Water (ASP #91-7)
☐ 67. Dioxin-Soil/Sediments (ASP #91-7)
☐ 35 Other ____________

HAZARDOUS WASTES/RCRA ANALYSIS SW-846

☐ 36. EP Toxicity
☐ 37. EP Toxicity (Metals Only)
☐ 38. Ignitability
☐ 39. Corrosivity
☐ 40. VOA—(USEPA 8260 GC/MS)
☒ 41. BNA—(USEPA 8270 GC/MS)
☒ 42. Pesticides/PCBs (USEPA 8081)
☐ 43. TCLP
☐ 44. TCLP (Metals Only)
☐ 45. Reactivity
☐ 46. Dioxin (USEPA 8280)
☐ 47. Appendix IX
☐ 48. Other ____________
☐ 63 Percent Solids
☐ 68. Metals—17 Hazardous

MUNICIPAL SLUDGE

☐ 56. RS-01 ☐ 57. RS-02 ☐ 58. Other ____________

COLLECTED BY:	TELEPHONE NUMBER:	REGION NO.:
Russ Mulvey	(518) 397-1242	5

CONTRACT LABORATORY:	COUNTY:	SAMPLING DATE:	MILITARY TIME:
RECRA	[illegible]	05/06/98	9:45

SAMPLE MATRIX:

☐ Air ☐ Soil/Sediment ☐ Groundwater ☒ Surface Water ☐ Wastewater ☐ Other ____________

CASE NO.	SDG NO.	SAMPLE NO.	CHECK FOR MS/MD	TYPE OF SAMPLE
S/H/57/9	05/06/C	HC/75/W	☐ This sample	☒ Grab ☐ Composite ☐ Term ____ hours

☐ Check if there will be more samples with this SDG sent in this calendar week.

SAMPLING POINT:

Report via Category B, unless checked ☐

Check if field duplicate ☐ Outfall Number

Check if sampling is part of inspection ☐

FLOW: ________ GPD ________ MGD

SPDES NUMBER/REGISTRY NUMBER

74-15-1 (9/97)—q

SEND THIS SHEET WITH SAMPLE TO CONTACT LAB

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

CONTRACT LAB SAMPLE INFORMATION SHEET

Print Legibly

Part 3

CAUTION (check if applicable)

☐ Lab personnel are expected to use caution when handling DEC samples, however, please use special caution when handling this sample since it is believed to contain significant concentrations of hazardous and/or toxic materials(s)

CHECK THE BOX PRECEDING THE REQUESTED ANALYSIS

PRIORITY POLLUTANTS (Water Part 136)—SPDES

- ☐ 2. 13PP Metals
- ☐ 4. Acids Base/Neutrals (USEPA 624 GC/MS)
- ☐ 7. Halogenated Volatiles (USEPA 601 GC)
- ☐ 10. pH
- ☐ 13. Settleable Solids
- ☐ 16. Nitrate/Nitrite
- ☐ 19. Oil/Grease)
- ☐ 22. Other ______
- ☐ 3. Volatiles—(USEPA 624 GC/MS)
- ☐ 5. Cyanide
- ☐ 8. Aromatic Volatiles USEPA 602 GC)
- ☐ 11. COD
- ☐ 14. TKN
- ☐ 17. Total Phosphorus
- ☐ 20. TOC
- ☐ 59. PCBs at 0.065 ug/l
- ☐ 62. CBOD
- ☐ 6. Pesticides/PCBs (USEPA 608-GC)
- ☐ 9. BOD
- ☐ 12. TSS
- ☐ 15. Ammonia
- ☐ 18. Reactive Phosphorus
- ☐ 21. Total Phenols
- ☐ 60. PCBs congener method (ASP 91-11)
- ☐ 64. Total Solids
- ☐ 65. Volatiles (USEPA 524.2 GC/MS)

CONTRACT LABORATORY PROTOCOLS

- ☐ 23 (ALL)—Water—Includes 24-28
- ☐ 24 Base/Neutral/Acid (B/N/A)—Water—GC/MS (ASP #95-2)
- ☐ 25 Volatile Organic Analysis VOA—Water—GC/MS (ASP #95-1)
- ☐ 26 Pesticides/PCBs—Water—GC/MS (ASP #95-3)
- ☐ 27 Metals—23 in Water
- ☐ 28 Cyanide—Water
- ☐ 66 Dioxin-Water (ASP #91-7)
- ☐ 35 Other ______
- ☐ 29. (ALL)—Soil/Sediments—Includes 30-34
- ☐ 30. (B/N/A)—Soil/Sediments—GC/MS (ASP #95-2)
- ☐ 31. VOA—Soil/Sediments—GC/MS (ASP #95-1)
- ☐ 32. Pesticides/PCBs—Soil/Sediments—GC (ASP #95-3)
- ☐ 33. Metals—23 in Soil/Sediments)
- ☐ 34. Cyanide—Soil/Sediments)
- ☐ 67. Dioxin-Soil/Sediments (ASP #91-7)

HAZARDOUS WASTES/RCRA ANALYSIS SW-846

- ☐ 36. EP Toxicity
- ☐ 39. Corrosivity
- ☒ 42. Pesticides/PCBs (USEPA 8081)
- ☐ 45. Reactivity
- ☐ 48. Other ______
- ☐ 37. EP Toxicity (Metals Only)
- ☐ 40. VOA—(USEPA 8260 GC/MS)
- ☐ 43. TCLP
- ☐ 46. Dioxin (USEPA 8280)
- ☐ 63 Percent Solids
- ☐ 38. Ignitability
- ☒ 41. BNA—(USEPA 8270 GC/MS)
- ☐ 44. TCLP (Metals Only)
- ☐ 47. Appendix IX
- ☐ 68. Metals—17 Hazardous

MUNICIPAL SLUDGE

☐ 56. RS-01 ☐ 57. RS-02 ☐ 58. Other ______

COLLECTED BY:	TELEPHONE NUMBER:	REGION NO.:
Russ Mulvey	(518) 347-1242	5

CONTRACT LABORATORY:	COUNTY:	SAMPLING DATE:	MILITARY TIME:
RECRA	Washington	5/6/93	1000

SAMPLE MATRIX:

☐ Air ☐ Soil/Sediment ☐ Groundwater ☒ Surface Water ☐ Wastewater ☐ Other ______

CASE NO.	SDG NO.	SAMPLE NO.	CHECK FOR MS/MD	TYPE OF SAMPLE
14573	0526C	HC1036	☐ This sample	☒ Grab ☐ Composite ☐ Term ____ hours

☐ Check if there will be more samples with this SDG sent in this calendar week.

SAMPLING POINT:

Report via Category B, unless checked ☐

Check if field duplicate ☐ Outfall Number

Check if sampling is part of inspection ☐

FLOW: ______ GPD ______ MGD

SPDES NUMBER/REGISTRY NUMBER

74-15-1 (9/97)—q

SEND THIS SHEET WITH SAMPLE TO CONTACT LAB

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

CONTRACT LAB SAMPLE INFORMATION SHEET

Print Legibly

Part 3

CAUTION (check if applicable)

☐ Lab personnel are expected to use caution when handling DEC samples, however, please use special caution when handling this sample since it is believed to contain significant concentrations of hazardous and/or toxic materials(s)

CHECK THE BOX PRECEDING THE REQUESTED ANALYSIS

PRIORITY POLLUTANTS (Water Part 136)—SPDES

☐ 2. 13PP Metals
☐ 3. Volatiles—(USEPA 624 GC/MS)
☐ 6. Pesticides/PCBs (USEPA 608-GC)
☐ 4. Acids Base/Neutrals (USEPA 624 GC/MS)
☐ 5. Cyanide
☐ 9. BOD
☐ 7. Halogenated Volatiles (USEPA 601 GC)
☐ 8. Aromatic Volatiles USEPA 602 GC)
☐ 12. TSS
☐ 10. pH
☐ 11. COD
☐ 15. Ammonia
☐ 13. Settleable Solids
☐ 14. TKN
☐ 18. Reactive Phosphorus
☐ 16. Nitrate/Nitrite
☐ 17. Total Phosphorus
☐ 21. Total Phenols
☐ 19. Oil/Grease)
☐ 20. TOC
☐ 60. PCBs congener method (ASP 91-11)
☐ 22. Other _____
☐ 59. PCBs at 0.065 ug/l
☐ 64. Total Solids
☐ 62. CBOD
☐ 65. Volatiles (USEPA 524.2 GC/MS)

CONTRACT LABORATORY PROTOCOLS

☐ 23 (ALL)—Water—Includes 24-28
☐ 29. (ALL)—Soil/Sediments—Includes 30-34
☐ 24 Base/Neutral/Acid (B/N/A)—Water—GC/MS (ASP #95-2)
☐ 30. (B/N/A)—Soil/Sediments—GC/MS (ASP #95-2)
☐ 25 Volatile Organic Analysis VOA—Water—GC/MS (ASP #95-1)
☐ 31. VOA—Soil/Sediments—GC/MS (ASP #95-1)
☐ 26 Pesticides/PCBs—Water—GC/MS (ASP #95-3)
☐ 32. Pesticides/PCBs—Soil/Sediments—GC (ASP #95-3)
☐ 27 Metals—23 in Water
☐ 33. Metals—23 in Soil/Sediments)
☐ 28 Cyanide—Water
☐ 34. Cyanide—Soil/Sediments)
☐ 66 Dioxin-Water (ASP #91-7)
☐ 67. Dioxin-Soil/Sediments (ASP #91-7)
☐ 35 Other _____

HAZARDOUS WASTES/RCRA ANALYSIS SW-846

☐ 36. EP Toxicity
☐ 37. EP Toxicity (Metals Only)
☐ 38. Ignitability
☐ 39. Corrosivity
☒ 40. VOA—(USEPA 8260 GC/MS)
☒ 41. BNA—(USEPA 8270 GC/MS)
☒ 42. Pesticides/PCBs (USEPA 8081)
☐ 43. TCLP
☐ 44. TCLP (Metals Only)
☐ 45. Reactivity
☐ 46. Dioxin (USEPA 8280)
☐ 47. Appendix IX
☐ 48. Other _____
☐ 63 Percent Solids
☒ 68. Metals—17 Hazardous

MUNICIPAL SLUDGE

☐ 56. RS-01 ☐ 57. RS-02 ☐ 58. Other _____

COLLECTED BY:	TELEPHONE NUMBER:	REGION NO.:
Russ Mu[illegible]	(518) 897-1242	5

CONTRACT LABORATORY:	COUNTY:	SAMPLING DATE:	MILITARY TIME:
REGRA	[illegible]	05/06/93	1030

SAMPLE MATRIX:

☐ Air ☐ Soil/Sediment ☐ Groundwater ☒ Surface Water ☐ Wastewater ☐ Other _____

CASE NO.	SDG NO.	SAMPLE NO.	CHECK FOR MS/MD	TYPE OF SAMPLE
5 1 7 5 7 5	A S 0 6 F	G 1 5 4	☐ This sample	☒ Grab ☐ Composite ☐ Term _____ hours

☐ Check if there will be more samples with this SDG sent in this calendar week.

SAMPLING POINT:

Report via Category B, unless checked ☐

Check if field duplicate ☐ Outfall Number

Check if sampling is part of inspection ☐

FLOW: _____ GPD _____ MGD

SPDES NUMBER/REGISTRY NUMBER

74-15-1 (9/97)—q

SEND THIS SHEET WITH SAMPLE TO CONTACT LAB

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

CONTRACT LAB SAMPLE INFORMATION SHEET

Print Legibly

Part 3

CAUTION (check if applicable)

☐ Lab personnel are expected to use caution when handling DEC samples, however, please use special caution when handling this sample since it is believed to contain significant concentrations of hazardous and/or toxic materials(s)

CHECK THE BOX PRECEDING THE REQUESTED ANALYSIS

PRIORITY POLLUTANTS (Water Part 136)—SPDES

☐ 2. 13PP Metals
☐ 4. Acids Base/Neutrals (USEPA 624 GC/MS)
☐ 7. Halogenated Volatiles (USEPA 601 GC)
☐ 10. pH
☐ 13. Settleable Solids
☐ 16. Nitrate/Nitrite
☐ 19. Oil/Grease)
☐ 22. Other ______
☐ 3. Volatiles—(USEPA 624 GC/MS)
☐ 5. Cyanide
☐ 8. Aromatic Volatiles USEPA 602 GC)
☐ 11. COD
☐ 14. TKN
☐ 17. Total Phosphorus
☐ 20. TOC
☐ 59. PCBs at 0.065 ug/l
☐ 62. CBOD
☐ 6. Pesticides/PCBs (USEPA 608-GC)
☐ 9. BOD
☐ 12. TSS
☐ 15. Ammonia
☐ 18. Reactive Phosphorus
☐ 21. Total Phenols
☐ 60. PCBs congener method (ASP 91-11)
☐ 64. Total Solids
☐ 65. Volatiles (USEPA 524.2 GC/MS)

CONTRACT LABORATORY PROTOCOLS

☐ 23 (ALL)—Water—Includes 24-28
☐ 24 Base/Neutral/Acid (B/N/A)—Water—GC/MS (ASP #95-2)
☐ 25 Volatile Organic Analysis VOA—Water—GC/MS (ASP #95-1)
☐ 26 Pesticides/PCBs—Water—GC/MS (ASP #95-3)
☐ 27 Metals—23 in Water
☐ 28 Cyanide—Water
☐ 66 Dioxin-Water (ASP #91-7)
☐ 35 Other ______
☐ 29. (ALL)—Soil/Sediments—Includes 30-34
☐ 30. (B/N/A)—Soil/Sediments—GC/MS (ASP #95-2)
☐ 31. VOA—Soil/Sediments—GC/MS (ASP #95-1)
☐ 32. Pesticides/PCBs—Soil/Sediments—GC (ASP #95-3)
☐ 33. Metals—23 in Soil/Sediments)
☐ 34. Cyanide—Soil/Sediments)
☐ 67. Dioxin-Soil/Sediments (ASP #91-7)

HAZARDOUS WASTES/RCRA ANALYSIS SW-846

☐ 36. EP Toxicity
☐ 39. Corrosivity
☒ 42. Pesticides/PCBs (USEPA 8081)
☐ 45. Reactivity
☐ 48. Other ______
☐ 37. EP Toxicity (Metals Only)
☒ 40. VOA—(USEPA 8260 GC/MS)
☐ 43. TCLP
☐ 46. Dioxin (USEPA 8280)
☐ 63 Percent Solids
☐ 38. Ignitability
☒ 41. BNA—(USEPA 8270 GC/MS)
☐ 44. TCLP (Metals Only)
☐ 47. Appendix IX
☒ 68. Metals—17 Hazardous

MUNICIPAL SLUDGE

☐ 56. RS-01 ☐ 57. RS-02 ☐ 58. Other ______

COLLECTED BY:	TELEPHONE NUMBER:	REGION NO.:
Russ Mulvey	([illegible]) 397-1242	5

CONTRACT LABORATORY:	COUNTY:	SAMPLING DATE:	MILITARY TIME:
RECRA	Washington	05/06/98	1030

SAMPLE MATRIX:

☐ Air ☒ Soil/Sediment ☐ Groundwater ☐ Surface Water ☐ Wastewater ☐ Other ______

CASE NO.	SDG NO.	SAMPLE NO.	CHECK FOR MS/MD	TYPE OF SAMPLE
[illegible]H5798	[illegible]96F	C115E0	☐ This sample	☒ Grab ☐ Composite ☐ Term ____ hours

☐ Check if there will be more samples with this SDG sent in this calendar week.

SAMPLING POINT:

Report via Category B, unless checked ☐
Check if field duplicate ☐ Outfall Number
Check if sampling is part of inspection ☐
FLOW: ______ GPD ______ MGD

SPDES NUMBER/REGISTRY NUMBER

74-15-1 (9/97)—q

SEND THIS SHEET WITH SAMPLE TO CONTACT LAB

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

CONTRACT LAB SAMPLE INFORMATION SHEET

Print Legibly

Part 3

CAUTION (check if applicable)

☐ Lab personnel are expected to use caution when handling DEC samples, however, please use special caution when handling this sample since it is believed to contain significant concentrations of hazardous and/or toxic materials(s)

CHECK THE BOX PRECEDING THE REQUESTED ANALYSIS

PRIORITY POLLUTANTS (Water Part 136)—SPDES

☐ 2. 13PP Metals
☐ 4. Acids Base/Neutrals (USEPA 624 GC/MS)
☐ 7. Halogenated Volatiles (USEPA 601 GC)
☐ 10. pH
☐ 13. Settleable Solids
☐ 16. Nitrate/Nitrite
☐ 19. Oil/Grease)
☐ 22. Other ____________
☐ 3. Volatiles—(USEPA 624 GC/MS)
☐ 5. Cyanide
☐ 8. Aromatic Volatiles USEPA 602 GC)
☐ 11. COD
☐ 14. TKN
☐ 17. Total Phosphorus
☐ 20. TOC
☐ 59. PCBs at 0.065 ug/l
☐ 62. CBOD
☐ 6. Pesticides/PCBs (USEPA 608-GC)
☐ 9. BOD
☐ 12. TSS
☐ 15. Ammonia
☐ 18. Reactive Phosphorus
☐ 21. Total Phenols
☐ 60. PCBs congener method (ASP 91-11)
☐ 64. Total Solids
☐ 65. Volatiles (USEPA 524.2 GC/MS)

CONTRACT LABORATORY PROTOCOLS

☐ 23 (ALL)—Water—Includes 24-28
☐ 24 Base/Neutral/Acid (B/N/A)—Water—GC/MS (ASP #95-2)
☐ 25 Volatile Organic Analysis VOA—Water—GC/MS (ASP #95-1)
☐ 26 Pesticides/PCBs—Water—GC/MS (ASP #95-3)
☐ 27 Metals—23 in Water
☐ 28 Cyanide—Water
☐ 66 Dioxin-Water (ASP #91-7)
☐ 29. (ALL)—Soil/Sediments—Includes 30-34
☐ 30. (B/N/A)—Soil/Sediments—GC/MS (ASP #95-2)
☐ 31. VOA—Soil/Sediments—GC/MS (ASP #95-1)
☐ 32. Pesticides/PCBs—Soil/Sediments—GC (ASP #95-3)
☐ 33. Metals—23 in Soil/Sediments)
☐ 34. Cyanide—Soil/Sediments)
☐ 67. Dioxin-Soil/Sediments (ASP #91-7)
☐ 35 Other ____________

HAZARDOUS WASTES/RCRA ANALYSIS SW-846

☐ 36. EP Toxicity
☐ 39. Corrosivity
☒ 42. Pesticides/PCBs (USEPA 8081)
☐ 45. Reactivity
☐ 48. Other ____________
☐ 37. EP Toxicity (Metals Only)
☒ 40. VOA—(USEPA 8260 GC/MS)
☐ 43. TCLP
☐ 46. Dioxin (USEPA 8280)
☐ 63 Percent Solids
☐ 38. Ignitability
☒ 41. BNA—(USEPA 8270 GC/MS)
☐ 44. TCLP (Metals Only)
☐ 47. Appendix IX
☒ 68. Metals—17 Hazardous

MUNICIPAL SLUDGE

☐ 56. RS-01 ☐ 57. RS-02 ☐ 58. Other ____________

COLLECTED BY:	TELEPHONE NUMBER:	REGION NO.:
Russ Mulvey	(518) 397-1242	5

CONTRACT LABORATORY:	COUNTY:	SAMPLING DATE:	MILITARY TIME:
RECRA	Washington	05/06/98	1100

SAMPLE MATRIX:

☐ Air ☐ Soil/Sediment ☐ Groundwater ☒ Surface Water ☐ Wastewater ☐ Other ____________

CASE NO.	SDG NO.	SAMPLE NO.	CHECK FOR MS/MD	TYPE OF SAMPLE
SH578	07069	C254	☐ This sample	☒ Grab ☐ Composite ☐ Term. ____ hours

☐ Check if there will be more samples with this SDG sent in this calendar week.

SAMPLING POINT:

Report via Category B, unless checked ☐
Check if field duplicate ☐ Outfall Number
Check if sampling is part of inspection ☐
FLOW: ______ GPD ______ MGD

SPDES NUMBER/REGISTRY NUMBER

| | | | | | |

74-15-1 (9/97)—q

SEND THIS SHEET WITH SAMPLE TO CONTACT LAB

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

CONTRACT LAB SAMPLE INFORMATION SHEET

Print Legibly

Part 3

CAUTION (check if applicable)

☐ Lab personnel are expected to use caution when handling DEC samples, however, please use special caution when handling this sample since it is believed to contain significant concentrations of hazardous and/or toxic materials(s)

CHECK THE BOX PRECEDING THE REQUESTED ANALYSIS

PRIORITY POLLUTANTS (Water Part 136)—SPDES

☐ 2. 13PP Metals
☐ 4. Acids Base/Neutrals (USEPA 624 GC/MS)
☐ 7. Halogenated Volatiles (USEPA 601 GC)
☐ 10. pH
☐ 13. Settleable Solids
☐ 16. Nitrate/Nitrite
☐ 19. Oil/Grease)
☐ 22. Other ____________
☐ 3. Volatiles—(USEPA 624 GC/MS)
☐ 5. Cyanide
☐ 8. Aromatic Volatiles USEPA 602 GC)
☐ 11. COD
☐ 14. TKN
☐ 17. Total Phosphorus
☐ 20. TOC
☐ 59. PCBs at 0.065 ug/l
☐ 62. CBOD
☐ 6. Pesticides/PCBs (USEPA 608-GC)
☐ 9. BOD
☐ 12. TSS
☐ 15. Ammonia
☐ 18. Reactive Phosphorus
☐ 21. Total Phenols
☐ 60. PCBs congener method (ASP 91-11)
☐ 64. Total Solids
☐ 65. Volatiles (USEPA 524.2 GC/MS)

CONTRACT LABORATORY PROTOCOLS

☐ 23 (ALL)—Water—Includes 24-28
☐ 24 Base/Neutral/Acid (B/N/A)—Water—GC/MS (ASP #95-2)
☐ 25 Volatile Organic Analysis VOA—Water—GC/MS (ASP #95-1)
☒ 26 Pesticides/PCBs—Water—GC/MS (ASP #95-3)
☐ 27 Metals—23 in Water
☐ 28 Cyanide—Water
☐ 66 Dioxin-Water (ASP #91-7)
☐ 35 Other ____________
☐ 29. (ALL)—Soil/Sediments—Includes 30-34
☐ 30. (B/N/A)—Soil/Sediments—GC/MS (ASP #95-2)
☐ 31. VOA—Soil/Sediments—GC/MS (ASP #95-1)
☐ 32. Pesticides/PCBs—Soil/Sediments—GC (ASP #95-3)
☐ 33. Metals—23 in Soil/Sediments)
☐ 34. Cyanide—Soil/Sediments)
☐ 67. Dioxin-Soil/Sediments (ASP #91-7)

HAZARDOUS WASTES/RCRA ANALYSIS SW-846

☐ 36. EP Toxicity
☐ 39. Corrosivity
☒ 42. Pesticides/PCBs (USEPA 8081)
☐ 45. Reactivity
☐ 48. Other ____________
☐ 37. EP Toxicity (Metals Only)
☒ 40. VOA—(USEPA 8260 GC/MS)
☐ 43. TCLP
☐ 46. Dioxin (USEPA 8280)
☐ 63 Percent Solids
☐ 38. Ignitability
☒ 41. BNA—(USEPA 8270 GC/MS)
☐ 44. TCLP (Metals Only)
☐ 47. Appendix IX
☒ 68. Metals—17 Hazardous

MUNICIPAL SLUDGE

☐ 56. RS-01 ☐ 57. RS-02 ☐ 58. Other ____________

COLLECTED BY:	TELEPHONE NUMBER:	REGION NO.:
Russ Mu[illegible]	(518) 897-1242	5

CONTRACT LABORATORY:	COUNTY:	SAMPLING DATE:	MILITARY TIME:
REC[illegible]	Washington	05/06/98	1100

SAMPLE MATRIX:

☐ Air ☒ Soil/Sediment ☐ Groundwater ☐ Surface Water ☐ Wastewater ☐ Other ____________

CASE NO.	SDG NO.	SAMPLE NO.	CHECK FOR MS/MD	TYPE OF SAMPLE
5H5713	0506F	C25E0	☐ This sample	☒ Grab ☐ Composite ☐ Term ____ hours

☐ Check if there will be more samples with this SDG sent in this calendar week.

SAMPLING POINT:

Report via Category B, unless checked ☐

Check if field duplicate ☐ Outfall Number

Check if sampling is part of inspection ☐

FLOW: ________ GPD ________ MGD

SPDES NUMBER/REGISTRY NUMBER

74-15-1 (9/97)—q

SEND THIS SHEET WITH SAMPLE TO CONTACT LAB

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

CONTRACT LAB SAMPLE INFORMATION SHEET

Print Legibly

Part 3

CAUTION (check if applicable)

☐ Lab personnel are expected to use caution when handling DEC samples, however, please use special caution when handling this sample since it is believed to contain significant concentrations of hazardous and/or toxic materials(s)

CHECK THE BOX PRECEDING THE REQUESTED ANALYSIS

PRIORITY POLLUTANTS (Water Part 136)—SPDES

☐ 2. 13PP Metals
☐ 4. Acids Base/Neutrals (USEPA 624 GC/MS)
☐ 7. Halogenated Volatiles (USEPA 601 GC)
☐ 10. pH
☐ 13. Settleable Solids
☐ 16. Nitrate/Nitrite
☐ 19. Oil/Grease)
☐ 22. Other ______
☐ 3. Volatiles—(USEPA 624 GC/MS)
☐ 5. Cyanide
☐ 8. Aromatic Volatiles USEPA 602 GC)
☐ 11. COD
☐ 14. TKN
☐ 17. Total Phosphorus
☐ 20. TOC
☐ 59. PCBs at 0.065 ug/l
☐ 62. CBOD
☐ 6. Pesticides/PCBs (USEPA 608-GC)
☐ 9. BOD
☐ 12. TSS
☐ 15. Ammonia
☐ 18. Reactive Phosphorus
☐ 21. Total Phenols
☐ 60. PCBs congener method (ASP 91-11)
☐ 64. Total Solids
☐ 65. Volatiles (USEPA 524.2 GC/MS)

CONTRACT LABORATORY PROTOCOLS

☐ 23 (ALL)—Water—Includes 24-28
☐ 24 Base/Neutral/Acid (B/N/A)—Water—GC/MS (ASP #95-2)
☐ 25 Volatile Organic Analysis VOA—Water—GC/MS (ASP #95-1)
☐ 26 Pesticides/PCBs—Water—GC/MS (ASP #95-3)
☐ 27 Metals—23 in Water
☐ 28 Cyanide—Water
☐ 66 Dioxin-Water (ASP #91-7)
☐ 35 Other ______
☐ 29. (ALL)—Soil/Sediments—Includes 30-34
☐ 30. (B/N/A)—Soil/Sediments—GC/MS (ASP #95-2)
☐ 31. VOA—Soil/Sediments—GC/MS (ASP #95-1)
☐ 32. Pesticides/PCBs—Soil/Sediments—GC (ASP #95-3)
☐ 33. Metals—23 in Soil/Sediments)
☐ 34. Cyanide—Soil/Sediments)
☐ 67. Dioxin-Soil/Sediments (ASP #91-7)

HAZARDOUS WASTES/RCRA ANALYSIS SW-846

☐ 36. EP Toxicity
☐ 39. Corrosivity
☒ 42. Pesticides/PCBs (USEPA 8081)
☐ 45. Reactivity
☐ 48. Other ______
☐ 37. EP Toxicity (Metals Only)
☒ 40. VOA—(USEPA 8260 GC/MS)
☐ 43. TCLP
☐ 46. Dioxin (USEPA 8280)
☐ 63 Percent Solids
☐ 38. Ignitability
☒ 41. BNA—(USEPA 8270 GC/MS)
☐ 44. TCLP (Metals Only)
☐ 47. Appendix IX
☒ 68. Metals—17 Hazardous

MUNICIPAL SLUDGE

☐ 56. RS-01 ☐ 57. RS-02 ☐ 58. Other ______

COLLECTED BY:		TELEPHONE NUMBER:	REGION NO.:
Russ Mcilvay		(519) 397-1242	5
CONTRACT LABORATORY:	COUNTY:	SAMPLING DATE:	MILITARY TIME:
RECRA [illegible]	Washington	05/06/98	

SAMPLE MATRIX:

☐ Air ☒ Soil/Sediment ☐ Groundwater ☐ Surface Water ☐ Wastewater ☐ Other ______

CASE NO.	SDG NO.	SAMPLE NO.	CHECK FOR MS/MD	TYPE OF SAMPLE
1H519B	05096F	C35ED	☐ This sample	☒ Grab ☐ Composite ☐ Term ____ hours

☐ Check if there will be more samples with this SDG sent in this calendar week.

SAMPLING POINT:

Report via Category B, unless checked ☐

Check if field duplicate ☐ Outfall Number

Check if sampling is part of inspection ☐

FLOW: ______ GPD ______ MGD

SPDES NUMBER/REGISTRY NUMBER

74-15-1 (9/97)—q

SEND THIS SHEET WITH SAMPLE TO CONTACT LAB

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

CONTRACT LAB SAMPLE INFORMATION SHEET

Print Legibly

Part 3

CAUTION (check if applicable)

☐ Lab personnel are expected to use caution when handling DEC samples, however, please use special caution when handling this sample since it is believed to contain significant concentrations of hazardous and/or toxic materials(s)

CHECK THE BOX PRECEDING THE REQUESTED ANALYSIS

PRIORITY POLLUTANTS (Water Part 136)—SPDES

- ☐ 2. 13PP Metals
- ☐ 3. Volatiles—(USEPA 624 GC/MS)
- ☐ 6. Pesticides/PCBs (USEPA 608-GC)
- ☐ 4. Acids Base/Neutrals (USEPA 624 GC/MS)
- ☐ 5. Cyanide
- ☐ 9. BOD
- ☐ 7. Halogenated Volatiles (USEPA 601 GC)
- ☐ 8. Aromatic Volatiles USEPA 602 GC)
- ☐ 12. TSS
- ☐ 10. pH
- ☐ 11. COD
- ☐ 15. Ammonia
- ☐ 13. Settleable Solids
- ☐ 14. TKN
- ☐ 18. Reactive Phosphorus
- ☐ 16. Nitrate/Nitrite
- ☐ 17. Total Phosphorus
- ☐ 21. Total Phenols
- ☐ 19. Oil/Grease)
- ☐ 20. TOC
- ☐ 60. PCBs congener method (ASP 91-11)
- ☐ 22. Other ______
- ☐ 59. PCBs at 0.065 ug/l
- ☐ 64. Total Solids
- ☐ 62. CBOD
- ☐ 65. Volatiles (USEPA 524.2 GC/MS)

CONTRACT LABORATORY PROTOCOLS

- ☐ 23 (ALL)—Water—Includes 24-28
- ☐ 29. (ALL)—Soil/Sediments—Includes 30-34
- ☐ 24 Base/Neutral/Acid (B/N/A)—Water—GC/MS (ASP #95-2)
- ☐ 30. (B/N/A)—Soil/Sediments—GC/MS (ASP #95-2)
- ☐ 25 Volatile Organic Analysis VOA—Water—GC/MS (ASP #95-1)
- ☐ 31. VOA—Soil/Sediments—GC/MS (ASP #95-1)
- ☐ 26 Pesticides/PCBs—Water—GC/MS (ASP #95-3)
- ☐ 32. Pesticides/PCBs—Soil/Sediments—GC (ASP #95-3)
- ☐ 27 Metals—23 in Water
- ☐ 33. Metals—23 in Soil/Sediments)
- ☐ 28 Cyanide—Water
- ☐ 34. Cyanide—Soil/Sediments)
- ☐ 66 Dioxin-Water (ASP #91-7)
- ☐ 67. Dioxin-Soil/Sediments (ASP #91-7)
- ☐ 35 Other ______

HAZARDOUS WASTES/RCRA ANALYSIS SW-846

- ☐ 36. EP Toxicity
- ☐ 37. EP Toxicity (Metals Only)
- ☐ 38. Ignitability
- ☐ 39. Corrosivity
- ☒ 40. VOA—(USEPA 8260 GC/MS)
- ☒ 41. BNA—(USEPA 8270 GC/MS)
- ☒ 42. Pesticides/PCBs (USEPA 8081)
- ☐ 43. TCLP
- ☐ 44. TCLP (Metals Only)
- ☐ 45. Reactivity
- ☐ 46. Dioxin (USEPA 8280)
- ☐ 47. Appendix IX
- ☐ 48. Other ______
- ☐ 63 Percent Solids
- ☒ 68. Metals—17 Hazardous

MUNICIPAL SLUDGE

☐ 56. RS-01 ☐ 57. RS-02 ☐ 58. Other ______

COLLECTED BY:	TELEPHONE NUMBER:	REGION NO.:
Russ Mulvey	(518) 397-1242	5

CONTRACT LABORATORY:	COUNTY:	SAMPLING DATE:	MILITARY TIME:
RECRA	Washington	05/06/93	1200

SAMPLE MATRIX:

☐ Air ☒ Soil/Sediment ☐ Groundwater ☐ Surface Water ☐ Wastewater ☐ Other ______

CASE NO.	SDG NO.	SAMPLE NO.	CHECK FOR MS/MD	TYPE OF SAMPLE
3|4|5|7|9|8	0|5|0|6|F	C4|-|E|D	☐ This sample	☒ Grab ☐ Composite ☐ Term ______ hours

☐ Check if there will be more samples with this SDG sent in this calendar week.

SAMPLING POINT:

Report via Category B, unless checked ☐

Check if field duplicate ☐ Outfall Number

Check if sampling is part of inspection ☐

FLOW: ______ GPD ______ MGD

SPDES NUMBER/REGISTRY NUMBER

U.S. EPA

1

INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

FC1SED

ab Name: RECRA_LABNET Contract: 01667

Lab Code: RECRA Case No.: SH598 SAS No.: SDG No.: FC1SED

Matrix (soil/water): SOIL Lab Sample ID: 9805L736-004

Level (low/med): LOW Date Received: 05/07/98

% Solids: 78.4

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7440-36-0	Antimony	0.51		N*	P
7440-38-2	Arsenic	2.1			P
7440-39-3	Barium	85.1			P
7440-41-7	Beryllium	0.61			P
7440-43-9	Cadmium	0.06	U		P
7440-47-3	Chromium	14.2			P
7440-48-4	Cobalt	7.8			P
7440-50-8	Copper	14.9			P
7439-92-1	Lead	25.3		N	P
7439-97-6	Mercury	0.03			AV
7440-02-0	Nickel	17.1			P
7782-49-2	Selenium	0.46	U	*	P
7440-22-4	Silver	0.13	U		P
7440-28-0	Thallium	0.65	U		P
7440-62-2	Vanadium	19.8			P
7440-66-6	Zinc	58.9			P
7440-31-5	Tin	1.2		*	P

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts:

Comments:

SH598-0506-FC1SED

FORM I - IN

U.S. EPA

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INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

FC1SW

Lab Name: RECRA_LABNET Contract: 01667

Lab Code: RECRA Case No.: SH598 SAS No.: SDG No.: FC1SED

Matrix (soil/water): WATER Lab Sample ID: 9805L736-003

Level (low/med): LOW Date Received: 05/07/98

% Solids: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7440-36-0	Antimony	3.0	U		P
7440-38-2	Arsenic	3.3	U		P
7440-39-3	Barium	11.1			P
7440-41-7	Beryllium	0.20	U		P
7440-43-9	Cadmium	0.50	U		P
7440-47-3	Chromium	1.1	U		P
7440-48-4	Cobalt	1.5	U		P
7440-50-8	Copper	1.8		*	P
7439-92-1	Lead	2.8		*	P
7439-97-6	Mercury	0.10	U		AV
7440-02-0	Nickel	1.3	U	*	P
7782-49-2	Selenium	4.0	U		P
7440-22-4	Silver	1.1	U		P
7440-28-0	Thallium	5.6	U		P
7440-62-2	Vanadium	1.3	U		P
7440-66-6	Zinc	8.0			P
7440-31-5	Tin	4.8	U		P

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts:

Comments:

SH598-0506-FC1SW

U.S. EPA

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INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

FC2SED

Lab Name: RECRA_LABNET Contract: 01667

Lab Code: RECRA Case No.: SH598 SAS No.: SDG No.: FC1SED

Matrix (soil/water): SOIL Lab Sample ID: 9805L736-006

Level (low/med): LOW Date Received: 05/07/98

% Solids: 70.3

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7440-36-0	Antimony	0.30	U	N*	P
7440-38-2	Arsenic	0.66			P
7440-39-3	Barium	20.3			P
7440-41-7	Beryllium	0.21			P
7440-43-9	Cadmium	0.05	U		P
7440-47-3	Chromium	4.4			P
7440-48-4	Cobalt	2.3			P
7440-50-8	Copper	3.8			P
7439-92-1	Lead	8.9		N	P
7439-97-6	Mercury	0.03			AV
7440-02-0	Nickel	3.9			P
7782-49-2	Selenium	0.40	U	*	P
7440-22-4	Silver	0.11	U		P
7440-28-0	Thallium	0.56	U		P
7440-62-2	Vanadium	8.7			P
7440-66-6	Zinc	34.0			P
7440-31-5	Tin	0.95		*	P

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts:

Comments:

SH598-0506-FC2SED

U.S. EPA

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INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

FC2SW

Lab Name: RECRA_LABNET Contract: 01667

Lab Code: RECRA Case No.: SH598 SAS No.: SDG No.: FC1SED

Matrix (soil/water): WATER Lab Sample ID: 9805L736-005

Level (low/med): LOW Date Received: 05/07/98

% Solids: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7440-36-0	Antimony	3.0	U		P
7440-38-2	Arsenic	3.3	U		P
7440-39-3	Barium	12.2			P
7440-41-7	Beryllium	0.20	U		P
7440-43-9	Cadmium	0.50	U		P
7440-47-3	Chromium	1.1	U		P
7440-48-4	Cobalt	1.5	U		P
7440-50-8	Copper	1.9		*	P
7439-92-1	Lead	2.5	U	*	P
7439-97-6	Mercury	0.10	U		AV
7440-02-0	Nickel	1.3	U	*	P
7782-49-2	Selenium	4.0	U		P
7440-22-4	Silver	1.1	U		P
7440-28-0	Thallium	5.6	U		P
7440-62-2	Vanadium	1.3	U		P
7440-66-6	Zinc	8.3			P
7440-31-5	Tin	4.8	U		P

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts:

Comments:

SH598-0506-FC2SW

FORM I - IN

U.S. EPA

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INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

FC3SED

Lab Name: RECRA_LABNET Contract: 01667

Lab Code: RECRA Case No.: SH598 SAS No.: SDG No.: FC1SED

Matrix (soil/water): SOIL Lab Sample ID: 9805L736-007

Level (low/med): LOW Date Received: 05/07/98

% Solids: 75.9

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7440-36-0	Antimony	0.39	U	N*	P
7440-38-2	Arsenic	2.2			P
7440-39-3	Barium	61.2			P
7440-41-7	Beryllium	0.23			P
7440-43-9	Cadmium	0.06	U		P
7440-47-3	Chromium	5.2			P
7440-48-4	Cobalt	3.3			P
7440-50-8	Copper	12.3			P
7439-92-1	Lead	22.3		N	P
7439-97-6	Mercury	0.02	U		AV
7440-02-0	Nickel	4.7			P
7782-49-2	Selenium	0.52	U	*	P
7440-22-4	Silver	0.14	U		P
7440-28-0	Thallium	1.4			P
7440-62-2	Vanadium	10.5			P
7440-66-6	Zinc	40.6			P
7440-31-5	Tin	2.4		*	P

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts:

Comments:

SH598-0506-FC3SED

U.S. EPA

1

INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

FC4SED

Lab Name: RECRA_LABNET Contract: 01667

Lab Code: RECRA Case No.: SH598 SAS No.: SDG No.: FC1SED

Matrix (soil/water): SOIL Lab Sample ID: 9805L736-008

Level (low/med): LOW Date Received: 05/07/98

% Solids: 75.3

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7440-36-0	Antimony	0.28	U	N*	P
7440-38-2	Arsenic	3.4			P
7440-39-3	Barium	31.5			P
7440-41-7	Beryllium	0.25			P
7440-43-9	Cadmium	0.05	U		P
7440-47-3	Chromium	4.6			P
7440-48-4	Cobalt	2.8			P
7440-50-8	Copper	10.7			P
7439-92-1	Lead	59.4		N	P
7439-97-6	Mercury	0.02	U		AV
7440-02-0	Nickel	6.1			P
7782-49-2	Selenium	0.38	U	*	P
7440-22-4	Silver	0.10	U		P
7440-28-0	Thallium	0.53	U		P
7440-62-2	Vanadium	9.8			P
7440-66-6	Zinc	61.8			P
7440-31-5	Tin	1.3		*	P

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts:

Comments:

SH598-0506-FC4SED

Volatiles by GC/MS, HSL List — Report Date: 06/17/98 16:38

RFW Batch Number: 9805L736 — Client: NYSDEC — Work Order: 01667600001 — Page: 1a

	Cust ID:	SH598-0506-F C1SW	SH598-0506-F C1SW	SH598-0506-F C1SW	SH598-0506-F C1SED	SH598-0506-F C1SED	SH598-0506-F C2SW
Sample Information	RFW#:	003	003 MS	003 MSD	004	004 MS	005
	Matrix:	WATER	WATER	WATER	SEDIMENT	SEDIMENT	WATER
	D.F.:	1.00	1.00	1.00	0.980	0.980	1.00
	Units:	UG/L	UG/L	UG/L	UG/KG	UG/KG	UG/L
Surrogate Recovery	Toluene-d8	94 %	92 %	96 %	103 %	107 %	95 %
	Bromofluorobenzene	88 %	89 %	92 %	95 %	95 %	90 %
	1,2-Dichloroethane-d4	101 %	105 %	83 %	88 %	92 %	83 %
Chloromethane		10 U	10 U	10 U	12 U	12 U	10 U
Bromomethane		10 U	10 U	10 U	12 U	12 U	10 U
Vinyl Chloride		10 U	10 U	10 U	12 U	12 U	10 U
Chloroethane		10 U	10 U	10 U	12 U	12 U	10 U
Methylene Chloride		7 B	7 B	10 B	6 BJ	5 BJ	1 BJ
Acetone		3 BJ	5 BJ	5 BJ	20 B	25 B	10 U
Carbon Disulfide		5 U	5 U	5 U	6 U	6 U	5 U
1,1-Dichloroethene		5 U	102 %	85 %	6 U	145 %	5 U
1,1-Dichloroethane		5 U	5 U	5 U	6 U	6 U	5 U
1,2-Dichloroethene (total)		5 U	5 U	5 U	6 U	6 U	5 U
Chloroform		5 U	5 U	5 U	6 U	6 U	5 U
1,2-Dichloroethane		5 U	5 U	5 U	6 U	6 U	5 U
2-Butanone		10 U	10 U	10 U	7 J	8 J	10 U
1,1,1-Trichloroethane		5 U	5 U	5 U	6 U	6 U	5 U
Carbon Tetrachloride		5 U	5 U	5 U	6 U	6 U	5 U
Bromodichloromethane		5 U	5 U	5 U	6 U	6 U	5 U
1,2-Dichloropropane		5 U	5 U	5 U	6 U	6 U	5 U
cis-1,3-Dichloropropene		5 U	5 U	5 U	6 U	6 U	5 U
Trichloroethene		5 U	100 %	89 %	6 U	98 %	5 U
Dibromochloromethane		5 U	5 U	5 U	6 U	6 U	5 U
1,1,2-Trichloroethane		5 U	5 U	5 U	6 U	6 U	5 U
Benzene		5 U	101 %	94 %	6 U	103 %	5 U
Trans-1,3-Dichloropropene		5 U	5 U	5 U	6 U	6 U	5 U
Bromoform		5 U	5 U	5 U	6 U	6 U	5 U
4-Methyl-2-pentanone		10 U	10 U	10 U	12 U	12 U	10 U
2-Hexanone		10 U	10 U	10 U	12 U	12 U	10 U
Tetrachloroethene		5 U	5 U	5 U	6 U	6 U	5 U
1,1,2,2-Tetrachloroethane		5 U	5 U	5 U	6 U	6 U	5 U
Toluene		5 U	98 %	97 %	6 U	106 %	5 U

*= Outside of EPA CLP QC limits.

0114

Cust ID:	SH598-0506-F C1SW	SH598-0506-F C1SW	SH598-0506-F C1SW	SH598-0506-F C1SED	SH598-0506-F C1SED	SH598-0506-F C2SW
RFW#:	003	003 MS	003 MSD	004	004 MS	005
Chlorobenzene	5 U	101 %	96 %	6 U	101 %	5 U
Ethylbenzene	5 U	5 U	5 U	6 U	6 U	5 U
Styrene	5 U	5 U	5 U	6 U	6 U	5 U
Xylene (total)	5 U	5 U	5 U	6 U	6 U	5 U

*= Outside of EPA CLP QC limits.

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Sample Information	Cust ID:	SH598-0506-F C2SED	SH598-0506-F C3SED	SH598-0506-F C4SED	VBLKRF	VBLKRF BS	VBLKWI
	RFW#:	006	007	008	98LVN161-MB1	98LVN161-MB1	98LVX280-MB1
	Matrix:	SEDIMENT	SEDIMENT	SEDIMENT	WATER	WATER	WATER
	D.F.:	1.00	0.980	0.980	1.00	1.00	1.00
	Units:	UG/KG	UG/KG	UG/KG	UG/L	UG/L	UG/L
Surrogate Recovery	Toluene-d8	110 %	114 %	100 %	90 %	94 %	99 %
	Bromofluorobenzene	89 %	86 %	94 %	94 %	90 %	93 %
	1,2-Dichloroethane-d4	91 %	94 %	91 %	109 %	103 %	82 %
Chloromethane		14 U	13 U	13 U	3 J	5 JB	10 U
Bromomethane		14 U	13 U	13 U	10 U	10 U	10 U
Vinyl Chloride		14 U	13 U	13 U	10 U	10 U	10 U
Chloroethane		14 U	13 U	13 U	10 U	10 U	10 U
Methylene Chloride		6 BJ	8 B	17 B	2 J	6 JB	6
Acetone		14 B	13 U	13 U	15	6 JB	6 J
Carbon Disulfide		7 U	6 U	6 U	5 U	5 U	5 U
1,1-Dichloroethene		7 U	6 U	6 U	5 U	92 %	5 U
1,1-Dichloroethane		7 U	6 U	6 U	5 U	5 U	5 U
1,2-Dichloroethene (total)		7 U	6 U	6 U	5 U	5 U	5 U
Chloroform		7 U	6 U	6 U	5 U	5 U	5 U
1,2-Dichloroethane		7 U	6 U	6 U	5 U	5 U	5 U
2-Butanone		6 J	13 U	13 U	10 U	10 U	10 U
1,1,1-Trichloroethane		7 U	6 U	6 U	5 U	5 U	5 U
Carbon Tetrachloride		7 U	6 U	6 U	5 U	5 U	5 U
Bromodichloromethane		7 U	6 U	6 U	5 U	5 U	5 U
1,2-Dichloropropane		7 U	6 U	6 U	5 U	5 U	5 U
cis-1,3-Dichloropropene		7 U	6 U	6 U	5 U	5 U	5 U
Trichloroethene		7 U	2 J	6 U	5 U	92 %	5 U
Dibromochloromethane		7 U	6 U	6 U	5 U	5 U	5 U
1,1,2-Trichloroethane		7 U	6 U	6 U	5 U	5 U	5 U
Benzene		7 U	6 U	6 U	5 U	94 %	5 U
Trans-1,3-Dichloropropene		7 U	6 U	6 U	5 U	5 U	5 U
Bromoform		7 U	6 U	6 U	5 U	5 U	5 U
4-Methyl-2-pentanone		14 U	13 U	13 U	10 U	10 U	10 U
2-Hexanone		14 U	13 U	13 U	10 U	10 U	10 U
Tetrachloroethene		7 U	6 U	6 U	5 U	5 U	5 U
1,1,2,2-Tetrachloroethane		7 U	6 U	6 U	5 U	5 U	5 U
Toluene		7 U	6 U	6 U	5 U	92 %	5 U

*= Outside of EPA CLP QC limits.

Cust ID:	SH598-0506-F C2SED		SH598-0506-F C3SED		SH598-0506-F C4SED		VBLKRF		VBLKRF BS		VBLKWI	
RFW#:	006		007		008		98LVN161-MB1		98LVN161-MB1		98LVX280-MB1	
Chlorobenzene	7	U	6	U	6	U	5	U	93 %		5	U
Ethylbenzene	7	U	6	U	6	U	5	U	5	U	5	U
Styrene	7	U	6	U	6	U	5	U	5	U	5	U
Xylene (total)	7	U	6	U	6	U	5	U	5	U	5	U

*= Outside of EPA CLP QC limits.

	Cust ID:	VBLKWJ	VBLKWJ BS	VBLKWK
Sample Information	RFW#:	98LVX284-MB1	98LVX284-MB1	98LVX282-MB1
	Matrix:	SOIL	SOIL	WATER
	D.F.:	1.00	1.00	1.00
	Units:	UG/KG	UG/KG	UG/L

	Toluene-d8	98	%	103	%	94	%
Surrogate	Bromofluorobenzene	93	%	96	%	90	%
Recovery	1,2-Dichloroethane-d4	83	%	91	%	82	%
Chloromethane		10	U	10	U	10	U
Bromomethane		10	U	10	U	10	U
Vinyl Chloride		10	U	10	U	10	U
Chloroethane		10	U	10	U	10	U
Methylene Chloride		4	J	5	B	3	J
Acetone		4	J	6	BJ	4	J
Carbon Disulfide		5	U	5	U	5	U
1,1-Dichloroethene		5	U	104	%	5	U
1,1-Dichloroethane		5	U	5	U	5	U
1,2-Dichloroethene (total)		5	U	5	U	5	U
Chloroform		5	U	5	U	5	U
1,2-Dichloroethane		5	U	5	U	5	U
2-Butanone		10	U	10	U	10	U
1,1,1-Trichloroethane		5	U	5	U	5	U
Carbon Tetrachloride		5	U	5	U	5	U
Bromodichloromethane		5	U	5	U	5	U
1,2-Dichloropropane		5	U	5	U	5	U
cis-1,3-Dichloropropene		5	U	5	U	5	U
Trichloroethene		5	U	97	%	5	U
Dibromochloromethane		5	U	5	U	5	U
1,1,2-Trichloroethane		5	U	5	U	5	U
Benzene		5	U	100	%	5	U
Trans-1,3-Dichloropropene		5	U	5	U	5	U
Bromoform		5	U	5	U	5	U
4-Methyl-2-pentanone		10	U	10	U	10	U
2-Hexanone		10	U	10	U	10	U
Tetrachloroethene		5	U	5	U	5	U
1,1,2,2-Tetrachloroethane		5	U	5	U	5	U
Toluene		5	U	101	%	5	U

*= Outside of EPA CLP QC limits.

Cust ID:	VBLKWJ	VBLKWJ BS	VBLKWK
RFW#:	98LVX284-MB1	98LVX284-MB1	98LVX282-MB1
Chlorobenzene	5 U	99 %	5 U
Ethylbenzene	5 U	5 U	5 U
Styrene	5 U	5 U	5 U
Xylene (total)	5 U	5 U	5 U

*= Outside of EPA CLP QC limits.

	Cust ID:	SH598-0506-C HC9SW		SH598-0506-C HC10SW		SH598-0506-F C1SW		SH598-0506-F C1SED		SH598-0506-F C2SW		SH598-0506-F C2SED	
Sample Information	RFW#:	001		002		003		004		005		006	
	Matrix:	WATER		WATER		WATER		SEDIMENT		WATER		SEDIMENT	
	D.F.:	1.00		1.00		1.00		1.00		1.00		1.00	
	Units:	UG/L		UG/L		UG/L		UG/KG		UG/L		UG/KG	
Surrogate Recovery	Nitrobenzene-d5	72	%	79	%	75	%	78	%	75	%	83	%
	2-Fluorobiphenyl	69	%	75	%	72	%	78	%	70	%	81	%
	Terphenyl-d14	77	%	86	%	86	%	77	%	88	%	79	%
	Phenol-d5	69	%	73	%	71	%	76	%	71	%	75	%
	2-Fluorophenol	65	%	66	%	75	%	73	%	67	%	73	%
	2,4,6-Tribromophenol	73	%	71	%	85	%	80	%	71	%	83	%
Phenol		10	U	10	U	10	U	420	U	10	U	470	U
bis(2-Chloroethyl)ether		10	U	10	U	10	U	420	U	10	U	470	U
2-Chlorophenol		10	U	10	U	10	U	420	U	10	U	470	U
1,3-Dichlorobenzene		10	U	10	U	10	U	420	U	10	U	470	U
1,4-Dichlorobenzene		10	U	10	U	10	U	420	U	10	U	470	U
1,2-Dichlorobenzene		10	U	10	U	10	U	420	U	10	U	470	U
2-Methylphenol		10	U	10	U	10	U	420	U	10	U	470	U
2,2'-oxybis(1-Chloropropane)		10	U	10	U	10	U	420	U	10	U	470	U
4-Methylphenol		10	U	10	U	10	U	420	U	10	U	470	U
N-Nitroso-di-n-propylamine		10	U	10	U	10	U	420	U	10	U	470	U
Hexachloroethane		10	U	10	U	10	U	420	U	10	U	470	U
Nitrobenzene		10	U	10	U	10	U	420	U	10	U	470	U
Isophorone		10	U	10	U	10	U	420	U	10	U	470	U
2-Nitrophenol		10	U	10	U	10	U	420	U	10	U	470	U
2,4-Dimethylphenol		10	U	10	U	10	U	420	U	10	U	470	U
bis(2-Chloroethoxy)methane		10	U	10	U	10	U	420	U	10	U	470	U
2,4-Dichlorophenol		10	U	10	U	10	U	420	U	10	U	470	U
1,2,4-Trichlorobenzene		10	U	10	U	10	U	420	U	10	U	470	U
Naphthalene		10	U	10	U	10	U	420	U	10	U	470	U
4-Chloroaniline		10	U	10	U	10	U	420	U	10	U	470	U
Hexachlorobutadiene		10	U	10	U	10	U	420	U	10	U	470	U
4-Chloro-3-methylphenol		10	U	10	U	10	U	420	U	10	U	470	U
2-Methylnaphthalene		10	U	10	U	10	U	420	U	10	U	470	U
Hexachlorocyclopentadiene		10	U	10	U	10	U	420	U	10	U	470	U
2,4,6-Trichlorophenol		10	U	10	U	10	U	420	U	10	U	470	U
2,4,5-Trichlorophenol		26	U	26	U	26	U	1100	U	26	U	1200	U

*= Outside of EPA CLP QC limits.

Cust ID:	SH598-0506-C HC9SW		SH598-0506-C HC10SW		SH598-0506-F C1SW		SH598-0506-F C1SED		SH598-0506-F C2SW		SH598-0506-F C2SED	
RFW#:	001		002		003		004		005		006	
2-Chloronaphthalene	10	U	10	U	10	U	420	U	10	U	470	U
2-Nitroaniline	26	U	26	U	26	U	1100	U	26	U	1200	U
Dimethylphthalate	10	U	10	U	10	U	420	U	10	U	470	U
Acenaphthylene	10	U	10	U	10	U	48	J	10	U	49	J
2,6-Dinitrotoluene	10	U	10	U	10	U	420	U	10	U	470	U
3-Nitroaniline	26	U	26	U	26	U	1100	U	26	U	1200	U
Acenaphthene	10	U	10	U	10	U	34	J	10	U	470	U
2,4-Dinitrophenol	26	U	26	U	26	U	1100	U	26	U	1200	U
4-Nitrophenol	26	U	26	U	26	U	1100	U	26	U	1200	U
Dibenzofuran	10	U	10	U	10	U	22	J	10	U	470	U
2,4-Dinitrotoluene	10	U	10	U	10	U	420	U	10	U	470	U
Diethylphthalate	10	U	10	U	10	U	420	U	10	U	470	U
4-Chlorophenyl-phenylether	10	U	10	U	10	U	420	U	10	U	470	U
Fluorene	10	U	10	U	10	U	57	J	10	U	470	U
4-Nitroaniline	26	U	26	U	26	U	1100	U	26	U	1200	U
4,6-Dinitro-2-methylphenol	26	U	26	U	26	U	1100	U	26	U	1200	U
N-Nitrosodiphenylamine (1)	10	U	10	U	10	U	420	U	10	U	470	U
4-Bromophenyl-phenylether	10	U	10	U	10	U	420	U	10	U	470	U
Hexachlorobenzene	10	U	10	U	10	U	420	U	10	U	470	U
Pentachlorophenol	26	U	26	U	26	U	1100	U	26	U	1200	U
Phenanthrene	10	U	10	U	10	U	440		10	U	150	J
Anthracene	10	U	10	U	10	U	200	J	10	U	53	J
Carbazole	10	U	10	U	10	U	420	U	10	U	470	U
Di-n-butylphthalate	1	JB	0.9	JB	0.8	JB	420	U	0.8	JB	470	U
Fluoranthene	10	U	10	U	10	U	1200		10	U	400	J
Pyrene	10	U	10	U	10	U	1100		10	U	480	
Butylbenzylphthalate	10	U	10	U	10	U	420	U	10	U	470	U
3,3'-Dichlorobenzidine	10	U	10	U	10	U	420	U	10	U	470	U
Benzo(a)anthracene	10	U	10	U	10	U	630		10	U	260	J
Chrysene	10	U	10	U	10	U	580		10	U	290	J
bis(2-Ethylhexyl)phthalate	10	U	10	U	10	U	420	U	10	U	44	J
Di-n-octyl phthalate	10	U	10	U	10	U	420	U	10	U	470	U
Benzo(b)fluoranthene	10	U	10	U	10	U	340	J	10	U	200	J
Benzo(k)fluoranthene	10	U	10	U	10	U	460		10	U	210	J
Benzo(a)pyrene	10	U	10	U	10	U	510		10	U	270	J
Indeno(1,2,3-cd)pyrene	10	U	10	U	10	U	220	J	10	U	130	J
Dibenz(a,h)anthracene	10	U	10	U	10	U	95	J	10	U	67	J
Benzo(g,h,i)perylene	10	U	10	U	10	U	220	J	10	U	140	J

(1) - Cannot be separated from Diphenylamine. *= Outside of EPA CLP QC limits.

	Cust ID:	SH598-0506-F C3SED	SH598-0506-F C4SED	SBLKZD	SBLKZD BS	SBLKZT	SBLKZT BS
Sample Information	RFW#:	007	008	98LE0770-MB1	98LE0770-MB1	98LE0808-MB1	98LE0808-MB1
	Matrix:	SEDIMENT	SEDIMENT	WATER	WATER	SOIL	SOIL
	D.F.:	1.00	1.00	1.00	1.00	1.00	1.00
	Units:	UG/KG	UG/KG	UG/L	UG/L	UG/KG	UG/KG
Surrogate Recovery	Nitrobenzene-d5	76 %	69 %	77 %	71 %	119 %	111 %
	2-Fluorobiphenyl	77 %	74 %	74 %	69 %	117 * %	104 %
	Terphenyl-d14	73 %	73 %	93 %	88 %	102 %	110 %
	Phenol-d5	68 %	66 %	76 %	70 %	99 %	103 %
	2-Fluorophenol	67 %	61 %	73 %	64 %	97 %	93 %
	2,4,6-Tribromophenol	68 %	77 %	68 %	65 %	71 %	79 %
Phenol		440 U	440 U	10 U	68 %	330 U	106 * %
bis(2-Chloroethyl)ether		440 U	440 U	10 U	10 U	330 U	330 U
2-Chlorophenol		440 U	440 U	10 U	69 %	330 U	99 %
1,3-Dichlorobenzene		440 U	440 U	10 U	10 U	330 U	330 U
1,4-Dichlorobenzene		440 U	25 J	10 U	57 %	330 U	99 %
1,2-Dichlorobenzene		440 U	440 U	10 U	10 U	330 U	330 U
2-Methylphenol		440 U	440 U	10 U	10 U	330 U	330 U
2,2'-oxybis(1-Chloropropane)		440 U	440 U	10 U	10 U	330 U	330 U
4-Methylphenol		440 U	440 U	10 U	10 U	330 U	330 U
N-Nitroso-di-n-propylamine		440 U	440 U	10 U	75 %	330 U	126 %
Hexachloroethane		440 U	440 U	10 U	10 U	330 U	330 U
Nitrobenzene		440 U	440 U	10 U	10 U	330 U	330 U
Isophorone		440 U	440 U	10 U	10 U	330 U	330 U
2-Nitrophenol		440 U	440 U	10 U	10 U	330 U	330 U
2,4-Dimethylphenol		440 U	440 U	10 U	10 U	330 U	330 U
bis(2-Chloroethoxy)methane		440 U	440 U	10 U	10 U	330 U	330 U
2,4-Dichlorophenol		440 U	440 U	10 U	10 U	330 U	330 U
1,2,4-Trichlorobenzene		440 U	440 U	10 U	59 %	330 U	99 %
Naphthalene		440 U	70 J	10 U	10 U	330 U	330 U
4-Chloroaniline		440 U	440 U	10 U	10 U	330 U	330 U
Hexachlorobutadiene		440 U	440 U	10 U	10 U	330 U	330 U
4-Chloro-3-methylphenol		440 U	440 U	10 U	58 %	330 U	105 * %
2-Methylnaphthalene		440 U	60 J	10 U	10 U	330 U	330 U
Hexachlorocyclopentadiene		440 U	440 U	10 U	10 U	330 U	330 U
2,4,6-Trichlorophenol		440 U	440 U	10 U	10 U	330 U	330 U
2,4,5-Trichlorophenol		1100 U	1100 U	25 U	25 U	840 U	840 U

*= Outside of EPA CLP QC limits.

015

Cust ID:	SH598-0506-F C3SED		SH598-0506-F C4SED		SBLKZD		SBLKZD BS		SBLKZT		SBLKZT BS	
RFW#:	007		008		98LE0770-MB1		98LE0770-MB1		98LE0808-MB1		98LE0808-MB1	
2-Chloronaphthalene	440	U	440	U	10	U	10	U	330	U	330	U
2-Nitroaniline	1100	U	1100	U	25	U	25	U	840	U	840	U
Dimethylphthalate	440	U	440	U	10	U	10	U	330	U	330	U
Acenaphthylene	440	U	250	J	10	U	10	U	330	U	330	U
2,6-Dinitrotoluene	440	U	440	U	10	U	10	U	330	U	330	U
3-Nitroaniline	1100	U	1100	U	25	U	25	U	840	U	840	U
Acenaphthene	440	U	440	U	10	U	68	%	330	U	106	%
2,4-Dinitrophenol	1100	U	1100	U	25	U	25	U	840	U	840	U
4-Nitrophenol	1100	U	1100	U	25	U	47	%	840	U	115 *	%
Dibenzofuran	440	U	440	U	10	U	10	U	330	U	330	U
2,4-Dinitrotoluene	440	U	440	U	10	U	68	%	330	U	105 *	%
Diethylphthalate	440	U	440	U	10	U	10	U	330	U	92	J
4-Chlorophenyl-phenylether	440	U	440	U	10	U	10	U	330	U	330	U
Fluorene	440	U	24	J	10	U	10	U	330	U	330	U
4-Nitroaniline	1100	U	1100	U	25	U	25	U	840	U	840	U
4,6-Dinitro-2-methylphenol	1100	U	1100	U	25	U	25	U	840	U	840	U
N-Nitrosodiphenylamine (1)	440	U	440	U	10	U	10	U	330	U	330	U
4-Bromophenyl-phenylether	440	U	440	U	10	U	10	U	330	U	330	U
Hexachlorobenzene	440	U	440	U	10	U	10	U	330	U	330	U
Pentachlorophenol	1100	U	1100	U	25	U	65	%	840	U	102	%
Phenanthrene	440	U	420	J	10	U	10	U	330	U	330	U
Anthracene	440	U	290	J	10	U	10	U	330	U	330	U
Carbazole	440	U	440	U	10	U	10	U	330	U	330	U
Di-n-butylphthalate	440	U	440	U	0.6	J	0.6	JB	330	U	370	
Fluoranthene	62	J	1900		10	U	10	U	330	U	330	U
Pyrene	81	J	2400		10	U	80	%	330	U	119	%
Butylbenzylphthalate	440	U	440	U	10	U	10	U	330	U	95	J
3,3'-Dichlorobenzidine	440	U	440	U	10	U	10	U	330	U	330	U
Benzo(a)anthracene	50	J	1300		10	U	10	U	330	U	330	U
Chrysene	58	J	1400		10	U	10	U	330	U	330	U
bis(2-Ethylhexyl)phthalate	440	U	440	U	10	U	10	U	330	U	330	U
Di-n-octyl phthalate	440	U	440	U	10	U	10	U	330	U	330	U
Benzo(b)fluoranthene	44	J	740		10	U	10	U	330	U	330	U
Benzo(k)fluoranthene	41	J	960		10	U	10	U	330	U	330	U
Benzo(a)pyrene	60	J	1200		10	U	10	U	330	U	330	U
Indeno(1,2,3-cd)pyrene	440	U	530		10	U	10	U	330	U	330	U
Dibenz(a,h)anthracene	440	U	190	J	10	U	10	U	330	U	330	U
Benzo(g,h,i)perylene	34	J	530		10	U	10	U	330	U	330	U

(1) - Cannot be separated from Diphenylamine. *= Outside of EPA CLP QC limits.

Pesticide/PCBs by GC, CLP List

RFW Batch Number: 9805L736 Client: NYSDEC Work Order: 01667600001 Page: 1

Report Date: 06/09/98 09:00

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Sample Information	Cust ID:	SH598-0506-C HC9SW		SH598-0506-C HC10SW		SH598-0506-F C1SW		SH598-0506-F C1SED		SH598-0506-F C2SW		SH598-0506-F C2SED	
	RFW#:	001		002		003		004		005		006	
	Matrix:	WATER		WATER		WATER		SEDIMENT		WATER		SEDIMENT	
	D.F.:	1.00		1.00		1.00		1.00		1.00		1.00	
	Units:	UG/L		UG/L		UG/L		UG/KG		UG/L		UG/KG	
Surrogate:	Decachlorobiphenyl	73	%	107	%	89	%	90	%	85	%	108	%
	Tetrachloro-m-xylene	78	%	72	%	68	%	68	%	58	%	95	%
			fl		fl		fl		fl		fl		fl
Alpha-BHC		0.051	U	0.052	U	0.052	U	2.1	U	0.052	U	2.4	U
Beta-BHC		0.051	U	0.052	U	0.052	U	2.1	U	0.052	U	2.4	U
Delta-BHC		0.051	U	0.052	U	0.052	U	2.1	U	0.052	U	2.4	U
gamma-BHC (Lindane)		0.051	U	0.052	U	0.052	U	2.1	U	0.052	U	2.4	U
Heptachlor		0.051	U	0.052	U	0.052	U	2.1	U	0.052	U	2.4	U
Aldrin		0.051	U	0.052	U	0.052	U	2.1	U	0.052	U	2.4	U
Heptachlor epoxide		0.051	U	0.052	U	0.052	U	2.1	U	0.052	U	2.4	U
Endosulfan I		0.051	U	0.052	U	0.052	U	2.1	U	0.052	U	2.4	U
Dieldrin		0.10	U	0.10	U	0.10	U	4.2	U	0.10	U	4.7	U
4,4'-DDE		0.10	U	0.10	U	0.10	U	4.2	U	0.10	U	4.7	U
Endrin		0.10	U	0.10	U	0.10	U	4.2	U	0.10	U	4.7	U
Endosulfan II		0.10	U	0.10	U	0.10	U	4.2	U	0.10	U	4.7	U
4,4'-DDD		0.10	U	0.10	U	0.10	U	4.2	U	0.10	U	4.7	U
Endosulfan sulfate		0.10	U	0.10	U	0.10	U	4.2	U	0.10	U	4.7	U
4,4'-DDT		0.10	U	0.10	U	0.10	U	4.2	U	0.10	U	4.7	U
Methoxychlor		0.51	U	0.52	U	0.52	U	21	U	0.52	U	24	U
Endrin ketone		0.10	U	0.10	U	0.10	U	4.2	U	0.10	U	4.7	U
Endrin aldehyde		0.10	U	0.10	U	0.10	U	4.2	U	0.10	U	4.7	U
alpha-Chlordane		0.051	U	0.052	U	0.052	U	2.1	U	0.052	U	2.4	U
gamma-Chlordane		0.051	U	0.052	U	0.052	U	2.1	U	0.052	U	2.4	U
Toxaphene		5.1	U	5.2	U	5.2	U	210	U	5.2	U	240	U
Aroclor-1016		1.0	U	1.0	U	1.0	U	42	U	1.0	U	47	U
Aroclor-1221		2.0	U	2.1	U	2.1	U	85	U	2.1	U	95	U
Aroclor-1232		1.0	U	1.0	U	1.0	U	42	U	1.0	U	47	U
Aroclor-1242		1.0	U	1.0	U	1.0	U	42	U	1.0	U	47	U
Aroclor-1248		1.0	U	1.0	U	1.0	U	42	U	1.0	U	47	U
Aroclor-1254		1.0	U	1.0	U	1.0	U	42	U	1.0	U	47	U
Aroclor-1260		1.0	U	1.0	U	1.0	U	42	U	1.0	U	47	U

U= Analyzed, not detected. J= Present below detection limit. B= Present in blank. NR= Not reported. NS= Not spiked.
%= Percent recovery. D= Diluted out. I= Interference. NA= Not Applicable. *= Outside of EPA CLP QC

06-10-98

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Sample Information	Cust ID:	SH598-0506-F C3SED	SH598-0506-F C4SED	PBLKBM	PBLKBM BS	PBLKCQ	PBLKCQ BS
	RFW#:	007	008	98LE0774-MB1	98LE0774-MB1	98LE0777-MB1	98LE0777-MB1
	Matrix:	SEDIMENT	SEDIMENT	WATER	WATER	SOIL	SOIL
	D.F.:	5.00	2.00	1.00	1.00	1.00	1.00
	Units:	UG/KG	UG/KG	UG/L	UG/L	UG/KG	UG/KG
Surrogate: Decachlorobiphenyl		D %	78 %	87 %	99 %	125 * %	109 %
Tetrachloro-m-xylene		D %	78 %	110 %	120 %	100 %	85 %
Alpha-BHC		11 U	4.4 U	0.050 U	0.050 U	1.7 U	1.7 U
Beta-BHC		11 U	4.4 U	0.050 U	0.050 U	1.7 U	1.7 U
Delta-BHC		11 U	4.4 U	0.050 U	0.050 U	1.7 U	1.7 U
gamma-BHC (Lindane)		11 U	4.4 U	0.050 U	105 %	1.7 U	85 %
Heptachlor		11 U	4.4 U	0.050 U	125 %	1.7 U	90 %
Aldrin		11 U	4.4 U	0.050 U	105 %	1.7 U	70 %
Heptachlor epoxide		11 U	4.4 U	0.050 U	0.050 U	1.7 U	1.7 U
Endosulfan I		11 U	4.4 U	0.050 U	0.050 U	1.7 U	1.7 U
Dieldrin		22 U	8.9 U	0.10 U	110 %	3.3 U	108 %
4,4'-DDE		22 U	8.9 U	0.10 U	0.10 U	3.3 U	3.3 U
Endrin		22 U	8.9 U	0.10 U	92 %	3.3 U	128 %
Endosulfan II		22 U	8.9 U	0.10 U	0.10 U	3.3 U	3.3 U
4,4'-DDD		22 U	8.9 U	0.10 U	0.10 U	3.3 U	3.3 U
Endosulfan sulfate		22 U	8.9 U	0.10 U	0.10 U	3.3 U	3.3 U
4,4'-DDT		22 U	8.9 U	0.10 U	114 %	3.3 U	176 * %
Methoxychlor		110 U	44 U	0.50 U	0.50 U	17 U	17 U
Endrin ketone		22 U	8.9 U	0.10 U	0.10 U	3.3 U	3.3 U
Endrin aldehyde		22 U	8.9 U	0.10 U	0.10 U	3.3 U	3.3 U
alpha-Chlordane		11 U	4.4 U	0.050 U	0.050 U	1.7 U	1.7 U
gamma-Chlordane		11 U	4.4 U	0.050 U	0.050 U	1.7 U	1.7 U
Toxaphene		1100 U	440 U	5.0 U	5.0 U	170 U	170 U
Aroclor-1016		220 U	89 U	1.0 U	1.0 U	33 U	33 U
Aroclor-1221		440 U	180 U	2.0 U	2.0 U	67 U	67 U
Aroclor-1232		220 U	89 U	1.0 U	1.0 U	33 U	33 U
Aroclor-1242		250	230	1.0 U	1.0 U	33 U	33 U
Aroclor-1248		220 U	89 U	1.0 U	1.0 U	33 U	33 U
Aroclor-1254		210 J	89 U	1.0 U	1.0 U	33 U	33 U
Aroclor-1260		220 U	89 U	1.0 U	1.0 U	33 U	33 U

U= Analyzed, not detected. J= Present below detection limit. B= Present in blank. NR= Not reported. NS= Not spiked.
%= Percent recovery. D= Diluted out. I= Interference. NA= Not Applicable. *= Outside of EPA CLP QC

gw 06-10-98

015

Cust ID: PBLKCQ BSD

Sample Information
RFW#: 98LE0777-MB1
Matrix: SOIL
D.F.: 1.00
Units: UG/KG

Surrogate:	Decachlorobiphenyl	122	%
	Tetrachloro-m-xylene	78	%
Alpha-BHC		1.7	U
Beta-BHC		1.7	U
Delta-BHC		1.7	U
gamma-BHC (Lindane)		80	%
Heptachlor		90	%
Aldrin		65	%
Heptachlor epoxide		1.7	U
Endosulfan I		1.7	U
Dieldrin		118	%
4,4'-DDE		3.3	U
Endrin		140 *	%
Endosulfan II		3.3	U
4,4'-DDD		3.3	U
Endosulfan sulfate		3.3	U
4,4'-DDT		118	%
Methoxychlor		17	U
Endrin ketone		3.3	U
Endrin aldehyde		3.3	U
alpha-Chlordane		1.7	U
gamma-Chlordane		1.7	U
Toxaphene		170	U
Aroclor-1016		33	U
Aroclor-1221		67	U
Aroclor-1232		33	U
Aroclor-1242		33	U
Aroclor-1248		33	U
Aroclor-1254		33	U
Aroclor-1260		33	U

JW 06-10-98

U= Analyzed, not detected. J= Present below detection limit. B= Present in blank. NR= Not reported. NS= Not spiked.
%= Percent recovery. D= Diluted out. I= Interference. NA= Not Applicable. *= Outside of EPA CLP QC

RECRA
LabNet
a division of Recra Environmental, Inc.
Virtual Laboratories Everywhere

Box 135

15 June 1998

Mr. Jack Ryan
NYSDEC
Room 392
50 Wolf Road
Albany, NY 12233-3502

Ref: Contract C003783
Sample Data Package: RFW Batch 9805L617
NYSDEC ID: SH598-0430-CHC6SW to CHC5SED

Dear Mr. Ryan:

Enclosed please find the data report for 10 sediment and 10 water samples received 1 May 1998 for analysis for VOAs, BNAs, pesticides/PCBs and metals. We had requested an extension for these due to instrument problems and LIMS being up and down several times over the last couple of weeks.

Please do not hesitate to contact me at (610) 280-3000 with any questions you may have.

Very truly yours,

Recra LabNet Philadelphia

Judith L. Stone
Senior Project Manager

Enclosure

cc: Russ Mulvey (NYSDEC)

Custody Transfer Record/Lab Work Request

Page 1 of 3

RECRA LabNet Use Only: 9805L ~~015~~ 017 5/1/98

FIELD PERSONNEL: COMPLETE ONLY SHADED AREAS

AMD 5/1/98

RECRA LabNet

Client: NYSDEC ~~Russ Mulvey~~

Est. Final Proj. Sampling Date

Project #: ~~[illegible]~~ 01667-600-001-9999-00

Project Contact/Phone #: (518) 897-1242

RECRA Project Manager: J.S.

QC: SW846 Del: CLP TAT: 30 DAY

Date Rec'd: 5/1/98 Date Due: 5/31/98

Account #: NYSDECSTD

Refrigerator #		1	5	5			5	
#/Type Container	Liquid	2GL	2AG	2AG			1PL	
	Solid	2GL	AG	—			1AG	
Volume	Liquid	40	950	950			1000	
	Solid	125	250	—			125	
Preservatives		—	—	—			HNO3	
ANALYSES REQUESTED		ORGANIC: VOA	BNA	Pest/PCB	Herb		INORG: Metal	CN

MATRIX CODES: S - Soil; SE - Sediment; SO - Solid; SL - Sludge; W - Water; O - Oil; A - Air; DS - Drum Solids; DL - Drum Liquids; L - EP/TCLP Leachate; WI - Wipe; X - Other; F - Fish

RECRA LabNet Use Only: 0624HH, 0625HH, 0608HH, UNAPPIX

Lab ID	Client ID/Description	MS	MSD	Matrix	Date Collected 1998	Time Collected	VOA	BNA	Pest/PCB	Herb	Metal
001	SH598-0430-CHC6 SW			W	4/30	1000	✓	✓	✓		✓
2	SH598-0430-CHC6 SED			SE	4/30	1000	✓	✓	✓		✓
3	SH598-0430-CHC7 SW			W	4/30	1030	✓	✓	✓		✓
4	SH598-0430-CHC7SED			SE	4/30	1030	✓	✓	✓		✓
5	SH598-0430-CHC8SW			W	4/30	1100	✓	✓	—		—
6	SH598-0430-CHC8SED			SE	4/30	1100	✓	✓	✓		—
7	SH598-0430-CHC9SED			SE	4/30	1130	✓	✓	✓		✓
8	SH598-0430-CHC9SW			W	4/30	1130	✓	✓	✓	*	—
9	SH598-0430-TB1			TRIP BLANK			2EA.				
11	SH598-0430-CHC10 SW			W	4/30	1215	✓	✓	✓	*	—

Special Instructions:
UPS = N221 9187896 Temp 9.1°C
7887 10.4
3961 11.2

DATE/REVISIONS:
#015 1. 1EA 250ml AG for SVOCs, P/PCB Rec'd broken
#017 2. 1EA 125ml VOA Rec'd w/Broken Lid
3. Replaced.
#012 4. 1EA 950ml for P/PCB Rec'd Empty (one bottle)
* #08,010 5. DID NOT Rec'd Any 950ml AG for TESTS
6.

RECRA LabNet Use Only

Samples were:
1) Shipped ✓ or Hand Delivered
Airbill # SEE ACROSS
2) Ambient or Chilled
3) Received in Good Condition Y or (N)
4) Labels Indicate Properly Preserved (Y) or N
5) Received Within Holding Times (Y) or N

COC Tape was:
1) Present on Outer Package (Y) or N
2) Unbroken on Outer Package (Y) or N
3) Present on Sample Y or (N)
4) Unbroken on Sample Y or (N)
COC Record Present Upon Sample Rec't (Y) or N
Cooler Temp SEE ACROSS C

Relinquished by	Received by	Date	Time	Relinquished by	Received by	Date	Time
[signature]		4/30/98	3:00				
UPS	[signature]	5-1-98	[illegible]				

Discrepancies Between Samples Labels and COC Record? Y or (N)
NOTES:

RECRA Lab Use Only
9805L617

Custody Transfer Record/Lab Work Request

FIELD PERSONNEL: COMPLETE ONLY SHADED AREAS

RECRA LabNet

Client: NYSDEC Russ Mulvey
Est. Final Proj. Sampling Date
Project #: 558002
Project Contact/Phone #: (518) 897-1249
RECRA Project Manager
QC   Del   TAT
Date Rec'd   Date Due
Account #

	VOA	BNA	Pest/PCB	Herb				Metal	CN
Refrigerator #	1	5	5					5	
#/Type Container Liquid	2GL	2AG	2AG					1P	
#/Type Container Solid	2GL	1AG						1AG	
Volume Liquid	40	950	950					1L	
Volume Solid	125	250						125	
Preservatives								HNO3	
RECRA LabNet Use Only	062444	0625H	0606H					MAPPIX	

MATRIX CODES: S - Soil; SE - Sediment; SO - Solid; SL - Sludge; W - Water; O - Oil; A - Air; DS - Drum Solids; DL - Drum Liquids; L - EP/TCLP Leachate; WI - Wipe; X - Other; F - Fish

Lab ID	Client ID/Description	MS	MSD	Matrix	Date Collected	Time Collected	VOA	BNA	Pest/PCB	Herb	Metal	CN
011	SH598 0430 CHC10SED		✓	SE	4/30	1215	✓	✓	✓		✓	
12	SH598 0430 CHC 1SW			W	4/30	115	✓	✓	✓		✓	
13	SH598 0430 CHC 1SED			SE	4/30	115	✓	✓	✓		✓	
14	SH598 0430 CHC 2SW			W	4/30	1:30	✓	✓	✓		✓	
15	SH598 0430 CHC 2SED			SE	4/30	1:30	✓	✓	✓		✓	
16	SH598 0430 CHC 3SW			W	4/30	1:45	✓	✓	✓		✓	
17	SH598 0430 CHC 3SED			SE	4/30	1:45	✓	✓	✓		✓	
18	SH598 0430 CHC 4SW			W	4/30	2:00	✓	✓	✓		✓	
19	SH598 0430 CHC 4SED			SE	4/30	2:00	✓	✓	✓		✓	
20	SH598 0430 CHC 5SW			W	4/30	2:30	✓	✓	✓		✓	

Special Instructions:

DATE/REVISIONS:
1.
2.
3.
4.
5.
6.

Relinquished by	Received by	Date	Time
Russ Mulvey		4/30/98	3:00
W/S	V. Hurd	5-1-98	1030

Relinquished by	Received by	Date	Time

Discrepancies Between Samples Labels and COC Record? Y or N
NOTES:

RECRA LabNet Use Only

Samples were:
1) Shipped or Hand Delivered
Airbill #
2) Ambient or Chilled
3) Received in Good Condition Y or N
4) Labels Indicate Properly Preserved Y or N
5) Received Within Holding Times Y or N

COC Tape was:
1) Present on Outer Package Y or N
2) Unbroken on Outer Package Y or N
3) Present on Sample Y or N
4) Unbroken on Sample Y or N
COC Record Present Upon Sample Rec't Y or N
Cooler Temp C

RECRA LabNet Use Only
98051617

Custody Transfer Record/Lab Work Request

RECRA LabNet

FIELD PERSONNEL: COMPLETE ONLY SHADED AREAS

Client: NYSDEC Russ Mulvey

Est. Final Proj. Sampling Date:

Project #: 558 001

Project Contact/Phone #: (518) 457-1242

RECRA Project Manager:

QC: Del:

Date Rec'd: Date Due:

Account #:

		Refrigerator #	1	5	4					5	
#/Type Container	Liquid										
	Solid		2GL	1AG	1					1AG	
Volume	Liquid										
	Solid		125	250	+					125	
Preservatives											
ANALYSES REQUESTED			ORGANIC							INORG	
			VOA	BNA	Pest/PCB	Herb				Metal	CN

MATRIX CODES:
S - Soil
SE - Sediment
SO - Solid
SL - Sludge
W - Water
O - Oil
A - Air
DS - Drum Solids
DL - Drum Liquids
L - EP/TCLP Leachate
WI - Wipe
X - Other
F - Fish

Lab ID	Client ID/Description	Matrix QC Chosen (✓) MS	MSD	Matrix	Date Collected	Time Collected	VOA 062464	BNA 062574	Pest/PCB 060874	Herb				Metal MAPPIX	CN
031	SH598-0430-CHC5SED			SE	4/30	2:30	✓	✓	✓					✓	

Special Instructions:

DATE/REVISIONS:
1.
2.
3.
4.
5.
6.

Relinquished by	Received by	Date	Time
Russ Mulvey		4/30/98	8:00
UPS	V. [illegible]	5-1-98	1000

Relinquished by	Received by	Date	Time

Discrepancies Between Samples Labels and COC Record? Y or N
NOTES:

RECRA LabNet Use Only

Samples were:
1) Shipped or Hand Delivered
Airbill #
2) Ambient or Chilled
3) Received in Good Condition Y or N
4) Labels Indicate Properly Preserved Y or N
5) Received Within Holding Times Y or N

COC Tape was:
1) Present on Outer Package Y or N
2) Unbroken on Outer Package Y or N
3) Present on Sample Y or N
4) Unbroken on Sample Y or N
COC Record Present Upon Sample Rec't Y or N
Cooler Temp C

74-15-1 (9/97)—q

SEND THIS SHEET WITH SAMPLE TO CONTACT LAB

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

CONTRACT LAB SAMPLE INFORMATION SHEET

Print Legibly

Part 3

CAUTION (check if applicable)

☐ Lab personnel are expected to use caution when handling DEC samples, however, please use special caution when handling this sample since it is believed to contain significant concentrations of hazardous and/or toxic materials(s)

CHECK THE BOX PRECEDING THE REQUESTED ANALYSIS

PRIORITY POLLUTANTS (Water Part 136)—SPDES

☐ 2. 13PP Metals	☐ 3. Volatiles—(USEPA 624 GC/MS)	☐ 6. Pesticides/PCBs (USEPA 608-GC)
☐ 4. Acids Base/Neutrals (USEPA 624 GC/MS)	☐ 5. Cyanide	☐ 9. BOD
☐ 7. Halogenated Volatiles (USEPA 601 GC)	☐ 8. Aromatic Volatiles USEPA 602 GC)	☐ 12. TSS
☐ 10. pH	☐ 11. COD	☐ 15. Ammonia
☐ 13. Settleable Solids	☐ 14. TKN	☐ 18. Reactive Phosphorus
☐ 16. Nitrate/Nitrite	☐ 17. Total Phosphorus	☐ 21. Total Phenols
☐ 19. Oil/Grease)	☐ 20. TOC	☐ 60. PCBs congener method (ASP 91-11)
☐ 22. Other ______	☐ 59. PCBs at 0.065 ug/l	☐ 64. Total Solids
	☐ 62. CBOD	☐ 65. Volatiles (USEPA 524.2 GC/MS)

CONTRACT LABORATORY PROTOCOLS

☐ 23 (ALL)—Water—Includes 24-28	☐ 29. (ALL)—Soil/Sediments—Includes 30-34
☐ 24 Base/Neutral/Acid (B/N/A)—Water—GC/MS (ASP #95-2)	☐ 30. (B/N/A)—Soil/Sediments—GC/MS (ASP #95-2)
☐ 25 Volatile Organic Analysis VOA—Water—GC/MS (ASP #95-1)	☐ 31. VOA—Soil/Sediments—GC/MS (ASP #95-1)
☐ 26 Pesticides/PCBs—Water—GC/MS (ASP #95-3)	☐ 32. Pesticides/PCBs—Soil/Sediments—GC (ASP #95-3)
☐ 27 Metals—23 in Water	☐ 33. Metals—23 in Soil/Sediments)
☐ 28 Cyanide—Water	☐ 34. Cyanide—Soil/Sediments)
☐ 66 Dioxin-Water (ASP #91-7)	☐ 67. Dioxin-Soil/Sediments (ASP #91-7)
☐ 35 Other ______	

HAZARDOUS WASTES/RCRA ANALYSIS SW-846

☐ 36. EP Toxicity	☐ 37. EP Toxicity (Metals Only)	☐ 38. Ignitability
☐ 39. Corrosivity	☒ 40. VOA—(USEPA 8260 GC/MS)	☒ 41. BNA—(USEPA 8270 GC/MS)
☒ 42. Pesticides/PCBs (USEPA 8081)	☐ 43. TCLP	☐ 44. TCLP (Metals Only)
☐ 45. Reactivity	☐ 46. Dioxin (USEPA 8280)	☐ 47. Appendix IX
☐ 48. Other ______	☐ 63 Percent Solids	☒ 68. Metals—17 Hazardous

MUNICIPAL SLUDGE

☐ 56. RS-01 ☐ 57. RS-02 ☐ 58. Other ______

COLLECTED BY:	TELEPHONE NUMBER:	REGION NO.:
Russ Mulvey	(518) 397-1242	5

CONTRACT LABORATORY:	COUNTY:	SAMPLING DATE:	MILITARY TIME:
RECRA	WASH,	4/30/98	1000

SAMPLE MATRIX:

☐ Air ☐ Soil/Sediment ☐ Groundwater ☒ Surface Water ☐ Wastewater ☐ Other ______

CASE NO.	SDG NO.	SAMPLE NO.	CHECK FOR MS/MD	TYPE OF SAMPLE
S14E1719	J4130C	H1C6S4	☐ This sample	☒ Grab ☐ Composite ☐ Term ______ hours

☐ Check if there will be more samples with this SDG sent in this calendar week.

SAMPLING POINT: [illegible]

Report via Category B, unless checked ☐

Check if field duplicate ☐ Outfall Number

Check if sampling is part of inspection ☐

FLOW: ______ GPD ______ MGD

SPDES NUMBER/REGISTRY NUMBER

74-15-1 (9/97)—q

SEND THIS SHEET WITH SAMPLE TO CONTACT LAB

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

CONTRACT LAB SAMPLE INFORMATION SHEET

Print Legibly

Part 3

CAUTION (check if applicable)

☐ Lab personnel are expected to use caution when handling DEC samples, however, please use special caution when handling this sample since it is believed to contain significant concentrations of hazardous and/or toxic materials(s)

CHECK THE BOX PRECEDING THE REQUESTED ANALYSIS

PRIORITY POLLUTANTS (Water Part 136)—SPDES

☐ 2. 13PP Metals
☐ 3. Volatiles—(USEPA 624 GC/MS)
☐ 6. Pesticides/PCBs (USEPA 608-GC)
☐ 4. Acids Base/Neutrals (USEPA 624 GC/MS)
☐ 5. Cyanide
☐ 9. BOD
☐ 7. Halogenated Volatiles (USEPA 601 GC)
☐ 8. Aromatic Volatiles USEPA 602 GC)
☐ 12. TSS
☐ 10. pH
☐ 11. COD
☐ 15. Ammonia
☐ 13. Settleable Solids
☐ 14. TKN
☐ 18. Reactive Phosphorus
☐ 16. Nitrate/Nitrite
☐ 17. Total Phosphorus
☐ 21. Total Phenols
☐ 19. Oil/Grease)
☐ 20. TOC
☐ 60. PCBs congener method (ASP 91-11)
☐ 22. Other ____
☐ 59. PCBs at 0.065 ug/l
☐ 64. Total Solids
☐ 62. CBOD
☐ 65. Volatiles (USEPA 524.2 GC/MS)

CONTRACT LABORATORY PROTOCOLS

☐ 23 (ALL)—Water—Includes 24-28
☐ 29. (ALL)—Soil/Sediments—Includes 30-34
☐ 24 Base/Neutral/Acid (B/N/A)—Water—GC/MS (ASP #95-2)
☐ 30. (B/N/A)—Soil/Sediments—GC/MS (ASP #95-2)
☐ 25 Volatile Organic Analysis VOA—Water—GC/MS (ASP #95-1)
☐ 31. VOA—Soil/Sediments—GC/MS (ASP #95-1)
☐ 26 Pesticides/PCBs—Water—GC/MS (ASP #95-3)
☐ 32. Pesticides/PCBs—Soil/Sediments—GC (ASP #95-3)
☐ 27 Metals—23 in Water
☐ 33. Metals—23 in Soil/Sediments)
☐ 28 Cyanide—Water
☐ 34. Cyanide—Soil/Sediments)
☐ 66 Dioxin-Water (ASP #91-7)
☐ 67. Dioxin-Soil/Sediments (ASP #91-7)
☐ 35 Other ____

HAZARDOUS WASTES/RCRA ANALYSIS SW-846

☐ 36. EP Toxicity
☐ 37. EP Toxicity (Metals Only)
☐ 38. Ignitability
☐ 39. Corrosivity
☒ 40. VOA—(USEPA 8260 GC/MS)
☒ 41. BNA—(USEPA 8270 GC/MS)
☒ 42. Pesticides/PCBs (USEPA 8081)
☐ 43. TCLP
☐ 44. TCLP (Metals Only)
☐ 45. Reactivity
☐ 46. Dioxin (USEPA 8280)
☐ 47. Appendix IX
☐ 48. Other ____
☐ 63 Percent Solids
☒ 68. Metals—17 Hazardous

MUNICIPAL SLUDGE

☐ 56. RS-01 ☐ 57. RS-02 ☐ 58. Other ____

COLLECTED BY:	TELEPHONE NUMBER:	REGION NO.:
Russ Mulvey	(518) 897-1242	5

CONTRACT LABORATORY:	COUNTY:	SAMPLING DATE:	MILITARY TIME:
RECRA	Washington	4/30/98	1000

SAMPLE MATRIX:

☐ Air ☒ Soil/Sediment ☐ Groundwater ☐ Surface Water ☐ Wastewater ☐ Other ____

CASE NO.	SDG NO.	SAMPLE NO.	CHECK FOR MS/MD	TYPE OF SAMPLE
1 4 T 7 9	2 4 3 0 1	H C 6 3 E 1	☐ This sample	☒ Grab ☐ Composite ☐ Term ____ hours

☐ Check if there will be more samples with this SDG sent in this calendar week.

SAMPLING POINT:

Report via Category B, unless checked ☐

Check if field duplicate ☐ Outfall Number

Check if sampling is part of inspection ☐

FLOW: ____ GPD ____ MGD

SPDES NUMBER/REGISTRY NUMBER

74-15-1 (9/97)—q

SEND THIS SHEET WITH SAMPLE TO CONTACT LAB

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

CONTRACT LAB SAMPLE INFORMATION SHEET

Print Legibly

Part 3

CAUTION (check if applicable)

☐ Lab personnel are expected to use caution when handling DEC samples, however, please use special caution when handling this sample since it is believed to contain significant concentrations of hazardous and/or toxic materials(s)

CHECK THE BOX PRECEDING THE REQUESTED ANALYSIS

PRIORITY POLLUTANTS (Water Part 136)—SPDES

☐ 2. 13PP Metals
☐ 3. Volatiles—(USEPA 624 GC/MS)
☐ 6. Pesticides/PCBs (USEPA 608-GC)
☐ 4. Acids Base/Neutrals (USEPA 624 GC/MS)
☐ 5. Cyanide
☐ 9. BOD
☐ 7. Halogenated Volatiles (USEPA 601 GC)
☐ 8. Aromatic Volatiles USEPA 602 GC)
☐ 12. TSS
☐ 10. pH
☐ 11. COD
☐ 15. Ammonia
☐ 13. Settleable Solids
☐ 14. TKN
☐ 18. Reactive Phosphorus
☐ 16. Nitrate/Nitrite
☐ 17. Total Phosphorus
☐ 21. Total Phenols
☐ 19. Oil/Grease)
☐ 20. TOC
☐ 60. PCBs congener method (ASP 91-11)
☐ 22. Other _____
☐ 59. PCBs at 0.065 ug/l
☐ 64. Total Solids
☐ 62. CBOD
☐ 65. Volatiles (USEPA 524.2 GC/MS)

CONTRACT LABORATORY PROTOCOLS

☐ 23 (ALL)—Water—Includes 24-28
☐ 29. (ALL)—Soil/Sediments—Includes 30-34
☐ 24 Base/Neutral/Acid (B/N/A)—Water—GC/MS (ASP #95-2)
☐ 30. (B/N/A)—Soil/Sediments—GC/MS (ASP #95-2)
☐ 25 Volatile Organic Analysis VOA—Water—GC/MS (ASP #95-1)
☐ 31. VOA—Soil/Sediments—GC/MS (ASP #95-1)
☐ 26 Pesticides/PCBs—Water—GC/MS (ASP #95-3)
☐ 32. Pesticides/PCBs—Soil/Sediments—GC (ASP #95-3)
☐ 27 Metals—23 in Water
☐ 33. Metals—23 in Soil/Sediments)
☐ 28 Cyanide—Water
☐ 34. Cyanide—Soil/Sediments)
☐ 66 Dioxin-Water (ASP #91-7)
☐ 67. Dioxin-Soil/Sediments (ASP #91-7)
☐ 35 Other _____

HAZARDOUS WASTES/RCRA ANALYSIS SW-846

☐ 36. EP Toxicity
☐ 37. EP Toxicity (Metals Only)
☐ 38. Ignitability
☐ 39. Corrosivity
☒ 40. VOA—(USEPA 8260 GC/MS)
☒ 41. BNA—(USEPA 8270 GC/MS)
☒ 42. Pesticides/PCBs (USEPA 8081)
☐ 43. TCLP
☐ 44. TCLP (Metals Only)
☐ 45. Reactivity
☐ 46. Dioxin (USEPA 8280)
☐ 47. Appendix IX
☐ 48. Other _____
☐ 63 Percent Solids
☒ 68. Metals—17 Hazardous

MUNICIPAL SLUDGE

☐ 56. RS-01 ☐ 57. RS-02 ☐ 58. Other _____

COLLECTED BY:	TELEPHONE NUMBER:	REGION NO.:
Russ Mulvey	518 897- 1242	5

CONTRACT LABORATORY:	COUNTY:	SAMPLING DATE:	MILITARY TIME:
RECRA	WASH	4/30/98	1030

SAMPLE MATRIX:

☐ Air ☐ Soil/Sediment ☐ Groundwater ☒ Surface Water ☐ Wastewater ☐ Other _____

CASE NO.	SDG NO.	SAMPLE NO.	CHECK FOR MS/MD	TYPE OF SAMPLE
31519	14301C	HC1014	☐ This sample	☒ Grab ☐ Composite ☐ Term _____ hours

☐ Check if there will be more samples with this SDG sent in this calendar week.

SAMPLING POINT:

Report via Category B, unless checked ☐

Check if field duplicate ☐ Outfall Number

Check if sampling is part of inspection ☐

FLOW: _____ GPD _____ MGD

SPDES NUMBER/REGISTRY NUMBER

		.			.	

74-15-1 (9/97)—q

SEND THIS SHEET WITH SAMPLE TO CONTACT LAB

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

CONTRACT LAB SAMPLE INFORMATION SHEET

Print Legibly

Part 3

CAUTION (check if applicable)

☐ Lab personnel are expected to use caution when handling DEC samples, however, please use special caution when handling this sample since it is believed to contain significant concentrations of hazardous and/or toxic materials(s)

CHECK THE BOX PRECEDING THE REQUESTED ANALYSIS

PRIORITY POLLUTANTS (Water Part 136)—SPDES

- ☐ 2. 13PP Metals
- ☐ 3. Volatiles—(USEPA 624 GC/MS)
- ☐ 6. Pesticides/PCBs (USEPA 608-GC)
- ☐ 4. Acids Base/Neutrals (USEPA 624 GC/MS)
- ☐ 5. Cyanide
- ☐ 9. BOD
- ☐ 7. Halogenated Volatiles (USEPA 601 GC)
- ☐ 8. Aromatic Volatiles USEPA 602 GC)
- ☐ 12. TSS
- ☐ 10. pH
- ☐ 11. COD
- ☐ 15. Ammonia
- ☐ 13. Settleable Solids
- ☐ 14. TKN
- ☐ 18. Reactive Phosphorus
- ☐ 16. Nitrate/Nitrite
- ☐ 17. Total Phosphorus
- ☐ 21. Total Phenols
- ☐ 19. Oil/Grease)
- ☐ 20. TOC
- ☐ 60. PCBs congener method (ASP 91-11)
- ☐ 22. Other ______
- ☐ 59. PCBs at 0.065 ug/l
- ☐ 64. Total Solids
- ☐ 62. CBOD
- ☐ 65. Volatiles (USEPA 524.2 GC/MS)

CONTRACT LABORATORY PROTOCOLS

- ☐ 23 (ALL)—Water—Includes 24-28
- ☐ 29. (ALL)—Soil/Sediments—Includes 30-34
- ☐ 24 Base/Neutral/Acid (B/N/A)—Water—GC/MS (ASP #95-2)
- ☐ 30. (B/N/A)—Soil/Sediments—GC/MS (ASP #95-2)
- ☐ 25 Volatile Organic Analysis VOA—Water—GC/MS (ASP #95-1)
- ☐ 31. VOA—Soil/Sediments—GC/MS (ASP #95-1)
- ☐ 26 Pesticides/PCBs—Water—GC/MS (ASP #95-3)
- ☐ 32. Pesticides/PCBs—Soil/Sediments—GC (ASP #95-3)
- ☐ 27 Metals—23 in Water
- ☐ 33. Metals—23 in Soil/Sediments)
- ☐ 28 Cyanide—Water
- ☐ 34. Cyanide—Soil/Sediments)
- ☐ 66 Dioxin-Water (ASP #91-7)
- ☐ 67. Dioxin-Soil/Sediments (ASP #91-7)
- ☐ 35 Other ______

HAZARDOUS WASTES/RCRA ANALYSIS SW-846

- ☐ 36. EP Toxicity
- ☐ 37. EP Toxicity (Metals Only)
- ☐ 38. Ignitability
- ☐ 39. Corrosivity
- [x] 40. VOA—(USEPA 8260 GC/MS)
- [x] 41. BNA—(USEPA 8270 GC/MS)
- [x] 42. Pesticides/PCBs (USEPA 8081)
- ☐ 43. TCLP
- ☐ 44. TCLP (Metals Only)
- ☐ 45. Reactivity
- ☐ 46. Dioxin (USEPA 8280)
- ☐ 47. Appendix IX
- ☐ 48. Other ______
- ☐ 63 Percent Solids
- [x] 68. Metals—17 Hazardous

MUNICIPAL SLUDGE

☐ 56. RS-01 ☐ 57. RS-02 ☐ 58. Other ______

COLLECTED BY:	TELEPHONE NUMBER:	REGION NO.:
Russ Mulvey	(518) 597-1242	5

CONTRACT LABORATORY:	COUNTY:	SAMPLING DATE:	MILITARY TIME:
RECRA	WASH	4/30/98	1030

SAMPLE MATRIX:

☐ Air [x] Soil/Sediment ☐ Groundwater ☐ Surface Water ☐ Wastewater ☐ Other ______

CASE NO.	SDG NO.	SAMPLE NO.	CHECK FOR MS/MD	TYPE OF SAMPLE
[illegible]5T1B	[illegible]4130[illegible]	[illegible]47[illegible]	☐ This sample	[x] Grab ☐ Composite ☐ Term ____ hours

☐ Check if there will be more samples with this SDG sent in this calendar week.

SAMPLING POINT:

Report via Category B, unless checked ☐

Check if field duplicate ☐ Outfall Number

Check if sampling is part of inspection ☐

FLOW: ______ GPD ______ MGD

SPDES NUMBER/REGISTRY NUMBER

74-15-1 (9/97)—q

SEND THIS SHEET WITH SAMPLE TO CONTACT LAB

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

CONTRACT LAB SAMPLE INFORMATION SHEET

Print Legibly

Part 3

CAUTION (check if applicable)

☐ Lab personnel are expected to use caution when handling DEC samples, however, please use special caution when handling this sample since it is believed to contain significant concentrations of hazardous and/or toxic materials(s)

CHECK THE BOX PRECEDING THE REQUESTED ANALYSIS

PRIORITY POLLUTANTS (Water Part 136)—SPDES

☐ 2. 13PP Metals
☐ 3. Volatiles—(USEPA 624 GC/MS)
☐ 6. Pesticides/PCBs (USEPA 608-GC)
☐ 4. Acids Base/Neutrals (USEPA 624 GC/MS)
☐ 5. Cyanide
☐ 9. BOD
☐ 7. Halogenated Volatiles (USEPA 601 GC)
☐ 8. Aromatic Volatiles USEPA 602 GC)
☐ 12. TSS
☐ 10. pH
☐ 11. COD
☐ 15. Ammonia
☐ 13. Settleable Solids
☐ 14. TKN
☐ 18. Reactive Phosphorus
☐ 16. Nitrate/Nitrite
☐ 17. Total Phosphorus
☐ 21. Total Phenols
☐ 19. Oil/Grease)
☐ 20. TOC
☐ 60. PCBs congener method (ASP 91-11)
☐ 22. Other ______
☐ 59. PCBs at 0.065 ug/l
☐ 64. Total Solids
☐ 62. CBOD
☐ 65. Volatiles (USEPA 524.2 GC/MS)

CONTRACT LABORATORY PROTOCOLS

☐ 23 (ALL)—Water—Includes 24-28
☐ 29. (ALL)—Soil/Sediments—Includes 30-34
☐ 24 Base/Neutral/Acid (B/N/A)—Water—GC/MS (ASP #95-2)
☐ 30. (B/N/A)—Soil/Sediments—GC/MS (ASP #95-2)
☐ 25 Volatile Organic Analysis VOA—Water—GC/MS (ASP #95-1)
☐ 31. VOA—Soil/Sediments—GC/MS (ASP #95-1)
☐ 26 Pesticides/PCBs—Water—GC/MS (ASP #95-3)
☐ 32. Pesticides/PCBs—Soil/Sediments—GC (ASP #95-3)
☐ 27 Metals—23 in Water
☐ 33. Metals—23 in Soil/Sediments)
☐ 28 Cyanide—Water
☐ 34. Cyanide—Soil/Sediments)
☐ 66 Dioxin-Water (ASP #91-7)
☐ 67. Dioxin-Soil/Sediments (ASP #91-7)
☐ 35 Other ______

HAZARDOUS WASTES/RCRA ANALYSIS SW-846

☐ 36. EP Toxicity
☐ 37. EP Toxicity (Metals Only)
☐ 38. Ignitability
☐ 39. Corrosivity
☒ 40. VOA—(USEPA 8260 GC/MS)
☒ 41. BNA—(USEPA 8270 GC/MS)
☒ 42. Pesticides/PCBs (USEPA 8081)
☐ 43. TCLP
☐ 44. TCLP (Metals Only)
☐ 45. Reactivity
☐ 46. Dioxin (USEPA 8280)
☐ 47. Appendix IX
☐ 48. Other ______
☐ 63 Percent Solids
☒ 68. Metals—17 Hazardous

MUNICIPAL SLUDGE

☐ 56. RS-01 ☐ 57. RS-02 ☐ 58. Other ______

COLLECTED BY:	TELEPHONE NUMBER:	REGION NO.:
Russ Mulvey	(518) 897-1242	5

CONTRACT LABORATORY:	COUNTY:	SAMPLING DATE:	MILITARY TIME:
RECRA	WASH	4/30/98	1100

SAMPLE MATRIX:

☐ Air ☐ Soil/Sediment ☐ Groundwater ☒ Surface Water ☐ Wastewater ☐ Other ______

CASE NO.	SDG NO.	SAMPLE NO.	CHECK FOR MS/MD	TYPE OF SAMPLE
5H594	04130K	H485W	☐ This sample	☒ Grab ☐ Composite ☐ Term ____ hours

☐ Check if there will be more samples with this SDG sent in this calendar week

SAMPLING POINT: [illegible]

Report via Category B, unless checked ☐

Check if field duplicate ☐ Outfall Number

Check if sampling is part of inspection ☐

FLOW: ______ GPD ______ MGD

SPDES NUMBER/REGISTRY NUMBER

| | | | | | |

74-15-1 (9/97)—q

SEND THIS SHEET WITH SAMPLE TO CONTACT LAB

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

CONTRACT LAB SAMPLE INFORMATION SHEET

Print Legibly

Part 3

CAUTION (check if applicable)

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CHECK THE BOX PRECEDING THE REQUESTED ANALYSIS

PRIORITY POLLUTANTS (Water Part 136)—SPDES

☐ 2. 13PP Metals
☐ 3. Volatiles—(USEPA 624 GC/MS)
☐ 6. Pesticides/PCBs (USEPA 608-GC)
☐ 4. Acids Base/Neutrals (USEPA 624 GC/MS)
☐ 5. Cyanide
☐ 9. BOD
☐ 7. Halogenated Volatiles (USEPA 601 GC)
☐ 8. Aromatic Volatiles USEPA 602 GC)
☐ 12. TSS
☐ 10. pH
☐ 11. COD
☐ 15. Ammonia
☐ 13. Settleable Solids
☐ 14. TKN
☐ 18. Reactive Phosphorus
☐ 16. Nitrate/Nitrite
☐ 17. Total Phosphorus
☐ 21. Total Phenols
☐ 19. Oil/Grease)
☐ 20. TOC
☐ 60. PCBs congener method (ASP 91-11)
☐ 22. Other ______
☐ 59. PCBs at 0.065 ug/l
☐ 64. Total Solids
☐ 62. CBOD
☐ 65. Volatiles (USEPA 524.2 GC/MS)

CONTRACT LABORATORY PROTOCOLS

☐ 23 (ALL)—Water—Includes 24-28
☐ 29. (ALL)—Soil/Sediments—Includes 30-34
☐ 24 Base/Neutral/Acid (B/N/A)—Water—GC/MS (ASP #95-2)
☐ 30. (B/N/A)—Soil/Sediments—GC/MS (ASP #95-2)
☐ 25 Volatile Organic Analysis VOA—Water—GC/MS (ASP #95-1)
☐ 31. VOA—Soil/Sediments—GC/MS (ASP #95-1)
☐ 26 Pesticides/PCBs—Water—GC/MS (ASP #95-3)
☐ 32. Pesticides/PCBs—Soil/Sediments—GC (ASP #95-3)
☐ 27 Metals—23 in Water
☐ 33. Metals—23 in Soil/Sediments)
☐ 28 Cyanide—Water
☐ 34. Cyanide—Soil/Sediments)
☐ 66 Dioxin-Water (ASP #91-7)
☐ 67. Dioxin-Soil/Sediments (ASP #91-7)
☐ 35 Other ______

HAZARDOUS WASTES/RCRA ANALYSIS SW-846

☐ 36. EP Toxicity
☐ 37. EP Toxicity (Metals Only)
☐ 38. Ignitability
☐ 39. Corrosivity
☒ 40. VOA—(USEPA 8260 GC/MS)
☒ 41. BNA—(USEPA 8270 GC/MS)
☒ 42. Pesticides/PCBs (USEPA 8081)
☐ 43. TCLP
☐ 44. TCLP (Metals Only)
☐ 45. Reactivity
☐ 46. Dioxin (USEPA 8280)
☐ 47. Appendix IX
☐ 48. Other ______
☐ 63 Percent Solids
☒ 68. Metals—17 Hazardous

MUNICIPAL SLUDGE

☐ 56. RS-01 ☐ 57. RS-02 ☐ 58. Other ______

COLLECTED BY:	TELEPHONE NUMBER:	REGION NO.:
Russ Mulvey	(518) 397-1242	5

CONTRACT LABORATORY:	COUNTY:	SAMPLING DATE:	MILITARY TIME:
RECRA	WASH	4/30/98	1100

SAMPLE MATRIX:

☐ Air ☒ Soil/Sediment ☐ Groundwater ☐ Surface Water ☐ Wastewater ☐ Other ______

CASE NO.	SDG NO.	SAMPLE NO.	CHECK FOR MS/MD	TYPE OF SAMPLE
5H7918	01204	HC85ED	☐ This sample	☒ Grab ☐ Composite ☐ Term ______ hours

☐ Check if there will be more samples with this SDG sent in this calendar week.

SAMPLING POINT:

Report via Category B, unless checked ☐

Check if field duplicate ☐ Outfall Number

Check if sampling is part of inspection ☐

FLOW: ______ GPD ______ MGD

SPDES NUMBER/REGISTRY NUMBER

74-15-1 (9/97)—q

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NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

CONTRACT LAB SAMPLE INFORMATION SHEET

Print Legibly

Part 3

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CHECK THE BOX PRECEDING THE REQUESTED ANALYSIS

PRIORITY POLLUTANTS (Water Part 136)—SPDES

☐ 2. 13PP Metals
☐ 3. Volatiles—(USEPA 624 GC/MS)
☐ 6. Pesticides/PCBs (USEPA 608-GC)
☐ 4. Acids Base/Neutrals (USEPA 624 GC/MS)
☐ 5. Cyanide
☐ 9. BOD
☐ 7. Halogenated Volatiles (USEPA 601 GC)
☐ 8. Aromatic Volatiles USEPA 602 GC)
☐ 12. TSS
☐ 10. pH
☐ 11. COD
☐ 15. Ammonia
☐ 13. Settleable Solids
☐ 14. TKN
☐ 18. Reactive Phosphorus
☐ 16. Nitrate/Nitrite
☐ 17. Total Phosphorus
☐ 21. Total Phenols
☐ 19. Oil/Grease)
☐ 20. TOC
☐ 60. PCBs congener method (ASP 91-11)
☐ 22. Other ______
☐ 59. PCBs at 0.065 ug/l
☐ 64. Total Solids
☐ 62. CBOD
☐ 65. Volatiles (USEPA 524.2 GC/MS)

CONTRACT LABORATORY PROTOCOLS

☐ 23 (ALL)—Water—Includes 24-28
☐ 29. (ALL)—Soil/Sediments—Includes 30-34
☐ 24 Base/Neutral/Acid (B/N/A)—Water—GC/MS (ASP #95-2)
☐ 30. (B/N/A)—Soil/Sediments—GC/MS (ASP #95-2)
☐ 25 Volatile Organic Analysis VOA—Water—GC/MS (ASP #95-1)
☐ 31. VOA—Soil/Sediments—GC/MS (ASP #95-1)
☐ 26 Pesticides/PCBs—Water—GC/MS (ASP #95-3)
☐ 32. Pesticides/PCBs—Soil/Sediments—GC (ASP #95-3)
☐ 27 Metals—23 in Water
☐ 33. Metals—23 in Soil/Sediments)
☐ 28 Cyanide—Water
☐ 34. Cyanide—Soil/Sediments)
☐ 66 Dioxin-Water (ASP #91-7)
☐ 67. Dioxin-Soil/Sediments (ASP #91-7)
☐ 35 Other ______

HAZARDOUS WASTES/RCRA ANALYSIS SW-846

☐ 36. EP Toxicity
☐ 37. EP Toxicity (Metals Only)
☐ 38. Ignitability
☐ 39. Corrosivity
☒ 40. VOA—(USEPA 8260 GC/MS)
☒ 41. BNA—(USEPA 8270 GC/MS)
☒ 42. Pesticides/PCBs (USEPA 8081)
☐ 43. TCLP
☐ 44. TCLP (Metals Only)
☐ 45. Reactivity
☐ 46. Dioxin (USEPA 8280)
☐ 47. Appendix IX
☐ 48. Other ______
☐ 63 Percent Solids
☒ 68. Metals—17 Hazardous

MUNICIPAL SLUDGE

☐ 56. RS-01 ☐ 57. RS-02 ☐ 58. Other ______

COLLECTED BY:	TELEPHONE NUMBER:	REGION NO.:
Russ Mulvey	518 897-1242	5

CONTRACT LABORATORY:	COUNTY:	SAMPLING DATE:	MILITARY TIME:
RECRA	WASH	4/30/98	1130

SAMPLE MATRIX:

☐ Air ☒ Soil/Sediment ☐ Groundwater ☐ Surface Water ☐ Wastewater ☐ Other ______

CASE NO.	SDG NO.	SAMPLE NO.	CHECK FOR MS/MD	TYPE OF SAMPLE
JH598	04306	A49SED	☐ This sample	☒ Grab ☐ Composite ☐ Term ____ hours

☐ Check if there will be more samples with this SDG sent in this calendar week.

SAMPLING POINT:

Report via Category B, unless checked ☐
Check if field duplicate ☐ Outfall Number
Check if sampling is part of inspection ☐
FLOW: ______ GPD ______ MGD

SPDES NUMBER/REGISTRY NUMBER

74-15-1 (9/97)—q

SEND THIS SHEET WITH SAMPLE TO CONTACT LAB

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

CONTRACT LAB SAMPLE INFORMATION SHEET

Print Legibly

Part 3

CAUTION (check if applicable)

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CHECK THE BOX PRECEDING THE REQUESTED ANALYSIS

PRIORITY POLLUTANTS (Water Part 136)—SPDES

☐ 2. 13PP Metals
☐ 3. Volatiles—(USEPA 624 GC/MS)
☐ 6. Pesticides/PCBs (USEPA 608-GC)
☐ 4. Acids Base/Neutrals (USEPA 624 GC/MS)
☐ 5. Cyanide
☐ 9. BOD
☐ 7. Halogenated Volatiles (USEPA 601 GC)
☐ 8. Aromatic Volatiles USEPA 602 GC)
☐ 12. TSS
☐ 10. pH
☐ 11. COD
☐ 15. Ammonia
☐ 13. Settleable Solids
☐ 14. TKN
☐ 18. Reactive Phosphorus
☐ 16. Nitrate/Nitrite
☐ 17. Total Phosphorus
☐ 21. Total Phenols
☐ 19. Oil/Grease)
☐ 20. TOC
☐ 60. PCBs congener method (ASP 91-11)
☐ 22. Other ______
☐ 59. PCBs at 0.065 ug/l
☐ 64. Total Solids
☐ 62. CBOD
☐ 65. Volatiles (USEPA 524.2 GC/MS)

CONTRACT LABORATORY PROTOCOLS

☐ 23 (ALL)—Water—Includes 24-28
☐ 29. (ALL)—Soil/Sediments—Includes 30-34
☐ 24 Base/Neutral/Acid (B/N/A)—Water—GC/MS (ASP #95-2)
☐ 30. (B/N/A)—Soil/Sediments—GC/MS (ASP #95-2)
☐ 25 Volatile Organic Analysis VOA—Water—GC/MS (ASP #95-1)
☐ 31. VOA—Soil/Sediments—GC/MS (ASP #95-1)
☐ 26 Pesticides/PCBs—Water—GC/MS (ASP #95-3)
☐ 32. Pesticides/PCBs—Soil/Sediments—GC (ASP #95-3)
☐ 27 Metals—23 in Water
☐ 33. Metals—23 in Soil/Sediments)
☐ 28 Cyanide—Water
☐ 34. Cyanide—Soil/Sediments)
☐ 66 Dioxin-Water (ASP #91-7)
☐ 67. Dioxin-Soil/Sediments (ASP #91-7)
☐ 35 Other ______

HAZARDOUS WASTES/RCRA ANALYSIS SW-846

☐ 36. EP Toxicity
☐ 37. EP Toxicity (Metals Only)
☐ 38. Ignitability
☐ 39. Corrosivity
☒ 40. VOA—(USEPA 8260 GC/MS)
☒ 41. BNA—(USEPA 8270 GC/MS)
☒ 42. Pesticides/PCBs (USEPA 8081)
☐ 43. TCLP
☐ 44. TCLP (Metals Only)
☐ 45. Reactivity
☐ 46. Dioxin (USEPA 8280)
☐ 47. Appendix IX
☐ 48. Other ______
☐ 63 Percent Solids
☒ 68. Metals—17 Hazardous

MUNICIPAL SLUDGE

☐ 56. RS-01 ☐ 57. RS-02 ☐ 58. Other ______

COLLECTED BY:	TELEPHONE NUMBER:	REGION NO.:
Russ Mulvey	518 897-1242	5

CONTRACT LABORATORY:	COUNTY:	SAMPLING DATE:	MILITARY TIME:
RECRA	WASH	4/30/90	1130

SAMPLE MATRIX:

☐ Air ☐ Soil/Sediment ☐ Groundwater ☒ Surface Water ☐ Wastewater ☐ Other ______

CASE NO.	SDG NO.	SAMPLE NO.	CHECK FOR MS/MD	TYPE OF SAMPLE
SITE 579	14310	4HC9154	☐ This sample	☒ Grab ☐ Composite ☐ Term ____ hours

☐ Check if there will be more samples with this SDG sent in this calendar week.

SAMPLING POINT:

Report via Category B, unless checked ☐
Check if field duplicate ☐ Outfall Number
Check if sampling is part of inspection ☐
FLOW: ______ GPD ______ MGD

SPDES NUMBER/REGISTRY NUMBER

74-15-1 (9/97)—q

SEND THIS SHEET WITH SAMPLE TO CONTACT LAB

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

CONTRACT LAB SAMPLE INFORMATION SHEET

Print Legibly

Part 3

CAUTION (check if applicable)

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CHECK THE BOX PRECEDING THE REQUESTED ANALYSIS

PRIORITY POLLUTANTS (Water Part 136)—SPDES

☐ 2. 13PP Metals
☐ 3. Volatiles—(USEPA 624 GC/MS)
☐ 6. Pesticides/PCBs (USEPA 608-GC)
☐ 4. Acids Base/Neutrals (USEPA 624 GC/MS)
☐ 5. Cyanide
☐ 9. BOD
☐ 7. Halogenated Volatiles (USEPA 601 GC)
☐ 8. Aromatic Volatiles USEPA 602 GC)
☐ 12. TSS
☐ 10. pH
☐ 11. COD
☐ 15. Ammonia
☐ 13. Settleable Solids
☐ 14. TKN
☐ 18. Reactive Phosphorus
☐ 16. Nitrate/Nitrite
☐ 17. Total Phosphorus
☐ 21. Total Phenols
☐ 19. Oil/Grease)
☐ 20. TOC
☐ 60. PCBs congener method (ASP 91-11)
☐ 22. Other _____
☐ 59. PCBs at 0.065 ug/l
☐ 64. Total Solids
☐ 62. CBOD
☐ 65. Volatiles (USEPA 524.2 GC/MS)

CONTRACT LABORATORY PROTOCOLS

☐ 23 (ALL)—Water—Includes 24-28
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☐ 24 Base/Neutral/Acid (B/N/A)—Water—GC/MS (ASP #95-2)
☐ 30. (B/N/A)—Soil/Sediments—GC/MS (ASP #95-2)
☐ 25 Volatile Organic Analysis VOA—Water—GC/MS (ASP #95-1)
☐ 31. VOA—Soil/Sediments—GC/MS (ASP #95-1)
☐ 26 Pesticides/PCBs—Water—GC/MS (ASP #95-3)
☐ 32. Pesticides/PCBs—Soil/Sediments—GC (ASP #95-3)
☐ 27 Metals—23 in Water
☐ 33. Metals—23 in Soil/Sediments)
☐ 28 Cyanide—Water
☐ 34. Cyanide—Soil/Sediments)
☐ 66 Dioxin-Water (ASP #91-7)
☐ 67. Dioxin-Soil/Sediments (ASP #91-7)
☐ 35 Other _____

HAZARDOUS WASTES/RCRA ANALYSIS SW-846

☐ 36. EP Toxicity
☐ 37. EP Toxicity (Metals Only)
☐ 38. Ignitability
☐ 39. Corrosivity
☐ 40. VOA—(USEPA 8260 GC/MS)
☐ 41. BNA—(USEPA 8270 GC/MS)
☐ 42. Pesticides/PCBs (USEPA 8081)
☐ 43. TCLP
☐ 44. TCLP (Metals Only)
☐ 45. Reactivity
☐ 46. Dioxin (USEPA 8280)
☐ 47. Appendix IX
☐ 48. Other _____
☐ 63 Percent Solids
☐ 68. Metals—17 Hazardous

MUNICIPAL SLUDGE

☐ 56. RS-01 ☐ 57. RS-02 ☐ 58. Other _____

COLLECTED BY:	TELEPHONE NUMBER:	REGION NO.:
Russ Mulvey	518 347 -	5

CONTRACT LABORATORY:	COUNTY:	SAMPLING DATE:	MILITARY TIME:
RECRA	WASH	4/30/98	1135

SAMPLE MATRIX:

☐ Air ☐ Soil/Sediment ☐ Groundwater ☐ Surface Water ☐ Wastewater ☒ Other TRIPBLANK

CASE NO.	SDG NO.	SAMPLE NO.	CHECK FOR MS/MD	TYPE OF SAMPLE
S1#15198	01301T	B	☐ This sample	☐ Grab ☐ Composite ☐ Term _____ hours

☐ Check if there will be more samples with this SDG sent in this calendar week.

SAMPLING POINT:

Report via Category B, unless checked ☐

Check if field duplicate ☐ Outfall Number

Check if sampling is part of inspection ☐

FLOW: _____ GPD _____ MGD

SPDES NUMBER/REGISTRY NUMBER

		.			

74-15-1 (9/97)—q

SEND THIS SHEET WITH SAMPLE TO CONTACT LAB

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

CONTRACT LAB SAMPLE INFORMATION SHEET

Print Legibly

Part 3

CAUTION (check if applicable)

☐ Lab personnel are expected to use caution when handling DEC samples, however, please use special caution when handling this sample since it is believed to contain significant concentrations of hazardous and/or toxic materials(s)

CHECK THE BOX PRECEDING THE REQUESTED ANALYSIS

PRIORITY POLLUTANTS (Water Part 136)—SPDES

☐ 2. 13PP Metals
☐ 3. Volatiles—(USEPA 624 GC/MS)
☐ 6. Pesticides/PCBs (USEPA 608-GC)
☐ 4. Acids Base/Neutrals (USEPA 624 GC/MS)
☐ 5. Cyanide
☐ 9. BOD
☐ 7. Halogenated Volatiles (USEPA 601 GC)
☐ 8. Aromatic Volatiles USEPA 602 GC)
☐ 12. TSS
☐ 10. pH
☐ 11. COD
☐ 15. Ammonia
☐ 13. Settleable Solids
☐ 14. TKN
☐ 18. Reactive Phosphorus
☐ 16. Nitrate/Nitrite
☐ 17. Total Phosphorus
☐ 21. Total Phenols
☐ 19. Oil/Grease)
☐ 20. TOC
☐ 60. PCBs congener method (ASP 91-11)
☐ 22. Other _____
☐ 59. PCBs at 0.065 ug/l
☐ 64. Total Solids
☐ 62. CBOD
☐ 65. Volatiles (USEPA 524.2 GC/MS)

CONTRACT LABORATORY PROTOCOLS

☐ 23 (ALL)—Water—Includes 24-28
☐ 29. (ALL)—Soil/Sediments—Includes 30-34
☐ 24 Base/Neutral/Acid (B/N/A)—Water—GC/MS (ASP #95-2)
☐ 30. (B/N/A)—Soil/Sediments—GC/MS (ASP #95-2)
☐ 25 Volatile Organic Analysis VOA—Water—GC/MS (ASP #95-1)
☐ 31. VOA—Soil/Sediments—GC/MS (ASP #95-1)
☐ 26 Pesticides/PCBs—Water—GC/MS (ASP #95-3)
☐ 32. Pesticides/PCBs—Soil/Sediments—GC (ASP #95-3)
☐ 27 Metals—23 in Water
☐ 33. Metals—23 in Soil/Sediments)
☐ 28 Cyanide—Water
☐ 34. Cyanide—Soil/Sediments)
☐ 66 Dioxin-Water (ASP #91-7)
☐ 67. Dioxin-Soil/Sediments (ASP #91-7)
☐ 35 Other _____

HAZARDOUS WASTES/RCRA ANALYSIS SW-846

☐ 36. EP Toxicity
☐ 37. EP Toxicity (Metals Only)
☐ 38. Ignitability
☐ 39. Corrosivity
☒ 40. VOA—(USEPA 8260 GC/MS)
☒ 41. BNA—(USEPA 8270 GC/MS)
☒ 42. Pesticides/PCBs (USEPA 8081)
☐ 43. TCLP
☐ 44. TCLP (Metals Only)
☐ 45. Reactivity
☐ 46. Dioxin (USEPA 8280)
☐ 47. Appendix IX
☐ 48. Other _____
☐ 63 Percent Solids
☒ 68. Metals—17 Hazardous

MUNICIPAL SLUDGE

☐ 56. RS-01 ☐ 57. RS-02 ☐ 58. Other _____

COLLECTED BY:	TELEPHONE NUMBER:	REGION NO.:
Russ Mulvey	(518) 947-1242	5

CONTRACT LABORATORY:	COUNTY:	SAMPLING DATE:	MILITARY TIME:
RECRA	WASH	4/30/98	1215

SAMPLE MATRIX:

☐ Air ☐ Soil/Sediment ☐ Groundwater ☒ Surface Water ☐ Wastewater ☐ Other _____

CASE NO.	SDG NO.	SAMPLE NO.	CHECK FOR MS/MD	TYPE OF SAMPLE
SIH519	04310C	HC1105W	☐ This sample	☒ Grab ☐ Composite ☐ Term _____ hours

☐ Check if there will be more samples with this SDG sent in this calendar week.

SAMPLING POINT:

Report via Category B, unless checked ☐

Check if field duplicate ☐ | Outfall Number

Check if sampling is part of inspection ☐

FLOW: _____ GPD _____ MGD

SPDES NUMBER/REGISTRY NUMBER

74-15-1 (9/97)—q

SEND THIS SHEET WITH SAMPLE TO CONTACT LAB

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

CONTRACT LAB SAMPLE INFORMATION SHEET

Print Legibly

Part 3

CAUTION (check if applicable)

☐ Lab personnel are expected to use caution when handling DEC samples, however, please use special caution when handling this sample since it is believed to contain significant concentrations of hazardous and/or toxic materials(s)

CHECK THE BOX PRECEDING THE REQUESTED ANALYSIS

PRIORITY POLLUTANTS (Water Part 136)—SPDES

☐ 2. 13PP Metals
☐ 3. Volatiles—(USEPA 624 GC/MS)
☐ 6. Pesticides/PCBs (USEPA 608-GC)
☐ 4. Acids Base/Neutrals (USEPA 624 GC/MS)
☐ 5. Cyanide
☐ 9. BOD
☐ 7. Halogenated Volatiles (USEPA 601 GC)
☐ 8. Aromatic Volatiles USEPA 602 GC)
☐ 12. TSS
☐ 10. pH
☐ 11. COD
☐ 15. Ammonia
☐ 13. Settleable Solids
☐ 14. TKN
☐ 18. Reactive Phosphorus
☐ 16. Nitrate/Nitrite
☐ 17. Total Phosphorus
☐ 21. Total Phenols
☐ 19. Oil/Grease)
☐ 20. TOC
☐ 60. PCBs congener method (ASP 91-11)
☐ 22. Other _____
☐ 59. PCBs at 0.065 ug/l
☐ 64. Total Solids
☐ 62. CBOD
☐ 65. Volatiles (USEPA 524.2 GC/MS)

CONTRACT LABORATORY PROTOCOLS

☐ 23 (ALL)—Water—Includes 24-28
☐ 29. (ALL)—Soil/Sediments—Includes 30-34
☐ 24 Base/Neutral/Acid (B/N/A)—Water—GC/MS (ASP #95-2)
☐ 30. (B/N/A)—Soil/Sediments—GC/MS (ASP #95-2)
☐ 25 Volatile Organic Analysis VOA—Water—GC/MS (ASP #95-1)
☐ 31. VOA—Soil/Sediments—GC/MS (ASP #95-1)
☐ 26 Pesticides/PCBs—Water—GC/MS (ASP #95-3)
☐ 32. Pesticides/PCBs—Soil/Sediments—GC (ASP #95-3)
☐ 27 Metals—23 in Water
☐ 33. Metals—23 in Soil/Sediments)
☐ 28 Cyanide—Water
☐ 34. Cyanide—Soil/Sediments)
☐ 66 Dioxin-Water (ASP #91-7)
☐ 67. Dioxin-Soil/Sediments (ASP #91-7)
☐ 35 Other _____

HAZARDOUS WASTES/RCRA ANALYSIS SW-846

☐ 36. EP Toxicity
☐ 37. EP Toxicity (Metals Only)
☐ 38. Ignitability
☐ 39. Corrosivity
☒ 40. VOA—(USEPA 8260 GC/MS)
☒ 41. BNA—(USEPA 8270 GC/MS)
☒ 42. Pesticides/PCBs (USEPA 8081)
☐ 43. TCLP
☐ 44. TCLP (Metals Only)
☐ 45. Reactivity
☐ 46. Dioxin (USEPA 8280)
☐ 47. Appendix IX
☐ 48. Other _____
☐ 63 Percent Solids
☒ 68. Metals—17 Hazardous

MUNICIPAL SLUDGE

☐ 56. RS-01 ☐ 57. RS-02 ☐ 58. Other _____

COLLECTED BY:	TELEPHONE NUMBER:	REGION NO.:
Russ Mulvey	518 897-1242	5

CONTRACT LABORATORY:	COUNTY:	SAMPLING DATE:	MILITARY TIME:
RECRA	WASH.	4/30/98	1215

SAMPLE MATRIX:

☐ Air ☒ Soil/Sediment ☐ Groundwater ☐ Surface Water ☐ Wastewater ☐ Other _____

CASE NO.	SDG NO.	SAMPLE NO.	CHECK FOR MS/MD	TYPE OF SAMPLE
31495	79301	HC1105D	☐ This sample	☒ Grab ☐ Composite ☐ Term _____ hours

☐ Check if there will be more samples with this SDG sent in this calendar week.

SAMPLING POINT:

Report via Category B, unless checked ☐

Check if field duplicate ☐ Outfall Number

Check if sampling is part of inspection ☐

FLOW: _____ GPD _____ MGD

SPDES NUMBER/REGISTRY NUMBER

74-15-1 (9/97)—q

SEND THIS SHEET WITH SAMPLE TO CONTACT LAB

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

CONTRACT LAB SAMPLE INFORMATION SHEET

Print Legibly

Part 3

CAUTION (check if applicable)

☐ Lab personnel are expected to use caution when handling DEC samples, however, please use special caution when handling this sample since it is believed to contain significant concentrations of hazardous and/or toxic materials(s)

CHECK THE BOX PRECEDING THE REQUESTED ANALYSIS

PRIORITY POLLUTANTS (Water Part 136)—SPDES

☐ 2. 13PP Metals
☐ 3. Volatiles—(USEPA 624 GC/MS)
☐ 6. Pesticides/PCBs (USEPA 608-GC)
☐ 4. Acids Base/Neutrals (USEPA 624 GC/MS)
☐ 5. Cyanide
☐ 9. BOD
☐ 7. Halogenated Volatiles (USEPA 601 GC)
☐ 8. Aromatic Volatiles USEPA 602 GC)
☐ 12. TSS
☐ 10. pH
☐ 11. COD
☐ 15. Ammonia
☐ 13. Settleable Solids
☐ 14. TKN
☐ 18. Reactive Phosphorus
☐ 16. Nitrate/Nitrite
☐ 17. Total Phosphorus
☐ 21. Total Phenols
☐ 19. Oil/Grease)
☐ 20. TOC
☐ 60. PCBs congener method (ASP 91-11)
☐ 22. Other ______
☐ 59. PCBs at 0.065 ug/l
☐ 64. Total Solids
☐ 62. CBOD
☐ 65. Volatiles (USEPA 524.2 GC/MS)

CONTRACT LABORATORY PROTOCOLS

☐ 23 (ALL)—Water—Includes 24-28
☐ 29. (ALL)—Soil/Sediments—Includes 30-34
☐ 24 Base/Neutral/Acid (B/N/A)—Water—GC/MS (ASP #95-2)
☐ 30. (B/N/A)—Soil/Sediments—GC/MS (ASP #95-2)
☐ 25 Volatile Organic Analysis VOA—Water—GC/MS (ASP #95-1)
☐ 31. VOA—Soil/Sediments—GC/MS (ASP #95-1)
☐ 26 Pesticides/PCBs—Water—GC/MS (ASP #95-3)
☐ 32. Pesticides/PCBs—Soil/Sediments—GC (ASP #95-3)
☐ 27 Metals—23 in Water
☐ 33. Metals—23 in Soil/Sediments)
☐ 28 Cyanide—Water
☐ 34. Cyanide—Soil/Sediments)
☐ 66 Dioxin-Water (ASP #91-7)
☐ 67. Dioxin-Soil/Sediments (ASP #91-7)
☐ 35 Other ______

HAZARDOUS WASTES/RCRA ANALYSIS SW-846

☐ 36. EP Toxicity
☐ 37. EP Toxicity (Metals Only)
☐ 38. Ignitability
☐ 39. Corrosivity
☒ 40. VOA—(USEPA 8260 GC/MS)
☒ 41. BNA—(USEPA 8270 GC/MS)
☒ 42. Pesticides/PCBs (USEPA 8081)
☐ 43. TCLP
☐ 44. TCLP (Metals Only)
☐ 45. Reactivity
☐ 46. Dioxin (USEPA 8280)
☐ 47. Appendix IX
☐ 48. Other ______
☐ 63 Percent Solids
☒ 68. Metals—17 Hazardous

MUNICIPAL SLUDGE

☐ 56. RS-01 ☐ 57. RS-02 ☐ 58. Other ______

COLLECTED BY:	TELEPHONE NUMBER:	REGION NO.:
[illegible]	7?? ?17 - 1242	5

CONTRACT LABORATORY:	COUNTY:	SAMPLING DATE:	MILITARY TIME:
RECRA	[illegible]	1/30/98	1315

SAMPLE MATRIX:

☐ Air ☐ Soil/Sediment ☐ Groundwater ☒ Surface Water ☐ Wastewater ☐ Other ______

CASE NO.	SDG NO.	SAMPLE NO.	CHECK FOR MS/MD	TYPE OF SAMPLE
214578	04130	HC11 1W	☐ This sample	☒ Grab ☐ Composite ☐ Term ____ hours

☐ Check if there will be more samples with this SDG sent in this calendar week.

SAMPLING POINT:

Report via Category B, unless checked ☐

Check if field duplicate ☐ Outfall Number

Check if sampling is part of inspection ☐

FLOW: ______ GPD ______ MGD

SPDES NUMBER/REGISTRY NUMBER

74-15-1 (9/97)—q

SEND THIS SHEET WITH SAMPLE TO CONTACT LAB

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

CONTRACT LAB SAMPLE INFORMATION SHEET

Print Legibly

Part 3

CAUTION (check if applicable)

☐ Lab personnel are expected to use caution when handling DEC samples, however, please use special caution when handling this sample since it is believed to contain significant concentrations of hazardous and/or toxic materials(s)

CHECK THE BOX PRECEDING THE REQUESTED ANALYSIS

PRIORITY POLLUTANTS (Water Part 136)—SPDES

☐ 2. 13PP Metals
☐ 3. Volatiles—(USEPA 624 GC/MS)
☐ 6. Pesticides/PCBs (USEPA 608-GC)
☐ 4. Acids Base/Neutrals (USEPA 624 GC/MS)
☐ 5. Cyanide
☐ 9. BOD
☐ 7. Halogenated Volatiles (USEPA 601 GC)
☐ 8. Aromatic Volatiles USEPA 602 GC)
☐ 12. TSS
☐ 10. pH
☐ 11. COD
☐ 15. Ammonia
☐ 13. Settleable Solids
☐ 14. TKN
☐ 18. Reactive Phosphorus
☐ 16. Nitrate/Nitrite
☐ 17. Total Phosphorus
☐ 21. Total Phenols
☐ 19. Oil/Grease)
☐ 20. TOC
☐ 60. PCBs congener method (ASP 91-11)
☐ 22. Other ______
☐ 59. PCBs at 0.065 ug/l
☐ 64. Total Solids
☐ 62. CBOD
☐ 65. Volatiles (USEPA 524.2 GC/MS)

CONTRACT LABORATORY PROTOCOLS

☐ 23 (ALL)—Water—Includes 24-28
☐ 29. (ALL)—Soil/Sediments—Includes 30-34
☐ 24 Base/Neutral/Acid (B/N/A)—Water—GC/MS (ASP #95-2)
☐ 30. (B/N/A)—Soil/Sediments—GC/MS (ASP #95-2)
☐ 25 Volatile Organic Analysis VOA—Water—GC/MS (ASP #95-1)
☐ 31. VOA—Soil/Sediments—GC/MS (ASP #95-1)
☐ 26 Pesticides/PCBs—Water—GC/MS (ASP #95-3)
☐ 32. Pesticides/PCBs—Soil/Sediments—GC (ASP #95-3)
☐ 27 Metals—23 in Water
☐ 33. Metals—23 in Soil/Sediments)
☐ 28 Cyanide—Water
☐ 34. Cyanide—Soil/Sediments)
☐ 66 Dioxin-Water (ASP #91-7)
☐ 67. Dioxin-Soil/Sediments (ASP #91-7)
☐ 35 Other ______

HAZARDOUS WASTES/RCRA ANALYSIS SW-846

☐ 36. EP Toxicity
☐ 37. EP Toxicity (Metals Only)
☐ 38. Ignitability
☐ 39. Corrosivity
☒ 40. VOA—(USEPA 8260 GC/MS)
☒ 41. BNA—(USEPA 8270 GC/MS)
☒ 42. Pesticides/PCBs (USEPA 8081)
☐ 43. TCLP
☐ 44. TCLP (Metals Only)
☐ 45. Reactivity
☐ 46. Dioxin (USEPA 8280)
☐ 47. Appendix IX
☐ 48. Other ______
☐ 63 Percent Solids
☒ 68. Metals—17 Hazardous

MUNICIPAL SLUDGE

☐ 56. RS-01 ☐ 57. RS-02 ☐ 58. Other ______

COLLECTED BY:	TELEPHONE NUMBER:	REGION NO.:
Russ Mulvey	(518) 897-1242	5

CONTRACT LABORATORY:	COUNTY:	SAMPLING DATE:	MILITARY TIME:
RECRA	Wash	4/30/98	1315

SAMPLE MATRIX:

☐ Air ☒ Soil/Sediment ☐ Groundwater ☐ Surface Water ☐ Wastewater ☐ Other ______

CASE NO.	SDG NO.	SAMPLE NO.	CHECK FOR MS/MD	TYPE OF SAMPLE
5-4-5-4-0	5-4-1-3-7	H-C-1-1-S-P	☐ This sample	☒ Grab ☐ Composite ☐ Term ____ hours

☐ Check if there will be more samples with this SDG sent in this calendar week.

SAMPLING POINT:

Report via Category B, unless checked ☐

Check if field duplicate ☐ Outfall Number

Check if sampling is part of inspection ☐

FLOW: ______ GPD ______ MGD

SPDES NUMBER/REGISTRY NUMBER

74-15-1 (9/97)—q

SEND THIS SHEET WITH SAMPLE TO CONTACT LAB

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

CONTRACT LAB SAMPLE INFORMATION SHEET

Print Legibly

Part 3

CAUTION (check if applicable)

☐ Lab personnel are expected to use caution when handling DEC samples, however, please use special caution when handling this sample since it is believed to contain significant concentrations of hazardous and/or toxic materials(s)

CHECK THE BOX PRECEDING THE REQUESTED ANALYSIS

PRIORITY POLLUTANTS (Water Part 136)—SPDES

☐ 2. 13PP Metals
☐ 3. Volatiles—(USEPA 624 GC/MS)
☐ 6. Pesticides/PCBs (USEPA 608-GC)
☐ 4. Acids Base/Neutrals (USEPA 624 GC/MS)
☐ 5. Cyanide
☐ 9. BOD
☐ 7. Halogenated Volatiles (USEPA 601 GC)
☐ 8. Aromatic Volatiles USEPA 602 GC)
☐ 12. TSS
☐ 10. pH
☐ 11. COD
☐ 15. Ammonia
☐ 13. Settleable Solids
☐ 14. TKN
☐ 18. Reactive Phosphorus
☐ 16. Nitrate/Nitrite
☐ 17. Total Phosphorus
☐ 21. Total Phenols
☐ 19. Oil/Grease)
☐ 20. TOC
☐ 60. PCBs congener method (ASP 91-11)
☐ 22. Other _____
☐ 59. PCBs at 0.065 ug/l
☐ 64. Total Solids
☐ 62. CBOD
☐ 65. Volatiles (USEPA 524.2 GC/MS)

CONTRACT LABORATORY PROTOCOLS

☐ 23 (ALL)—Water—Includes 24-28
☐ 29. (ALL)—Soil/Sediments—Includes 30-34
☐ 24 Base/Neutral/Acid (B/N/A)—Water—GC/MS (ASP #95-2)
☐ 30. (B/N/A)—Soil/Sediments—GC/MS (ASP #95-2)
☐ 25 Volatile Organic Analysis VOA—Water—GC/MS (ASP #95-1)
☐ 31. VOA—Soil/Sediments—GC/MS (ASP #95-1)
☐ 26 Pesticides/PCBs—Water—GC/MS (ASP #95-3)
☐ 32. Pesticides/PCBs—Soil/Sediments—GC (ASP #95-3)
☐ 27 Metals—23 in Water
☐ 33. Metals—23 in Soil/Sediments)
☐ 28 Cyanide—Water
☐ 34. Cyanide—Soil/Sediments)
☐ 66 Dioxin-Water (ASP #91-7)
☐ 67. Dioxin-Soil/Sediments (ASP #91-7)
☐ 35 Other _____

HAZARDOUS WASTES/RCRA ANALYSIS SW-846

☐ 36. EP Toxicity
☐ 37. EP Toxicity (Metals Only)
☐ 38. Ignitability
☐ 39. Corrosivity
☑ 40. VOA—(USEPA 8260 GC/MS)
☑ 41. BNA—(USEPA 8270 GC/MS)
☒ 42. Pesticides/PCBs (USEPA 8081)
☐ 43. TCLP
☐ 44. TCLP (Metals Only)
☐ 45. Reactivity
☐ 46. Dioxin (USEPA 8280)
☐ 47. Appendix IX
☐ 48. Other _____
☐ 63 Percent Solids
☑ 68. Metals—17 Hazardous

MUNICIPAL SLUDGE

☐ 56. RS-01 ☐ 57. RS-02 ☐ 58. Other _____

COLLECTED BY:	TELEPHONE NUMBER:	REGION NO.:
Russ Mulvey	(518) 347-1242	5

CONTRACT LABORATORY:	COUNTY:	SAMPLING DATE:	MILITARY TIME:
RECRA	Wash	4/30/98	1330

SAMPLE MATRIX:

☐ Air ☐ Soil/Sediment ☐ Groundwater ☒ Surface Water ☐ Wastewater ☐ Other _____

CASE NO.	SDG NO.	SAMPLE NO.	CHECK FOR MS/MD	TYPE OF SAMPLE
SH5718	44310	HC2544	☐ This sample	☒ Grab ☐ Composite ☐ Term _____ hours

☐ Check if there will be more samples with this SDG sent in this calendar week.

SAMPLING POINT:

Report via Category B, unless checked ☐

Check if field duplicate ☐ Outfall Number

Check if sampling is part of inspection ☐

FLOW: _____ GPD _____ MGD

SPDES NUMBER/REGISTRY NUMBER

74-15-1 (9/97)—q

SEND THIS SHEET WITH SAMPLE TO CONTACT LAB

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

CONTRACT LAB SAMPLE INFORMATION SHEET

Print Legibly

Part 3

CAUTION (check if applicable)

☐ Lab personnel are expected to use caution when handling DEC samples, however, please use special caution when handling this sample since it is believed to contain significant concentrations of hazardous and/or toxic materials(s)

CHECK THE BOX PRECEDING THE REQUESTED ANALYSIS

PRIORITY POLLUTANTS (Water Part 136)—SPDES

☐ 2. 13PP Metals
☐ 4. Acids Base/Neutrals (USEPA 624 GC/MS)
☐ 7. Halogenated Volatiles (USEPA 601 GC)
☐ 10. pH
☐ 13. Settleable Solids
☐ 16. Nitrate/Nitrite
☐ 19. Oil/Grease)
☐ 22. Other ____________
☐ 3. Volatiles—(USEPA 624 GC/MS)
☐ 5. Cyanide
☐ 8. Aromatic Volatiles USEPA 602 GC)
☐ 11. COD
☐ 14. TKN
☐ 17. Total Phosphorus
☐ 20. TOC
☐ 59. PCBs at 0.065 ug/l
☐ 62. CBOD
☐ 6. Pesticides/PCBs (USEPA 608-GC)
☐ 9. BOD
☐ 12. TSS
☐ 15. Ammonia
☐ 18. Reactive Phosphorus
☐ 21. Total Phenols
☐ 60. PCBs congener method (ASP 91-11)
☐ 64. Total Solids
☐ 65. Volatiles (USEPA 524.2 GC/MS)

CONTRACT LABORATORY PROTOCOLS

☐ 23 (ALL)—Water—Includes 24-28
☐ 24 Base/Neutral/Acid (B/N/A)—Water—GC/MS (ASP #95-2)
☐ 25 Volatile Organic Analysis VOA—Water—GC/MS (ASP #95-1)
☐ 26 Pesticides/PCBs—Water—GC/MS (ASP #95-3)
☐ 27 Metals—23 in Water
☐ 28 Cyanide—Water
☐ 66 Dioxin-Water (ASP #91-7)
☐ 35 Other ____________
☐ 29. (ALL)—Soil/Sediments—Includes 30-34
☐ 30. (B/N/A)—Soil/Sediments—GC/MS (ASP #95-2)
☐ 31. VOA—Soil/Sediments—GC/MS (ASP #95-1)
☐ 32. Pesticides/PCBs—Soil/Sediments—GC (ASP #95-3)
☐ 33. Metals—23 in Soil/Sediments)
☐ 34. Cyanide—Soil/Sediments)
☐ 67. Dioxin-Soil/Sediments (ASP #91-7)

HAZARDOUS WASTES/RCRA ANALYSIS SW-846

☐ 36. EP Toxicity
☐ 39. Corrosivity
☒ 42. Pesticides/PCBs (USEPA 8081)
☐ 45. Reactivity
☐ 48. Other ____________
☐ 37. EP Toxicity (Metals Only)
☒ 40. VOA—(USEPA 8260 GC/MS)
☐ 43. TCLP
☐ 46. Dioxin (USEPA 8280)
☐ 63 Percent Solids
☐ 38. Ignitability
☒ 41. BNA—(USEPA 8270 GC/MS)
☐ 44. TCLP (Metals Only)
☐ 47. Appendix IX
☒ 68. Metals—17 Hazardous

MUNICIPAL SLUDGE

☐ 56. RS-01 ☐ 57. RS-02 ☐ 58. Other ____________

COLLECTED BY:	TELEPHONE NUMBER:	REGION NO.:
Russ Mulvey	518 897-1242	5

CONTRACT LABORATORY:	COUNTY:	SAMPLING DATE:	MILITARY TIME:
RECRA	Wash	4/30/98	1330

SAMPLE MATRIX:

☐ Air ☒ Soil/Sediment ☐ Groundwater ☐ Surface Water ☐ Wastewater ☐ Other ____________

CASE NO.	SDG NO.	SAMPLE NO.	CHECK FOR MS/MD	TYPE OF SAMPLE
5HS918	24310C	HC4SC10	☐ This sample	☒ Grab ☐ Composite ☐ Term ____ hours

☐ Check if there will be more samples with this SDG sent in this calendar week.

SAMPLING POINT:

Report via Category B, unless checked ☐
Check if field duplicate ☐ Outfall Number
Check if sampling is part of inspection ☐
FLOW: ________ GPD ________ MGD
SPDES NUMBER/REGISTRY NUMBER

74-15-1 (9/97)—q

SEND THIS SHEET WITH SAMPLE TO CONTACT LAB

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

CONTRACT LAB SAMPLE INFORMATION SHEET

Print Legibly

Part 3

CAUTION (check if applicable)

☐ Lab personnel are expected to use caution when handling DEC samples, however, please use special caution when handling this sample since it is believed to contain significant concentrations of hazardous and/or toxic materials(s)

CHECK THE BOX PRECEDING THE REQUESTED ANALYSIS

PRIORITY POLLUTANTS (Water Part 136)—SPDES

☐ 2. 13PP Metals
☐ 3. Volatiles—(USEPA 624 GC/MS)
☐ 6. Pesticides/PCBs (USEPA 608-GC)
☐ 4. Acids Base/Neutrals (USEPA 624 GC/MS)
☐ 5. Cyanide
☐ 9. BOD
☐ 7. Halogenated Volatiles (USEPA 601 GC)
☐ 8. Aromatic Volatiles USEPA 602 GC)
☐ 12. TSS
☐ 10. pH
☐ 11. COD
☐ 15. Ammonia
☐ 13. Settleable Solids
☐ 14. TKN
☐ 18. Reactive Phosphorus
☐ 16. Nitrate/Nitrite
☐ 17. Total Phosphorus
☐ 21. Total Phenols
☐ 19. Oil/Grease)
☐ 20. TOC
☐ 60. PCBs congener method (ASP 91-11)
☐ 22. Other ______
☐ 59. PCBs at 0.065 ug/l
☐ 64. Total Solids
☐ 62. CBOD
☐ 65. Volatiles (USEPA 524.2 GC/MS)

CONTRACT LABORATORY PROTOCOLS

☐ 23 (ALL)—Water—Includes 24-28
☐ 29. (ALL)—Soil/Sediments—Includes 30-34
☐ 24 Base/Neutral/Acid (B/N/A)—Water—GC/MS (ASP #95-2)
☐ 30. (B/N/A)—Soil/Sediments—GC/MS (ASP #95-2)
☐ 25 Volatile Organic Analysis VOA—Water—GC/MS (ASP #95-1)
☐ 31. VOA—Soil/Sediments—GC/MS (ASP #95-1)
☐ 26 Pesticides/PCBs—Water—GC/MS (ASP #95-3)
☐ 32. Pesticides/PCBs—Soil/Sediments—GC (ASP #95-3)
☐ 27 Metals—23 in Water
☐ 33. Metals—23 in Soil/Sediments)
☐ 28 Cyanide—Water
☐ 34. Cyanide—Soil/Sediments)
☐ 66 Dioxin-Water (ASP #91-7)
☐ 67. Dioxin-Soil/Sediments (ASP #91-7)
☐ 35 Other ______

HAZARDOUS WASTES/RCRA ANALYSIS SW-846

☐ 36. EP Toxicity
☐ 37. EP Toxicity (Metals Only)
☐ 38. Ignitability
☐ 39. Corrosivity
☒ 40. VOA—(USEPA 8260 GC/MS)
☒ 41. BNA—(USEPA 8270 GC/MS)
☒ 42. Pesticides/PCBs (USEPA 8081)
☐ 43. TCLP
☐ 44. TCLP (Metals Only)
☐ 45. Reactivity
☐ 46. Dioxin (USEPA 8280)
☐ 47. Appendix IX
☐ 48. Other ______
☐ 63 Percent Solids
☒ 68. Metals—17 Hazardous

MUNICIPAL SLUDGE

☐ 56. RS-01 ☐ 57. RS-02 ☐ 58. Other ______

COLLECTED BY:	TELEPHONE NUMBER:	REGION NO.:
Russ Mulvey	518 897-1242	5

CONTRACT LABORATORY:	COUNTY:	SAMPLING DATE:	MILITARY TIME:
RECRA	Wash.	1/30/98	1400

SAMPLE MATRIX:
☐ Air ☐ Soil/Sediment ☐ Groundwater ☒ Surface Water ☐ Wastewater ☐ Other ______

CASE NO.	SDG NO.	SAMPLE NO.	CHECK FOR MS/MD	TYPE OF SAMPLE
5145798	941310C	4C3564P	☐ This sample	☐ Grab ☐ Composite ☐ Term ___ hours

☐ Check if there will be more samples with this SDG sent in this calendar week.

SAMPLING POINT:

Report via Category B, unless checked ☐
Check if field duplicate ☐ Outfall Number
Check if sampling is part of inspection ☐
FLOW: ______ GPD ______ MGD

SPDES NUMBER/REGISTRY NUMBER

74-15-1 (9/97)—q

SEND THIS SHEET WITH SAMPLE TO CONTACT LAB

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

CONTRACT LAB SAMPLE INFORMATION SHEET

Print Legibly

Part 3

CAUTION (check if applicable)

☐ Lab personnel are expected to use caution when handling DEC samples, however, please use special caution when handling this sample since it is believed to contain significant concentrations of hazardous and/or toxic materials(s)

CHECK THE BOX PRECEDING THE REQUESTED ANALYSIS

PRIORITY POLLUTANTS (Water Part 136)—SPDES

☐ 2. 13PP Metals
☐ 4. Acids Base/Neutrals (USEPA 624 GC/MS)
☐ 7. Halogenated Volatiles (USEPA 601 GC)
☐ 10. pH
☐ 13. Settleable Solids
☐ 16. Nitrate/Nitrite
☐ 19. Oil/Grease)
☐ 22. Other ______
☐ 3. Volatiles—(USEPA 624 GC/MS)
☐ 5. Cyanide
☐ 8. Aromatic Volatiles USEPA 602 GC)
☐ 11. COD
☐ 14. TKN
☐ 17. Total Phosphorus
☐ 20. TOC
☐ 59. PCBs at 0.065 ug/l
☐ 62. CBOD
☐ 6. Pesticides/PCBs (USEPA 608-GC)
☐ 9. BOD
☐ 12. TSS
☐ 15. Ammonia
☐ 18. Reactive Phosphorus
☐ 21. Total Phenols
☐ 60. PCBs congener method (ASP 91-11)
☐ 64. Total Solids
☐ 65. Volatiles (USEPA 524.2 GC/MS)

CONTRACT LABORATORY PROTOCOLS

☐ 23 (ALL)—Water—Includes 24-28
☐ 24 Base/Neutral/Acid (B/N/A)—Water—GC/MS (ASP #95-2)
☐ 25 Volatile Organic Analysis VOA—Water—GC/MS (ASP #95-1)
☐ 26 Pesticides/PCBs—Water—GC/MS (ASP #95-3)
☐ 27 Metals—23 in Water
☐ 28 Cyanide—Water
☐ 66 Dioxin-Water (ASP #91-7)
☐ 35 Other ______
☐ 29. (ALL)—Soil/Sediments—Includes 30-34
☐ 30. (B/N/A)—Soil/Sediments—GC/MS (ASP #95-2)
☐ 31. VOA—Soil/Sediments—GC/MS (ASP #95-1)
☐ 32. Pesticides/PCBs—Soil/Sediments—GC (ASP #95-3)
☐ 33. Metals—23 in Soil/Sediments)
☐ 34. Cyanide—Soil/Sediments)
☐ 67. Dioxin-Soil/Sediments (ASP #91-7)

HAZARDOUS WASTES/RCRA ANALYSIS SW-846

☐ 36. EP Toxicity
☐ 39. Corrosivity
☒ 42. Pesticides/PCBs (USEPA 8081)
☐ 45. Reactivity
☐ 48. Other ______
☐ 37. EP Toxicity (Metals Only)
☒ 40. VOA—(USEPA 8260 GC/MS)
☐ 43. TCLP
☐ 46. Dioxin (USEPA 8280)
☐ 63 Percent Solids
☐ 38. Ignitability
☒ 41. BNA—(USEPA 8270 GC/MS)
☐ 44. TCLP (Metals Only)
☐ 47. Appendix IX
☒ 68. Metals—17 Hazardous

MUNICIPAL SLUDGE

☐ 56. RS-01 ☐ 57. RS-02 ☐ 58. Other ______

COLLECTED BY:	TELEPHONE NUMBER:	REGION NO.:
Russ Mulvey	(518) 897-1242	5

CONTRACT LABORATORY:	COUNTY:	SAMPLING DATE:	MILITARY TIME:
RECRA	Wash	4/30/98	1400

SAMPLE MATRIX:

☐ Air ☒ Soil/Sediment ☐ Groundwater ☐ Surface Water ☐ Wastewater ☐ Other ______

CASE NO.	SDG NO.	SAMPLE NO.	CHECK FOR MS/MD	TYPE OF SAMPLE
2115918	04130C	4435FD	☐ This sample	☒ Grab ☐ Composite ☐ Term ____ hours

☐ Check if there will be more samples with this SDG sent in this calendar week.

SAMPLING POINT:

Report via Category B, unless checked ☐

Check if field duplicate ☐ Outfall Number

Check if sampling is part of inspection ☐

FLOW: ______ GPD ______ MGD

SPDES NUMBER/REGISTRY NUMBER

74-15-1 (9/97)—q

SEND THIS SHEET WITH SAMPLE TO CONTACT LAB

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

CONTRACT LAB SAMPLE INFORMATION SHEET

Print Legibly

Part 3

CAUTION (check if applicable)

☐ Lab personnel are expected to use caution when handling DEC samples, however, please use special caution when handling this sample since it is believed to contain significant concentrations of hazardous and/or toxic materials(s)

CHECK THE BOX PRECEDING THE REQUESTED ANALYSIS

PRIORITY POLLUTANTS (Water Part 136)—SPDES

☐ 2. 13PP Metals
☐ 3. Volatiles—(USEPA 624 GC/MS)
☐ 6. Pesticides/PCBs (USEPA 608-GC)
☐ 4. Acids Base/Neutrals (USEPA 624 GC/MS)
☐ 5. Cyanide
☐ 9. BOD
☐ 7. Halogenated Volatiles (USEPA 601 GC)
☐ 8. Aromatic Volatiles USEPA 602 GC)
☐ 12. TSS
☐ 10. pH
☐ 11. COD
☐ 15. Ammonia
☐ 13. Settleable Solids
☐ 14. TKN
☐ 18. Reactive Phosphorus
☐ 16. Nitrate/Nitrite
☐ 17. Total Phosphorus
☐ 21. Total Phenols
☐ 19. Oil/Grease)
☐ 20. TOC
☐ 60. PCBs congener method (ASP 91-11)
☐ 22. Other ____
☐ 59. PCBs at 0.065 ug/l
☐ 64. Total Solids
☐ 62. CBOD
☐ 65. Volatiles (USEPA 524.2 GC/MS)

CONTRACT LABORATORY PROTOCOLS

☐ 23 (ALL)—Water—Includes 24-28
☐ 29. (ALL)—Soil/Sediments—Includes 30-34
☐ 24 Base/Neutral/Acid (B/N/A)—Water—GC/MS (ASP #95-2)
☐ 30. (B/N/A)—Soil/Sediments—GC/MS (ASP #95-2)
☐ 25 Volatile Organic Analysis VOA—Water—GC/MS (ASP #95-1)
☐ 31. VOA—Soil/Sediments—GC/MS (ASP #95-1)
☐ 26 Pesticides/PCBs—Water—GC/MS (ASP #95-3)
☐ 32. Pesticides/PCBs—Soil/Sediments—GC (ASP #95-3)
☐ 27 Metals—23 in Water
☐ 33. Metals—23 in Soil/Sediments)
☐ 28 Cyanide—Water
☐ 34. Cyanide—Soil/Sediments)
☐ 66 Dioxin-Water (ASP #91-7)
☐ 67. Dioxin-Soil/Sediments (ASP #91-7)
☐ 35 Other ____

HAZARDOUS WASTES/RCRA ANALYSIS SW-846

☐ 36. EP Toxicity
☐ 37. EP Toxicity (Metals Only)
☐ 38. Ignitability
☐ 39. Corrosivity
☒ 40. VOA—(USEPA 8260 GC/MS)
☒ 41. BNA—(USEPA 8270 GC/MS)
☒ 42. Pesticides/PCBs (USEPA 8081)
☐ 43. TCLP
☐ 44. TCLP (Metals Only)
☐ 45. Reactivity
☐ 46. Dioxin (USEPA 8280)
☐ 47. Appendix IX
☐ 48. Other ____
☐ 63 Percent Solids
☒ 68. Metals—17 Hazardous

MUNICIPAL SLUDGE

☐ 56. RS-01 ☐ 57. RS-02 ☐ 58. Other ____

COLLECTED BY: Russ Mulvey	TELEPHONE NUMBER: (518)897-1242		REGION NO.: 5
CONTRACT LABORATORY: RECRA	COUNTY: Washi	SAMPLING DATE: 4/30/98	MILITARY TIME: 1400

SAMPLE MATRIX:

☐ Air ☐ Soil/Sediment ☐ Groundwater ☒ Surface Water ☐ Wastewater ☐ Other ____

CASE NO.	SDG NO.	SAMPLE NO.	CHECK FOR MS/MD	TYPE OF SAMPLE
5H5413	2H130C	HCH15W	☐ This sample	☒ Grab ☐ Composite ☐ Term ____ hours

☐ Check if there will be more samples with this SDG sent in this calendar week.

SAMPLING POINT:

Report via Category B, unless checked ☐

Check if field duplicate ☐ Outfall Number

Check if sampling is part of inspection ☐

FLOW: ____ GPD ____ MGD

SPDES NUMBER/REGISTRY NUMBER

74-15-1 (9/97)—q

SEND THIS SHEET WITH SAMPLE TO CONTACT LAB

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

CONTRACT LAB SAMPLE INFORMATION SHEET

Print Legibly

Part 3

CAUTION (check if applicable)

☐ Lab personnel are expected to use caution when handling DEC samples, however, please use special caution when handling this sample since it is believed to contain significant concentrations of hazardous and/or toxic materials(s)

CHECK THE BOX PRECEDING THE REQUESTED ANALYSIS

PRIORITY POLLUTANTS (Water Part 136)—SPDES

☐ 2. 13PP Metals
☐ 3. Volatiles—(USEPA 624 GC/MS)
☐ 6. Pesticides/PCBs (USEPA 608-GC)
☐ 4. Acids Base/Neutrals (USEPA 624 GC/MS)
☐ 5. Cyanide
☐ 9. BOD
☐ 7. Halogenated Volatiles (USEPA 601 GC)
☐ 8. Aromatic Volatiles USEPA 602 GC)
☐ 12. TSS
☐ 10. pH
☐ 11. COD
☐ 15. Ammonia
☐ 13. Settleable Solids
☐ 14. TKN
☐ 18. Reactive Phosphorus
☐ 16. Nitrate/Nitrite
☐ 17. Total Phosphorus
☐ 21. Total Phenols
☐ 19. Oil/Grease)
☐ 20. TOC
☐ 60. PCBs congener method (ASP 91-11)
☐ 22. Other _____
☐ 59. PCBs at 0.065 ug/l
☐ 64. Total Solids
☐ 62. CBOD
☐ 65. Volatiles (USEPA 524.2 GC/MS)

CONTRACT LABORATORY PROTOCOLS

☐ 23 (ALL)—Water—Includes 24-28
☐ 29. (ALL)—Soil/Sediments—Includes 30-34
☐ 24 Base/Neutral/Acid (B/N/A)—Water—GC/MS (ASP #95-2)
☐ 30. (B/N/A)—Soil/Sediments—GC/MS (ASP #95-2)
☐ 25 Volatile Organic Analysis VOA—Water—GC/MS (ASP #95-1)
☐ 31. VOA—Soil/Sediments—GC/MS (ASP #95-1)
☐ 26 Pesticides/PCBs—Water—GC/MS (ASP #95-3)
☐ 32. Pesticides/PCBs—Soil/Sediments—GC (ASP #95-3)
☐ 27 Metals—23 in Water
☐ 33. Metals—23 in Soil/Sediments)
☐ 28 Cyanide—Water
☐ 34. Cyanide—Soil/Sediments)
☐ 66 Dioxin-Water (ASP #91-7)
☐ 67. Dioxin-Soil/Sediments (ASP #91-7)
☐ 35 Other _____

HAZARDOUS WASTES/RCRA ANALYSIS SW-846

☐ 36. EP Toxicity
☐ 37. EP Toxicity (Metals Only)
☐ 38. Ignitability
☐ 39. Corrosivity
☒ 40. VOA—(USEPA 8260 GC/MS)
☒ 41. BNA—(USEPA 8270 GC/MS)
☒ 42. Pesticides/PCBs (USEPA 8081)
☐ 43. TCLP
☐ 44. TCLP (Metals Only)
☐ 45. Reactivity
☐ 46. Dioxin (USEPA 8280)
☐ 47. Appendix IX
☐ 48. Other _____
☐ 63 Percent Solids
☒ 68. Metals—17 Hazardous

MUNICIPAL SLUDGE

☐ 56. RS-01 ☐ 57. RS-02 ☐ 58. Other _____

COLLECTED BY:	TELEPHONE NUMBER:	REGION NO.:
Russ Mulay	(518) 897-1242	5

CONTRACT LABORATORY:	COUNTY:	SAMPLING DATE:	MILITARY TIME:
RECRA	Wash	4/30/98	1400

SAMPLE MATRIX:

☐ Air ☒ Soil/Sediment ☐ Groundwater ☐ Surface Water ☐ Wastewater ☐ Other _____

CASE NO.	SDG NO.	SAMPLE NO.	CHECK FOR MS/MD	TYPE OF SAMPLE
21171	04301C	AC45ED	☐ This sample	☒ Grab ☐ Composite ☐ Term _____ hours

☐ Check if there will be more samples with this SDG sent in this calendar week.

SAMPLING POINT:

Report via Category B, unless checked ☐

Check if field duplicate ☐ Outfall Number

Check if sampling is part of inspection ☐

FLOW: _____ GPD _____ MGD

SPDES NUMBER/REGISTRY NUMBER

74-15-1 (9/97)—q

SEND THIS SHEET WITH SAMPLE TO CONTACT LAB

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

CONTRACT LAB SAMPLE INFORMATION SHEET

Print Legibly

Part 3

CAUTION (check if applicable)

☐ Lab personnel are expected to use caution when handling DEC samples, however, please use special caution when handling this sample since it is believed to contain significant concentrations of hazardous and/or toxic materials(s)

CHECK THE BOX PRECEDING THE REQUESTED ANALYSIS

PRIORITY POLLUTANTS (Water Part 136)—SPDES

☐ 2. 13PP Metals
☐ 4. Acids Base/Neutrals (USEPA 624 GC/MS)
☐ 7. Halogenated Volatiles (USEPA 601 GC)
☐ 10. pH
☐ 13. Settleable Solids
☐ 16. Nitrate/Nitrite
☐ 19. Oil/Grease)
☐ 22. Other ______
☐ 3. Volatiles—(USEPA 624 GC/MS)
☐ 5. Cyanide
☐ 8. Aromatic Volatiles USEPA 602 GC)
☐ 11. COD
☐ 14. TKN
☐ 17. Total Phosphorus
☐ 20. TOC
☐ 59. PCBs at 0.065 ug/l
☐ 62. CBOD
☐ 6. Pesticides/PCBs (USEPA 608-GC)
☐ 9. BOD
☐ 12. TSS
☐ 15. Ammonia
☐ 18. Reactive Phosphorus
☐ 21. Total Phenols
☐ 60. PCBs congener method (ASP 91-11)
☐ 64. Total Solids
☐ 65. Volatiles (USEPA 524.2 GC/MS)

CONTRACT LABORATORY PROTOCOLS

☐ 23 (ALL)—Water—Includes 24-28
☐ 24 Base/Neutral/Acid (B/N/A)—Water—GC/MS (ASP #95-2)
☐ 25 Volatile Organic Analysis VOA—Water—GC/MS (ASP #95-1)
☐ 26 Pesticides/PCBs—Water—GC/MS (ASP #95-3)
☐ 27 Metals—23 in Water
☐ 28 Cyanide—Water
☐ 66 Dioxin-Water (ASP #91-7)
☐ 35 Other ______
☐ 29. (ALL)—Soil/Sediments—Includes 30-34
☐ 30. (B/N/A)—Soil/Sediments—GC/MS (ASP #95-2)
☐ 31. VOA—Soil/Sediments—GC/MS (ASP #95-1)
☐ 32. Pesticides/PCBs—Soil/Sediments—GC (ASP #95-3)
☐ 33. Metals—23 in Soil/Sediments)
☐ 34. Cyanide—Soil/Sediments)
☐ 67. Dioxin-Soil/Sediments (ASP #91-7)

HAZARDOUS WASTES/RCRA ANALYSIS SW-846

☐ 36. EP Toxicity
☐ 39. Corrosivity
☒ 42. Pesticides/PCBs (USEPA 8081)
☐ 45. Reactivity
☐ 48. Other ______
☐ 37. EP Toxicity (Metals Only)
☒ 40. VOA—(USEPA 8260 GC/MS)
☐ 43. TCLP
☐ 46. Dioxin (USEPA 8280)
☐ 63 Percent Solids
☐ 38. Ignitability
☒ 41. BNA—(USEPA 8270 GC/MS)
☐ 44. TCLP (Metals Only)
☐ 47. Appendix IX
☒ 68. Metals—17 Hazardous

MUNICIPAL SLUDGE

☐ 56. RS-01 ☐ 57. RS-02 ☐ 58. Other ______

COLLECTED BY:	TELEPHONE NUMBER:	REGION NO.:
Russ Mulvey	(518) 897-1242	5

CONTRACT LABORATORY:	COUNTY:	SAMPLING DATE:	MILITARY TIME:
RECRA	Wash.	4/30/98	1430

SAMPLE MATRIX:

☐ Air ☐ Soil/Sediment ☐ Groundwater ☒ Surface Water ☐ Wastewater ☐ Other ______

CASE NO.	SDG NO.	SAMPLE NO.	CHECK FOR MS/MD	TYPE OF SAMPLE
14591	8043010	H4 5514	☐ This sample	☒ Grab ☐ Composite ☐ Term ____ hours

☐ Check if there will be more samples with this SDG sent in this calendar week.

SAMPLING POINT:

Report via Category B, unless checked ☐

Check if field duplicate ☐ Outfall Number

Check if sampling is part of inspection ☐

FLOW: ______ GPD ______ MGD

SPDES NUMBER/REGISTRY NUMBER

74-15-1 (9/97)—q

SEND THIS SHEET WITH SAMPLE TO CONTACT LAB

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

CONTRACT LAB SAMPLE INFORMATION SHEET

Print Legibly

Part 3

CAUTION (check if applicable)

☐ Lab personnel are expected to use caution when handling DEC samples, however, please use special caution when handling this sample since it is believed to contain significant concentrations of hazardous and/or toxic materials(s)

CHECK THE BOX PRECEDING THE REQUESTED ANALYSIS

PRIORITY POLLUTANTS (Water Part 136)—SPDES

☐ 2. 13PP Metals
☐ 4. Acids Base/Neutrals (USEPA 624 GC/MS)
☐ 7. Halogenated Volatiles (USEPA 601 GC)
☐ 10. pH
☐ 13. Settleable Solids
☐ 16. Nitrate/Nitrite
☐ 19. Oil/Grease)
☐ 22. Other ____
☐ 3. Volatiles—(USEPA 624 GC/MS)
☐ 5. Cyanide
☐ 8. Aromatic Volatiles USEPA 602 GC)
☐ 11. COD
☐ 14. TKN
☐ 17. Total Phosphorus
☐ 20. TOC
☐ 59. PCBs at 0.065 ug/l
☐ 62. CBOD
☐ 6. Pesticides/PCBs (USEPA 608-GC)
☐ 9. BOD
☐ 12. TSS
☐ 15. Ammonia
☐ 18. Reactive Phosphorus
☐ 21. Total Phenols
☐ 60. PCBs congener method (ASP 91-11)
☐ 64. Total Solids
☐ 65. Volatiles (USEPA 524.2 GC/MS)

CONTRACT LABORATORY PROTOCOLS

☐ 23 (ALL)—Water—Includes 24-28
☐ 24 Base/Neutral/Acid (B/N/A)—Water—GC/MS (ASP #95-2)
☐ 25 Volatile Organic Analysis VOA—Water—GC/MS (ASP #95-1)
☐ 26 Pesticides/PCBs—Water—GC/MS (ASP #95-3)
☐ 27 Metals—23 in Water
☐ 28 Cyanide—Water
☐ 66 Dioxin-Water (ASP #91-7)
☐ 35 Other ____
☐ 29. (ALL)—Soil/Sediments—Includes 30-34
☐ 30. (B/N/A)—Soil/Sediments—GC/MS (ASP #95-2)
☐ 31. VOA—Soil/Sediments—GC/MS (ASP #95-1)
☐ 32. Pesticides/PCBs—Soil/Sediments—GC (ASP #95-3)
☐ 33. Metals—23 in Soil/Sediments)
☐ 34. Cyanide—Soil/Sediments)
☐ 67. Dioxin-Soil/Sediments (ASP #91-7)

HAZARDOUS WASTES/RCRA ANALYSIS SW-846

☐ 36. EP Toxicity
☐ 39. Corrosivity
☒ 42. Pesticides/PCBs (USEPA 8081)
☐ 45. Reactivity
☐ 48. Other ____
☐ 37. EP Toxicity (Metals Only)
☒ 40. VOA—(USEPA 8260 GC/MS)
☐ 43. TCLP
☐ 46. Dioxin (USEPA 8280)
☐ 63 Percent Solids
☐ 38. Ignitability
☒ 41. BNA—(USEPA 8270 GC/MS)
☐ 44. TCLP (Metals Only)
☐ 47. Appendix IX
☒ 68. Metals—17 Hazardous

MUNICIPAL SLUDGE

☐ 56. RS-01 ☐ 57. RS-02 ☐ 58. Other ____

COLLECTED BY:	TELEPHONE NUMBER:	REGION NO.:
Russ Mulvey	518 397-1242	5

CONTRACT LABORATORY:	COUNTY:	SAMPLING DATE:	MILITARY TIME:
RECRA	Wash.	4/30/98	14:30

SAMPLE MATRIX:

☐ Air ☒ Soil/Sediment ☐ Groundwater ☐ Surface Water ☐ Wastewater ☐ Other ____

CASE NO.	SDG NO.	SAMPLE NO.	CHECK FOR MS/MD	TYPE OF SAMPLE
5H5 9 B	0 4 3 0 C	HC 5 5 E 0	☐ This sample	☒ Grab ☐ Composite ☐ Term ____ hours

☐ Check if there will be more samples with this SDG sent in this calendar week.

SAMPLING POINT:

Report via Category B, unless checked ☐
Check if field duplicate ☐ Outfall Number
Check if sampling is part of inspection ☐
FLOW: ____ GPD ____ MGD

SPDES NUMBER/REGISTRY NUMBER

	Cust ID:	SH598-0430-T B1		SH598-0430-C HC10SW		SH598-0430-C HC10SED		SH598-0430-C HC1SW		SH598-0430-C HC1SED		SH598-0430-C HC2SW	
Sample Information	RFW#:	009		010		011		012		013		014	
	Matrix:	WATER		WATER		SEDIMENT		WATER		SEDIMENT		WATER	
	D.F.:	1.00		1.00		0.980		1.00		1.02		1.00	
	Units:	UG/L		UG/L		UG/KG		UG/L		UG/KG		UG/L	
Surrogate Recovery	Toluene-d8	101	%	103	%	114	%	99	%	112	%	101	%
	Bromofluorobenzene	94	%	98	%	89	%	93	%	94	%	95	%
	1,2-Dichloroethane-d4	93	%	98	%	96	%	86	%	97	%	90	%
Chloromethane		10	U	10	U	13	U	10	U	13	U	10	U
Bromomethane		10	U	10	U	13	U	10	U	13	U	10	U
Vinyl Chloride		10	U	10	U	13	U	10	U	13	U	10	U
Chloroethane		10	U	10	U	13	U	10	U	13	U	10	U
Methylene Chloride		2	JB	2	JB	2	JB	5	U	3	JB	3	JB
Acetone		5	JB	3	JB	41	B	4	JB	13	U	10	U
Carbon Disulfide		5	U	5	U	6	U	5	U	6	U	5	U
1,1-Dichloroethene		5	U	5	U	6	U	5	U	6	U	5	U
1,1-Dichloroethane		5	U	5	U	6	U	5	U	6	U	5	U
1,2-Dichloroethene (total)		5	U	5	U	6	U	5	U	6	U	5	U
Chloroform		5	U	5	U	6	U	5	U	6	U	5	U
1,2-Dichloroethane		5	U	5	U	6	U	5	U	6	U	5	U
2-Butanone		5	JB	3	JB	13		4	J	4	J	4	J
1,1,1-Trichloroethane		5	U	5	U	6	U	5	U	6	U	5	U
Carbon Tetrachloride		5	U	5	U	6	U	5	U	6	U	5	U
Bromodichloromethane		5	U	5	U	6	U	5	U	6	U	5	U
1,2-Dichloropropane		5	U	5	U	6	U	5	U	6	U	5	U
cis-1,3-Dichloropropene		5	U	5	U	6	U	5	U	6	U	5	U
Trichloroethene		5	U	5	U	6	U	5	U	3	J	5	U
Dibromochloromethane		5	U	5	U	6	U	5	U	6	U	5	U
1,1,2-Trichloroethane		5	U	5	U	6	U	5	U	6	U	5	U
Benzene		5	U	5	U	6	U	5	U	6	U	5	U
Trans-1,3-Dichloropropene		5	U	5	U	6	U	5	U	6	U	5	U
Bromoform		5	U	5	U	6	U	5	U	6	U	5	U
4-Methyl-2-pentanone		10	U	10	U	13	U	10	U	13	U	10	U
2-Hexanone		10	U	10	U	13	U	10	U	13	U	10	U
Tetrachloroethene		5	U	5	U	6	U	5	U	6	U	5	U
1,1,2,2-Tetrachloroethane		5	U	5	U	6	U	5	U	6	U	5	U
Toluene		5	U	5	U	6	U	5	U	6	U	5	U

*= Outside of EPA CLP QC limits.

Cust ID:	SH598-0430-T	SH598-0430-C	SH598-0430-C	SH598-0430-C	SH598-0430-C	SH598-0430-C
	B1	HC10SW	HC10SED	HC1SW	HC1SED	HC2SW
RFW#:	009	010	011	012	013	014
Chlorobenzene	5 U	5 U	6 U	5 U	6 U	5 U
Ethylbenzene	5 U	5 U	6 U	5 U	6 U	5 U
Styrene	5 U	5 U	6 U	5 U	6 U	5 U
Xylene (total)	5 U	5 U	6 U	5 U	6 U	5 U

*= Outside of EPA CLP QC limits.

Sample Information	Cust ID:	SH598-0430-C HC2SED		SH598-0430-C HC3SW		SH598-0430-C HC3SED		SH598-0430-C HC4SW		SH598-0430-C HC4SED		SH598-0430-C HC4SED	
	RFW#:	015		016		017		018		019		019	
	Matrix:	SEDIMENT		WATER		SEDIMENT		WATER		SEDIMENT		SEDIMENT	
	D.F.:	1.04		1.00		1.00		1.00		1.00		0.962	
	Units:	UG/KG		UG/L		UG/KG		UG/L		UG/KG		UG/KG REPREP	
Surrogate Recovery	Toluene-d8	108	%	99	%	107	%	101	%	118 *	%	116	%
	Bromofluorobenzene	84	%	94	%	83	%	96	%	78	%	78	%
	1,2-Dichloroethane-d4	95	%	84	%	100	%	88	%	101	%	93	%
Chloromethane		13	U	10	U	12	U	10	U	26	U	25	U
Bromomethane		13	U	10	U	12	U	10	U	26	U	25	U
Vinyl Chloride		13	U	10	U	12	U	10	U	26	U	25	U
Chloroethane		13	U	10	U	12	U	10	U	26	U	25	U
Methylene Chloride		3	JB	3	JB	4	JB	3	JB	7	JB	9	JB
Acetone		15	B	10	U	3	JB	7	JB	300	B	130	B
Carbon Disulfide		6	U	5	U	6	U	5	U	13	U	12	U
1,1-Dichloroethene		6	U	5	U	6	U	5	U	13	U	12	U
1,1-Dichloroethane		6	U	5	U	6	U	5	U	13	U	12	U
1,2-Dichloroethene (total)		6	U	5	U	6	U	5	U	13	U	12	U
Chloroform		6	U	5	U	6	U	5	U	13	U	12	U
1,2-Dichloroethane		6	U	5	U	6	U	5	U	13	U	12	U
2-Butanone		8	J	4	J	12	U	4	J	66		34	
1,1,1-Trichloroethane		6	U	5	U	6	U	5	U	13	U	12	U
Carbon Tetrachloride		6	U	5	U	6	U	5	U	13	U	12	U
Bromodichloromethane		6	U	5	U	6	U	5	U	13	U	12	U
1,2-Dichloropropane		6	U	5	U	6	U	5	U	13	U	12	U
cis-1,3-Dichloropropene		6	U	5	U	6	U	5	U	13	U	12	U
Trichloroethene		3	J	5	U	8		5	U	13	U	12	U
Dibromochloromethane		6	U	5	U	6	U	5	U	13	U	12	U
1,1,2-Trichloroethane		6	U	5	U	6	U	5	U	13	U	12	U
Benzene		6	U	5	U	6	U	5	U	13	U	12	U
Trans-1,3-Dichloropropene		6	U	5	U	6	U	5	U	13	U	12	U
Bromoform		6	U	5	U	6	U	5	U	13	U	12	U
4-Methyl-2-pentanone		13	U	10	U	12	U	10	U	26	U	25	U
2-Hexanone		13	U	10	U	12	U	10	U	26	U	25	U
Tetrachloroethene		6	U	5	U	6	U	5	U	13	U	12	U
1,1,2,2-Tetrachloroethane		6	U	5	U	6	U	5	U	13	U	12	U
Toluene		6	U	5	U	6	U	5	U	13	U	12	U

*= Outside of EPA CLP QC limits.

Cust ID:	SH598-0430-C		SH598-0430-C		SH598-0430-C		SH598-0430-C		SH598-0430-C		SH598-0430-C	
	HC2SED		HC3SW		HC3SED		HC4SW		HC4SED		HC4SED	
RFW#:	015		016		017		018		019		019 REPREP	
Chlorobenzene	6	U	5	U	6	U	5	U	13	U	12	U
Ethylbenzene	6	U	5	U	6	U	5	U	13	U	12	U
Styrene	6	U	5	U	6	U	5	U	13	U	12	U
Xylene (total)	6	U	5	U	6	U	5	U	13	U	12	U

*= Outside of EPA CLP QC limits.

Sample Information	Cust ID:	SH598-0430-C HC5SW		SH598-0430-C HC5SED		VBLKVG		VBLKVG BS		VBLKVH		VBLKVH BS	
	RFW#:	020		021		98LVX259-MB1		98LVX259-MB1		98LVX261-MB1		98LVX261-MB1	
	Matrix:	WATER		SEDIMENT		WATER		WATER		SOIL		SOIL	
	D.F.:	1.00		1.02		1.00		1.00		1.00		1.00	
	Units:	UG/L		UG/KG		UG/L		UG/L		UG/KG		UG/KG	
Surrogate Recovery	Toluene-d8	100	%	103	%	99	%	105	%	99	%	109	%
	Bromofluorobenzene	94	%	95	%	97	%	102	%	96	%	95	%
	1,2-Dichloroethane-d4	89	%	94	%	94	%	94	%	91	%	92	%
Chloromethane		10	U	13	U	10	U	10	U	10	U	10	U
Bromomethane		10	U	13	U	10	U	10	U	1	J	10	U
Vinyl Chloride		10	U	13	U	10	U	10	U	10	U	10	U
Chloroethane		10	U	13	U	10	U	10	U	10	U	10	U
Methylene Chloride		3	JB	3	JB	2	J	3	JB	3	J	5	U
Acetone		3	JB	13	U	2	J	5	JB	2	J	10	U
Carbon Disulfide		5	U	6	U	5	U	5	U	5	U	5	U
1,1-Dichloroethene		5	U	6	U	5	U	126	%	5	U	97	%
1,1-Dichloroethane		5	U	6	U	5	U	5	U	5	U	5	U
1,2-Dichloroethene (total)		5	U	6	U	5	U	5	U	5	U	5	U
Chloroform		5	U	6	U	5	U	5	U	5	U	5	U
1,2-Dichloroethane		5	U	6	U	5	U	5	U	5	U	5	U
2-Butanone		5	J	4	J	2	J	10	U	3	J	10	U
1,1,1-Trichloroethane		5	U	6	U	5	U	5	U	5	U	5	U
Carbon Tetrachloride		5	U	6	U	5	U	5	U	5	U	5	U
Bromodichloromethane		5	U	6	U	5	U	5	U	5	U	5	U
1,2-Dichloropropane		5	U	6	U	5	U	5	U	5	U	5	U
cis-1,3-Dichloropropene		5	U	6	U	5	U	5	U	5	U	5	U
Trichloroethene		5	U	3	J	5	U	89	%	5	U	94	%
Dibromochloromethane		5	U	6	U	5	U	5	U	5	U	5	U
1,1,2-Trichloroethane		5	U	6	U	5	U	5	U	5	U	5	U
Benzene		5	U	6	U	5	U	99	%	5	U	99	%
Trans-1,3-Dichloropropene		5	U	6	U	5	U	5	U	5	U	5	U
Bromoform		5	U	6	U	5	U	5	U	5	U	5	U
4-Methyl-2-pentanone		10	U	13	U	10	U	10	U	10	U	10	U
2-Hexanone		10	U	13	U	10	U	10	U	1	J	10	U
Tetrachloroethene		5	U	6	U	5	U	5	U	5	U	5	U
1,1,2,2-Tetrachloroethane		5	U	6	U	5	U	5	U	5	U	5	U
Toluene		5	U	6	U	5	U	101	%	5	U	108	%

*= Outside of EPA CLP QC limits.

Cust ID:	SH598-0430-C HC5SW	SH598-0430-C HC5SED	VBLKVG	VBLKVG BS	VBLKVH	VBLKVH BS
RFW#:	020	021	98LVX259-MB1	98LVX259-MB1	98LVX261-MB1	98LVX261-MB1
Chlorobenzene	5 U	6 U	5 U	100 %	5 U	97 %
Ethylbenzene	5 U	6 U	5 U	5 U	5 U	5 U
Styrene	5 U	6 U	5 U	5 U	5 U	5 U
Xylene (total)	5 U	6 U	5 U	5 U	5 U	5 U

*= Outside of EPA CLP QC limits.

Cust ID:	VBLKVK	VBLKOP	VBLKVJ	VBLKVI	
Sample Information	RFW#:	98LVX268-MB1	98LVX256-MB1	98LVX265-MB1	98LVX262-MB1
	Matrix:	SOIL	WATER	SOIL	WATER
	D.F.:	1.00	1.00	1.00	1.00
	Units:	UG/KG	UG/L	UG/KG	UG/L

	Toluene-d8	103 %	110 %	107 %	100 %			
Surrogate	Bromofluorobenzene	93 %	96 %	101 %	87 %			
Recovery	1,2-Dichloroethane-d4	95 %	92 %	96 %	89 %			
Chloromethane		2 J	10 U	2 J	10 U			
Bromomethane		10 U	10 U	10 U	10 U			
Vinyl Chloride		10 U	10 U	10 U	10 U			
Chloroethane		10 U	10 U	10 U	10 U			
Methylene Chloride		3 J	2 J	3 J	3 J			
Acetone		3 J	2 J	4 J	2 J			
Carbon Disulfide		5 U	5 U	5 U	5 U			
1,1-Dichloroethene		5 U	5 U	5 U	5 U			
1,1-Dichloroethane		5 U	5 U	5 U	5 U			
1,2-Dichloroethene (total)		5 U	5 U	5 U	5 U			
Chloroform		5 U	5 U	5 U	5 U			
1,2-Dichloroethane		5 U	5 U	5 U	5 U			
2-Butanone		10 U	10 U	10 U	10 U			
1,1,1-Trichloroethane		5 U	5 U	5 U	5 U			
Carbon Tetrachloride		5 U	5 U	5 U	5 U			
Bromodichloromethane		5 U	5 U	5 U	5 U			
1,2-Dichloropropane		5 U	5 U	5 U	5 U			
cis-1,3-Dichloropropene		5 U	5 U	5 U	5 U			
Trichloroethene		5 U	5 U	5 U	5 U			
Dibromochloromethane		5 U	5 U	5 U	5 U			
1,1,2-Trichloroethane		5 U	5 U	5 U	5 U			
Benzene		5 U	5 U	5 U	5 U			
Trans-1,3-Dichloropropene		5 U	5 U	5 U	5 U			
Bromoform		5 U	5 U	5 U	5 U			
4-Methyl-2-pentanone		10 U	10 U	10 U	10 U			
2-Hexanone		10 U	10 U	10 U	10 U			
Tetrachloroethene		5 U	5 U	5 U	5 U			
1,1,2,2-Tetrachloroethane		5 U	5 U	5 U	5 U			
Toluene		5 U	5 U	5 U	5 U			

*= Outside of EPA CLP QC limits.

Cust ID:	VBLKVK	VBLKOP	VBLKVJ	VBLKVI
RFW#:	98LVX268-MB1	98LVX256-MB1	98LVX265-MB1	98LVX262-MB1
Chlorobenzene	5 U	5 U	5 U	5 U
Ethylbenzene	5 U	5 U	5 U	5 U
Styrene	5 U	5 U	5 U	5 U
Xylene (total)	5 U	5 U	5 U	5 U

*= Outside of EPA CLP QC limits.

	Cust ID:	SH598-0430-C HC9SED		SH598-0430-C HC10SED		SH598-0430-C HC1SW		SH598-0430-C HC1SED		SH598-0430-C HC2SW		SH598-0430-C HC2SED	
Sample Information	RFW#:	007		011		012		013		014		015	
	Matrix:	SEDIMENT		SEDIMENT		WATER		SEDIMENT		WATER		SEDIMENT	
	D.F.:	1.00		1.00		1.00		1.00		1.00		1.00	
	Units:	UG/KG		UG/KG		UG/L		UG/KG		UG/L		UG/KG	
Surrogate Recovery	Nitrobenzene-d5	57	%	61	%	79	%	57	%	69	%	53	%
	2-Fluorobiphenyl	56	%	59	%	77	%	59	%	70	%	58	%
	Terphenyl-d14	67	%	72	%	102	%	73	%	84	%	71	%
	Phenol-d5	56	%	61	%	73	%	57	%	65	%	58	%
	2-Fluorophenol	51	%	58	%	71	%	55	%	67	%	55	%
	2,4,6-Tribromophenol	51	%	60	%	67	%	60	%	68	%	59	%
		fl		fl		fl		fl		fl		fl	
Phenol		450	U	440	U	11	U	430	U	11	U	430	U
bis(2-Chloroethyl)ether		450	U	440	U	11	U	430	U	11	U	430	U
2-Chlorophenol		450	U	440	U	11	U	430	U	11	U	430	U
1,3-Dichlorobenzene		450	U	440	U	11	U	430	U	11	U	430	U
1,4-Dichlorobenzene		450	U	440	U	11	U	430	U	11	U	430	U
1,2-Dichlorobenzene		450	U	440	U	11	U	430	U	11	U	430	U
2-Methylphenol		450	U	440	U	11	U	430	U	11	U	430	U
2,2'-oxybis(1-Chloropropane)		450	U	440	U	11	U	430	U	11	U	430	U
4-Methylphenol		450	U	440	U	11	U	430	U	11	U	430	U
N-Nitroso-di-n-propylamine		450	U	440	U	11	U	430	U	11	U	430	U
Hexachloroethane		450	U	440	U	11	U	430	U	11	U	430	U
Nitrobenzene		450	U	440	U	11	U	430	U	11	U	430	U
Isophorone		450	U	440	U	11	U	430	U	11	U	430	U
2-Nitrophenol		450	U	440	U	11	U	430	U	11	U	430	U
2,4-Dimethylphenol		450	U	440	U	11	U	430	U	11	U	430	U
bis(2-Chloroethoxy)methane		450	U	440	U	11	U	430	U	11	U	430	U
2,4-Dichlorophenol		450	U	440	U	11	U	430	U	11	U	430	U
1,2,4-Trichlorobenzene		450	U	440	U	11	U	430	U	11	U	430	U
Naphthalene		450	U	440	U	11	U	430	U	11	U	430	U
4-Chloroaniline		450	U	440	U	11	U	430	U	11	U	430	U
Hexachlorobutadiene		450	U	440	U	11	U	430	U	11	U	430	U
4-Chloro-3-methylphenol		450	U	440	U	11	U	430	U	11	U	430	U
2-Methylnaphthalene		450	U	440	U	11	U	430	U	11	U	430	U
Hexachlorocyclopentadiene		450	U	440	U	11	U	430	U	11	U	430	U
2,4,6-Trichlorophenol		450	U	440	U	11	U	430	U	11	U	430	U
2,4,5-Trichlorophenol		1100	U	1100	U	26	U	1100	U	27	U	1100	U

*= Outside of EPA CLP QC limits.

Cust ID:	SH598-0430-C HC9SED		SH598-0430-C HC10SED		SH598-0430-C HC1SW		SH598-0430-C HC1SED		SH598-0430-C HC2SW		SH598-0430-C HC2SED	
RFW#:	007		011		012		013		014		015	
2-Chloronaphthalene	450	U	440	U	11	U	430	U	11	U	430	U
2-Nitroaniline	1100	U	1100	U	26	U	1100	U	27	U	1100	U
Dimethylphthalate	450	U	440	U	11	U	430	U	11	U	430	U
Acenaphthylene	450	U	440	U	11	U	430	U	11	U	430	U
2,6-Dinitrotoluene	450	U	440	U	11	U	430	U	11	U	430	U
3-Nitroaniline	1100	U	1100	U	26	U	1100	U	27	U	1100	U
Acenaphthene	450	U	440	U	11	U	430	U	11	U	430	U
2,4-Dinitrophenol	1100	U	1100	U	26	U	1100	U	27	U	1100	U
4-Nitrophenol	1100	U	1100	U	26	U	1100	U	27	U	1100	U
Dibenzofuran	450	U	440	U	11	U	430	U	11	U	430	U
2,4-Dinitrotoluene	450	U	440	U	11	U	430	U	11	U	430	U
Diethylphthalate	450	U	440	U	11	U	430	U	11	U	430	U
4-Chlorophenyl-phenylether	450	U	440	U	11	U	430	U	11	U	430	U
Fluorene	450	U	440	U	11	U	430	U	11	U	430	U
4-Nitroaniline	1100	U	1100	U	26	U	1100	U	27	U	1100	U
4,6-Dinitro-2-methylphenol	1100	U	1100	U	26	U	1100	U	27	U	1100	U
N-Nitrosodiphenylamine (1)	450	U	440	U	11	U	430	U	11	U	430	U
4-Bromophenyl-phenylether	450	U	440	U	11	U	430	U	11	U	430	U
Hexachlorobenzene	450	U	440	U	11	U	430	U	11	U	430	U
Pentachlorophenol	1100	U	1100	U	26	U	1100	U	27	U	1100	U
Phenanthrene	450	U	440	U	11	U	24	J	11	U	25	J
Anthracene	450	U	440	U	11	U	430	U	11	U	430	U
Carbazole	450	U	440	U	11	U	430	U	11	U	430	U
Di-n-butylphthalate	450	U	440	U	11	U	430	U	11	U	430	U
Fluoranthene	450	U	440	U	11	U	58	J	11	U	68	J
Pyrene	450	U	440	U	11	U	76	J	11	U	80	J
Butylbenzylphthalate	450	U	440	U	11	U	430	U	11	U	430	U
3,3'-Dichlorobenzidine	450	U	440	U	11	U	430	U	11	U	430	U
Benzo(a)anthracene	450	U	440	U	11	U	33	J	11	U	51	J
Chrysene	450	U	440	U	11	U	43	J	11	U	60	J
bis(2-Ethylhexyl)phthalate	450	U	440	U	11	U	430	U	11	U	430	U
Di-n-octyl phthalate	450	U	440	U	11	U	430	U	11	U	430	U
Benzo(b)fluoranthene	450	U	440	U	11	U	31	J	11	U	46	J
Benzo(k)fluoranthene	450	U	440	U	11	U	34	J	11	U	48	J
Benzo(a)pyrene	450	U	440	U	11	U	35	J	11	U	56	J
Indeno(1,2,3-cd)pyrene	450	U	440	U	11	U	430	U	11	U	29	J
Dibenz(a,h)anthracene	450	U	440	U	11	U	430	U	11	U	430	U
Benzo(g,h,i)perylene	450	U	440	U	11	U	430	U	11	U	26	J

(1) - Cannot be separated from Diphenylamine. *= Outside of EPA CLP QC limits.

Sample Information		Cust ID:	SH598-0430-C HC3SW	SH598-0430-C HC3SED	SH598-0430-C HC3SED	SH598-0430-C HC3SED	SH598-0430-C HC4SW	SH598-0430-C HC4SED
		RFW#:	016	017	017 MS	017 MSD	018	019
		Matrix:	WATER	SEDIMENT	SEDIMENT	SEDIMENT	WATER	SEDIMENT
		D.F.:	1.00	1.00	1.00	1.00	1.00	1.00
		Units:	UG/L	UG/KG	UG/KG	UG/KG	UG/L	UG/KG
Surrogate Recovery	Nitrobenzene-d5		60 %	90 %	60 %	63 %	73 %	41 %
	2-Fluorobiphenyl		62 %	96 %	64 %	70 %	68 %	45 %
	Terphenyl-d14		82 %	117 %	68 %	81 %	77 %	61 %
	Phenol-d5		62 %	92 %	64 %	66 %	73 %	48 %
	2-Fluorophenol		60 %	87 %	59 %	60 %	72 %	46 %
	2,4,6-Tribromophenol		62 %	74 %	60 %	67 %	67 %	50 %
Phenol			11 U	380 U	60 %	66 %	11 U	870 U
bis(2-Chloroethyl)ether			11 U	380 U	380 U	380 U	11 U	870 U
2-Chlorophenol			11 U	380 U	60 %	63 %	11 U	870 U
1,3-Dichlorobenzene			11 U	380 U	380 U	380 U	11 U	870 U
1,4-Dichlorobenzene			11 U	380 U	46 %	51 %	11 U	870 U
1,2-Dichlorobenzene			11 U	380 U	380 U	380 U	11 U	870 U
2-Methylphenol			11 U	380 U	380 U	380 U	11 U	870 U
2,2'-oxybis(1-Chloropropane)			11 U	380 U	380 U	380 U	11 U	870 U
4-Methylphenol			11 U	380 U	380 U	380 U	11 U	870 U
N-Nitroso-di-n-propylamine			11 U	380 U	66 %	73 %	11 U	870 U
Hexachloroethane			11 U	380 U	380 U	380 U	11 U	870 U
Nitrobenzene			11 U	380 U	380 U	380 U	11 U	870 U
Isophorone			11 U	380 U	380 U	380 U	11 U	870 U
2-Nitrophenol			11 U	380 U	380 U	380 U	11 U	870 U
2,4-Dimethylphenol			11 U	380 U	380 U	380 U	11 U	870 U
bis(2-Chloroethoxy)methane			11 U	380 U	380 U	380 U	11 U	870 U
2,4-Dichlorophenol			11 U	380 U	380 U	380 U	11 U	870 U
1,2,4-Trichlorobenzene			11 U	380 U	54 %	57 %	11 U	870 U
Naphthalene			11 U	380 U	380 U	380 U	11 U	870 U
4-Chloroaniline			11 U	380 U	380 U	380 U	11 U	870 U
Hexachlorobutadiene			11 U	380 U	380 U	380 U	11 U	870 U
4-Chloro-3-methylphenol			11 U	380 U	64 %	65 %	11 U	870 U
2-Methylnaphthalene			11 U	380 U	380 U	380 U	11 U	870 U
Hexachlorocyclopentadiene			11 U	380 U	380 U	380 U	11 U	870 U
2,4,6-Trichlorophenol			11 U	380 U	380 U	380 U	11 U	870 U
2,4,5-Trichlorophenol			26 U	960 U	960 U	960 U	26 U	2200 U

*= Outside of EPA CLP QC limits.

Cust ID:	SH598-0430-C HC3SW		SH598-0430-C HC3SED		SH598-0430-C HC3SED		SH598-0430-C HC3SED		SH598-0430-C HC4SW		SH598-0430-C HC4SED	
RFW#:	016		017		017 MS		017 MSD		018		019	
2-Chloronaphthalene	11	U	380	U	380	U	380	U	11	U	870	U
2-Nitroaniline	26	U	960	U	960	U	960	U	26	U	2200	U
Dimethylphthalate	11	U	380	U	380	U	380	U	11	U	870	U
Acenaphthylene	11	U	380	U	380	U	380	U	11	U	95	J
2,6-Dinitrotoluene	11	U	380	U	380	U	380	U	11	U	870	U
3-Nitroaniline	26	U	960	U	960	U	960	U	26	U	2200	U
Acenaphthene	11	U	380	U	63	%	71	%	11	U	870	U
2,4-Dinitrophenol	26	U	960	U	960	U	960	U	26	U	2200	U
4-Nitrophenol	26	U	960	U	51	%	54	%	26	U	2200	U
Dibenzofuran	11	U	380	U	380	U	380	U	11	U	870	U
2,4-Dinitrotoluene	11	U	380	U	59	%	68	%	11	U	870	U
Diethylphthalate	11	U	380	U	380	U	380	U	11	U	870	U
4-Chlorophenyl-phenylether	11	U	380	U	380	U	380	U	11	U	870	U
Fluorene	11	U	380	U	380	U	380	U	11	U	870	U
4-Nitroaniline	26	U	960	U	960	U	960	U	26	U	2200	U
4,6-Dinitro-2-methylphenol	26	U	960	U	960	U	960	U	26	U	2200	U
N-Nitrosodiphenylamine (1)	11	U	380	U	380	U	380	U	11	U	870	U
4-Bromophenyl-phenylether	11	U	380	U	380	U	380	U	11	U	870	U
Hexachlorobenzene	11	U	380	U	380	U	380	U	11	U	870	U
Pentachlorophenol	26	U	960	U	63	%	61	%	26	U	2200	U
Phenanthrene	11	U	30	J	37	J	33	J	11	U	210	J
Anthracene	11	U	380	U	380	U	380	U	11	U	77	J
Carbazole	11	U	380	U	380	U	380	U	11	U	870	U
Di-n-butylphthalate	0.6	J	380	U	380	U	380	U	11	U	870	U
Fluoranthene	11	U	64	J	120	J	75	J	11	U	590	J
Pyrene	11	U	93	J	67	%	81	%	11	U	750	J
Butylbenzylphthalate	11	U	380	U	380	U	380	U	11	U	870	U
3,3'-Dichlorobenzidine	11	U	380	U	380	U	380	U	11	U	870	U
Benzo(a)anthracene	11	U	50	J	64	J	49	J	11	U	390	J
Chrysene	11	U	56	J	77	J	61	J	11	U	500	J
bis(2-Ethylhexyl)phthalate	11	U	380	U	29	J	35	J	11	U	190	J
Di-n-octyl phthalate	11	U	380	U	380	U	380	U	11	U	870	U
Benzo(b)fluoranthene	11	U	55	J	57	J	49	J	11	U	430	J
Benzo(k)fluoranthene	11	U	61	J	66	J	52	J	11	U	440	J
Benzo(a)pyrene	11	U	66	J	75	J	57	J	11	U	470	J
Indeno(1,2,3-cd)pyrene	11	U	380	U	39	J	35	J	11	U	280	J
Dibenz(a,h)anthracene	11	U	380	U	380	U	380	U	11	U	90	J
Benzo(g,h,i)perylene	11	U	380	U	41	J	37	J	11	U	300	J

(1) - Cannot be separated from Diphenylamine. *= Outside of EPA CLP QC limits.

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Sample Information	Cust ID:	SH598-0430-C HC5SW	SH598-0430-C HC5SED	SBLKYS	SBLKYS BS	SBLKYS BSD	SBLKYL
	RFW#:	020	021	98LE0750-MB1	98LE0750-MB1	98LE0750-MB1	98LE0746-MB1
	Matrix:	WATER	SEDIMENT	WATER	WATER	WATER	SOIL
	D.F.:	1.00	1.00	1.00	1.00	1.00	1.00
	Units:	UG/L	UG/KG	UG/L	UG/L	UG/L	UG/KG
Surrogate Recovery	Nitrobenzene-d5	71 %	61 %	76 %	78 %	70 %	51 %
	2-Fluorobiphenyl	72 %	63 %	73 %	72 %	67 %	57 %
	Terphenyl-d14	85 %	74 %	85 %	90 %	79 %	68 %
	Phenol-d5	65 %	61 %	47 %	58 %	66 %	59 %
	2-Fluorophenol	70 %	58 %	20 * %	75 %	62 %	53 %
	2,4,6-Tribromophenol	64 %	60 %	31 %	85 %	64 %	72 %
Phenol		11 U	430 U	10 U	73 %	67 %	330 U
bis(2-Chloroethyl)ether		11 U	430 U	10 U	10 U	10 U	330 U
2-Chlorophenol		11 U	430 U	10 U	76 %	67 %	330 U
1,3-Dichlorobenzene		11 U	430 U	10 U	10 U	10 U	330 U
1,4-Dichlorobenzene		11 U	430 U	10 U	61 %	55 %	330 U
1,2-Dichlorobenzene		11 U	430 U	10 U	10 U	10 U	330 U
2-Methylphenol		11 U	430 U	10 U	10 U	10 U	330 U
2,2'-oxybis(1-Chloropropane)		11 U	430 U	10 U	10 U	10 U	330 U
4-Methylphenol		11 U	430 U	10 U	10 U	10 U	330 U
N-Nitroso-di-n-propylamine		11 U	430 U	10 U	62 %	68 %	330 U
Hexachloroethane		11 U	430 U	10 U	10 U	10 U	330 U
Nitrobenzene		11 U	430 U	10 U	10 U	10 U	330 U
Isophorone		11 U	430 U	10 U	10 U	10 U	330 U
2-Nitrophenol		11 U	430 U	10 U	10 U	10 U	330 U
2,4-Dimethylphenol		11 U	430 U	10 U	10 U	10 U	330 U
bis(2-Chloroethoxy)methane		11 U	430 U	10 U	10 U	10 U	330 U
2,4-Dichlorophenol		11 U	430 U	10 U	10 U	10 U	330 U
1,2,4-Trichlorobenzene		11 U	430 U	10 U	66 %	59 %	330 U
Naphthalene		11 U	430 U	10 U	10 U	10 U	330 U
4-Chloroaniline		11 U	430 U	10 U	10 U	10 U	330 U
Hexachlorobutadiene		11 U	430 U	10 U	10 U	10 U	330 U
4-Chloro-3-methylphenol		11 U	430 U	10 U	74 %	59 %	330 U
2-Methylnaphthalene		11 U	430 U	10 U	10 U	10 U	330 U
Hexachlorocyclopentadiene		11 U	430 U	10 U	10 U	10 U	330 U
2,4,6-Trichlorophenol		11 U	430 U	10 U	10 U	10 U	330 U
2,4,5-Trichlorophenol		26 U	1100 U	25 U	25 U	25 U	840 U

*= Outside of EPA CLP QC limits.

	Cust ID:	SH598-0430-C HC5SW		SH598-0430-C HC5SED		SBLKYS		SBLKYS BS		SBLKYS BSD		SBLKYL	
	RFW#:	020		021		98LE0750-MB1		98LE0750-MB1		98LE0750-MB1		98LE0746-MB1	
2-Chloronaphthalene		11	U	430	U	10	U	10	U	10	U	330	U
2-Nitroaniline		26	U	1100	U	25	U	25	U	25	U	840	U
Dimethylphthalate		11	U	430	U	10	U	10	U	10	U	330	U
Acenaphthylene		11	U	430	U	10	U	10	U	10	U	330	U
2,6-Dinitrotoluene		11	U	430	U	10	U	10	U	10	U	330	U
3-Nitroaniline		26	U	1100	U	25	U	25	U	25	U	840	U
Acenaphthene		11	U	430	U	10	U	76	%	68	%	330	U
2,4-Dinitrophenol		26	U	1100	U	25	U	25	U	25	U	840	U
4-Nitrophenol		26	U	1100	U	25	U	76	%	72	%	840	U
Dibenzofuran		11	U	430	U	10	U	10	U	10	U	330	U
2,4-Dinitrotoluene		11	U	430	U	10	U	75	%	67	%	330	U
Diethylphthalate		11	U	430	U	10	U	10	U	10	U	330	U
4-Chlorophenyl-phenylether		11	U	430	U	10	U	10	U	10	U	330	U
Fluorene		11	U	430	U	10	U	10	U	10	U	330	U
4-Nitroaniline		26	U	1100	U	25	U	25	U	25	U	840	U
4,6-Dinitro-2-methylphenol		26	U	1100	U	25	U	25	U	25	U	840	U
N-Nitrosodiphenylamine (1)		11	U	430	U	10	U	10	U	10	U	330	U
4-Bromophenyl-phenylether		11	U	430	U	10	U	10	U	10	U	330	U
Hexachlorobenzene		11	U	430	U	10	U	10	U	10	U	330	U
Pentachlorophenol		26	U	1100	U	25	U	77	%	54	%	840	U
Phenanthrene		11	U	430	U	10	U	10	U	10	U	330	U
Anthracene		11	U	430	U	10	U	10	U	10	U	330	U
Carbazole		11	U	430	U	10	U	10	U	10	U	330	U
Di-n-butylphthalate		11	U	430	U	10	U	10	U	10	U	330	U
Fluoranthene		11	U	430	U	10	U	10	U	10	U	330	U
Pyrene		11	U	430	U	10	U	78	%	76	%	330	U
Butylbenzylphthalate		11	U	430	U	10	U	10	U	10	U	330	U
3,3'-Dichlorobenzidine		11	U	430	U	10	U	10	U	10	U	330	U
Benzo(a)anthracene		11	U	430	U	10	U	10	U	10	U	330	U
Chrysene		11	U	430	U	10	U	10	U	10	U	330	U
bis(2-Ethylhexyl)phthalate		7	JB	430	U	27		10	U	2	JB	330	U
Di-n-octyl phthalate		11	U	430	U	10	U	10	U	10	U	330	U
Benzo(b)fluoranthene		11	U	430	U	10	U	10	U	10	U	330	U
Benzo(k)fluoranthene		11	U	430	U	10	U	10	U	10	U	330	U
Benzo(a)pyrene		11	U	430	U	10	U	10	U	10	U	330	U
Indeno(1,2,3-cd)pyrene		11	U	430	U	10	U	10	U	10	U	330	U
Dibenz(a,h)anthracene		11	U	430	U	10	U	10	U	10	U	330	U
Benzo(g,h,i)perylene		11	U	430	U	10	U	10	U	10	U	330	U

(1) - Cannot be separated from Diphenylamine. *= Outside of EPA CLP QC limits.

Cust ID: **SBLKYL BS**

Sample Information
RFW#: **98LE0746-MB1**
Matrix: SOIL
D.F.: 1.00
Units: UG/KG

Surrogate Recovery	Nitrobenzene-d5	50	%
	2-Fluorobiphenyl	53	%
	Terphenyl-d14	61	%
	Phenol-d5	55	%
	2-Fluorophenol	50	%
	2,4,6-Tribromophenol	62	%
Phenol		55	%
bis(2-Chloroethyl)ether		330	U
2-Chlorophenol		56	%
1,3-Dichlorobenzene		330	U
1,4-Dichlorobenzene		52	%
1,2-Dichlorobenzene		330	U
2-Methylphenol		330	U
2,2'-oxybis(1-Chloropropane)		330	U
4-Methylphenol		330	U
N-Nitroso-di-n-propylamine		62	%
Hexachloroethane		330	U
Nitrobenzene		330	U
Isophorone		330	U
2-Nitrophenol		330	U
2,4-Dimethylphenol		330	U
bis(2-Chloroethoxy)methane		330	U
2,4-Dichlorophenol		330	U
1,2,4-Trichlorobenzene		55	%
Naphthalene		330	U
4-Chloroaniline		330	U
Hexachlorobutadiene		330	U
4-Chloro-3-methylphenol		55	%
2-Methylnaphthalene		330	U
Hexachlorocyclopentadiene		330	U
2,4,6-Trichlorophenol		330	U
2,4,5-Trichlorophenol		840	U

*= Outside of EPA CLP QC limits.

Cust ID: **SBLKYL BS**

RFW#: **98LE0746-MB1**

2-Chloronaphthalene	330	U
2-Nitroaniline	840	U
Dimethylphthalate	330	U
Acenaphthylene	330	U
2,6-Dinitrotoluene	330	U
3-Nitroaniline	840	U
Acenaphthene	59	%
2,4-Dinitrophenol	840	U
4-Nitrophenol	54	%
Dibenzofuran	330	U
2,4-Dinitrotoluene	67	%
Diethylphthalate	330	U
4-Chlorophenyl-phenylether	330	U
Fluorene	330	U
4-Nitroaniline	840	U
4,6-Dinitro-2-methylphenol	840	U
N-Nitrosodiphenylamine (1)	330	U
4-Bromophenyl-phenylether	330	U
Hexachlorobenzene	330	U
Pentachlorophenol	68	%
Phenanthrene	330	U
Anthracene	330	U
Carbazole	330	U
Di-n-butylphthalate	330	U
Fluoranthene	330	U
Pyrene	61	%
Butylbenzylphthalate	330	U
3,3'-Dichlorobenzidine	330	U
Benzo(a)anthracene	330	U
Chrysene	330	U
bis(2-Ethylhexyl)phthalate	330	U
Di-n-octyl phthalate	330	U
Benzo(b)fluoranthene	330	U
Benzo(k)fluoranthene	330	U
Benzo(a)pyrene	330	U
Indeno(1,2,3-cd)pyrene	330	U
Dibenz(a,h)anthracene	330	U
Benzo(g,h,i)perylene	330	U

(1) - Cannot be separated from Diphenylamine. *= Outside of EPA CLP QC limits.

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0017

Sample Information	Cust ID:	SH598-0430-C HC10SED	SH598-0430-C HC1SW	SH598-0430-C HC1SED	SH598-0430-C HC1SED	SH598-0430-C HC2SW	SH598-0430-C HC2SED
	RFW#:	011	012	013	013	014	015
	Matrix:	SEDIMENT	WATER	SEDIMENT	SEDIMENT	WATER	SEDIMENT
	D.F.:	20.0	1.00	1.00	2.00	1.00	1.00
	Units:	UG/KG	UG/L	UG/KG	UG/KG	UG/L	UG/KG
		REPREP			REPREP		
Surrogate: Decachlorobiphenyl		D %	94 %	85 %	117 %	97 %	109 %
Tetrachloro-m-xylene		D %	68 %	95 %	100 %	70 %	108 %
		fl	fl	fl	fl	fl	fl
Alpha-BHC		44 U	0.051 U	2.2 U	4.3 U	0.051 U	2.2 U
Beta-BHC		44 U	0.051 U	2.2 U	4.3 U	0.051 U	2.2 U
Delta-BHC		44 U	0.051 U	2.2 U	4.3 U	0.051 U	2.2 U
gamma-BHC (Lindane)		44 U	0.051 U	2.2 U	4.3 U	0.051 U	2.2 U
Heptachlor		44 U	0.051 U	2.2 U	4.3 U	0.051 U	2.2 U
Aldrin		44 U	0.051 U	2.2 U	4.3 U	0.051 U	2.2 U
Heptachlor epoxide		44 U	0.051 U	2.2 U	4.3 U	0.051 U	2.2 U
Endosulfan I		44 U	0.051 U	2.2 U	4.3 U	0.051 U	2.2 U
Dieldrin		87 U	0.10 U	4.3 U	8.6 U	0.10 U	4.3 U
4,4'-DDE		87 U	0.10 U	4.3 U	8.6 U	0.10 U	4.3 U
Endrin		87 U	0.10 U	4.3 U	8.6 U	0.10 U	4.3 U
Endosulfan II		87 U	0.10 U	4.3 U	8.6 U	0.10 U	4.3 U
4,4'-DDD		87 U	0.10 U	4.3 U	8.6 U	0.10 U	4.3 U
Endosulfan sulfate		87 U	0.10 U	4.3 U	8.6 U	0.10 U	4.3 U
4,4'-DDT		87 U	0.10 U	4.3 U	8.6 U	0.10 U	4.3 U
Methoxychlor		440 U	0.51 U	22 U	43 U	0.51 U	22 U
Endrin ketone		87 U	0.10 U	4.3 U	8.6 U	0.10 U	4.3 U
Endrin aldehyde		87 U	0.10 U	4.3 U	8.6 U	0.10 U	4.3 U
alpha-Chlordane		44 U	0.051 U	2.2 U	4.3 U	0.051 U	2.2 U
gamma-Chlordane		44 U	0.051 U	2.2 U	4.3 U	0.051 U	2.2 U
Toxaphene		4400 U	5.1 U	220 U	430 U	5.1 U	220 U
Aroclor-1016		870 U	1.0 U	43 U	86 U	1.0 U	43 U
Aroclor-1221		1700 U	2.0 U	86 U	170 U	2.0 U	86 U
Aroclor-1232		870 U	1.0 U	43 U	86 U	1.0 U	43 U
Aroclor-1242		870 U	1.0 U	52	220	1.0 U	43 U
Aroclor-1248		870 U	1.0 U	43 U	86 U	1.0 U	50
Aroclor-1254		870 U	1.0 U	43 U	86 U	1.0 U	43 U
Aroclor-1260		870 U	1.0 U	43 U	86 U	1.0 U	43 U

U= Analyzed, not detected. J= Present below detection limit. B= Present in blank. NR= Not reported. NS= Not spiked.
%= Percent recovery. D= Diluted out. I= Interference. NA= Not Applicable. *= Outside of EPA CLP QC

06.03.98

0018

Sample Information	Cust ID:	SH598-0430-C HC2SED		SH598-0430-C HC3SW		SH598-0430-C HC3SED		SH598-0430-C HC3SED		SH598-0430-C HC3SED		SH598-0430-C HC3SED	
	RFW#:	015		016		017		017		017 MS		017 MSD	
	Matrix:	SEDIMENT		WATER		SEDIMENT		SEDIMENT		SEDIMENT		SEDIMENT	
	D.F.:	1.00		1.00		5.00		1.00		1.00		1.00	
	Units:	UG/KG		UG/L		UG/KG		UG/KG		UG/KG		UG/KG	
		REP	REP					REP					
Surrogate: Decachlorobiphenyl		85	%	99	%	D	%	101	%	99	%	86	%
Tetrachloro-m-xylene		85	%	62	%	D	%	102	%	110	%	92	%
		fl		fl		fl		fl		fl		fl	
Alpha-BHC		2.2	U	0.051	U	9.6	U	1.9	U	1.9	U	1.9	U
Beta-BHC		2.2	U	0.051	U	9.6	U	1.9	U	1.9	U	1.9	U
Delta-BHC		2.2	U	0.051	U	9.6	U	1.9	U	1.9	U	1.9	U
gamma-BHC (Lindane)		2.2	U	0.051	U	9.6	U	1.9	U	95	%	80	%
Heptachlor		2.2	U	0.051	U	9.6	U	1.9	U	110	%	105	%
Aldrin		2.2	U	0.051	U	9.6	U	1.9	U	55	%	70	%
Heptachlor epoxide		2.2	U	0.051	U	9.6	U	1.9	U	1.9	U	1.9	U
Endosulfan I		2.2	U	0.051	U	9.6	U	1.9	U	1.9	U	1.9	U
Dieldrin		4.3	U	0.10	U	19	U	3.8	U	102	%	82	%
4,4'-DDE		4.3	U	0.10	U	19	U	3.8	U	3.8	U	3.8	U
Endrin		4.3	U	0.10	U	19	U	3.8	U	94	%	84	%
Endosulfan II		4.3	U	0.10	U	19	U	3.8	U	3.8	U	3.8	U
4,4'-DDD		4.3	U	0.10	U	19	U	3.8	U	3.8	U	3.8	U
Endosulfan sulfate		4.3	U	0.10	U	19	U	3.8	U	3.8	U	3.8	U
4,4'-DDT		4.3	U	0.10	U	19	U	3.8	U	100	%	90	%
Methoxychlor		22	U	0.51	U	96	U	19	U	19	U	19	U
Endrin ketone		4.3	U	0.10	U	19	U	3.8	U	3.8	U	3.8	U
Endrin aldehyde		4.3	U	0.10	U	19	U	3.8	U	3.8	U	3.8	U
alpha-Chlordane		2.2	U	0.051	U	9.6	U	1.9	U	1.9	U	1.9	U
gamma-Chlordane		2.2	U	0.051	U	9.6	U	1.9	U	1.9	U	1.9	U
Toxaphene		220	U	5.1	U	960	U	190	U	190	U	190	U
Aroclor-1016		43	U	1.0	U	190	U	38	U	38	U	38	U
Aroclor-1221		86	U	2.0	U	380	U	77	U	77	U	77	U
Aroclor-1232		43	U	1.0	U	190	U	38	U	38	U	38	U
Aroclor-1242		43	U	1.0	U	190	U	38	U	38	U	38	U
Aroclor-1248		110		1.0	U	430		130		34	J	71	
Aroclor-1254		43	U	1.0	U	190	U	38	U	38	U	38	U
Aroclor-1260		43	U	1.0	U	190	U	38	U	38	U	38	U

U= Analyzed, not detected. J= Present below detection limit. B= Present in blank. NR= Not reported. NS= Not spiked.
%= Percent recovery. D= Diluted out. I= Interference. NA= Not Applicable. *= Outside of EPA CLP QC

06-02-98

Sample Information													
Cust ID:	SH598-0430-C		SH598-0430-C		SH598-0430-C		SH598-0430-C		SH598-0430-C		SH598-0430-C	
	HC4SW		HC4SED		HC4SED		HC5SW		HC5SED		HC5SED	
RFW#:	018		019		019		020		021		021	
Matrix:	WATER		SEDIMENT		SEDIMENT		WATER		SEDIMENT		SEDIMENT	
D.F.:	1.00		1.00		2.00		1.00		1.00		1.00	
Units:	UG/L		UG/KG		UG/KG		UG/L		UG/KG		UG/KG	
					REPREP						REPREP	
Surrogate: Decachlorobiphenyl	93	%	3 *	%	98	%	99	%	96	%	103	%
Tetrachloro-m-xylene	80	%	2 *	%	112	%	70	%	100	%	90	%
		fl		fl		fl		fl		fl		fl
Alpha-BHC	0.051	U	4.4	U	8.7	U	0.051	U	2.1	U	2.1	U
Beta-BHC	0.051	U	4.4	U	8.7	U	0.051	U	2.1	U	2.1	U
Delta-BHC	0.051	U	4.4	U	8.7	U	0.051	U	2.1	U	2.1	U
gamma-BHC (Lindane)	0.051	U	4.4	U	8.7	U	0.051	U	2.1	U	2.1	U
Heptachlor	0.051	U	4.4	U	8.7	U	0.051	U	2.1	U	2.1	U
Aldrin	0.051	U	4.4	U	8.7	U	0.051	U	2.1	U	2.1	U
Heptachlor epoxide	0.051	U	4.4	U	8.7	U	0.051	U	2.1	U	2.1	U
Endosulfan I	0.051	U	4.4	U	8.7	U	0.051	U	2.1	U	2.1	U
Dieldrin	0.10	U	8.7	U	17	U	0.10	U	4.3	U	4.3	U
4,4'-DDE	0.10	U	8.7	U	17	U	0.10	U	4.3	U	4.3	U
Endrin	0.10	U	8.7	U	17	U	0.10	U	4.3	U	4.3	U
Endosulfan II	0.10	U	8.7	U	17	U	0.10	U	4.3	U	4.3	U
4,4'-DDD	0.10	U	8.7	U	17	U	0.10	U	4.3	U	4.3	U
Endosulfan sulfate	0.10	U	8.7	U	17	U	0.10	U	4.3	U	4.3	U
4,4'-DDT	0.10	U	8.7	U	17	U	0.10	U	4.3	U	4.3	U
Methoxychlor	0.51	U	44	U	87	U	0.51	U	21	U	21	U
Endrin ketone	0.10	U	8.7	U	17	U	0.10	U	4.3	U	4.3	U
Endrin aldehyde	0.10	U	8.7	U	17	U	0.10	U	4.3	U	4.3	U
alpha-Chlordane	0.051	U	4.4	U	11		0.051	U	2.1	U	2.1	U
gamma-Chlordane	0.051	U	4.4	U	8.7	U	0.051	U	2.1	U	2.1	U
Toxaphene	5.1	U	440	U	870	U	5.1	U	210	U	210	U
Aroclor-1016	1.0	U	87	U	170	U	1.0	U	43	U	43	U
Aroclor-1221	2.0	U	170	U	350	U	2.0	U	85	U	85	U
Aroclor-1232	1.0	U	87	U	170	U	1.0	U	43	U	43	U
Aroclor-1242	1.0	U	87	U	170	U	1.0	U	43	U	43	U
Aroclor-1248	1.0	U	87	U	680		1.0	U	43	U	45	
Aroclor-1254	1.0	U	87	U	170	U	1.0	U	43	U	43	U
Aroclor-1260	1.0	U	87	U	170	U	1.0	U	43	U	43	U

U= Analyzed, not detected. J= Present below detection limit. B= Present in blank. NR= Not reported. NS= Not spiked.
%= Percent recovery. D= Diluted out. I= Interference. NA= Not Applicable. *= Outside of EPA CLP QC

06-07-98

Sample Information	Cust ID:	SH598-0430-C HC5SED	SH598-0430-C HC5SED	PBLKBA	PBLKBA BS	PBLKBL	PBLKBL BS
	RFW#:	021 MS	021 MSD	98LE0738-MB1	98LE0738-MB1	98LE0745-MB1	98LE0745-MB1
	Matrix:	SEDIMENT	SEDIMENT	WATER	WATER	SOIL	SOIL
	D.F.:	1.00	1.00	1.00	1.00	1.00	1.00
	Units:	UG/KG	UG/KG	UG/L	UG/L	UG/KG	UG/KG
Surrogate:	Decachlorobiphenyl	110 %	105 %	84 %	98 %	106 %	NS %
	Tetrachloro-m-xylene	100 %	88 %	40 %	42 %	110 %	NS %
Alpha-BHC		2.1 U	2.1 U	0.050 U	0.050 U	1.7 U	1.7 U
Beta-BHC		2.1 U	2.1 U	0.050 U	0.050 U	1.7 U	1.7 U
Delta-BHC		2.1 U	2.1 U	0.050 U	0.050 U	1.7 U	1.7 U
gamma-BHC (Lindane)		70 %	75 %	0.050 U	100 %	1.7 U	NS %
Heptachlor		100 %	85 %	0.050 U	60 %	1.7 U	NS %
Aldrin		90 %	85 %	0.050 U	50 %	1.7 U	NS %
Heptachlor epoxide		2.1 U	2.1 U	0.050 U	0.050 U	1.7 U	1.7 U
Endosulfan I		2.1 U	2.1 U	0.050 U	0.050 U	1.7 U	1.7 U
Dieldrin		94 %	86 %	0.10 U	106 %	3.3 U	NS %
4,4'-DDE		4.3 U	4.3 U	0.10 U	0.10 U	3.3 U	3.3 U
Endrin		128 %	116 %	0.10 U	108 %	3.3 U	NS %
Endosulfan II		4.3 U	4.3 U	0.10 U	0.10 U	3.3 U	3.3 U
4,4'-DDD		4.3 U	4.3 U	0.10 U	0.10 U	3.3 U	3.3 U
Endosulfan sulfate		4.3 U	4.3 U	0.10 U	0.10 U	3.3 U	3.3 U
4,4'-DDT		108 %	92 %	0.10 U	104 %	3.3	NS %
Methoxychlor		21 U	21 U	0.50 U	0.50 U	17 U	17 U
Endrin ketone		4.3 U	4.3 U	0.10 U	0.10 U	3.3 U	3.3 U
Endrin aldehyde		4.3 U	4.3 U	0.10 U	0.10 U	3.3 U	3.3 U
alpha-Chlordane		2.1 U	2.1 U	0.050 U	0.050 U	1.7 U	1.7 U
gamma-Chlordane		2.1 U	2.1 U	0.050 U	0.050 U	1.7 U	1.7 U
Toxaphene		210 U	210 U	5.0 U	5.0 U	170 U	170 U
Aroclor-1016		43 U	43 U	1.0 U	1.0 U	33 U	33 U
Aroclor-1221		85 U	85 U	2.0 U	2.0 U	67 U	67 U
Aroclor-1232		43 U	43 U	1.0 U	1.0 U	33 U	33 U
Aroclor-1242		43 U	43 U	1.0 U	1.0 U	33 U	33 U
Aroclor-1248		94	42 J	1.0 U	1.0 U	33 U	33 U
Aroclor-1254		43 U	43 U	1.0 U	1.0 U	33 U	33 U
Aroclor-1260		43 U	43 U	1.0 U	1.0 U	33 U	33 U

U= Analyzed, not detected. J= Present below detection limit. B= Present in blank. NR= Not reported. NS= Not spiked.
%= Percent recovery. D= Diluted out. I= Interference. NA= Not Applicable. *= Outside of EPA CLP QC

GW 6-03-98

3021

	Cust ID:	PBLKCI	PBLKCI BS
Sample Information	RFW#:	98LE0813-MB1	98LE0813-MB1
	Matrix:	SOIL	SOIL
	D.F.:	1.00	1.00
	Units:	UG/KG	UG/KG

Surrogate:	Decachlorobiphenyl	98	%	110	%
	Tetrachloro-m-xylene	88	%	100	%
		fl		fl	
Alpha-BHC		1.7	U	1.7	U
Beta-BHC		1.7	U	1.7	U
Delta-BHC		1.7	U	1.7	U
gamma-BHC (Lindane)		1.7	U	80	%
Heptachlor		1.7	U	85	%
Aldrin		1.7	U	85	%
Heptachlor epoxide		1.7	U	1.7	U
Endosulfan I		1.7	U	1.7	U
Dieldrin		3.3	U	88	%
4,4'-DDE		3.3	U	3.3	U
Endrin		3.3	U	110	%
Endosulfan II		3.3	U	3.3	U
4,4'-DDD		3.3	U	3.3	U
Endosulfan sulfate		3.3	U	3.3	U
4,4'-DDT		3.3	U	102	%
Methoxychlor		17	U	17	U
Endrin ketone		3.3	U	3.3	U
Endrin aldehyde		3.3	U	3.3	U
alpha-Chlordane		1.7	U	1.7	U
gamma-Chlordane		1.7	U	1.7	U
Toxaphene		170	U	170	U
Aroclor-1016		33	U	33	U
Aroclor-1221		67	U	67	U
Aroclor-1232		33	U	33	U
Aroclor-1242		33	U	33	U
Aroclor-1248		33	U	33	U
Aroclor-1254		33	U	33	U
Aroclor-1260		33	U	33	U

GN 06-02-98

U= Analyzed, not detected. J= Present below detection limit. B= Present in blank. NR= Not reported. NS= Not spiked.
%= Percent recovery. D= Diluted out. I= Interference. NA= Not Applicable. *= Outside of EPA CLP QC

U.S. EPA

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INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

CHC1SW

Lab Name: RECRA_LABNET Contract: 1667-6

Lab Code: RECRA Case No.: SAS No.: SDG No.: CHC1SW

Matrix (soil/water): WATER Lab Sample ID: 9805L617-012

Level (low/med): LOW Date Received: 05/01/98

% Solids: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7440-36-0	Antimony	3.0	U		P
7440-38-2	Arsenic	3.3	U		P
7440-39-3	Barium	13.6			P
7440-41-7	Beryllium	0.20	U		P
7440-43-9	Cadmium	0.50	U		P
7440-47-3	Chromium	1.1	U		P
7440-48-4	Cobalt	1.5	U		P
7440-50-8	Copper	1.5			P
7439-92-1	Lead	2.5	U		P
7439-97-6	Mercury	0.10	U		AV
7440-02-0	Nickel	1.3	U		P
7782-49-2	Selenium	4.0	U		P
7440-22-4	Silver	1.1	U		P
7440-28-0	Thallium	5.6	U		P
7440-62-2	Vanadium	1.3	U		P
7440-66-6	Zinc	3.0			P
7440-31-5	Tin	4.8	U		P

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts:

Comments:

SH598-0430-CHC1SW

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U.S. EPA

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INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

HC1SED

Lab Name: RECRA_LABNET Contract: 1667-6

Lab Code: RECRA Case No.: SAS No.: SDG No.: CHC1SW

Matrix (soil/water): SOIL

Level (low/med): LOW

% Solids: 77.3

Lab Sample ID: 9805L617-013

Date Received: 05/01/98

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7440-36-0	Antimony	0.32	U		P
7440-38-2	Arsenic	0.91			P
7440-39-3	Barium	15.6			P
7440-41-7	Beryllium	0.16			P
7440-43-9	Cadmium	0.05	U		P
7440-47-3	Chromium	4.2			P
7440-48-4	Cobalt	2.3			P
7440-50-8	Copper	3.3			P
7439-92-1	Lead	13.4			P
7439-97-6	Mercury	0.06			AV
7440-02-0	Nickel	4.0			P
7782-49-2	Selenium	0.43	U		P
7440-22-4	Silver	0.12	U		P
7440-28-0	Thallium	0.60	U		P
7440-62-2	Vanadium	7.1			P
7440-66-6	Zinc	48.2			P
7440-31-5	Tin	2.9			P

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts:

Comments:

SH598-0430-CHC1SED

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INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

CHC2SW

Lab Name: RECRA_LABNET Contract: 1667-6

Lab Code: RECRA Case No.: SAS No.: SDG No.: CHC1SW

Matrix (soil/water): WATER Lab Sample ID: 9805L617-014

Level (low/med): LOW Date Received: 05/01/98

% Solids: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7440-36-0	Antimony	3.0	U		P
7440-38-2	Arsenic	3.3	U		P
7440-39-3	Barium	14.8			P
7440-41-7	Beryllium	0.20	U		P
7440-43-9	Cadmium	0.50	U		P
7440-47-3	Chromium	1.1	U		P
7440-48-4	Cobalt	1.5	U		P
7440-50-8	Copper	1.3			P
7439-92-1	Lead	5.0			P
7439-97-6	Mercury	0.10	U		AV
7440-02-0	Nickel	1.3	U		P
7782-49-2	Selenium	4.0	U		P
7440-22-4	Silver	1.1	U		P
7440-28-0	Thallium	5.6	U		P
7440-62-2	Vanadium	1.3	U		P
7440-66-6	Zinc	5.6			P
7440-31-5	Tin	4.8	U		P

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts:

Comments:

SH598-0430-CHC2SW

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INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

HC2SED

Lab Name: RECRA_LABNET Contract: 1667-6

Lab Code: RECRA Case No.: SAS No.: SDG No.: CHC1SW

Matrix (soil/water): SOIL Lab Sample ID: 9805L617-015

Level (low/med): LOW Date Received: 05/01/98

% Solids: 77.4

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7440-36-0	Antimony	0.30	U		P
7440-38-2	Arsenic	0.82			P
7440-39-3	Barium	16.3			P
7440-41-7	Beryllium	0.19			P
7440-43-9	Cadmium	0.05	U		P
7440-47-3	Chromium	4.8			P
7440-48-4	Cobalt	2.3			P
7440-50-8	Copper	4.6			P
7439-92-1	Lead	16.3			P
7439-97-6	Mercury	0.11			AV
7440-02-0	Nickel	4.5			P
7782-49-2	Selenium	0.40	U		P
7440-22-4	Silver	0.11	U		P
7440-28-0	Thallium	0.56	U		P
7440-62-2	Vanadium	8.6			P
7440-66-6	Zinc	52.4			P
7440-31-5	Tin	1.5			P

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts:

Comments:

SH598-0430-CHC2SED

U.S. EPA

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INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

CHC3SW

Lab Name: RECRA_LABNET Contract: 1667-6

Lab Code: RECRA Case No.: SAS No.: SDG No.: CHC1SW

Matrix (soil/water): WATER Lab Sample ID: 9805L617-016

Level (low/med): LOW Date Received: 05/01/98

% Solids: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7440-36-0	Antimony	3.0	U		P
7440-38-2	Arsenic	3.3	U		P
7440-39-3	Barium	13.6			P
7440-41-7	Beryllium	0.20	U		P
7440-43-9	Cadmium	0.50	U		P
7440-47-3	Chromium	1.1	U		P
7440-48-4	Cobalt	1.5	U		P
7440-50-8	Copper	1.2			P
7439-92-1	Lead	2.5	U		P
7439-97-6	Mercury	0.10	U		AV
7440-02-0	Nickel	1.3	U		P
7782-49-2	Selenium	4.0	U		P
7440-22-4	Silver	1.1	U		P
7440-28-0	Thallium	5.6	U		P
7440-62-2	Vanadium	1.3	U		P
7440-66-6	Zinc	3.4			P
7440-31-5	Tin	4.8	U		P

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts:

Comments:

SH598-0430-CHC3SW

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INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

HC3SED

Lab Name: RECRA_LABNET Contract: 1667-6

Lab Code: RECRA Case No.: SAS No.: SDG No.: CHC1SW

Matrix (soil/water): SOIL Lab Sample ID: 9805L617-017

Level (low/med): LOW Date Received: 05/01/98

% Solids: 86.6

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7440-36-0	Antimony	0.32	U		P
7440-38-2	Arsenic	0.92			P
7440-39-3	Barium	15.3			P
7440-41-7	Beryllium	0.16			P
7440-43-9	Cadmium	0.68			P
7440-47-3	Chromium	5.2			P
7440-48-4	Cobalt	2.7			P
7440-50-8	Copper	3.4			P
7439-92-1	Lead	10.9			P
7439-97-6	Mercury	0.03			AV
7440-02-0	Nickel	3.9			P
7782-49-2	Selenium	0.43	U		P
7440-22-4	Silver	0.12	U		P
7440-28-0	Thallium	0.60	U		P
7440-62-2	Vanadium	10.9			P
7440-66-6	Zinc	36.4			P
7440-31-5	Tin	1.5			P

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts:

Comments:

SH598-0430-CHC3SED

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U.S. EPA

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INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

CHC4SW

Lab Name: RECRA_LABNET Contract: 1667-6

Lab Code: RECRA Case No.: SAS No.: SDG No.: CHC1SW

Matrix (soil/water): WATER Lab Sample ID: 9805L617-018

Level (low/med): LOW Date Received: 05/01/98

% Solids: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7440-36-0	Antimony	3.0	U		P
7440-38-2	Arsenic	3.4			P
7440-39-3	Barium	8.8			P
7440-41-7	Beryllium	0.20	U		P
7440-43-9	Cadmium	0.50	U		P
7440-47-3	Chromium	1.1	U		P
7440-48-4	Cobalt	1.5	U		P
7440-50-8	Copper	1.5			P
7439-92-1	Lead	2.8			P
7439-97-6	Mercury	0.10	U		AV
7440-02-0	Nickel	1.3	U		P
7782-49-2	Selenium	4.0	U		P
7440-22-4	Silver	1.1	U		P
7440-28-0	Thallium	5.6	U		P
7440-62-2	Vanadium	1.3	U		P
7440-66-6	Zinc	4.7			P
7440-31-5	Tin	4.8	U		P

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts:

Comments:

SH598-0430-CHC4SW

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U.S. EPA

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INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

HC4SED

Lab Name: RECRA_LABNET Contract: 1667-6
Lab Code: RECRA Case No.: SAS No.: SDG No.: CHC1SW
Matrix (soil/water): SOIL Lab Sample ID: 9805L617-019
Level (low/med): LOW Date Received: 05/01/98
% Solids: 38.2

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7440-36-0	Antimony	0.76	U		P
7440-38-2	Arsenic	3.3			P
7440-39-3	Barium	102			P
7440-41-7	Beryllium	0.74			P
7440-43-9	Cadmium	3.8			P
7440-47-3	Chromium	31.1			P
7440-48-4	Cobalt	9.2			P
7440-50-8	Copper	39.6			P
7439-92-1	Lead	120			P
7439-97-6	Mercury	0.98			AV
7440-02-0	Nickel	22.4			P
7782-49-2	Selenium	1.6			P
7440-22-4	Silver	0.51			P
7440-28-0	Thallium	1.4	U		P
7440-62-2	Vanadium	32.2			P
7440-66-6	Zinc	249			P
7440-31-5	Tin	6.4			P

Color Before: Clarity Before: Texture:
Color After: Clarity After: Artifacts:

Comments:
SH598-0430-CHC4SED

FORM I - IN

U.S. EPA

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INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

CHC5SW

Lab Name: RECRA_LABNET Contract: 1667-6

Lab Code: RECRA Case No.: SAS No.: SDG No.: CHC1SW

Matrix (soil/water): WATER Lab Sample ID: 9805L617-020

Level (low/med): LOW Date Received: 05/01/98

% Solids: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7440-36-0	Antimony	3.0	U		P
7440-38-2	Arsenic	3.3	U		P
7440-39-3	Barium	14.0			P
7440-41-7	Beryllium	0.20	U		P
7440-43-9	Cadmium	0.50	U		P
7440-47-3	Chromium	1.1	U		P
7440-48-4	Cobalt	1.5	U		P
7440-50-8	Copper	1.9			P
7439-92-1	Lead	7.2			P
7439-97-6	Mercury	0.10	U		AV
7440-02-0	Nickel	1.3	U		P
7782-49-2	Selenium	4.0	U		P
7440-22-4	Silver	1.1	U		P
7440-28-0	Thallium	5.6	U		P
7440-62-2	Vanadium	1.3	U		P
7440-66-6	Zinc	3.9			P
7440-31-5	Tin	36.1			P

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts:

Comments:

SH598-0430-CHC5SW

FORM I - IN

U.S. EPA

1

INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

HC5SED

Lab Name: RECRA_LABNET Contract: 1667-6

Lab Code: RECRA Case No.: SAS No.: SDG No.: CHC1SW

Matrix (soil/water): SOIL Lab Sample ID: 9805L617-021

Level (low/med): LOW Date Received: 05/01/98

% Solids: 78.1

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7440-36-0	Antimony	0.37	U		P
7440-38-2	Arsenic	0.95			P
7440-39-3	Barium	13.6			P
7440-41-7	Beryllium	0.13			P
7440-43-9	Cadmium	0.06	U		P
7440-47-3	Chromium	2.6			P
7440-48-4	Cobalt	1.8			P
7440-50-8	Copper	2.6			P
7439-92-1	Lead	7.3			P
7439-97-6	Mercury	0.02	U		AV
7440-02-0	Nickel	3.2			P
7782-49-2	Selenium	0.50	U		P
7440-22-4	Silver	0.14	U		P
7440-28-0	Thallium	0.70	U		P
7440-62-2	Vanadium	5.5			P
7440-66-6	Zinc	30.6			P
7440-31-5	Tin	0.99			P

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts:

Comments:

SH598-0430-CHC5SED

FORM I - IN

Cutter Pond Sediment and Surface Water Sample Results

Box 136
Rm 16

RECRA LabNet

a division of Recra Environmental, Inc.

Virtual Laboratories Everywhere

5 June 1998

Mr. Jack Ryan
NYSDEC
Room 392
50 Wolf Road
Albany, NY 12233-3502

Ref: Contract C003783
Sample Data Package: RFW Batch 9804L560
NYSDEC ID: SH598-42398-SED1 to SW6

Dear Mr. Ryan:

Enclosed please find the data report for 8 sediment and 7 water samples received 24 April 1998 for analysis for VOAs, BNAs, pesticides/PCBs and metals. These were delayed due to instrument problems and LIMS being up and down several times this week.

Please do not hesitate to contact me at (610) 280-3000 with any questions you may have.

Very truly yours,

Recra LabNet Philadelphia

Judith L. Stone
Senior Project Manager

Enclosure

cc: Russ Mulvey (NYSDEC)

N221 918 790 3 N221 918 792 1 N221 918 791

RECRA LabNet Use Only
9804C560

Custody Transfer Record/Lab Work Request

Client NYSDEC
Est. Final Proj. Sampling Date
Project # 01667-600-001-9999-00
Project Contact/Phone #
RECRA Project Manager J.S.
QC SW846 Del CLP TAT 30 DAY
Date Rec'd 4-24-98 Date Due 5-24-98
Account # NYSDEC STD

Refrigerator #		1	4-1					4		4
#/Type Container	Liquid	2GL	2GL	2GL				1P		
	Solid	2GL	1GL							3GL
Volume	Liquid	40	1L	1L				1L		
	Solid	250	250							250
Preservatives		—						HNO3		
ANALYSES REQUESTED →		ORGANIC: VOA	BNA	Pest/PCB	Herb			INORG: Metal	CN	

MATRIX CODES:
S - Soil
SE - Sediment
SO - Solid
SL - Sludge
W - Water
O - Oil
A - Air
DS - Drum Solids
DL - Drum Liquids
L - EP/TCLP Leachate
WI - Wipe
X - Other
F - Fish

Lab ID	Client ID/Description	Matrix QC Chosen MS	MSD	Matrix	Date Collected	Time Collected	06247H	06251H	06084H		Metal (MAPPIX)		TCLP ITCLP
001	SH598042398-TB1			W	T	12—	✓						
2	SH598042398-SED1			SE	4/23/98	1100	✓	✓	✓		✓		
3	SH598042398-SED2			"	"	1130	✓	✓	✓		✓		
4	SH598042398-SED3	✓	✓	"	"	12—	✓	✓ MS/MSD	✓ MS/MSD		✓ MS/MSD		
5	SH598042398-SED4			"	"	130	✓	✓	✓		✓		
6	SH598042398-SED5			"	"	200	✓	✓	✓		✓		
7	SH598042398-SED6			"	"	1100	✓						
8	SH598042398-TCLP1			"	"	215	~~✓~~	~~✓~~	~~✓~~	AMM 4/23/98	~~✓~~		✓
9	SH598-042398-TCLP2			"	"	300	~~✓~~				~~✓~~		✓

FIELD PERSONNEL: COMPLETE ONLY SHADED AREAS

Special Instructions:

DATE/REVISIONS:
008,009 1. 1EA 500ml GL for SVOC, P/PCB, M.T.
001 2. 2EA NO Time collected on COC DOCS
3. NOT match label on sample no Date
4. Collected on COC.
4/27/98 5. 008+009 ANALYSIS MARKED
6. ON COC per UNIT REVIEW

Relinquished by	Received by	Date	Time
[signature]		4/23/98	300
UPS	[signature]	4-24-98	1000

Relinquished by	Received by	Date	Time

Discrepancies Between Samples Labels and COC Record? (Y) or N
NOTES: 12.4, 13.4, 16.7 °C

RECRA LabNet Use Only

Samples were:
1) Shipped ✓ or Hand Delivered ___
Airbill # [illegible]
2) Ambient or (Chilled)
3) Received in Good Condition (Y) or N
4) Labels Indicate Properly Preserved (Y) or N
5) Received Within Holding Times (Y) or N

COC Tape was:
1) Present on Outer Package (Y) or N
2) Unbroken on Outer Package (Y) or N
3) Present on Sample Y or (N)
4) Unbroken on Sample Y or (N)
COC Record Present Upon Sample Rec't (Y) or N

74-15-1 (9/97)—q

SEND THIS SHEET WITH SAMPLE TO CONTACT LAB

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

CONTRACT LAB SAMPLE INFORMATION SHEET

Print Legibly

Part 3

CAUTION (check if applicable)

☐ Lab personnel are expected to use caution when handling DEC samples, however, please use special caution when handling this sample since it is believed to contain significant concentrations of hazardous and/or toxic materials(s)

CHECK THE BOX PRECEDING THE REQUESTED ANALYSIS

PRIORITY POLLUTANTS (Water Part 136)—SPDES

☐ 2. 13PP Metals
☐ 3. Volatiles—(USEPA 624 GC/MS)
☐ 6. Pesticides/PCBs (USEPA 608-GC)
☐ 4. Acids Base/Neutrals (USEPA 624 GC/MS)
☐ 5. Cyanide
☐ 9. BOD
☐ 7. Halogenated Volatiles (USEPA 601 GC)
☐ 8. Aromatic Volatiles USEPA 602 GC)
☐ 12. TSS
☐ 10. pH
☐ 11. COD
☐ 15. Ammonia
☐ 13. Settleable Solids
☐ 14. TKN
☐ 18. Reactive Phosphorus
☐ 16. Nitrate/Nitrite
☐ 17. Total Phosphorus
☐ 21. Total Phenols
☐ 19. Oil/Grease)
☐ 20. TOC
☐ 60. PCBs congener method (ASP 91-11)
☐ 22. Other ____________
☐ 59. PCBs at 0.065 ug/l
☐ 64. Total Solids
☐ 62. CBOD
☐ 65. Volatiles (USEPA 524.2 GC/MS)

CONTRACT LABORATORY PROTOCOLS

☐ 23 (ALL)—Water—Includes 24-28
☐ 29. (ALL)—Soil/Sediments—Includes 30-34
☐ 24 Base/Neutral/Acid (B/N/A)—Water—GC/MS (ASP #95-2)
☐ 30. (B/N/A)—Soil/Sediments—GC/MS (ASP #95-2)
☐ 25 Volatile Organic Analysis VOA—Water—GC/MS (ASP #95-1)
☐ 31. VOA—Soil/Sediments—GC/MS (ASP #95-1)
☐ 26 Pesticides/PCBs—Water—GC/MS (ASP #95-3)
☐ 32. Pesticides/PCBs—Soil/Sediments—GC (ASP #95-3)
☐ 27 Metals—23 in Water
☐ 33. Metals—23 in Soil/Sediments)
☐ 28 Cyanide—Water
☐ 34. Cyanide—Soil/Sediments)
☐ 66 Dioxin-Water (ASP #91-7)
☐ 67. Dioxin-Soil/Sediments (ASP #91-7)
☐ 35 Other ____________

no analyses checked 4/27

HAZARDOUS WASTES/RCRA ANALYSIS SW-846

☐ 36. EP Toxicity
☐ 37. EP Toxicity (Metals Only)
☐ 38. Ignitability
☐ 39. Corrosivity
☐ 40. VOA—(USEPA 8260 GC/MS)
☐ 41. BNA—(USEPA 8270 GC/MS)
☐ 42. Pesticides/PCBs (USEPA 8081)
☐ 43. TCLP
☐ 44. TCLP (Metals Only)
☐ 45. Reactivity
☐ 46. Dioxin (USEPA 8280)
☐ 47. Appendix IX
☐ 48. Other ____________
☐ 63 Percent Solids
☐ 68. Metals—17 Hazardous

MUNICIPAL SLUDGE

☐ 56. RS-01 ☐ 57. RS-02 ☐ 58. Other ____________

COLLECTED BY:	TELEPHONE NUMBER:	REGION NO.:
Russ Mulvey	(518) 747-1242	5

CONTRACT LABORATORY:	COUNTY:	SAMPLING DATE:	MILITARY TIME:
RECRA	Washington	4/23/98	12:30

SAMPLE MATRIX:

☐ Air ☐ Soil/Sediment ☐ Groundwater ☐ Surface Water ☐ Wastewater ☒ Other [illegible]

CASE NO.	SDG NO.	SAMPLE NO.	CHECK FOR MS/MD	TYPE OF SAMPLE
1 4 5 9 9	1 9 3 3 1	9 1 1 1 6 1	☐ This sample	☐ Grab ☐ Composite ☐ Term ______ hours

☐ Check if there will be more samples with this SDG sent in this calendar week.

SAMPLING POINT:

Report via Category B, unless checked ☐

Check if field duplicate ☐ Outfall Number

Check if sampling is part of inspection ☐

FLOW: ________ GPD ________ MGD

SPDES NUMBER/REGISTRY NUMBER

RECRA LabNet Use Only
9804L560

Custody Transfer Record/Lab Work Request

RECRA LabNet

Client NYSDEC - Russ Mahey
Est. Final Proj. Sampling Date
Project #
Project Contact/Phone #
RECRA Project Manager
QC ______ Del ______ TAT
Date Rec'd ______ Date Due ______
Account #

SEE Pg 1

Refrigerator #
#/Type Container: Liquid / Solid — See Page One
Volume: Liquid / Solid
Preservatives

ANALYSES REQUESTED → ORGANIC: VOA, BNA, Pest/PCB, Herb; INORG: Metal, CN; TCLP (4)

RECRA LabNet Use Only

MATRIX CODES:
S - Soil
SE - Sediment
SO - Solid
SL - Sludge
W - Water
O - Oil
A - Air
DS - Drum Solids
DL - Drum Liquids
L - EP/TCLP Leachate
WI - Wipe
X - Other
F - Fish

Lab ID	Client ID/Description	Matrix QC Chosen MS	MSD	Matrix	Date Collected	Time Collected	VOA 0624H	BNA 0625H	Pest/PCB 0608H	Metal MAAPIX	0624T	0625T	0608T	OHBST	HCRATCH
010	SH598042398SW1			W	4/20/98	1100	✓	✓	✓	✓					
11	SH598042398SW2			"	"	1130	✓	✓	✓	–					
12	SH598042398SW3	✓	✓	"	"	12–	✓	✓	✓	✓					
13	SH598042398SW4			"	"	130	✓	✓	✓	✓					
14	SH598042398SW5			"	"	200	✓	✓	✓	✓					
15	SH598042398SW6			"	"	1100	✓								
016	SH598-042398-TCLP1	TCLP	008	L	X	–					✓				
017	↓ 2	↓	009	↓	↓	↓					✓				
018	↓ 1	TCLP	008	↓	↓	↓						✓	✓	✓	✓
019	↓ 2	↓	009	↓	↓	↓						✓	✓	✓	✓

FIELD PERSONNEL: COMPLETE ONLY SHADED AREAS

Special Instructions:

DATE/REVISIONS:
1. X SEE LABCRON FOR
2. DATECOLLECT
3.
4.
5.
6.

RECRA LabNet Use Only

Samples were:
1) Shipped ___ or Hand Delivered ___
Airbill # ___
2) Ambient or Chilled
3) Received in Good Condition Y or N
4) Labels Indicate Properly Preserved Y or N
5) Received Within Holding Times Y or N

COC Tape was:
1) Present on Outer Package Y or N
2) Unbroken on Outer Package Y or N
3) Present on Sample Y or N
4) Unbroken on Sample Y or N
COC Record Present Upon Sample Rec't Y or N

See Pg 1

Relinquished by	Received by	Date	Time
Russ Mahey		4/23/98	300
UPS	V. [signature]	4/24/98	1000

Relinquished by	Received by	Date	Time

Discrepancies Between Samples Lables and COC Record? Y or N
NOTES:

9804L560

Custody Transfer Record/Lab Work Request

Client NYSDEC - Russ Mahey

Est. Final Proj. Sampling Date

Project #

Project Contact/Phone #

RECRA Project Manager

QC ______ Del ______ TAT

Date Rec'd ______ Date Due ______

Account #

(SEE P1)

Refrigerator #

#/Type Container: Liquid / Solid

Volume: Liquid / Solid

Preservatives

(See Page One)

ANALYSES REQUESTED →

ORGANIC: VOA, BNA, Pest/PCB, Herb

INORG: Metal, CN

1 4

RECRA LabNet Use Only

MATRIX CODES:
S - Soil
SE - Sediment
SO - Solid
SL - Sludge
W - Water
O - Oil
A - Air
DS - Drum Solids
DL - Drum Liquids
L - EP/TCLP Leachate
WI - Wipe
X - Other
F - Fish

Lab ID	Client ID/Description	MS	MSD	Matrix	Date Collected	Time Collected	0624H	0625H	0658H					MATRIX		CX24T	0625T	0605T	0H3GT	HCRATCH
010	SH598042398SW1			W	4/20/98	1100	✓	✓	✓					✓						
11	SH598042398SW2			〃	〃	1130	✓	✓	✓					✓						
12	SH598042398SW3	✓	✓	〃	〃	12—	✓	✓	✓					✓						
13	SH598042398SW4			〃	〃	130	✓	✓	✓					✓						
14	SH598042398SW5			〃	〃	200	✓	✓	✓					✓						
15	SH598042398SW6			〃	〃	1100	✓													
016	SH598-042398-TCLP1	TCLP	005	L	*	—										✓				
017	〃 2	〃	006	〃	〃	〃										✓				
018	〃 1	TCLP	008	〃	〃	〃											✓	✓	✓	✓
019	〃 2	〃	009	〃	〃	〃											✓	✓	✓	✓

FIELD PERSONNEL: COMPLETE ONLY SHADED AREAS

Special Instructions:

DATE/REVISIONS:
1. * SEE LABCRON FOR
2. DATECOLLECT
3.
4.
5.
6.

Relinquished by	Received by	Date	Time	Relinquished by	Received by	Date	Time
Russ Mahey		4/23/98	300				
UPS	[signature]	4/24/98	1000				

Discrepancies Between Samples Lables and COC Record? Y or N
NOTES:

RECRA LabNet Use Only

Samples were:
1) Shipped ___ or Hand Delivered
Airbill #
2) Ambient or Chilled
3) Received in Good Condition Y or N
4) Labels Indicate Properly Preserved Y or N
5) Received Within Holding Times Y or N

COC Tape was:
1) Present on Outer Package Y or N
2) Unbroken on Outer Package Y or N
3) Present on Sample Y or N
4) Unbroken on Sample Y or N
COC Record Present Upon Sample Rec't Y or N

(See Page One)

74-15-1 (9/97)—q

SEND THIS SHEET WITH SAMPLE TO CONTACT LAB

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

CONTRACT LAB SAMPLE INFORMATION SHEET

Print Legibly

Part 3

CAUTION (check if applicable)

☐ Lab personnel are expected to use caution when handling DEC samples, however, please use special caution when handling this sample since it is believed to contain significant concentrations of hazardous and/or toxic materials(s)

CHECK THE BOX PRECEDING THE REQUESTED ANALYSIS

PRIORITY POLLUTANTS (Water Part 136)—SPDES

☐ 2. 13PP Metals
☐ 4. Acids Base/Neutrals (USEPA 624 GC/MS)
☐ 7. Halogenated Volatiles (USEPA 601 GC)
☐ 10. pH
☐ 13. Settleable Solids
☐ 16. Nitrate/Nitrite
☐ 19. Oil/Grease)
☐ 22. Other ______
☐ 3. Volatiles—(USEPA 624 GC/MS)
☐ 5. Cyanide
☐ 8. Aromatic Volatiles USEPA 602 GC)
☐ 11. COD
☐ 14. TKN
☐ 17. Total Phosphorus
☐ 20. TOC
☐ 59. PCBs at 0.065 ug/l
☐ 62. CBOD
☐ 6. Pesticides/PCBs (USEPA 608-GC)
☐ 9. BOD
☐ 12. TSS
☐ 15. Ammonia
☐ 18. Reactive Phosphorus
☐ 21. Total Phenols
☐ 60. PCBs congener method (ASP 91-11)
☐ 64. Total Solids
☐ 65. Volatiles (USEPA 524.2 GC/MS)

CONTRACT LABORATORY PROTOCOLS

☐ 23 (ALL)—Water—Includes 24-28
☐ 24 Base/Neutral/Acid (B/N/A)—Water—GC/MS (ASP #95-2)
☐ 25 Volatile Organic Analysis VOA—Water—GC/MS (ASP #95-1)
☐ 26 Pesticides/PCBs—Water—GC/MS (ASP #95-3)
☐ 27 Metals—23 in Water
☐ 28 Cyanide—Water
☐ 66 Dioxin-Water (ASP #91-7)
☐ 35 Other ______
☐ 29. (ALL)—Soil/Sediments—Includes 30-34
☐ 30. (B/N/A)—Soil/Sediments—GC/MS (ASP #95-2)
☐ 31. VOA—Soil/Sediments—GC/MS (ASP #95-1)
☐ 32. Pesticides/PCBs—Soil/Sediments—GC (ASP #95-3)
☐ 33. Metals—23 in Soil/Sediments)
☐ 34. Cyanide—Soil/Sediments)
☐ 67. Dioxin-Soil/Sediments (ASP #91-7)

HAZARDOUS WASTES/RCRA ANALYSIS SW-846

☐ 36. EP Toxicity
☐ 39. Corrosivity
☐ 42. Pesticides/PCBs (USEPA 8081)
☐ 45. Reactivity
☐ 48. Other ______
☐ 37: EP Toxicity (Metals Only)
☐ 40. VOA—(USEPA 8260 GC/MS)
☐ 43. TCLP
☐ 46. Dioxin (USEPA 8280)
☐ 63 Percent Solids
☐ 38. Ignitability
☐ 41. BNA—(USEPA 8270 GC/MS)
☐ 44. TCLP (Metals Only)
☐ 47. Appendix IX
☐ 68. Metals—17 Hazardous

MUNICIPAL SLUDGE

☐ 56. RS-01 ☐ 57. RS-02 ☐ 58. Other ______

COLLECTED BY: Ross Matrey	TELEPHONE NUMBER: (518) 747-1242	REGION NO.: 5

CONTRACT LABORATORY: RECRA	COUNTY: Washington	SAMPLING DATE: 11/23/98	MILITARY TIME: 12:30

SAMPLE MATRIX:
☐ Air ☐ Soil/Sediment ☐ Groundwater ☐ Surface Water ☐ Wastewater ☒ Other [illegible]

CASE NO.	SDG NO.	SAMPLE NO.	CHECK FOR MS/MD	TYPE OF SAMPLE
114999	1143311	9 1 1 FB 1	☐ This sample	☐ Grab ☐ Composite ☐ Term ____ hours

☐ Check if there will be more samples with this SDG sent in this calendar week.

SAMPLING POINT:

Report via Category B, unless checked ☐
Check if field duplicate ☐ Outfall Number
Check if sampling is part of inspection ☐
FLOW: ______ GPD ______ MGD
SPDES NUMBER/REGISTRY NUMBER

74-15-1 (9/97)—q

SEND THIS SHEET WITH SAMPLE TO CONTACT LAB

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

CONTRACT LAB SAMPLE INFORMATION SHEET

Print Legibly

Part 3

CAUTION (check if applicable)

☐ Lab personnel are expected to use caution when handling DEC samples, however, please use special caution when handling this sample since it is believed to contain significant concentrations of hazardous and/or toxic materials(s)

CHECK THE BOX PRECEDING THE REQUESTED ANALYSIS

PRIORITY POLLUTANTS (Water Part 136)—SPDES

- ☐ 2. 13PP Metals
- ☐ 4. Acids Base/Neutrals (USEPA 624 GC/MS)
- ☐ 7. Halogenated Volatiles (USEPA 601 GC)
- ☐ 10. pH
- ☐ 13. Settleable Solids
- ☐ 16. Nitrate/Nitrite
- ☐ 19. Oil/Grease)
- ☐ 22. Other ______
- ☐ 3. Volatiles—(USEPA 624 GC/MS)
- ☐ 5. Cyanide
- ☐ 8. Aromatic Volatiles USEPA 602 GC)
- ☐ 11. COD
- ☐ 14. TKN
- ☐ 17. Total Phosphorus
- ☐ 20. TOC
- ☐ 59. PCBs at 0.065 ug/l
- ☐ 62. CBOD
- ☐ 6. Pesticides/PCBs (USEPA 608-GC)
- ☐ 9. BOD
- ☐ 12. TSS
- ☐ 15. Ammonia
- ☐ 18. Reactive Phosphorus
- ☐ 21. Total Phenols
- ☐ 60. PCBs congener method (ASP 91-11)
- ☐ 64. Total Solids
- ☐ 65. Volatiles (USEPA 524.2 GC/MS)

CONTRACT LABORATORY PROTOCOLS

- ☐ 23 (ALL)—Water—Includes 24-28
- ☐ 24 Base/Neutral/Acid (B/N/A)—Water—GC/MS (ASP #95-2)
- ☐ 25 Volatile Organic Analysis VOA—Water—GC/MS (ASP #95-1)
- ☐ 26 Pesticides/PCBs—Water—GC/MS (ASP #95-3)
- ☐ 27 Metals—23 in Water
- ☐ 28 Cyanide—Water
- ☐ 66 Dioxin-Water (ASP #91-7)
- ☐ 35 Other ______
- ☐ 29. (ALL)—Soil/Sediments—Includes 30-34
- ☐ 30. (B/N/A)—Soil/Sediments—GC/MS (ASP #95-2)
- ☐ 31. VOA—Soil/Sediments—GC/MS (ASP #95-1)
- ☐ 32. Pesticides/PCBs—Soil/Sediments—GC (ASP #95-3)
- ☐ 33. Metals—23 in Soil/Sediments)
- ☐ 34. Cyanide—Soil/Sediments)
- ☐ 67. Dioxin-Soil/Sediments (ASP #91-7)

HAZARDOUS WASTES/RCRA ANALYSIS SW-846

- ☐ 36. EP Toxicity
- ☐ 39. Corrosivity
- ☒ 42. Pesticides/PCBs (USEPA 8081)
- ☐ 45. Reactivity
- ☐ 48. Other ______
- ☐ 37. EP Toxicity (Metals Only)
- ☒ 40. VOA—(USEPA 8260 GC/MS)
- ☐ 43. TCLP
- ☐ 46. Dioxin (USEPA 8280)
- ☐ 63 Percent Solids
- ☐ 38. Ignitability
- ☒ 41. BNA—(USEPA 8270 GC/MS)
- ☐ 44. TCLP (Metals Only)
- ☐ 47. Appendix IX
- ☒ 68. Metals—17 Hazardous

MUNICIPAL SLUDGE

☐ 56. RS-01 ☐ 57. RS-02 ☐ 58. Other ______

COLLECTED BY: [illegible] / [illegible]	TELEPHONE NUMBER: (518) 897-1242		REGION NO.: 5
CONTRACT LABORATORY: [illegible]	COUNTY: Washington	SAMPLING DATE: 4/23/98	MILITARY TIME: 11:00

SAMPLE MATRIX:

☐ Air ☒ Soil/Sediment ☐ Groundwater ☐ Surface Water ☐ Wastewater ☐ Other ______

CASE NO.	SDG NO.	SAMPLE NO.	CHECK FOR MS/MD	TYPE OF SAMPLE
5 H 5 7 1 8	[illegible]	[illegible]	☐ This sample	☒ Grab ☐ Composite ☐ Term ______ hours

☐ Check if there will be more samples with this SDG sent in this calendar week.

SAMPLING POINT:

Report via Category B, unless checked ☐

Check if field duplicate ☐ Outfall Number

Check if sampling is part of inspection ☐

FLOW: ______ GPD ______ MGD

SPDES NUMBER/REGISTRY NUMBER

74-15-1 (9/97)—q

SEND THIS SHEET WITH SAMPLE TO CONTACT LAB

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

CONTRACT LAB SAMPLE INFORMATION SHEET

Print Legibly

Part 3

CAUTION (check if applicable)

- [ ] Lab personnel are expected to use caution when handling DEC samples, however, please use special caution when handling this sample since it is believed to contain significant concentrations of hazardous and/or toxic materials(s)

CHECK THE BOX PRECEDING THE REQUESTED ANALYSIS

PRIORITY POLLUTANTS (Water Part 136)—SPDES

- [ ] 2. 13PP Metals
- [ ] 3. Volatiles—(USEPA 624 GC/MS)
- [ ] 6. Pesticides/PCBs (USEPA 608-GC)
- [ ] 4. Acids Base/Neutrals (USEPA 624 GC/MS)
- [ ] 5. Cyanide
- [ ] 9. BOD
- [ ] 7. Halogenated Volatiles (USEPA 601 GC)
- [ ] 8. Aromatic Volatiles USEPA 602 GC)
- [ ] 12. TSS
- [ ] 10. pH
- [ ] 11. COD
- [ ] 15. Ammonia
- [ ] 13. Settleable Solids
- [ ] 14. TKN
- [ ] 18. Reactive Phosphorus
- [ ] 16. Nitrate/Nitrite
- [ ] 17. Total Phosphorus
- [ ] 21. Total Phenols
- [ ] 19. Oil/Grease)
- [ ] 20. TOC
- [ ] 60. PCBs congener method (ASP 91-11)
- [ ] 22. Other ______
- [ ] 59. PCBs at 0.065 ug/l
- [ ] 64. Total Solids
- [ ] 62. CBOD
- [ ] 65. Volatiles (USEPA 524.2 GC/MS)

CONTRACT LABORATORY PROTOCOLS

- [ ] 23 (ALL)—Water—Includes 24-28
- [x] 29. (ALL)—Soil/Sediments—Includes 30-34
- [ ] 24 Base/Neutral/Acid (B/N/A)—Water—GC/MS (ASP #95-2)
- [ ] 30. (B/N/A)—Soil/Sediments—GC/MS (ASP #95-2)
- [ ] 25 Volatile Organic Analysis VOA—Water—GC/MS (ASP #95-1)
- [ ] 31. VOA—Soil/Sediments—GC/MS (ASP #95-1)
- [ ] 26 Pesticides/PCBs—Water—GC/MS (ASP #95-3)
- [ ] 32. Pesticides/PCBs—Soil/Sediments—GC (ASP #95-3)
- [ ] 27 Metals—23 in Water
- [ ] 33. Metals—23 in Soil/Sediments)
- [ ] 28 Cyanide—Water
- [ ] 34. Cyanide—Soil/Sediments)
- [ ] 66 Dioxin-Water (ASP #91-7)
- [ ] 67. Dioxin-Soil/Sediments (ASP #91-7)
- [ ] 35 Other ______

HAZARDOUS WASTES/RCRA ANALYSIS SW-846

- [ ] 36. EP Toxicity
- [ ] 37. EP Toxicity (Metals Only)
- [ ] 38. Ignitability
- [ ] 39. Corrosivity
- [x] 40. VOA—(USEPA 8260 GC/MS)
- [x] 41. BNA—(USEPA 8270 GC/MS)
- [x] 42. Pesticides/PCBs (USEPA 8081)
- [ ] 43. TCLP
- [ ] 44. TCLP (Metals Only)
- [ ] 45. Reactivity
- [ ] 46. Dioxin (USEPA 8280)
- [ ] 47. Appendix IX
- [ ] 48. Other ______
- [ ] 63 Percent Solids
- [x] 68. Metals—17 Hazardous

MUNICIPAL SLUDGE

- [ ] 56. RS-01
- [ ] 57. RS-02
- [ ] 58. Other ______

COLLECTED BY:	TELEPHONE NUMBER:	REGION NO.:
[illegible] / [illegible] Mulvey	(…3) 397-1242	5

CONTRACT LABORATORY:	COUNTY:	SAMPLING DATE:	MILITARY TIME:
[illegible]	Washington	7/23/98	1150

SAMPLE MATRIX:

- [ ] Air
- [x] Soil/Sediment
- [ ] Groundwater
- [ ] Surface Water
- [ ] Wastewater
- [ ] Other ______

CASE NO.	SDG NO.	SAMPLE NO.	CHECK FOR MS/MD	TYPE OF SAMPLE
21959	44434	4556D2	[ ] This sample	[x] Grab [ ] Composite [ ] Term ____ hours

- [ ] Check if there will be more samples with this SDG sent in this calendar week.

SAMPLING POINT:

Report via Category B, unless checked [ ]

Check if field duplicate [ ] Outfall Number

Check if sampling is part of inspection [ ]

FLOW: ______ GPD ______ MGD

SPDES NUMBER/REGISTRY NUMBER

| | | | | |

74-15-1 (9/97)—q

SEND THIS SHEET WITH SAMPLE TO CONTACT LAB

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

CONTRACT LAB SAMPLE INFORMATION SHEET

Print Legibly

Part 3

CAUTION (check if applicable)

☐ Lab personnel are expected to use caution when handling DEC samples, however, please use special caution when handling this sample since it is believed to contain significant concentrations of hazardous and/or toxic materials(s)

CHECK THE BOX PRECEDING THE REQUESTED ANALYSIS

PRIORITY POLLUTANTS (Water Part 136)—SPDES

☐ 2. 13PP Metals
☐ 3. Volatiles—(USEPA 624 GC/MS)
☐ 6. Pesticides/PCBs (USEPA 608-GC)
☐ 4. Acids Base/Neutrals (USEPA 624 GC/MS)
☐ 5. Cyanide
☐ 9. BOD
☐ 7. Halogenated Volatiles (USEPA 601 GC)
☐ 8. Aromatic Volatiles USEPA 602 GC)
☐ 12. TSS
☐ 10. pH
☐ 11. COD
☐ 15. Ammonia
☐ 13. Settleable Solids
☐ 14. TKN
☐ 18. Reactive Phosphorus
☐ 16. Nitrate/Nitrite
☐ 17. Total Phosphorus
☐ 21. Total Phenols
☐ 19. Oil/Grease)
☐ 20. TOC
☐ 60. PCBs congener method (ASP 91-11)
☐ 22. Other ______
☐ 59. PCBs at 0.065 ug/l
☐ 64. Total Solids
☐ 62. CBOD
☐ 65. Volatiles (USEPA 524.2 GC/MS)

CONTRACT LABORATORY PROTOCOLS

☐ 23 (ALL)—Water—Includes 24-28
☐ 29. (ALL)—Soil/Sediments—Includes 30-34
☐ 24 Base/Neutral/Acid (B/N/A)—Water—GC/MS (ASP #95-2)
☐ 30. (B/N/A)—Soil/Sediments—GC/MS (ASP #95-2)
☐ 25 Volatile Organic Analysis VOA—Water—GC/MS (ASP #95-1)
☐ 31. VOA—Soil/Sediments—GC/MS (ASP #95-1)
☐ 26 Pesticides/PCBs—Water—GC/MS (ASP #95-3)
☐ 32. Pesticides/PCBs—Soil/Sediments—GC (ASP #95-3)
☐ 27 Metals—23 in Water
☐ 33. Metals—23 in Soil/Sediments)
☐ 28 Cyanide—Water
☐ 34. Cyanide—Soil/Sediments)
☐ 66 Dioxin-Water (ASP #91-7)
☐ 67. Dioxin-Soil/Sediments (ASP #91-7)
☐ 35 Other ______

HAZARDOUS WASTES/RCRA ANALYSIS SW-846

☐ 36. EP Toxicity
☐ 37. EP Toxicity (Metals Only)
☐ 38. Ignitability
☐ 39. Corrosivity
☒ 40. VOA—(USEPA 8260 GC/MS)
☒ 41. BNA—(USEPA 8270 GC/MS)
☒ 42. Pesticides/PCBs (USEPA 8081)
☐ 43. TCLP
☐ 44. TCLP (Metals Only)
☐ 45. Reactivity
☐ 46. Dioxin (USEPA 8280)
☐ 47. Appendix IX
☐ 48. Other ______
☐ 63 Percent Solids
☒ 68. Metals—17 Hazardous

MUNICIPAL SLUDGE

☐ 56. RS-01 ☐ 57. RS-02 ☐ 58. Other ______

COLLECTED BY:	TELEPHONE NUMBER:	REGION NO.:
[illegible] Mulvey / Burt Pine	(518) 397-1242	5

CONTRACT LABORATORY:	COUNTY:	SAMPLING DATE:	MILITARY TIME:
RECRA	Washington	4/23/98	1200

SAMPLE MATRIX:

☐ Air ☒ Soil/Sediment ☐ Groundwater ☐ Surface Water ☐ Wastewater ☐ Other ______

CASE NO.	SDG NO.	SAMPLE NO.	CHECK FOR MS/MD	TYPE OF SAMPLE
[illegible]	[illegible]	[illegible]	☒ This sample	☐ Grab ☐ Composite ☐ Term ____ hours

☐ Check if there will be more samples with this SDG sent in this calendar week.

SAMPLING POINT:

Report via Category B, unless checked ☐

Check if field duplicate ☐ Outfall Number

Check if sampling is part of inspection ☐

FLOW: ______ GPD ______ MGD

SPDES NUMBER/REGISTRY NUMBER

74-15-1 (9/97)—q

SEND THIS SHEET WITH SAMPLE TO CONTACT LAB

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

CONTRACT LAB SAMPLE INFORMATION SHEET

Print Legibly

Part 3

CAUTION (check if applicable)

☐ Lab personnel are expected to use caution when handling DEC samples, however, please use special caution when handling this sample since it is believed to contain significant concentrations of hazardous and/or toxic materials(s)

CHECK THE BOX PRECEDING THE REQUESTED ANALYSIS

PRIORITY POLLUTANTS (Water Part 136)—SPDES

- ☐ 2. 13PP Metals
- ☐ 4. Acids Base/Neutrals (USEPA 624 GC/MS)
- ☐ 7. Halogenated Volatiles (USEPA 601 GC)
- ☐ 10. pH
- ☐ 13. Settleable Solids
- ☐ 16. Nitrate/Nitrite
- ☐ 19. Oil/Grease)
- ☐ 22. Other ______
- ☐ 3. Volatiles—(USEPA 624 GC/MS)
- ☐ 5. Cyanide
- ☐ 8. Aromatic Volatiles USEPA 602 GC)
- ☐ 11. COD
- ☐ 14. TKN
- ☐ 17. Total Phosphorus
- ☐ 20. TOC
- ☐ 59. PCBs at 0.065 ug/l
- ☐ 62. CBOD
- ☐ 6. Pesticides/PCBs (USEPA 608-GC)
- ☐ 9. BOD
- ☐ 12. TSS
- ☐ 15. Ammonia
- ☐ 18. Reactive Phosphorus
- ☐ 21. Total Phenols
- ☐ 60. PCBs congener method (ASP 91-11)
- ☐ 64. Total Solids
- ☐ 65. Volatiles (USEPA 524.2 GC/MS)

CONTRACT LABORATORY PROTOCOLS

- ☐ 23 (ALL)—Water—Includes 24-28
- ☐ 24 Base/Neutral/Acid (B/N/A)—Water—GC/MS (ASP #95-2)
- ☐ 25 Volatile Organic Analysis VOA—Water—GC/MS (ASP #95-1)
- ☐ 26 Pesticides/PCBs—Water—GC/MS (ASP #95-3)
- ☐ 27 Metals—23 in Water
- ☐ 28 Cyanide—Water
- ☐ 66 Dioxin-Water (ASP #91-7)
- ☐ 29. (ALL)—Soil/Sediments—Includes 30-34
- ☐ 30. (B/N/A)—Soil/Sediments—GC/MS (ASP #95-2)
- ☐ 31. VOA—Soil/Sediments—GC/MS (ASP #95-1)
- ☐ 32. Pesticides/PCBs—Soil/Sediments—GC (ASP #95-3)
- ☐ 33. Metals—23 in Soil/Sediments)
- ☐ 34. Cyanide—Soil/Sediments)
- ☐ 67. Dioxin-Soil/Sediments (ASP #91-7)
- ☐ 35 Other ______

HAZARDOUS WASTES/RCRA ANALYSIS SW-846

- ☐ 36. EP Toxicity
- ☐ 39. Corrosivity
- ☒ 42. Pesticides/PCBs (USEPA 8081)
- ☐ 45. Reactivity
- ☐ 48. Other ______
- ☐ 37. EP Toxicity (Metals Only)
- ☒ 40. VOA—(USEPA 8260 GC/MS)
- ☐ 43. TCLP
- ☐ 46. Dioxin (USEPA 8280)
- ☐ 63 Percent Solids
- ☐ 38. Ignitability
- ☒ 41. BNA—(USEPA 8270 GC/MS)
- ☐ 44. TCLP (Metals Only)
- ☐ 47. Appendix IX
- ☒ 68. Metals—17 Hazardous

MUNICIPAL SLUDGE

☐ 56. RS-01 ☐ 57. RS-02 ☐ 58. Other ______

COLLECTED BY:	TELEPHONE NUMBER:	REGION NO.:
[illegible] Russ Mulley	(518) 597-1242	5

CONTRACT LABORATORY:	COUNTY:	SAMPLING DATE:	MILITARY TIME:
[illegible]	Washington	042398	1520

SAMPLE MATRIX:

☐ Air ☒ Soil/Sediment ☐ Groundwater ☐ Surface Water ☐ Wastewater ☐ Other ______

CASE NO.	SDG NO.	SAMPLE NO.	CHECK FOR MS/MD	TYPE OF SAMPLE
5 4 5 1 1 8	2 4 5 3 4	6 5 1 E 0 4	☐ This sample	☒ Grab ☐ Composite ☐ Term ______ hours

☐ Check if there will be more samples with this SDG sent in this calendar week.

SAMPLING POINT:

Report via Category B, unless checked ☐

Check if field duplicate ☐ Outfall Number

Check if sampling is part of inspection ☐

FLOW: ______ GPD ______ MGD

SPDES NUMBER/REGISTRY NUMBER

74-15-1 (9/97)—q

SEND THIS SHEET WITH SAMPLE TO CONTACT LAB

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

CONTRACT LAB SAMPLE INFORMATION SHEET

Print Legibly

Part 3

CAUTION (check if applicable)

☒ Lab personnel are expected to use caution when handling DEC samples, however, please use special caution when handling this sample since it is believed to contain significant concentrations of hazardous and/or toxic materials(s)

CHECK THE BOX PRECEDING THE REQUESTED ANALYSIS

PRIORITY POLLUTANTS (Water Part 136)—SPDES

- ☐ 2. 13PP Metals
- ☐ 4. Acids Base/Neutrals (USEPA 624 GC/MS)
- ☐ 7. Halogenated Volatiles (USEPA 601 GC)
- ☐ 10. pH
- ☐ 13. Settleable Solids
- ☐ 16. Nitrate/Nitrite
- ☐ 19. Oil/Grease)
- ☐ 22. Other ______
- ☐ 3. Volatiles—(USEPA 624 GC/MS)
- ☐ 5. Cyanide
- ☐ 8. Aromatic Volatiles USEPA 602 GC)
- ☐ 11. COD
- ☐ 14. TKN
- ☐ 17. Total Phosphorus
- ☐ 20. TOC
- ☐ 59. PCBs at 0.065 ug/l
- ☐ 62. CBOD
- ☐ 6. Pesticides/PCBs (USEPA 608-GC)
- ☐ 9. BOD
- ☐ 12. TSS
- ☐ 15. Ammonia
- ☐ 18. Reactive Phosphorus
- ☐ 21. Total Phenols
- ☐ 60. PCBs congener method (ASP 91-11)
- ☐ 64. Total Solids
- ☐ 65. Volatiles (USEPA 524.2 GC/MS)

CONTRACT LABORATORY PROTOCOLS

- ☐ 23 (ALL)—Water—Includes 24-28
- ☐ 24 Base/Neutral/Acid (B/N/A)—Water—GC/MS (ASP #95-2)
- ☐ 25 Volatile Organic Analysis VOA—Water—GC/MS (ASP #95-1)
- ☐ 26 Pesticides/PCBs—Water—GC/MS (ASP #95-3)
- ☐ 27 Metals—23 in Water
- ☐ 28 Cyanide—Water
- ☐ 66 Dioxin-Water (ASP #91-7)
- ☐ 35 Other ______
- ☐ 29. (ALL)—Soil/Sediments—Includes 30-34
- ☐ 30. (B/N/A)—Soil/Sediments—GC/MS (ASP #95-2)
- ☐ 31. VOA—Soil/Sediments—GC/MS (ASP #95-1)
- ☐ 32. Pesticides/PCBs—Soil/Sediments—GC (ASP #95-3)
- ☐ 33. Metals—23 in Soil/Sediments)
- ☐ 34. Cyanide—Soil/Sediments)
- ☐ 67. Dioxin-Soil/Sediments (ASP #91-7)

HAZARDOUS WASTES/RCRA ANALYSIS SW-846

- ☐ 36. EP Toxicity
- ☐ 39. Corrosivity
- ☒ 42. Pesticides/PCBs (USEPA 8081)
- ☐ 45. Reactivity
- ☐ 48. Other ______
- ☐ 37. EP Toxicity (Metals Only)
- ☒ 40. VOA—(USEPA 8260 GC/MS)
- ☐ 43. TCLP
- ☐ 46. Dioxin (USEPA 8280)
- ☐ 63 Percent Solids
- ☐ 38. Ignitability
- ☒ 41. BNA—(USEPA 8270 GC/MS)
- ☐ 44. TCLP (Metals Only)
- ☐ 47. Appendix IX
- ☒ 68. Metals—17 Hazardous

MUNICIPAL SLUDGE

☐ 56. RS-01 ☐ 57. RS-02 ☐ 58. Other ______

COLLECTED BY:	TELEPHONE NUMBER:	REGION NO.:
R[illegible] Pine [illegible] McIlvey	(518) 397-1340	5

CONTRACT LABORATORY:	COUNTY:	SAMPLING DATE:	MILITARY TIME:
		4/23/98	1400

SAMPLE MATRIX:

☐ Air ☒ Soil/Sediment ☐ Groundwater ☐ Surface Water ☐ Wastewater ☐ Other ______

CASE NO.	SDG NO.	SAMPLE NO.	CHECK FOR MS/MD	TYPE OF SAMPLE
[illegible]	[illegible]	[illegible] E05	☐ This sample	☒ Grab ☐ Composite ☐ Term ____ hours

☐ Check if there will be more samples with this SDG sent in this calendar week.

SAMPLING POINT:

Report via Category B, unless checked ☐

Check if field duplicate ☐ Outfall Number

Check if sampling is part of inspection ☐

FLOW: ______ GPD ______ MGD

SPDES NUMBER/REGISTRY NUMBER

74-15-1 (9/97)—q

SEND THIS SHEET WITH SAMPLE TO CONTACT LAB

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

CONTRACT LAB SAMPLE INFORMATION SHEET

Print Legibly

Part 3

CAUTION (check if applicable)

☐ Lab personnel are expected to use caution when handling DEC samples, however, please use special caution when handling this sample since it is believed to contain significant concentrations of hazardous and/or toxic materials(s)

CHECK THE BOX PRECEDING THE REQUESTED ANALYSIS

PRIORITY POLLUTANTS (Water Part 136)—SPDES

☐ 2. 13PP Metals
☐ 4. Acids Base/Neutrals (USEPA 624 GC/MS)
☐ 7. Halogenated Volatiles (USEPA 601 GC)
☐ 10. pH
☐ 13. Settleable Solids
☐ 16. Nitrate/Nitrite
☐ 19. Oil/Grease)
☐ 22. Other ______
☐ 3. Volatiles—(USEPA 624 GC/MS)
☐ 5. Cyanide
☐ 8. Aromatic Volatiles USEPA 602 GC)
☐ 11. COD
☐ 14. TKN
☐ 17. Total Phosphorus
☐ 20. TOC
☐ 59. PCBs at 0.065 ug/l
☐ 62. CBOD
☐ 6. Pesticides/PCBs (USEPA 608-GC)
☐ 9. BOD
☐ 12. TSS
☐ 15. Ammonia
☐ 18. Reactive Phosphorus
☐ 21. Total Phenols
☐ 60. PCBs congener method (ASP 91-11)
☐ 64. Total Solids
☐ 65. Volatiles (USEPA 524.2 GC/MS)

CONTRACT LABORATORY PROTOCOLS

☐ 23 (ALL)—Water—Includes 24-28
☐ 24 Base/Neutral/Acid (B/N/A)—Water—GC/MS (ASP #95-2)
☐ 25 Volatile Organic Analysis VOA—Water—GC/MS (ASP #95-1)
☐ 26 Pesticides/PCBs—Water—GC/MS (ASP #95-3)
☐ 27 Metals—23 in Water
☐ 28 Cyanide—Water
☐ 66 Dioxin-Water (ASP #91-7)
☐ 29. (ALL)—Soil/Sediments—Includes 30-34
☐ 30. (B/N/A)—Soil/Sediments—GC/MS (ASP #95-2)
☐ 31. VOA—Soil/Sediments—GC/MS (ASP #95-1)
☐ 32. Pesticides/PCBs—Soil/Sediments—GC (ASP #95-3)
☐ 33. Metals—23 in Soil/Sediments)
☐ 34. Cyanide—Soil/Sediments)
☐ 67. Dioxin-Soil/Sediments (ASP #91-7)
☐ 35 Other ______

HAZARDOUS WASTES/RCRA ANALYSIS SW-846

☐ 36. EP Toxicity
☐ 39. Corrosivity
☐ 42. Pesticides/PCBs (USEPA 8081)
☐ 45. Reactivity
☐ 48. Other ______
☐ 37. EP Toxicity (Metals Only)
☒ 40. VOA—(USEPA 8260 GC/MS)
☐ 43. TCLP
☐ 46. Dioxin (USEPA 8280)
☐ 63 Percent Solids
☐ 38. Ignitability
☐ 41. BNA—(USEPA 8270 GC/MS)
☐ 44. TCLP (Metals Only)
☐ 47. Appendix IX
☐ 68. Metals—17 Hazardous

MUNICIPAL SLUDGE

☐ 56. RS-01 ☐ 57. RS-02 ☐ 58. Other ______

COLLECTED BY:	TELEPHONE NUMBER:	REGION NO.:
[illegible] / Russ Mulvey	(518) 897-1242	5

CONTRACT LABORATORY:	COUNTY:	SAMPLING DATE:	MILITARY TIME:
PEDRA	Washington	9/23/95	[illegible]

SAMPLE MATRIX:

☐ Air ☒ Soil/Sediment ☐ Groundwater ☐ Surface Water ☐ Wastewater ☐ Other ______

CASE NO.	SDG NO.	SAMPLE NO.	CHECK FOR MS/MD	TYPE OF SAMPLE
1/4 5 7/2	44 2 2 4	[illegible]	☐ This sample	☒ Grab ☐ Composite ☐ Term ______ hours

☐ Check if there will be more samples with this SDG sent in this calendar week.

SAMPLING POINT:

Report via Category B, unless checked ☐

Check if field duplicate ☐ Outfall Number

Check if sampling is part of inspection ☐

FLOW: ______ GPD ______ MGD

SPDES NUMBER/REGISTRY NUMBER

| | | | | |

74-15-1 (9/97)—q

SEND THIS SHEET WITH SAMPLE TO CONTACT LAB

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

CONTRACT LAB SAMPLE INFORMATION SHEET

Print Legibly

Part 3

CAUTION (check if applicable)

☒ Lab personnel are expected to use caution when handling DEC samples, however, please use special caution when handling this sample since it is believed to contain significant concentrations of hazardous and/or toxic materials(s)

CHECK THE BOX PRECEDING THE REQUESTED ANALYSIS

PRIORITY POLLUTANTS (Water Part 136)—SPDES

- ☐ 2. 13PP Metals
- ☐ 4. Acids Base/Neutrals (USEPA 624 GC/MS)
- ☐ 7. Halogenated Volatiles (USEPA 601 GC)
- ☐ 10. pH
- ☐ 13. Settleable Solids
- ☐ 16. Nitrate/Nitrite
- ☐ 19. Oil/Grease)
- ☐ 22. Other ____
- ☐ 3. Volatiles—(USEPA 624 GC/MS)
- ☐ 5. Cyanide
- ☐ 8. Aromatic Volatiles USEPA 602 GC)
- ☐ 11. COD
- ☐ 14. TKN
- ☐ 17. Total Phosphorus
- ☐ 20. TOC
- ☐ 59. PCBs at 0.065 ug/l
- ☐ 62. CBOD
- ☐ 6. Pesticides/PCBs (USEPA 608-GC)
- ☐ 9. BOD
- ☐ 12. TSS
- ☐ 15. Ammonia
- ☐ 18. Reactive Phosphorus
- ☐ 21. Total Phenols
- ☐ 60. PCBs congener method (ASP 91-11)
- ☐ 64. Total Solids
- ☐ 65. Volatiles (USEPA 524.2 GC/MS)

CONTRACT LABORATORY PROTOCOLS

- ☐ 23 (ALL)—Water—Includes 24-28
- ☐ 24 Base/Neutral/Acid (B/N/A)—Water—GC/MS (ASP #95-2)
- ☐ 25 Volatile Organic Analysis VOA—Water—GC/MS (ASP #95-1)
- ☐ 26 Pesticides/PCBs—Water—GC/MS (ASP #95-3)
- ☐ 27 Metals—23 in Water
- ☐ 28 Cyanide—Water
- ☐ 66 Dioxin-Water (ASP #91-7)
- ☐ 35 Other ____
- ☐ 29. (ALL)—Soil/Sediments—Includes 30-34
- ☐ 30. (B/N/A)—Soil/Sediments—GC/MS (ASP #95-2)
- ☐ 31. VOA—Soil/Sediments—GC/MS (ASP #95-1)
- ☐ 32. Pesticides/PCBs—Soil/Sediments—GC (ASP #95-3)
- ☐ 33. Metals—23 in Soil/Sediments)
- ☐ 34. Cyanide—Soil/Sediments)
- ☐ 67. Dioxin-Soil/Sediments (ASP #91-7)

HAZARDOUS WASTES/RCRA ANALYSIS SW-846

- ☐ 36. EP Toxicity
- ☐ 39. Corrosivity
- ☐ 42. Pesticides/PCBs (USEPA 8081)
- ☐ 45. Reactivity
- ☐ 48. Other ____
- ☐ 37. EP Toxicity (Metals Only)
- ☐ 40. VOA—(USEPA 8260 GC/MS)
- ☒ 43. TCLP
- ☐ 46. Dioxin (USEPA 8280)
- ☐ 63 Percent Solids
- ☐ 38. Ignitability
- ☐ 41. BNA—(USEPA 8270 GC/MS)
- ☐ 44. TCLP (Metals Only)
- ☐ 47. Appendix IX
- ☐ 68. Metals—17 Hazardous

MUNICIPAL SLUDGE

☐ 56. RS-01 ☐ 57. RS-02 ☐ 58. Other ____

COLLECTED BY:	TELEPHONE NUMBER:	REGION NO.:
[illegible] / Russ Mulvey	(518) 897-1242	5

CONTRACT LABORATORY:	COUNTY:	SAMPLING DATE:	MILITARY TIME:
[illegible]	Washington	4/23/98	14 15

SAMPLE MATRIX:

☐ Air ☒ Soil/Sediment ☐ Groundwater ☐ Surface Water ☐ Wastewater ☐ Other ____

CASE NO.	SDG NO.	SAMPLE NO.	CHECK FOR MS/MD	TYPE OF SAMPLE
1 4 5 9 4	1 4 2 3 1	1 T G 4 P 1	☐ This sample	☐ Grab ☐ Composite ☐ Term ____ hours

☐ Check if there will be more samples with this SDG sent in this calendar week.

SAMPLING POINT:

Report via Category B, unless checked ☐

Check if field duplicate ☐ Outfall Number

Check if sampling is part of inspection ☐

FLOW: ____ GPD ____ MGD

SPDES NUMBER/REGISTRY NUMBER

| | | | | | |

74-15-1 (9/97)—q

SEND THIS SHEET WITH SAMPLE TO CONTACT LAB

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

CONTRACT LAB SAMPLE INFORMATION SHEET

Print Legibly

Part 3

CAUTION (check if applicable)

☒ Lab personnel are expected to use caution when handling DEC samples, however, please use special caution when handling this sample since it is believed to contain significant concentrations of hazardous and/or toxic materials(s)

CHECK THE BOX PRECEDING THE REQUESTED ANALYSIS

PRIORITY POLLUTANTS (Water Part 136)—SPDES

☐ 2. 13PP Metals
☐ 4. Acids Base/Neutrals (USEPA 624 GC/MS)
☐ 7. Halogenated Volatiles (USEPA 601 GC)
☐ 10. pH
☐ 13. Settleable Solids
☐ 16. Nitrate/Nitrite
☐ 19. Oil/Grease)
☐ 22. Other ______
☐ 3. Volatiles—(USEPA 624 GC/MS)
☐ 5. Cyanide
☐ 8. Aromatic Volatiles USEPA 602 GC)
☐ 11. COD
☐ 14. TKN
☐ 17. Total Phosphorus
☐ 20. TOC
☐ 59. PCBs at 0.065 ug/l
☐ 62. CBOD
☐ 6. Pesticides/PCBs (USEPA 608-GC)
☐ 9. BOD
☐ 12. TSS
☐ 15. Ammonia
☐ 18. Reactive Phosphorus
☐ 21. Total Phenols
☐ 60. PCBs congener method (ASP 91-11)
☐ 64. Total Solids
☐ 65. Volatiles (USEPA 524.2 GC/MS)

CONTRACT LABORATORY PROTOCOLS

☐ 23 (ALL)—Water—Includes 24-28
☐ 24 Base/Neutral/Acid (B/N/A)—Water—GC/MS (ASP #95-2)
☐ 25 Volatile Organic Analysis VOA—Water—GC/MS (ASP #95-1)
☐ 26 Pesticides/PCBs—Water—GC/MS (ASP #95-3)
☐ 27 Metals—23 in Water
☐ 28 Cyanide—Water
☐ 66 Dioxin-Water (ASP #91-7)
☐ 35 Other ______
☐ 29. (ALL)—Soil/Sediments—Includes 30-34
☐ 30. (B/N/A)—Soil/Sediments—GC/MS (ASP #95-2)
☐ 31. VOA—Soil/Sediments—GC/MS (ASP #95-1)
☐ 32. Pesticides/PCBs—Soil/Sediments—GC (ASP #95-3)
☐ 33. Metals—23 in Soil/Sediments)
☐ 34. Cyanide—Soil/Sediments)
☐ 67. Dioxin-Soil/Sediments (ASP #91-7)

HAZARDOUS WASTES/RCRA ANALYSIS SW-846

☐ 36. EP Toxicity
☐ 39. Corrosivity
☐ 42. Pesticides/PCBs (USEPA 8081)
☐ 45. Reactivity
☐ 48. Other ______
☐ 37. EP Toxicity (Metals Only)
☐ 40. VOA—(USEPA 8260 GC/MS)
☒ 43. TCLP
☐ 46. Dioxin (USEPA 8280)
☐ 63 Percent Solids
☐ 38. Ignitability
☐ 41. BNA—(USEPA 8270 GC/MS)
☐ 44. TCLP (Metals Only)
☐ 47. Appendix IX
☐ 68. Metals—17 Hazardous

MUNICIPAL SLUDGE

☐ 56. RS-01 ☐ 57. RS-02 ☐ 58. Other ______

COLLECTED BY:	TELEPHONE NUMBER:	REGION NO.:
Burt Pine / Russ Mulvey	([illegible]) 2?7-1247	5

CONTRACT LABORATORY:	COUNTY:	SAMPLING DATE:	MILITARY TIME:
DEC [illegible]	Washington	4/23/98	14 30

SAMPLE MATRIX:

☐ Air ☒ Soil/Sediment ☐ Groundwater ☐ Surface Water ☐ Wastewater ☐ Other ______

CASE NO.	SDG NO.	SAMPLE NO.	CHECK FOR MS/MD	TYPE OF SAMPLE
9 4 9 7 8	0 4 2 3	TG473	☐ This sample	☐ Grab ☐ Composite ☐ Term ____ hours

☐ Check if there will be more samples with this SDG sent in this calendar week.

SAMPLING POINT: [illegible]

Report via Category B, unless checked ☐
Check if field duplicate ☐ Outfall Number
Check if sampling is part of inspection ☐
FLOW: ______ GPD ______ MGD

SPDES NUMBER/REGISTRY NUMBER

74-15-1 (9/97)—q

SEND THIS SHEET WITH SAMPLE TO CONTACT LAB

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

CONTRACT LAB SAMPLE INFORMATION SHEET

Print Legibly

Part 3

CAUTION (check if applicable)

☐ Lab personnel are expected to use caution when handling DEC samples, however, please use special caution when handling this sample since it is believed to contain significant concentrations of hazardous and/or toxic materials(s)

CHECK THE BOX PRECEDING THE REQUESTED ANALYSIS

PRIORITY POLLUTANTS (Water Part 136)—SPDES

☐ 2. 13PP Metals
☐ 4. Acids Base/Neutrals (USEPA 624 GC/MS)
☐ 7. Halogenated Volatiles (USEPA 601 GC)
☐ 10. pH
☐ 13. Settleable Solids
☐ 16. Nitrate/Nitrite
☐ 19. Oil/Grease)
☐ 22. Other ____
☐ 3. Volatiles—(USEPA 624 GC/MS)
☐ 5. Cyanide
☐ 8. Aromatic Volatiles USEPA 602 GC)
☐ 11. COD
☐ 14. TKN
☐ 17. Total Phosphorus
☐ 20. TOC
☐ 59. PCBs at 0.065 ug/l
☐ 62. CBOD
☐ 6. Pesticides/PCBs (USEPA 608-GC)
☐ 9. BOD
☐ 12. TSS
☐ 15. Ammonia
☐ 18. Reactive Phosphorus
☐ 21. Total Phenols
☐ 60. PCBs congener method (ASP 91-11)
☐ 64. Total Solids
☐ 65. Volatiles (USEPA 524.2 GC/MS)

CONTRACT LABORATORY PROTOCOLS

☐ 23 (ALL)—Water—Includes 24-28
☐ 24 Base/Neutral/Acid (B/N/A)—Water—GC/MS (ASP #95-2)
☐ 25 Volatile Organic Analysis VOA—Water—GC/MS (ASP #95-1)
☐ 26 Pesticides/PCBs—Water—GC/MS (ASP #95-3)
☐ 27 Metals—23 in Water
☐ 28 Cyanide—Water
☐ 66 Dioxin-Water (ASP #91-7)
☐ 35 Other ____
☐ 29. (ALL)—Soil/Sediments—Includes 30-34
☐ 30. (B/N/A)—Soil/Sediments—GC/MS (ASP #95-2)
☐ 31. VOA—Soil/Sediments—GC/MS (ASP #95-1)
☐ 32. Pesticides/PCBs—Soil/Sediments—GC (ASP #95-3)
☐ 33. Metals—23 in Soil/Sediments)
☐ 34. Cyanide—Soil/Sediments)
☐ 67. Dioxin-Soil/Sediments (ASP #91-7)

HAZARDOUS WASTES/RCRA ANALYSIS SW-846

☐ 36. EP Toxicity
☐ 39. Corrosivity
☒ 42. Pesticides/PCBs (USEPA 8081)
☐ 45. Reactivity
☐ 48. Other ____
☐ 37. EP Toxicity (Metals Only)
☒ 40. VOA—(USEPA 8260 GC/MS)
☐ 43. TCLP
☐ 46. Dioxin (USEPA 8280)
☐ 63 Percent Solids
☐ 38. Ignitability
☒ 41. BNA—(USEPA 8270 GC/MS)
☐ 44. TCLP (Metals Only)
☐ 47. Appendix IX
☒ 68. Metals—17 Hazardous

MUNICIPAL SLUDGE

☐ 56. RS-01 ☐ 57. RS-02 ☐ 58. Other ____

COLLECTED BY:	TELEPHONE NUMBER:	REGION NO.:
Burt Pine / Russ Mulvey	518 897-1242	5

CONTRACT LABORATORY:	COUNTY:	SAMPLING DATE:	MILITARY TIME:
RECRA	Washington	4/20/99	11:35

SAMPLE MATRIX:

☐ Air ☐ Soil/Sediment ☐ Groundwater ☒ Surface Water ☐ Wastewater ☐ Other ____

CASE NO.	SDG NO.	SAMPLE NO.	CHECK FOR MS/MD	TYPE OF SAMPLE
1479	9913	9651-3141	☐ This sample	☒ Grab ☐ Composite ☐ Term ____ hours

☐ Check if there will be more samples with this SDG sent in this calendar week.

SAMPLING POINT: [illegible]

Report via Category B, unless checked ☐

Check if field duplicate ☐ Outfall Number

Check if sampling is part of inspection ☐

FLOW: ____ GPD ____ MGD

SPDES NUMBER/REGISTRY NUMBER

74-15-1 (9/97)—q

SEND THIS SHEET WITH SAMPLE TO CONTACT LAB

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

CONTRACT LAB SAMPLE INFORMATION SHEET

Print Legibly

Part 3

CAUTION (check if applicable)

☐ Lab personnel are expected to use caution when handling DEC samples, however, please use special caution when handling this sample since it is believed to contain significant concentrations of hazardous and/or toxic materials(s)

CHECK THE BOX PRECEDING THE REQUESTED ANALYSIS

PRIORITY POLLUTANTS (Water Part 136)—SPDES

☐ 2. 13PP Metals
☐ 4. Acids Base/Neutrals (USEPA 624 GC/MS)
☐ 7. Halogenated Volatiles (USEPA 601 GC)
☐ 10. pH
☐ 13. Settleable Solids
☐ 16. Nitrate/Nitrite
☐ 19. Oil/Grease)
☐ 22. Other ____________
☐ 3. Volatiles—(USEPA 624 GC/MS)
☐ 5. Cyanide
☐ 8. Aromatic Volatiles USEPA 602 GC)
☐ 11. COD
☐ 14. TKN
☐ 17. Total Phosphorus
☐ 20. TOC
☐ 59. PCBs at 0.065 ug/l
☐ 62. CBOD
☐ 6. Pesticides/PCBs (USEPA 608-GC)
☐ 9. BOD
☐ 12. TSS
☐ 15. Ammonia
☐ 18. Reactive Phosphorus
☐ 21. Total Phenols
☐ 60. PCBs congener method (ASP 91-11)
☐ 64. Total Solids
☐ 65. Volatiles (USEPA 524.2 GC/MS)

CONTRACT LABORATORY PROTOCOLS

☐ 23 (ALL)—Water—Includes 24-28
☐ 24 Base/Neutral/Acid (B/N/A)—Water—GC/MS (ASP #95-2)
☐ 25 Volatile Organic Analysis VOA—Water—GC/MS (ASP #95-1)
☐ 26 Pesticides/PCBs—Water—GC/MS (ASP #95-3)
☐ 27 Metals—23 in Water
☐ 28 Cyanide—Water
☐ 66 Dioxin-Water (ASP #91-7)
☐ 35 Other ____________
☐ 29. (ALL)—Soil/Sediments—Includes 30-34
☐ 30. (B/N/A)—Soil/Sediments—GC/MS (ASP #95-2)
☐ 31. VOA—Soil/Sediments—GC/MS (ASP #95-1)
☐ 32. Pesticides/PCBs—Soil/Sediments—GC (ASP #95-3)
☐ 33. Metals—23 in Soil/Sediments)
☐ 34. Cyanide—Soil/Sediments)
☐ 67. Dioxin-Soil/Sediments (ASP #91-7)

HAZARDOUS WASTES/RCRA ANALYSIS SW-846

☐ 36. EP Toxicity
☐ 39. Corrosivity
☒ 42. Pesticides/PCBs (USEPA 8081)
☒ 45. Reactivity
☐ 48. Other ____________
☐ 37. EP Toxicity (Metals Only)
☒ 40. VOA—(USEPA 8260 GC/MS)
☐ 43. TCLP
☐ 46. Dioxin (USEPA 8280)
☐ 63 Percent Solids
☐ 38. Ignitability
☒ 41. BNA—(USEPA 8270 GC/MS)
☒ 44. TCLP (Metals Only)
☐ 47. Appendix IX
☒ 68. Metals—17 Hazardous

MUNICIPAL SLUDGE

☐ 56. RS-01 ☐ 57. RS-02 ☐ 58. Other ____________

COLLECTED BY:	TELEPHONE NUMBER:	REGION NO.:
Bu + Pine / Russ Mulvey	518 897-1242	5

CONTRACT LABORATORY:	COUNTY:	SAMPLING DATE:	MILITARY TIME:
RECRA	Washington	4/23/98	11:30

SAMPLE MATRIX:

☐ Air ☐ Soil/Sediment ☐ Groundwater ☒ Surface Water ☐ Wastewater ☐ Other ____________

CASE NO.	SDG NO.	SAMPLE NO.	CHECK FOR MS/MD	TYPE OF SAMPLE
5H 5 1 8	04 23 B	46 5 5 02	☐ This sample	☒ Grab ☐ Composite ☐ Term ______ hours

☐ Check if there will be more samples with this SDG sent in this calendar week.

SAMPLING POINT:

Report via Category B, unless checked ☐

Check if field duplicate ☐ Outfall Number

Check if sampling is part of inspection ☐

FLOW: ________ GPD ________ MGD

SPDES NUMBER/REGISTRY NUMBER

74-15-1 (9/97)—q

SEND THIS SHEET WITH SAMPLE TO CONTACT LAB

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

CONTRACT LAB SAMPLE INFORMATION SHEET

Print Legibly

Part 3

CAUTION (check if applicable)

☐ Lab personnel are expected to use caution when handling DEC samples, however, please use special caution when handling this sample since it is believed to contain significant concentrations of hazardous and/or toxic materials(s)

CHECK THE BOX PRECEDING THE REQUESTED ANALYSIS

PRIORITY POLLUTANTS (Water Part 136)—SPDES

☐ 2. 13PP Metals
☐ 4. Acids Base/Neutrals (USEPA 624 GC/MS)
☐ 7. Halogenated Volatiles (USEPA 601 GC)
☐ 10. pH
☐ 13. Settleable Solids
☐ 16. Nitrate/Nitrite
☐ 19. Oil/Grease)
☐ 22. Other ______
☐ 3. Volatiles—(USEPA 624 GC/MS)
☐ 5. Cyanide
☐ 8. Aromatic Volatiles USEPA 602 GC)
☐ 11. COD
☐ 14. TKN
☐ 17. Total Phosphorus
☐ 20. TOC
☐ 59. PCBs at 0.065 ug/l
☐ 62. CBOD
☐ 6. Pesticides/PCBs (USEPA 608-GC)
☐ 9. BOD
☐ 12. TSS
☐ 15. Ammonia
☐ 18. Reactive Phosphorus
☐ 21. Total Phenols
☐ 60. PCBs congener method (ASP 91-11)
☐ 64. Total Solids
☐ 65. Volatiles (USEPA 524.2 GC/MS)

CONTRACT LABORATORY PROTOCOLS

☐ 23 (ALL)—Water—Includes 24-28
☐ 24 Base/Neutral/Acid (B/N/A)—Water—GC/MS (ASP #95-2)
☐ 25 Volatile Organic Analysis VOA—Water—GC/MS (ASP #95-1)
☐ 26 Pesticides/PCBs—Water—GC/MS (ASP #95-3)
☐ 27 Metals—23 in Water
☐ 28 Cyanide—Water
☐ 66 Dioxin-Water (ASP #91-7)
☐ 35 Other ______
☐ 29. (ALL)—Soil/Sediments—Includes 30-34
☐ 30. (B/N/A)—Soil/Sediments—GC/MS (ASP #95-2)
☐ 31. VOA—Soil/Sediments—GC/MS (ASP #95-1)
☐ 32. Pesticides/PCBs—Soil/Sediments—GC (ASP #95-3)
☐ 33. Metals—23 in Soil/Sediments)
☐ 34. Cyanide—Soil/Sediments)
☐ 67. Dioxin-Soil/Sediments (ASP #91-7)

HAZARDOUS WASTES/RCRA ANALYSIS SW-846

☐ 36. EP Toxicity
☐ 39. Corrosivity
☒ 42. Pesticides/PCBs (USEPA 8081)
☐ 45. Reactivity
☐ 48. Other ______
☐ 37. EP Toxicity (Metals Only)
☒ 40. VOA—(USEPA 8260 GC/MS)
☐ 43. TCLP
☐ 46. Dioxin (USEPA 8280)
☐ 63 Percent Solids
☐ 38. Ignitability
☒ 41. BNA—(USEPA 8270 GC/MS)
☐ 44. TCLP (Metals Only)
☐ 47. Appendix IX
☒ 68. Metals—17 Hazardous

MUNICIPAL SLUDGE

☐ 56. RS-01 ☐ 57. RS-02 ☐ 58. Other ______

COLLECTED BY:	TELEPHONE NUMBER:	REGION NO.:
[illegible] Mulvey / Burt Pine	(518) 397-1242	[illegible]

CONTRACT LABORATORY:	COUNTY:	SAMPLING DATE:	MILITARY TIME:
RFWA	Washington	1/12/93	1200

SAMPLE MATRIX:

☐ Air ☐ Soil/Sediment ☐ Groundwater ☒ Surface Water ☐ Wastewater ☐ Other ______

CASE NO.	SDG NO.	SAMPLE NO.	CHECK FOR MS/MD	TYPE OF SAMPLE
14778	14231	946343	☒ This sample	☒ Grab ☐ Composite ☐ Term ____ hours

☐ Check if there will be more samples with this SDG sent in this calendar week.

SAMPLING POINT:

Report via Category B, unless checked ☐

Check if field duplicate ☐ Outfall Number

Check if sampling is part of inspection ☐

FLOW: ______ GPD ______ MGD

SPDES NUMBER/REGISTRY NUMBER

74-15-1 (9/97)—q

SEND THIS SHEET WITH SAMPLE TO CONTACT LAB

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

CONTRACT LAB SAMPLE INFORMATION SHEET

Print Legibly

Part 3

CAUTION (check if applicable)

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CHECK THE BOX PRECEDING THE REQUESTED ANALYSIS

PRIORITY POLLUTANTS (Water Part 136)—SPDES

☐ 2. 13PP Metals
☐ 4. Acids Base/Neutrals (USEPA 624 GC/MS)
☐ 7. Halogenated Volatiles (USEPA 601 GC)
☐ 10. pH
☐ 13. Settleable Solids
☐ 16. Nitrate/Nitrite
☐ 19. Oil/Grease)
☐ 22. Other ______
☐ 3. Volatiles—(USEPA 624 GC/MS)
☐ 5. Cyanide
☐ 8. Aromatic Volatiles USEPA 602 GC)
☐ 11. COD
☐ 14. TKN
☐ 17. Total Phosphorus
☐ 20. TOC
☐ 59. PCBs at 0.065 ug/l
☐ 62. CBOD
☐ 6. Pesticides/PCBs (USEPA 608-GC)
☐ 9. BOD
☐ 12. TSS
☐ 15. Ammonia
☐ 18. Reactive Phosphorus
☐ 21. Total Phenols
☐ 60. PCBs congener method (ASP 91-11)
☐ 64. Total Solids
☐ 65. Volatiles (USEPA 524.2 GC/MS)

CONTRACT LABORATORY PROTOCOLS

☐ 23 (ALL)—Water—Includes 24-28
☐ 24 Base/Neutral/Acid (B/N/A)—Water—GC/MS (ASP #95-2)
☐ 25 Volatile Organic Analysis VOA—Water—GC/MS (ASP #95-1)
☐ 26 Pesticides/PCBs—Water—GC/MS (ASP #95-3)
☐ 27 Metals—23 in Water
☐ 28 Cyanide—Water
☐ 66 Dioxin-Water (ASP #91-7)
☐ 35 Other ______
☐ 29. (ALL)—Soil/Sediments—Includes 30-34
☐ 30. (B/N/A)—Soil/Sediments—GC/MS (ASP #95-2)
☐ 31. VOA—Soil/Sediments—GC/MS (ASP #95-1)
☐ 32. Pesticides/PCBs—Soil/Sediments—GC (ASP #95-3)
☐ 33. Metals—23 in Soil/Sediments)
☐ 34. Cyanide—Soil/Sediments)
☐ 67. Dioxin-Soil/Sediments (ASP #91-7)

HAZARDOUS WASTES/RCRA ANALYSIS SW-846

☐ 36. EP Toxicity
☐ 39. Corrosivity
☒ 42. Pesticides/PCBs (USEPA 8081)
☐ 45. Reactivity
☐ 48. Other ______
☐ 37. EP Toxicity (Metals Only)
☒ 40. VOA—(USEPA 8260 GC/MS)
☐ 43. TCLP
☐ 46. Dioxin (USEPA 8280)
☐ 63 Percent Solids
☐ 38. Ignitability
☒ 41. BNA—(USEPA 8270 GC/MS)
☐ 44. TCLP (Metals Only)
☐ 47. Appendix IX
☒ 68. Metals—17 Hazardous

MUNICIPAL SLUDGE

☐ 56. RS-01 ☐ 57. RS-02 ☐ 58. Other ______

COLLECTED BY:	TELEPHONE NUMBER:	REGION NO.:
Burt Pine / Russ Mulvey	(518) 897-1242	5

CONTRACT LABORATORY:	COUNTY:	SAMPLING DATE:	MILITARY TIME:
NEA RA	Washington	7/23/98	1335

SAMPLE MATRIX:

☐ Air ☐ Soil/Sediment ☐ Groundwater ☒ Surface Water ☐ Wastewater ☐ Other ______

CASE NO.	SDG NO.	SAMPLE NO.	CHECK FOR MS/MD	TYPE OF SAMPLE
5 | 4 | 7 | 9 | 3	4 | 9 | 2 | 3 | 3	4 | 6 | 9 | 2 | 4 | 9	☐ This sample	☒ Grab ☐ Composite ☐ Term ____ hours

☐ Check if there will be more samples with this SDG sent in this calendar week.

Report via Category B, unless checked ☐

Check if field duplicate ☐ Outfall Number

Check if sampling is part of inspection ☐

FLOW: ______ GPD ______ MGD

SAMPLING POINT:

SPDES NUMBER/REGISTRY NUMBER

| | | | | | |

74-15-1 (9/97)—q

SEND THIS SHEET WITH SAMPLE TO CONTACT LAB

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

CONTRACT LAB SAMPLE INFORMATION SHEET

Print Legibly

Part 3

CAUTION (check if applicable)

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CHECK THE BOX PRECEDING THE REQUESTED ANALYSIS

PRIORITY POLLUTANTS (Water Part 136)—SPDES

- ☐ 2. 13PP Metals
- ☐ 4. Acids Base/Neutrals (USEPA 624 GC/MS)
- ☐ 7. Halogenated Volatiles (USEPA 601 GC)
- ☐ 10. pH
- ☐ 13. Settleable Solids
- ☐ 16. Nitrate/Nitrite
- ☐ 19. Oil/Grease)
- ☐ 22. Other ____
- ☐ 3. Volatiles—(USEPA 624 GC/MS)
- ☐ 5. Cyanide
- ☐ 8. Aromatic Volatiles USEPA 602 GC)
- ☐ 11. COD
- ☐ 14. TKN
- ☐ 17. Total Phosphorus
- ☐ 20. TOC
- ☐ 59. PCBs at 0.065 ug/l
- ☐ 62. CBOD
- ☐ 6. Pesticides/PCBs (USEPA 608-GC)
- ☐ 9. BOD
- ☐ 12. TSS
- ☐ 15. Ammonia
- ☐ 18. Reactive Phosphorus
- ☐ 21. Total Phenols
- ☐ 60. PCBs congener method (ASP 91-11)
- ☐ 64. Total Solids
- ☐ 65. Volatiles (USEPA 524.2 GC/MS)

CONTRACT LABORATORY PROTOCOLS

- ☐ 23 (ALL)—Water—Includes 24-28
- ☐ 24 Base/Neutral/Acid (B/N/A)—Water—GC/MS (ASP #95-2)
- ☐ 25 Volatile Organic Analysis VOA—Water—GC/MS (ASP #95-1)
- ☐ 26 Pesticides/PCBs—Water—GC/MS (ASP #95-3)
- ☐ 27 Metals—23 in Water
- ☐ 28 Cyanide—Water
- ☐ 66 Dioxin-Water (ASP #91-7)
- ☐ 35 Other ____
- ☐ 29. (ALL)—Soil/Sediments—Includes 30-34
- ☐ 30. (B/N/A)—Soil/Sediments—GC/MS (ASP #95-2)
- ☐ 31. VOA—Soil/Sediments—GC/MS (ASP #95-1)
- ☐ 32. Pesticides/PCBs—Soil/Sediments—GC (ASP #95-3)
- ☐ 33. Metals—23 in Soil/Sediments)
- ☐ 34. Cyanide—Soil/Sediments)
- ☐ 67. Dioxin-Soil/Sediments (ASP #91-7)

HAZARDOUS WASTES/RCRA ANALYSIS SW-846

- ☐ 36. EP Toxicity
- ☐ 39. Corrosivity
- ☒ 42. Pesticides/PCBs (USEPA 8081)
- ☐ 45. Reactivity
- ☐ 48. Other ____
- ☐ 37. EP Toxicity (Metals Only)
- ☒ 40. VOA—(USEPA 8260 GC/MS)
- ☐ 43. TCLP
- ☐ 46. Dioxin (USEPA 8280)
- ☐ 63 Percent Solids
- ☐ 38. Ignitability
- ☒ 41. BNA—(USEPA 8270 GC/MS)
- ☐ 44. TCLP (Metals Only)
- ☐ 47. Appendix IX
- ☒ 68. Metals—17 Hazardous

MUNICIPAL SLUDGE

☐ 56. RS-01 ☐ 57. RS-02 ☐ 58. Other ____

COLLECTED BY:	TELEPHONE NUMBER:	REGION NO.:
Bert Pine / Russ Mulroy	(518) 897-1242	5

CONTRACT LABORATORY:	COUNTY:	SAMPLING DATE:	MILITARY TIME:
RECRA	Washington	9/23/98	1400

SAMPLE MATRIX:

☐ Air ☐ Soil/Sediment ☐ Groundwater ☒ Surface Water ☐ Wastewater ☐ Other ____

CASE NO.	SDG NO.	SAMPLE NO.	CHECK FOR MS/MD	TYPE OF SAMPLE
14715	49436	165815	☐ This sample	☒ Grab ☐ Composite ☐ Term ____ hours

☐ Check if there will be more samples with this SDG sent in this calendar week.

SAMPLING POINT: [illegible]

- Report via Category B, unless checked ☐
- Check if field duplicate ☐ Outfall Number
- Check if sampling is part of inspection ☐
- FLOW: ____ GPD ____ MGD

SPDES NUMBER/REGISTRY NUMBER

| | | | | | |

74-15-1 (9/97)—q

SEND THIS SHEET WITH SAMPLE TO CONTACT LAB

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

CONTRACT LAB SAMPLE INFORMATION SHEET

Print Legibly

Part 3

CAUTION (check if applicable)

☐ Lab personnel are expected to use caution when handling DEC samples, however, please use special caution when handling this sample since it is believed to contain significant concentrations of hazardous and/or toxic materials(s)

CHECK THE BOX PRECEDING THE REQUESTED ANALYSIS

PRIORITY POLLUTANTS (Water Part 136)—SPDES

☐ 2. 13PP Metals
☐ 3. Volatiles—(USEPA 624 GC/MS)
☐ 6. Pesticides/PCBs (USEPA 608-GC)
☐ 4. Acids Base/Neutrals (USEPA 624 GC/MS)
☐ 5. Cyanide
☐ 9. BOD
☐ 7. Halogenated Volatiles (USEPA 601 GC)
☐ 8. Aromatic Volatiles USEPA 602 GC)
☐ 12. TSS
☐ 10. pH
☐ 11. COD
☐ 15. Ammonia
☐ 13. Settleable Solids
☐ 14. TKN
☐ 18. Reactive Phosphorus
☐ 16. Nitrate/Nitrite
☐ 17. Total Phosphorus
☐ 21. Total Phenols
☐ 19. Oil/Grease)
☐ 20. TOC
☐ 60. PCBs congener method (ASP 91-11)
☐ 22. Other ____
☐ 59. PCBs at 0.065 ug/l
☐ 64. Total Solids
☐ 62. CBOD
☐ 65. Volatiles (USEPA 524.2 GC/MS)

CONTRACT LABORATORY PROTOCOLS

☐ 23 (ALL)—Water—Includes 24-28
☐ 29. (ALL)—Soil/Sediments—Includes 30-34
☐ 24 Base/Neutral/Acid (B/N/A)—Water—GC/MS (ASP #95-2)
☐ 30. (B/N/A)—Soil/Sediments—GC/MS (ASP #95-2)
☐ 25 Volatile Organic Analysis VOA—Water—GC/MS (ASP #95-1)
☐ 31. VOA—Soil/Sediments—GC/MS (ASP #95-1)
☐ 26 Pesticides/PCBs—Water—GC/MS (ASP #95-3)
☐ 32. Pesticides/PCBs—Soil/Sediments—GC (ASP #95-3)
☐ 27 Metals—23 in Water
☐ 33. Metals—23 in Soil/Sediments)
☐ 28 Cyanide—Water
☐ 34. Cyanide—Soil/Sediments)
☐ 66 Dioxin-Water (ASP #91-7)
☐ 67. Dioxin-Soil/Sediments (ASP #91-7)
☐ 35 Other ____

HAZARDOUS WASTES/RCRA ANALYSIS SW-846

☐ 36. EP Toxicity
☐ 37. EP Toxicity (Metals Only)
☐ 38. Ignitability
☐ 39. Corrosivity
☒ 40. VOA—(USEPA 8260 GC/MS)
☐ 41. BNA—(USEPA 8270 GC/MS)
☐ 42. Pesticides/PCBs (USEPA 8081)
☐ 43. TCLP
☐ 44. TCLP (Metals Only)
☐ 45. Reactivity
☐ 46. Dioxin (USEPA 8280)
☐ 47. Appendix IX
☐ 48. Other ____
☐ 63. Percent Solids
☐ 68. Metals—17 Hazardous

MUNICIPAL SLUDGE

☐ 56. RS-01 ☐ 57. RS-02 ☐ 58. Other ____

COLLECTED BY:	TELEPHONE NUMBER:	REGION NO.:
Dart Pine / Russ Mayher	(518) 897-1242	5

CONTRACT LABORATORY:	COUNTY:	SAMPLING DATE:	MILITARY TIME:
RECRA	Washington	4/23/98	1130

SAMPLE MATRIX:

☐ Air ☐ Soil/Sediment ☐ Groundwater ☒ Surface Water ☐ Wastewater ☐ Other ____

CASE NO.	SDG NO.	SAMPLE NO.	CHECK FOR MS/MD	TYPE OF SAMPLE
14595	041236	4675446	☐ This sample	☒ Grab ☐ Composite ☐ Term ____ hours

☐ Check if there will be more samples with this SDG sent in this calendar week.

SAMPLING POINT:

Report via Category B, unless checked ☐

Check if field duplicate ☐ | Outfall Number

Check if sampling is part of inspection ☐

FLOW: ________ GPD ________ MGD

SPDES NUMBER/REGISTRY NUMBER

| | | | | |

Sample Information	Cust ID:	SH598-042398 -TB1	SH598-042398 -SED1	SH598-042398 -SED1	SH598-042398 -SED2	SH598-042398 -SED3	SH598-042398 -SED3
	RFW#:	001	002	002	003	004	004 MS
	Matrix:	WATER	SEDIMENT	SEDIMENT	SEDIMENT	SEDIMENT	SEDIMENT
	D.F.:	1.00	1.04	1.04	1.06	1.04	1.04
	Units:	UG/L	UG/KG	UG/KG REPREP	UG/KG	UG/KG	UG/KG
Surrogate Recovery	Toluene-d8	100 %	119 * %	114 %	113 %	110 %	115 %
	Bromofluorobenzene	97 %	65 * %	72 * %	83 %	69 * %	65 * %
	1,2-Dichloroethane-d4	95 %	86 %	80 %	92 %	83 %	90 %
Chloromethane		10 U	29 U	5 JB	71 U	17 U	17 U
Bromomethane		10 U	29 U	29 U	71 U	17 U	17 U
Vinyl Chloride		10 U	29 U	29 U	71 U	17 U	17 U
Chloroethane		10 U	29 U	29 U	71 U	17 U	17 U
Methylene Chloride		4 JB	14 JB	15 B	47 B	9 B	7 JB
Acetone		10 U	190 B	300 B	210 B	120 B	350 EB
Carbon Disulfide		5 U	14 U	14 U	36 U	8 U	8 U
1,1-Dichloroethene		5 U	14 U	14 U	36 U	8 U	94 %
1,1-Dichloroethane		5 U	14 U	14 U	36 U	8 U	8 U
1,2-Dichloroethene (total)		5 U	14 U	14 U	36 U	8 U	8 U
Chloroform		5 U	14 U	14 U	36 U	8 U	8 U
1,2-Dichloroethane		5 U	14 U	14 U	36 U	8 U	8 U
2-Butanone		10 U	49	93	71 U	25	92
1,1,1-Trichloroethane		5 U	14 U	14 U	36 U	8 U	8 U
Carbon Tetrachloride		5 U	14 U	14 U	36 U	8 U	8 U
Vinyl Acetate		10 U	29 U	29 U	71 U	17 U	17 U
Bromodichloromethane		5 U	14 U	14 U	36 U	8 U	8 U
1,2-Dichloropropane		5 U	14 U	14 U	36 U	8 U	8 U
cis-1,3-Dichloropropene		5 U	14 U	14 U	36 U	8 U	8 U
Trichloroethene		5 U	14 U	14 U	36 U	8 U	101 %
Dibromochloromethane		5 U	14 U	14 U	36 U	8 U	8 U
1,1,2-Trichloroethane		5 U	14 U	14 U	36 U	8 U	8 U
Benzene		5 U	14 U	14 U	36 U	8 U	109 %
Trans-1,3-Dichloropropene		5 U	14 U	14 U	36 U	8 U	8 U
Bromoform		5 U	14 U	14 U	36 U	8 U	8 U
4-Methyl-2-pentanone		10 U	29 U	29 U	71 U	17 U	17 U
2-Hexanone		10 U	29 U	29 U	71 U	17 U	17 U
Tetrachloroethene		5 U	14 U	14 U	36 U	8 U	8 U
1,1,2,2-Tetrachloroethane		5 U	14 U	14 U	36 U	8 U	8 U

*= Outside of EPA CLP QC limits.

RFW Ba Number: 9804L560 Client: NYSDEC Work Order: 01667600001 Page: 1b

Cust ID:	SH598-042398 -TB1	SH598-042398 -SED1	SH598-042398 -SED1	SH598-042398 -SED2	SH598-042398 -SED3	SH598-042398 -SED3
RFW#:	001	002	002 REPREP	003	004	004 MS
Toluene	5 U	14 U	14 U	36 U	8 U	126 %
Chlorobenzene	5 U	14 U	14 U	36 U	8 U	108 %
Ethylbenzene	5 U	14 U	14 U	36 U	8 U	8 U
Styrene	5 U	14 U	14 U	36 U	8 U	8 U
Xylene (total)	5 U	14 U	14 U	36 U	8 U	8 U

*= Outside of EPA CLP QC limits.

015

Sample Information	Cust ID:	SH598-042398 -SED3	SH598-042398 -SED4	SH598-042398 -SED5	SH598-042398 -SED6	SH598-042398 -SED6	SH598-042398 -SW1
	RFW#:	004 MSD	005	006	007	007	010
	Matrix:	SEDIMENT	SEDIMENT	SEDIMENT	SEDIMENT	SEDIMENT	WATER
	D.F.:	1.04	1.00	0.980	1.14	0.980	1.00
	Units:	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG REPREP	UG/L
Surrogate Recovery	Toluene-d8	110 %	106 %	107 %	130 * %	126 * %	101 %
	Bromofluorobenzene	66 * %	94 %	90 %	50 * %	76 %	97 %
	1,2-Dichloroethane-d4	84 %	100 %	104 %	86 %	111 %	97 %
Chloromethane		17 U	15 U	17 U	33 U	29 U	10 U
Bromomethane		17 U	15 U	17 U	33 U	29 U	10 U
Vinyl Chloride		17 U	15 U	17 U	33 U	29 U	10 U
Chloroethane		17 U	15 U	17 U	33 U	29 U	10 U
Methylene Chloride		6 JB	7 JB	9 B	17 B	24 B	5 U
Acetone		230 B	39 B	26 B	550 B	750 EB	10 U
Carbon Disulfide		8 U	8 U	8 U	16 U	14 U	5 U
1,1-Dichloroethene		94 %	8 U	8 U	16 U	14 U	5 U
1,1-Dichloroethane		8 U	8 U	8 U	16 U	14 U	5 U
1,2-Dichloroethene (total)		8 U	8 U	8 U	16 U	14 U	5 U
Chloroform		8 U	8 U	8 U	16 U	14 U	5 U
1,2-Dichloroethane		8 U	8 U	8 U	16 U	14 U	5 U
2-Butanone		58	15 U	17 U	190	190	10 U
1,1,1-Trichloroethane		8 U	8 U	8 U	16 U	14 U	5 U
Carbon Tetrachloride		8 U	8 U	8 U	16 U	14 U	5 U
Vinyl Acetate		17 U	15 U	17 U	33 U	29 U	10 U
Bromodichloromethane		8 U	8 U	8 U	16 U	14 U	5 U
1,2-Dichloropropane		8 U	8 U	8 U	16 U	14 U	5 U
cis-1,3-Dichloropropene		8 U	8 U	8 U	16 U	14 U	5 U
Trichloroethene		97 %	8 U	8 U	16 U	14 U	5 U
Dibromochloromethane		8 U	8 U	8 U	16 U	14 U	5 U
1,1,2-Trichloroethane		8 U	8 U	8 U	16 U	14 U	5 U
Benzene		102 %	8 U	8 U	16 U	14 U	5 U
Trans-1,3-Dichloropropene		8 U	8 U	8 U	16 U	14 U	5 U
Bromoform		8 U	8 U	8 U	16 U	14 U	5 U
4-Methyl-2-pentanone		17 U	15 U	17 U	33 U	29 U	10 U
2-Hexanone		17 U	15 U	17 U	33 U	29 U	10 U
Tetrachloroethene		8 U	8 U	8 U	16 U	14 U	5 U
1,1,2,2-Tetrachloroethane		8 U	8 U	8 U	16 U	14 U	5 U

*= Outside of EPA CLP QC limits.

RFW Ba Number: 9804L560 Client: NYSDEC Work Order: 01667600001 Page: 2b

Cust ID:	SH598-042398 -SED3	SH598-042398 -SED4	SH598-042398 -SED5	SH598-042398 -SED6	SH598-042398 -SED6	SH598-042398 -SW1
RFW#:	004 MSD	005	006	007	007 REPREP	010
Toluene	120 %	8 U	8 U	16 U	14 U	5 U
Chlorobenzene	105 %	8 U	8 U	16 U	14 U	5 U
Ethylbenzene	8 U	8 U	8 U	16 U	14 U	5 U
Styrene	8 U	8 U	8 U	16 U	14 U	5 U
Xylene (total)	8 U	8 U	8 U	16 U	14 U	5 U

*= Outside of EPA CLP QC limits.

017

Sample Information	Cust ID:	SH598-042398 -SW2		SH598-042398 -SW3		SH598-042398 -SW3		SH598-042398 -SW3		SH598-042398 -SW4		SH598-042398 -SW5	
	RFW#:	011		012		012 MS		012 MSD		013		014	
	Matrix:	WATER		WATER		WATER		WATER		WATER		WATER	
	D.F.:	1.00		1.00		1.00		1.00		1.00		1.00	
	Units:	UG/L		UG/L		UG/L		UG/L		UG/L		UG/L	
Surrogate Recovery	Toluene-d8	100	%	100	%	102	%	102	%	101	%	99	%
	Bromofluorobenzene	95	%	95	%	94	%	98	%	99	%	97	%
	1,2-Dichloroethane-d4	96	%	98	%	96	%	101	%	96	%	98	%
Chloromethane		10	U	10	U	10	U	10	U	10	U	10	U
Bromomethane		10	U	10	U	10	U	10	U	10	U	10	U
Vinyl Chloride		10	U	10	U	10	U	10	U	10	U	10	U
Chloroethane		10	U	10	U	10	U	10	U	10	U	10	U
Methylene Chloride		3	JB	3	JB	3	JB	1	JB	3	JB	3	JB
Acetone		10	U	10	U	10	U	10	U	10	U	10	U
Carbon Disulfide		5	U	5	U	5	U	5	U	5	U	5	U
1,1-Dichloroethene		5	U	5	U	100	%	77	%	5	U	5	U
1,1-Dichloroethane		5	U	5	U	5	U	5	U	5	U	5	U
1,2-Dichloroethene (total)		5	U	5	U	5	U	5	U	5	U	5	U
Chloroform		5	U	5	U	5	U	5	U	5	U	5	U
1,2-Dichloroethane		5	U	5	U	5	U	5	U	5	U	5	U
2-Butanone		10	U	10	U	10	U	10	U	10	U	10	U
1,1,1-Trichloroethane		5	U	5	U	5	U	5	U	5	U	5	U
Carbon Tetrachloride		5	U	5	U	5	U	5	U	5	U	5	U
Vinyl Acetate		10	U	10	U	10	U	10	U	10	U	10	U
Bromodichloromethane		5	U	5	U	5	U	5	U	5	U	5	U
1,2-Dichloropropane		5	U	5	U	5	U	5	U	5	U	5	U
cis-1,3-Dichloropropene		5	U	5	U	5	U	5	U	5	U	5	U
Trichloroethene		5	U	5	U	94	%	94	%	5	U	5	U
Dibromochloromethane		5	U	5	U	5	U	5	U	5	U	5	U
1,1,2-Trichloroethane		5	U	5	U	5	U	5	U	5	U	5	U
Benzene		5	U	5	U	100	%	101	%	5	U	5	U
Trans-1,3-Dichloropropene		5	U	5	U	5	U	5	U	5	U	5	U
Bromoform		5	U	5	U	5	U	5	U	5	U	5	U
4-Methyl-2-pentanone		10	U	10	U	10	U	10	U	10	U	10	U
2-Hexanone		10	U	10	U	10	U	10	U	10	U	10	U
Tetrachloroethene		5	U	5	U	5	U	5	U	5	U	5	U
1,1,2,2-Tetrachloroethane		5	U	5	U	5	U	5	U	5	U	5	U

*= Outside of EPA CLP QC limits.

RFW B | Number: 9804.560 | Client: NYSDEC | Work Order: 01667600001 | Page: 3b

	Cust ID:	SH598-042398 -SW2	SH598-042398 -SW3	SH598-042398 -SW3	SH598-042398 -SW3	SH598-042398 -SW4	SH598-042398 -SW5
	RFW#:	011	012	012 MS	012 MSD	013	014
Toluene		5 U	5 U	102 %	102 %	5 U	5 U
Chlorobenzene		5 U	5 U	100 %	101 %	5 U	5 U
Ethylbenzene		5 U	5 U	5 U	5 U	5 U	5 U
Styrene		5 U	5 U	5 U	5 U	5 U	5 U
Xylene (total)		5 U	5 U	5 U	5 U	5 U	5 U

*= Outside of EPA CLP QC limits.

019

Sample Information													
Cust ID:	SH598-042398-SW6		VBLKPI		VBLKPI BS		VBLKTR		VBLKTR BS		VBLKSL	
RFW#:	015		98LVH153-MB1		98LVH153-MB1		98LVN148-MB1		98LVN148-MB1		98LVH163-MB1	
Matrix:	WATER		WATER		WATER		SOIL		SOIL		SOIL	
D.F.:	1.00		1.00		1.00		1.00		1.00		1.00	
Units:	UG/L		UG/L		UG/L		UG/KG		UG/KG		UG/KG	
Surrogate Recovery Toluene-d8	100	%	102	%	100	%	94	%	96	%	101	%
Surrogate Recovery Bromofluorobenzene	98	%	96	%	95	%	87	%	80	%	95	%
Surrogate Recovery 1,2-Dichloroethane-d4	98	%	91	%	96	%	84	%	82	%	96	%
		fl		fl		fl		fl		fl		fl
Chloromethane	10	U	10	U	10	U	8	J	10	U	10	U
Bromomethane	10	U	10	U	10	U	5	J	10	U	10	U
Vinyl Chloride	10	U	10	U	10	U	10	U	10	U	10	U
Chloroethane	10	U	10	U	10	U	10	U	10	U	10	U
Methylene Chloride	3	JB	3	J	3	JB	1	J	4	JB	7	
Acetone	10	U	3	J	10	U	2	J	7	JB	11	
Carbon Disulfide	5	U	5	U	5	U	5	U	5	U	5	U
1,1-Dichloroethene	5	U	5	U	85	%	5	U	97	%	5	U
1,1-Dichloroethane	5	U	5	U	5	U	5	U	5	U	5	U
1,2-Dichloroethene (total)	5	U	5	U	5	U	5	U	5	U	5	U
Chloroform	5	U	5	U	5	U	5	U	5	U	5	U
1,2-Dichloroethane	5	U	5	U	5	U	5	U	5	U	5	U
2-Butanone	10	U	10	U	10	U	10	U	10	U	10	U
1,1,1-Trichloroethane	5	U	5	U	5	U	5	U	5	U	5	U
Carbon Tetrachloride	5	U	5	U	5	U	5	U	5	U	5	U
Vinyl Acetate	10	U	10	U	10	U	10	U	10	U	10	U
Bromodichloromethane	5	U	5	U	5	U	5	U	5	U	5	U
1,2-Dichloropropane	5	U	5	U	5	U	5	U	5	U	5	U
cis-1,3-Dichloropropene	5	U	5	U	5	U	5	U	5	U	5	U
Trichloroethene	5	U	5	U	91	%	5	U	99	%	5	U
Dibromochloromethane	5	U	5	U	5	U	5	U	5	U	5	U
1,1,2-Trichloroethane	5	U	5	U	5	U	5	U	5	U	5	U
Benzene	5	U	5	U	96	%	5	U	91	%	5	U
Trans-1,3-Dichloropropene	5	U	5	U	5	U	5	U	5	U	5	U
Bromoform	5	U	5	U	5	U	5	U	5	U	5	U
4-Methyl-2-pentanone	10	U	10	U	10	U	10	U	10	U	10	U
2-Hexanone	10	U	10	U	10	U	10	U	10	U	10	U
Tetrachloroethene	5	U	5	U	5	U	5	U	5	U	5	U
1,1,2,2-Tetrachloroethane	5	U	5	U	5	U	5	U	5	U	5	U

*= Outside of EPA CLP QC limits.

RFW B: Number: 9804L560 Client: NYSDEC Work Order: 01667600001 Page: 4b

	Cust ID: SH598-042398-SW6	VBLKPI	VBLKPI BS		VBLKTR'	VBLKTR BS		VBLKSL	
	RFW#: 015	98LVH153-MB1	98LVH153-MB1		98LVN148-MB1	98LVN148-MB1		98LVH163-MB1	
Toluene	5 U	5 U	97	%	5 U	96	%	5	U
Chlorobenzene	5 U	5 U	95	%	5 U	95	%	5	U
Ethylbenzene	5 U	5 U	5	U	5 U	5	U	5	U
Styrene	5 U	5 U	5	U	5 U	5	U	5	U
Xylene (total)	5 U	5 U	5	U	5 U	5	U	5	U

*= Outside of EPA CLP QC limits.

Recra LabNet - [illegible]ville Laboratory

Volatiles by GC/MS, TCLP Leachate — Report Date: 05/28/98 12:25

RFW Batch Number: **9804L560** Client: **NYSDEC** Work Order: 01667600001 Page: 1a

	Cust ID:	SH598-042398 -TCLP1		SH598-042398 -TCLP1		SH598-042398 -TCLP1		SH598-042398 -TCLP2		VBLKSC		VBLKSC BS	
Sample Information	RFW#:	016		016 MS		016 MSD		017		98LVN166-MB1		98LVN166-MB1	
	Matrix:	WATER		WATER		WATER		WATER		WATER		WATER	
	D.F.:	5.00		5.00		5.00		5.00		1.00		1.00	
	Units:	MG/L		MG/L		MG/L		MG/L		MG/L		MG/L	
Surrogate Recovery	Toluene-d8	95	%	96	%	93	%	94	%	95	%	96	%
	Bromofluorobenzene	117 *	%	118 *	%	113	%	119 *	%	114	%	114	%
	1,2-Dichloroethane-d4	100	%	97	%	97	%	98	%	95	%	98	%
Vinyl Chloride		0.050	U	101	%	105	%	0.050	U	0.010	U	104	%
1,1-Dichloroethene		0.025	U	95	%	99	%	0.025	U	0.005	U	94	%
Chloroform		0.025	U	89	%	94	%	0.025	U	0.005	U	92	%
1,2-Dichloroethane		0.025	U	94	%	100	%	0.025	U	0.005	U	98	%
2-Butanone		0.009	JB	75	%	80	%	0.008	JB	0.001	J	66	%
Carbon Tetrachloride		0.025	U	80	%	94	%	0.025	U	0.005	U	100	%
Trichloroethene		0.061	B	94	%	97	%	0.054	B	0.005	U	94	%
Benzene		0.025	U	92	%	96	%	0.025	U	0.005	U	94	%
Tetrachloroethene		0.025	U	86	%	88	%	0.025	U	0.005	U	87	%
Chlorobenzene		0.025	U	92	%	96	%	0.025	U	0.005	U	96	%

*= Outside of EPA CLP QC limits.

017

018

		Cust ID:	LCHBLK		VBLKQX		VBLKQX BS	
Sample Information		RFW#:	98LTV037-LB1		98LVX275-MB1		98LVX275-MB1	
		Matrix:	WATER		WATER		WATER	
		D.F.:	5.00		1.00		1.00	
		Units:	MG/L		MG/L		MG/L	
Surrogate Recovery	Toluene-d8		99	%	100	%	99	%
	Bromofluorobenzene		95	%	93	%	99	%
	1,2-Dichloroethane-d4		88	%	88	%	91	%
Vinyl Chloride			0.050	U	0.010	U	95	%
1,1-Dichloroethene			0.025	U	0.005	U	96	%
Chloroform			0.025	U	0.005	U	99	%
1,2-Dichloroethane			0.025	U	0.005	U	93	%
2-Butanone			0.050	U	0.010	U	106	%
Carbon Tetrachloride			0.025	U	0.005	U	113	%
Trichloroethene			0.024	J	0.005	U	105	%
Benzene			0.025	U	0.005	U	98	%
Tetrachloroethene			0.025	U	0.005	U	102	%
Chlorobenzene			0.025	U	0.005	U	96	%

*= Outside of EPA CLP QC limits.

Recra LabNet - ville Laboratory
Semivolatiles by GC/MS, HSL List

RFW Batch Number: 9804L560 Client: NYSDEC Work Order: 01667600001 Report Date: 06/05/98 13:15 Page: 1a

	Cust ID:	SH598-042398 -SED1		SH598-042398 -SED2		SH598-042398 -SED3		SH598-042398 -SED3		SH598-042398 -SED3		SH598-042398 -SED4	
Sample	RFW#:	002		003		004		004 MS		004 MSD		005	
Information	Matrix:	SEDIMENT		SEDIMENT		SEDIMENT		SEDIMENT		SEDIMENT		SEDIMENT	
	D.F.:	1.00		1.00		1.00		1.00		1.00		1.00	
	Units:	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
	Nitrobenzene-d5	67	%	65	%	48	%	56	%	58	%	63	%
Surrogate	2-Fluorobiphenyl	67	%	63	%	54	%	60	%	61	%	54	%
Recovery	Terphenyl-d14	79	%	84	%	65	%	63	%	77	%	85	%
	Phenol-d5	80	%	68	%	58	%	61	%	70	%	75	%
	2-Fluorophenol	71	%	63	%	52	%	56	%	64	%	65	%
	2,4,6-Tribromophenol	76	%	98	%	77	%	74	%	78	%	59	%
Phenol		930	U	2200	U	550	U	56	%	68	%	500	U
bis(2-Chloroethyl)ether		930	U	2200	U	550	U	550	U	550	U	500	U
2-Chlorophenol		930	U	2200	U	550	U	54	%	65	%	500	U
1,3-Dichlorobenzene		930	U	2200	U	550	U	550	U	550	U	500	U
1,4-Dichlorobenzene		930	U	2200	U	550	U	39	%	45	%	500	U
1,2-Dichlorobenzene		930	U	2200	U	550	U	550	U	550	U	500	U
2-Methylphenol		930	U	2200	U	550	U	550	U	550	U	500	U
2,2'-oxybis(1-Chloropropane)		930	U	2200	U	550	U	550	U	550	U	500	U
4-Methylphenol		930	U	2200	U	550	U	550	U	550	U	500	U
N-Nitroso-di-n-propylamine		930	U	2200	U	550	U	50	%	69	%	500	U
Hexachloroethane		930	U	2200	U	550	U	550	U	550	U	500	U
Nitrobenzene		930	U	2200	U	550	U	550	U	550	U	500	U
Isophorone		930	U	2200	U	550	U	550	U	550	U	500	U
2-Nitrophenol		930	U	2200	U	550	U	550	U	550	U	500	U
2,4-Dimethylphenol		930	U	2200	U	550	U	550	U	550	U	500	U
bis(2-Chloroethoxy)methane		930	U	2200	U	550	U	550	U	550	U	500	U
2,4-Dichlorophenol		930	U	2200	U	550	U	550	U	550	U	500	U
1,2,4-Trichlorobenzene		930	U	2200	U	550	U	49	%	55	%	500	U
Naphthalene		62	J	2200	U	550	U	550	U	550	U	500	U
4-Chloroaniline		930	U	2200	U	550	U	550	U	550	U	500	U
Hexachlorobutadiene		930	U	2200	U	550	U	550	U	550	U	500	U
4-Chloro-3-methylphenol		930	U	2200	U	550	U	61	%	74	%	500	U
2-Methylnaphthalene		930	U	2200	U	550	U	550	U	550	U	500	U
Hexachlorocyclopentadiene		930	U	2200	U	550	U	550	U	550	U	500	U
2,4,6-Trichlorophenol		930	U	2200	U	550	U	550	U	550	U	500	U
2,4,5-Trichlorophenol		2300	U	5600	U	1400	U	1400	U	1400	U	1200	U

*= Outside of EPA CLP QC limits.

RFW Ba Number: 9804L560 Client: NYSDEC Work Order: 01667600001 Page: 2

Cust ID:	SH598-042398 -SED1		SH598-042398 -SED2		SH598-042398 -SED3		SH598-042398 -SED3		SH598-042398 -SED3		SH598-042398 -SED4	
RFW#:	002		003		004		004 MS		004 MSD		005	
2-Chloronaphthalene	930	U	2200	U	550	U	550	U	550	U	500	U
2-Nitroaniline	2300	U	5600	U	1400	U	1400	U	1400	U	1200	U
Dimethylphthalate	930	U	2200	U	550	U	550	U	550	U	500	U
Acenaphthylene	930	U	2200	U	550	U	550	U	550	U	500	U
2,6-Dinitrotoluene	930	U	2200	U	550	U	550	U	550	U	500	U
3-Nitroaniline	2300	U	5600	U	1400	U	1400	U	1400	U	1200	U
Acenaphthene	80	J	2200	U	550	U	59	%	64	%	500	U
2,4-Dinitrophenol	2300	U	5600	U	1400	U	1400	U	1400	U	1200	U
4-Nitrophenol	2300	U	5600	U	1400	U	67	%	71	%	1200	U
Dibenzofuran	67	J	2200	U	550	U	550	U	550	U	500	U
2,4-Dinitrotoluene	930	U	2200	U	550	U	53	%	57	%	500	U
Diethylphthalate	930	U	2200	U	550	U	550	U	550	U	500	U
4-Chlorophenyl-phenylether	930	U	2200	U	550	U	550	U	550	U	500	U
Fluorene	120	J	2200	U	550	U	550	U	550	U	500	U
4-Nitroaniline	2300	U	5600	U	1400	U	1400	U	1400	U	1200	U
4,6-Dinitro-2-methylphenol	2300	U	5600	U	1400	U	1400	U	1400	U	1200	U
N-Nitrosodiphenylamine (1)	930	U	2200	U	550	U	550	U	550	U	500	U
4-Bromophenyl-phenylether	930	U	2200	U	550	U	550	U	550	U	500	U
Hexachlorobenzene	930	U	2200	U	550	U	550	U	550	U	500	U
Pentachlorophenol	2300	U	5600	U	1400	U	60	%	66	%	1200	U
Phenanthrene	940		160	J	550	U	550	U	550	U	500	U
Anthracene	230	J	2200	U	550	U	550	U	550	U	500	U
Carbazole	120	J	2200	U	550	U	550	U	550	U	500	U
Di-n-butylphthalate	58	J	2200	U	550	U	550	U	550	U	500	U
Fluoranthene	1000		270	J	32	J	28	J	550	U	500	U
Pyrene	830	J	260	J	29	J	58	%	74	%	500	U
Butylbenzylphthalate	930	U	2200	U	550	U	550	U	550	U	500	U
3,3'-Dichlorobenzidine	930	U	2200	U	550	U	550	U	550	U	500	U
Benzo(a)anthracene	440	J	210	J	550	U	550	U	550	U	500	U
Chrysene	460	J	260	J	550	U	550	U	550	U	500	U
bis(2-Ethylhexyl)phthalate	63	J	260	J	550	U	550	U	550	U	61	J
Di-n-octyl phthalate	930	U	2200	U	550	U	550	U	550	U	500	U
Benzo(b)fluoranthene	380	J	310	J	33	J	550	U	550	U	500	U
Benzo(k)fluoranthene	350	J	300	J	550	U	550	U	550	U	500	U
Benzo(a)pyrene	410	J	310	J	550	U	550	U	550	U	500	U
Indeno(1,2,3-cd)pyrene	250	J	250	J	550	U	550	U	550	U	500	U
Dibenz(a,h)anthracene	130	J	2200	U	550	U	550	U	550	U	500	U
Benzo(g,h,i)perylene	260	J	280	J	550	U	550	U	550	U	500	U

(1) - Cannot be separated from Diphenylamine. *= Outside of EPA CLP QC limits.

014

015

	Cust ID:	SH598-042398 -SED5		SH598-042398 -SW1		SH598-042398 -SW2		SH598-042398 -SW3		SH598-042398 -SW3		SH598-042398 -SW3	
Sample	RFW#:	006		010		011		012		012 MS		012 MSD	
Information	Matrix:	SEDIMENT		WATER		WATER		WATER		WATER		WATER	
	D.F.:	1.00		1.00		1.00		1.00		1.00		1.00	
	Units:	UG/KG		UG/L		UG/L		UG/L		UG/L		UG/L	
	Nitrobenzene-d5	57	%	73	%	50	%	68	%	70	%	68	%
Surrogate	2-Fluorobiphenyl	59	%	64	%	51	%	64	%	64	%	63	%
Recovery	Terphenyl-d14	67	%	54	%	43	%	66	%	74	%	62	%
	Phenol-d5	60	%	72	%	43	%	65	%	68	%	41	%
	2-Fluorophenol	58	%	69	%	31	%	60	%	65	%	60	%
	2,4,6-Tribromophenol	60	%	74	%	36	%	68	%	59	%	58	%
Phenol		570	U	10	U	10	U	10	U	66	%	61	%
bis(2-Chloroethyl)ether		570	U	10	U	10	U	10	U	10	U	10	U
2-Chlorophenol		570	U	10	U	10	U	10	U	66	%	62	%
1,3-Dichlorobenzene		570	U	10	U	10	U	10	U	10	U	10	U
1,4-Dichlorobenzene		570	U	10	U	10	U	10	U	60	%	51	%
1,2-Dichlorobenzene		570	U	10	U	10	U	10	U	10	U	10	U
2-Methylphenol		570	U	10	U	10	U	10	U	10	U	10	U
2,2'-oxybis(1-Chloropropane)		570	U	10	U	10	U	10	U	10	U	10	U
4-Methylphenol		570	U	10	U	10	U	10	U	10	U	10	U
N-Nitroso-di-n-propylamine		570	U	10	U	10	U	10	U	61	%	65	%
Hexachloroethane		570	U	10	U	10	U	10	U	10	U	10	U
Nitrobenzene		570	U	10	U	10	U	10	U	10	U	10	U
Isophorone		570	U	10	U	10	U	10	U	10	U	10	U
2-Nitrophenol		570	U	10	U	10	U	10	U	10	U	10	U
2,4-Dimethylphenol		570	U	10	U	10	U	10	U	10	U	10	U
bis(2-Chloroethoxy)methane		570	U	10	U	10	U	10	U	10	U	10	U
2,4-Dichlorophenol		570	U	10	U	10	U	10	U	10	U	10	U
1,2,4-Trichlorobenzene		570	U	10	U	10	U	10	U	65	%	55	%
Naphthalene		570	U	10	U	10	U	10	U	10	U	10	U
4-Chloroaniline		570	U	10	U	10	U	10	U	10	U	10	U
Hexachlorobutadiene		570	U	10	U	10	U	10	U	10	U	10	U
4-Chloro-3-methylphenol		570	U	10	U	10	U	10	U	59	%	65	%
2-Methylnaphthalene		570	U	10	U	10	U	10	U	10	U	10	U
Hexachlorocyclopentadiene		570	U	10	U	10	U	10	U	10	U	10	U
2,4,6-Trichlorophenol		570	U	10	U	10	U	10	U	10	U	10	U
2,4,5-Trichlorophenol		1400	U	25	U	25	U	25	U	25	U	25	U

*= Outside of EPA CLP QC limits.

RFW Ba Number: 9804L560 Client: NYSDEC Work Order: 01667600001 Page: 2

Cust ID:	SH598-042398 -SED5		SH598-042398 -SW1		SH598-042398 -SW2		SH598-042398 -SW3		SH598-042398 -SW3		SH598-042398 -SW3	
RFW#:	006		010		011		012		012 MS		012 MSD	
2-Chloronaphthalene	570	U	10	U	10	U	10	U	10	U	10	U
2-Nitroaniline	1400	U	25	U	25	U	25	U	25	U	25	U
Dimethylphthalate	570	U	10	U	10	U	10	U	10	U	10	U
Acenaphthylene	570	U	10	U	10	U	10	U	10	U	10	U
2,6-Dinitrotoluene	570	U	10	U	10	U	10	U	10	U	10	U
3-Nitroaniline	1400	U	25	U	25	U	25	U	25	U	25	U
Acenaphthene	570	U	10	U	10	U	10	U	64	%	55	%
2,4-Dinitrophenol	1400	U	25	U	25	U	25	U	25	U	25	U
4-Nitrophenol	1400	U	25	U	25	U	25	U	65	%	65	%
Dibenzofuran	570	U	10	U	10	U	10	U	10	U	10	U
2,4-Dinitrotoluene	570	U	10	U	10	U	10	U	70	%	64	%
Diethylphthalate	570	U	10	U	10	U	10	U	10	U	0.7	J
4-Chlorophenyl-phenylether	570	U	10	U	10	U	10	U	10	U	10	U
Fluorene	570	U	10	U	10	U	10	U	10	U	10	U
4-Nitroaniline	1400	U	25	U	25	U	25	U	25	U	25	U
4,6-Dinitro-2-methylphenol	1400	U	25	U	25	U	25	U	25	U	25	U
N-Nitrosodiphenylamine (1)	570	U	10	U	10	U	10	U	10	U	10	U
4-Bromophenyl-phenylether	570	U	10	U	10	U	10	U	10	U	10	U
Hexachlorobenzene	570	U	10	U	10	U	10	U	10	U	10	U
Pentachlorophenol	1400	U	25	U	25	U	25	U	66	%	68	%
Phenanthrene	570	U	10	U	10	U	1	J	10	U	10	U
Anthracene	570	U	10	U	10	U	10	U	10	U	10	U
Carbazole	570	U	10	U	10	U	10	U	10	U	10	U
Di-n-butylphthalate	570	U	1	J	2	J	10	U	10	U	10	U
Fluoranthene	570	U	10	U	10	U	10	U	10	U	10	U
Pyrene	570	U	10	U	10	U	10	U	62	%	55	%
Butylbenzylphthalate	570	U	10	U	10	U	10	U	10	U	10	U
3,3'-Dichlorobenzidine	570	U	10	U	10	U	10	U	10	U	10	U
Benzo(a)anthracene	570	U	10	U	10	U	10	U	10	U	10	U
Chrysene	570	U	10	U	10	U	10	U	10	U	10	U
bis(2-Ethylhexyl)phthalate	62	J	5	JB	2	JB	6	JB	2	JB	7	JB
Di-n-octyl phthalate	570	U	10	U	10	U	15		10	U	3	J
Benzo(b)fluoranthene	570	U	10	U	10	U	10	U	10	U	10	U
Benzo(k)fluoranthene	570	U	10	U	10	U	10	U	10	U	10	U
Benzo(a)pyrene	570	U	10	U	10	U	10	U	10	U	10	U
Indeno(1,2,3-cd)pyrene	570	U	10	U	10	U	10	U	10	U	10	U
Dibenz(a,h)anthracene	570	U	10	U	10	U	10	U	10	U	10	U
Benzo(g,h,i)perylene	570	U	10	U	10	U	10	U	10	U	10	U

(1) - Cannot be separated from Diphenylamine. *= Outside of EPA CLP QC limits.

016

	Cust ID:	SH598-042398-SW4		SH598-042398-SW5		SBLKYJ		SBLKYJ BS		SBLKYE		SBLKYE BS	
Sample Information	RFW#:	013		014		98LE0721-MB1		98LE0721-MB1		98LE0698-MB1		98LE0698-MB1	
	Matrix:	WATER		WATER		SOIL		SOIL		WATER		WATER	
	D.F.:	1.00		1.00		1.00		1.00		1.00		1.00	
	Units:	UG/L		UG/L		UG/KG		UG/KG		UG/L		UG/L	
Surrogate Recovery	Nitrobenzene-d5	75	%	72	%	90	%	79	%	79	%	82	%
	2-Flucrobiphenyl	66	%	63	%	94	%	81	%	72	%	74	%
	Terphenyl-d14	63	%	71	%	106	%	87	%	93	%	100	%
	Phenol-d5	70	%	65	%	87	%	74	%	76	%	78	%
	2-Fluorophenol	64	%	59	%	79	%	70	%	74	%	67	%
	2,4,6-Tribromophenol	59	%	63	%	68	%	60	%	80	%	77	%
Phenol		10	U	10	U	330	U	71	%	10	U	73	%
bis(2-Chloroethyl)ether		10	U	10	U	330	U	330	U	10	U	10	U
2-Chlorophenol		10	U	10	U	330	U	69	%	10	U	75	%
1,3-Dichlorobenzene		10	U	10	U	330	U	330	U	10	U	10	U
1,4-Dichlorobenzene		10	U	10	U	330	U	70	%	10	U	62	%
1,2-Dichlorobenzene		10	U	10	U	330	U	330	U	10	U	10	U
2-Methylphenol		10	U	10	U	330	U	330	U	10	U	10	U
2,2'-oxybis(1-Chloropropane)		10	U	10	U	330	U	330	U	10	U	10	U
4-Methylphenol		10	U	10	U	330	U	330	U	10	U	10	U
N-Nitroso-di-n-propylamine		10	U	10	U	330	U	78	%	10	U	74	%
Hexachloroethane		10	U	10	U	330	U	330	U	10	U	10	U
Nitrobenzene		10	U	10	U	330	U	330	U	10	U	10	U
Isophorone		10	U	10	U	330	U	330	U	10	U	10	U
2-Nitrophenol		10	U	10	U	330	U	330	U	10	U	10	U
2,4-Dimethylphenol		10	U	10	U	330	U	330	U	10	U	10	U
bis(2-Chloroethoxy)methane		10	U	10	U	330	U	330	U	10	U	10	U
2,4-Dichlorophenol		10	U	10	U	330	U	330	U	10	U	10	U
1,2,4-Trichlorobenzene		2	J	10	U	330	U	73	%	10	U	68	%
Naphthalene		10	U	10	U	330	U	330	U	10	U	10	U
4-Chloroaniline		10	U	10	U	330	U	330	U	10	U	10	U
Hexachlorobutadiene		10	U	10	U	330	U	330	U	10	U	10	U
4-Chloro-3-methylphenol		10	U	10	U	330	U	70	%	10	U	68	%
2-Methylnaphthalene		10	U	10	U	330	U	330	U	10	U	10	U
Hexachlorocyclopentadiene		10	U	10	U	330	U	330	U	10	U	10	U
2,4,6-Trichlorophenol		10	U	10	U	330	U	330	U	10	U	10	U
2,4,5-Trichlorophenol		25	U	25	U	840	U	840	U	25	U	25	U

*= Outside of EPA CLP QC limits.

	Cust ID:	SH598-042398 -SW4		SH598-042398 -SW5		SBLKYJ		SBLKYJ BS		SBLKYE		SBLKYE BS	
	RFW#:	013		014		98LE0721-MB1		98LE0721-MB1		98LE0698-MB1		98LE0698-MB1	
2-Chloronaphthalene		10	U	10	U	330	U	330	U	10	U	10	U
2-Nitroaniline		25	U	25	U	840	U	840	U	25	U	25	U
Dimethylphthalate		10	U	10	U	330	U	330	U	10	U	10	U
Acenaphthylene		10	U	10	U	330	U	330	U	10	U	10	U
2,6-Dinitrotoluene		10	U	10	U	330	U	330	U	10	U	10	U
3-Nitroaniline		25	U	25	U	840	U	840	U	25	U	25	U
Acenaphthene		10	U	10	U	330	U	77	%	10	U	79	%
2,4-Dinitrophenol		25	U	25	U	840	U	840	U	25	U	25	U
4-Nitrophenol		25	U	25	U	840	U	83	%	25	U	79	%
Dibenzofuran		10	U	10	U	330	U	330	U	10	U	10	U
2,4-Dinitrotoluene		10	U	10	U	330	U	73	%	10	U	83	%
Diethylphthalate		10	U	10	U	330	U	330	U	10	U	10	U
4-Chlorophenyl-phenylether		10	U	10	U	330	U	330	U	10	U	10	U
Fluorene		10	U	10	U	330	U	330	U	10	U	10	U
4-Nitroaniline		25	U	25	U	840	U	840	U	25	U	25	U
4,6-Dinitro-2-methylphenol		25	U	25	U	840	U	840	U	25	U	25	U
N-Nitrosodiphenylamine (1)		10	U	10	U	330	U	330	U	10	U	10	U
4-Bromophenyl-phenylether		10	U	10	U	330	U	330	U	10	U	10	U
Hexachlorobenzene		10	U	10	U	330	U	330	U	10	U	10	U
Pentachlorophenol		25	U	25	U	840	U	76	%	25	U	66	%
Phenanthrene		10	U	10	U	330	U	330	U	10	U	10	U
Anthracene		10	U	10	U	330	U	330	U	10	U	10	U
Carbazole		10	U	10	U	330	U	330	U	10	U	10	U
Di-n-butylphthalate		10	U	10	U	330	U	32	J	10	U	10	U
Fluoranthene		10	U	10	U	330	U	330	U	10	U	10	U
Pyrene		10	U	10	U	330	U	81	%	10	U	87	%
Butylbenzylphthalate		10	U	10	U	330	U	330	U	10	U	10	U
3,3'-Dichlorobenzidine		10	U	10	U	330	U	330	U	10	U	10	U
Benzo(a)anthracene		10	U	10	U	330	U	330	U	10	U	10	U
Chrysene		10	U	10	U	330	U	330	U	10	U	10	U
bis(2-Ethylhexyl)phthalate		7	JB	5	JB	330	U	330	U	3	J	6	JB
Di-n-octyl phthalate		10	U	10	U	330	U	330	U	10	U	10	U
Benzo(b)fluoranthene		10	U	10	U	330	U	330	U	10	U	10	U
Benzo(k)fluoranthene		10	U	10	U	330	U	330	U	10	U	10	U
Benzo(a)pyrene		10	U	10	U	330	U	330	U	10	U	10	U
Indeno(1,2,3-cd)pyrene		10	U	10	U	330	U	330	U	10	U	10	U
Dibenz(a,h)anthracene		10	U	10	U	330	U	330	U	10	U	10	U
Benzo(g,h,i)perylene		10	U	10	U	330	U	330	U	10	U	10	U

(1) - Cannot be separated from Diphenylamine. *= Outside of EPA CLP QC limits.

	Cust ID:	SH598-042398 -TCLP1		SH598-042398 -TCLP2		SBLKYV		SBLKYV BS		LCHBLK	
Sample Information	RFW#:	018		019		98LE0749-MB1		98LE0749-MB1		98LTO075-LB1	
	Matrix:	WATER		WATER		WATER		WATER		WATER	
	D.F.:	1.00		1.00		1.00		1.00		1.00	
	Units:	MG/L		MG/L		MG/L		MG/L		MG/L	
Surrogate Recovery	Nitrobenzene-d5	77	%	79	%	65	%	81	%	73	%
	2-Fluorobiphenyl	62	%	67	%	51	%	75	%	51	%
	p-Terphenyl-d14	86	%	85	%	74	%	85	%	71	%
	Phenol-d5	79	%	73	%	68	%	72	%	72	%
	2-Fluorophenol	75	%	64	%	65	%	79	%	69	%
	2,4,6-Tribromophenol	92	%	77	%	68	%	84	%	67	%
Pyridine		0.050	U	0.050	U	0.050	U	28	%	0.050	U
1,4-Dichlorobenzene		0.050	U	0.050	U	0.050	U	45	%	0.050	U
2-Methylphenol		0.050	U	0.050	U	0.050	U	55	%	0.050	U
3- and/or 4-Methylphenol		0.050	U	0.050	U	0.050	U	52	%	0.050	U
Hexachloroethane		0.050	U	0.050	U	0.050	U	42	%	0.050	U
Nitrobenzene		0.050	U	0.050	U	0.050	U	68	%	0.050	U
Hexachlorobutadiene		0.050	U	0.050	U	0.050	U	42	%	0.050	U
2,4,6-Trichlorophenol		0.050	U	0.050	U	0.050	U	64	%	0.050	U
2,4,5-Trichlorophenol		0.12	U	0.12	U	0.12	U	66	%	0.12	U
2,4-Dinitrotoluene		0.050	U	0.050	U	0.050	U	60	%	0.050	U
Hexachlorobenzene		0.050	U	0.050	U	0.050	U	66	%	0.050	U
Pentachlorophenol		0.12	U	0.12	U	0.12	U	56	%	0.12	U

*= Outside of EPA CLP QC limits.

015

Recra LabNet - [illegible]ville Laboratory
Pesticide/PCBs by GC, CLP List
Report Date: 05/27/98 19:17

RFW Batch Number: 9804L560 Client: NYSDEC Work Order: 01667600001 Page: 1

014

Sample Information	Cust ID:	SH598-042398 -SED1		SH598-042398 -SED2		SH598-042398 -SED3		SH598-042398 -SED3		SH598-042398 -SED3		SH598-042398 -SED4	
	RFW#:	002		003		004		004 MS		004 MSD		005	
	Matrix:	SEDIMENT		SEDIMENT		SEDIMENT		SEDIMENT		SEDIMENT		SEDIMENT	
	D.F.:	5.00		2.00		2.00		2.00		2.00		1.00	
	Units:	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
Surrogate: Decachlorobiphenyl		D	%	72	%	77	%	80	%	74	%	90	%
Tetrachloro-m-xylene		D	%	62	%	62	%	72	%	60	%	80	%
Alpha-BHC		23	U	22	U	5.5	U	5.5	U	5.5	U	2.5	U
Beta-BHC		23	U	22	U	5.5	U	5.5	U	5.5	U	2.5	U
Delta-BHC		23	U	22	U	5.5	U	5.5	U	5.5	U	2.5	U
gamma-BHC (Lindane)		23	U	22	U	5.5	U	NS	%	80	%	2.5	U
Heptachlor		23	U	22	U	5.5	U	NS	%	60	%	2.5	U
Aldrin		23	U	22	U	5.5	U	NS	%	85	%	2.5	U
Heptachlor epoxide		23	U	22	U	5.5	U	5.5	U	5.5	U	2.5	U
Endosulfan I		23	U	22	U	5.5	U	5.5	U	5.5	U	2.5	U
Dieldrin		47	U	44	U	11	U	NS	%	80	%	5.0	U
4,4'-DDE		47	U	44	U	11	U	11	U	11	U	5.0	U
Endrin		47	U	44	U	11	U	NS	%	122	%	5.0	U
Endosulfan II		47	U	44	U	11	U	11	U	11	U	5.0	U
4,4'-DDD		47	U	44	U	11	U	11	U	11	U	5.0	U
Endosulfan sulfate		47	U	44	U	11	U	11	U	11	U	5.0	U
4,4'-DDT		47	U	44	U	11	U	NS	%	104	%	5.0	U
Methoxychlor		230	U	220	U	55	U	55	U	55	U	25	U
Endrin ketone		47	U	44	U	11	U	11	U	11	U	5.0	U
Endrin aldehyde		47	U	44	U	11	U	11	U	11	U	5.0	U
alpha-Chlordane		23	U	22	U	5.5	U	5.5	U	5.5	U	2.5	U
gamma-Chlordane		23	U	22	U	5.5	U	5.5	U	5.5	U	2.5	U
Toxaphene		2300	U	2200	U	550	U	550	U	550	U	250	U
Aroclor-1016		470	U	440	U	110	U	110	U	110	U	50	U
Aroclor-1221		930	U	890	U	220	U	220	U	220	U	99	U
Aroclor-1232		470	U	440	U	110	U	110	U	110	U	50	U
Aroclor-1242		470	U	440	U	110	U	110	U	110	U	50	U
Aroclor-1248		470	U	440	U	110	U	110	U	110	U	50	U
Aroclor-1254		470	U	440	U	110	U	110	U	110	U	50	U
Aroclor-1260		470	U	440	U	110	U	110	U	110	U	50	U

U= Analyzed, not detected. J= Present below detection limit. B= Present in blank. NR= Not reported. NS= Not spiked.
%= Percent recovery. D= Diluted out. I= Interference. NA= Not Applicable. *= Outside of EPA CLP QC

05.28.98

015

Sample Information	Cust ID:	SH598-042398 -SED5	SH598-042398 -SW1	SH598-042398 -SW2	SH598-042398 -SW3	SH598-042398 -SW3	SH598-042398 -SW3
	RFW#:	006	010	011	012	012 MS	012 MSD
	Matrix:	SEDIMENT	WATER	WATER	WATER	WATER	WATER
	D.F.:	5.00	1.00	1.00	1.00	1.00	1.00
	Units:	UG/KG	UG/L	UG/L	UG/L	UG/L	UG/L

Surrogate:	Decachlorobiphenyl	D	%	89	%	68	%	71	%	90	%	88	%
	Tetrachloro-m-xylene	D	%	75	%	40	%	72	%	70	%	72	%
			fl		fl		fl		fl		fl		fl
Alpha-BHC		14	U	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U
Beta-BHC		14	U	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U
Delta-BHC		14	U	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U
gamma-BHC (Lindane)		14	U	0.050	U	0.050	U	0.050	U	95	%	95	%
Heptachlor		14	U	0.050	U	0.050	U	0.050	U	80	%	80	%
Aldrin		14	U	0.050	U	0.050	U	0.050	U	80	%	75	%
Heptachlor epoxide		14	U	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U
Endosulfan I		14	U	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U
Dieldrin		29	U	0.10	U	0.10	U	0.10	U	102	%	106	%
4,4'-DDE		29	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Endrin		29	U	0.10	U	0.10	U	0.10	U	108	%	110	%
Endosulfan II		29	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
4,4'-DDD		29	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Endosulfan sulfate		29	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
4,4'-DDT		29	U	0.10	U	0.10	U	0.10	U	92	%	88	%
Methoxychlor		140	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
Endrin ketone		29	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Endrin aldehyde		29	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
alpha-Chlordane		14	U	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U
gamma-Chlordane		14	U	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U
Toxaphene		1400	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
Aroclor-1016		290	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Aroclor-1221		570	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U
Aroclor-1232		290	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Aroclor-1242		1300		1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Aroclor-1248		290	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Aroclor-1254		310		1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Aroclor-1260		290	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U

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gw 05-28-98

016

Sample Information	Cust ID:	SH598-042398 -SW4		SH598-042398 -SW5		PBLKAI		PBLKAI BS		PBLKAM		PBLKAM BS	
	RFW#:	013		014		98LE0718-MB1		98LE0718-MB1		98LE0705-MB1		98LE0705-MB1	
	Matrix:	WATER		WATER		SOIL		SOIL		WATER		WATER	
	D.F.:	1.00		1.00		1.00		1.00		1.00		1.00	
	Units:	UG/L		UG/L		UG/KG		UG/KG		UG/L		UG/L	
Surrogate:	Decachlorobiphenyl	97	%	90	%	91	%	84	%	100	%	101	%
	Tetrachloro-m-xylene	82	%	82	%	80	%	75	%	82	%	78	%
			fl		fl		fl		fl		fl		fl
Alpha-BHC		0.050	U	0.050	U	1.7	U	1.7	U	0.050	U	0.050	U
Beta-BHC		0.050	U	0.050	U	1.7	U	1.7	U	0.050	U	0.050	U
Delta-BHC		0.050	U	0.050	U	1.7	U	1.7	U	0.050	U	0.050	U
gamma-BHC (Lindane)		0.050	U	0.050	U	1.7	U	110	%	0.050	U	105	%
Heptachlor		0.050	U	0.050	U	1.7	U	100	%	0.050	U	95	%
Aldrin		0.050	U	0.050	U	1.7	U	90	%	0.050	U	95	%
Heptachlor epoxide		0.050	U	0.050	U	1.7	U	1.7	U	0.050	U	0.050	U
Endosulfan I		0.050	U	0.050	U	1.7	U	1.7	U	0.050	U	0.050	U
Dieldrin		0.10	U	0.10	U	3.3	U	96	%	0.10	U	116	%
4,4'-DDE		0.10	U	0.10	U	3.3	U	3.3	U	0.10	U	0.10	U
Endrin		0.10	U	0.10	U	3.3	U	100	%	0.10	U	120	%
Endosulfan II		0.10	U	0.10	U	3.3	U	3.3	U	0.10	U	0.10	U
4,4'-DDD		0.10	U	0.10	U	3.3	U	3.3	U	0.10	U	0.10	U
Endosulfan sulfate		0.10	U	0.10	U	3.3	U	3.3	U	0.10	U	0.10	U
4,4'-DDT		0.10	U	0.10	U	3.3	U	102	%	0.10	U	120	%
Methoxychlor		0.50	U	0.50	U	17	U	17	U	0.50	U	0.50	U
Endrin ketone		0.10	U	0.10	U	3.3	U	3.3	U	0.10	U	0.10	U
Endrin aldehyde		0.10	U	0.10	U	3.3	U	3.3	U	0.10	U	0.10	U
alpha-Chlordane		0.050	U	0.050	U	1.7	U	1.7	U	0.050	U	0.050	U
gamma-Chlordane		0.050	U	0.050	U	1.7	U	1.7	U	0.050	U	0.050	U
Toxaphene		5.0	U	5.0	U	170	U	170	U	5.0	U	5.0	U
Aroclor-1016		1.0	U	1.0	U	33	U	33	U	1.0	U	1.0	U
Aroclor-1221		2.0	U	2.0	U	67	U	67	U	2.0	U	2.0	U
Aroclor-1232		1.0	U	1.0	U	33	U	33	U	1.0	U	1.0	U
Aroclor-1242		1.0	U	1.0	U	33	U	33	U	1.0	U	1.0	U
Aroclor-1248		1.0	U	1.0	U	33	U	33	U	1.0	U	1.0	U
Aroclor-1254		1.0	U	1.0	U	33	U	33	U	1.0	U	1.0	U
Aroclor-1260		1.0	U	1.0	U	33	U	33	U	1.0	U	1.0	U

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%= Percent recovery. D= Diluted out. I= Interference. NA= Not Applicable. *= Outside of EPA CLP QC

gw 05.28.98

Recra LabNet - ville Laboratory

Pesticide by GC, TCLP Leachate Report Date: 05/27/98 21:52

RFW Batch Number: **9804L560** Client: **NYSDEC** Work Order: 01667600001 Page: 1

Sample Information	Cust ID:	SH598-042398 -TCLP1	SH598-042398 -TCLP2	PBLKBB	PBLKBB BS	LCHBLK
	RFW#:	018	019	98LE0739-MB1	98LE0739-MB1	98LTO075-LB1
	Matrix:	WATER	WATER	WATER	WATER	WATER
	D.F.:	1.00	1.00	1.00	1.00	1.00
	Units:	UG/L	UG/L	UG/L	UG/L	UG/L
Surrogate: Decachlorobiphenyl		66 %	89 %	86 %	94 %	94 %
Tetrachloro-m-xylene		48 %	68 %	50 %	60 %	52 %
Heptachlor		0.50 U	0.50 U	0.50 U	105 %	0.50 U
alpha-Chlordane		0.50 U	0.50 U	0.50 U	95 %	0.50 U
gamma-Chlordane		0.50 U	0.50 U	0.50 U	100 %	0.50 U
gamma-BHC (Lindane)		0.50 U	0.50 U	0.50 U	120 %	0.50 U
Endrin		1.0 U	1.0 U	1.0 U	100 %	1.0 U
Methoxychlor		5.0 U	5.0 U	5.0 U	131 %	5.0 U
Toxaphene		50 U	50 U	50 U	50 U	50 U
Heptachlor Epoxide		0.50 U	0.50 U	0.50 U	105 %	0.50 U

gw 05-28-98

U= Analyzed, not detected. J= Present below detection limit. B= Present in blank. NR= Not reported. NS= Not spiked.
%= Percent recovery. D= Diluted out. I= Interference. NA= Not Applicable. *= Outside of EPA CLP QC

Recra LabNet - I[illegible]ville Laboratory

HERBICIDES BY GC, TCLP LEACHATE

Report Date: 05/15/98 11:21

RFW Batch Number: **9804L560** Client: **NYSDEC** Work Order: 01667600001 Page: 1

Sample Information	Cust ID:	SH598-042398 -TCLP1	SH598-042398 -TCLP2	PBLKBC	PBLKBC BS	PBLKBC BSD	LCHBLK
	RFW#:	018	019	98LE0753-MB1	98LE0753-MB1	98LE0753-MB1	98LTO075-LB1
	Matrix:	WATER	WATER	WATER	WATER	WATER	WATER
	D.F.:	1.00	1.00	1.00	1.00	1.00	1.00
	Units:	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
Surrogate:	DCAA	79 %	81 %	88 %	78 %	80 %	77 %
		fl	fl	fl	fl	fl	fl
2,4-D		10 U	10 U	10 U	86 %	92 %	10 U
2,4,5-TP (Silvex)		5.0 U	5.0 U	5.0 U	65 %	70 %	5.0 U

gw 05-28-98

U= Analyzed, not detected. J= Present below detection limit. B= Present in blank. NR= Not reported. NS= Not spiked. %= Percent recovery. D= Diluted out. I= Interference. NA= Not Applicable. *= Outside of EPA CLP QC

U.S. EPA

1

INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

98SED1

Lab Name: RECRA_LABNET Contract: 1667-6

Lab Code: RECRA Case No.: SAS No.: SDG No.: 98SED1

Matrix (soil/water): SOIL Lab Sample ID: 9804L560-002

Level (low/med): LOW Date Received: 04/24/98

% Solids: 35.8

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7440-36-0	Antimony	0.80	U	N	P
7440-38-2	Arsenic	5.4		*	P
7440-39-3	Barium	57.0			P
7440-41-7	Beryllium	0.40			P
7440-43-9	Cadmium	0.13	U		P
7440-47-3	Chromium	13.3			P
7440-48-4	Cobalt	5.8			P
7440-50-8	Copper	11.0			P
7439-92-1	Lead	29.3			P
7439-97-6	Mercury	0.12			AV
7440-02-0	Nickel	9.5			P
7782-49-2	Selenium	2.4		*	P
7440-22-4	Silver	0.29	U		P
7440-28-0	Thallium	3.7		*	P
7440-62-2	Vanadium	22.1			P
7440-66-6	Zinc	89.2			P
7440-31-5	Tin	4.0			P

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts:

Comments:

SH598-042398-SED1

FORM I - IN

U.S. EPA

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INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

98SED2

Lab Name: RECRA_LABNET Contract: 1667-6

Lab Code: RECRA Case No.: SAS No.: SDG No.: 98SED1

Matrix (soil/water): SOIL Lab Sample ID: 9804L560-003

Level (low/med): LOW Date Received: 04/24/98

% Solids: 15.0

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7440-36-0	Antimony	1.8	U	N	P
7440-38-2	Arsenic	5.0		*	P
7440-39-3	Barium	96.8			P
7440-41-7	Beryllium	0.55			P
7440-43-9	Cadmium	4.6			P
7440-47-3	Chromium	19.1			P
7440-48-4	Cobalt	8.0			P
7440-50-8	Copper	30.0			P
7439-92-1	Lead	93.6			P
7439-97-6	Mercury	0.10			AV
7440-02-0	Nickel	20.0			P
7782-49-2	Selenium	2.4	U	*	P
7440-22-4	Silver	0.65	U		P
7440-28-0	Thallium	3.3	U	*	P
7440-62-2	Vanadium	26.7			P
7440-66-6	Zinc	74.2			P
7440-31-5	Tin	4.5			P

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts:

Comments:

SH598-042398-SED2

FORM I - IN

U.S. EPA

1

INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

98SED3

Lab Name: RECRA_LABNET Contract: 1667-6

Lab Code: RECRA Case No.: SAS No.: SDG No.: 98SED1

Matrix (soil/water): SOIL Lab Sample ID: 9804L560-004

Level (low/med): LOW Date Received: 04/24/98

% Solids: 60.6

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7440-36-0	Antimony	0.49	U	N	P
7440-38-2	Arsenic	2.1		*	P
7440-39-3	Barium	81.4			P
7440-41-7	Beryllium	0.51			P
7440-43-9	Cadmium	0.08	U		P
7440-47-3	Chromium	20.2			P
7440-48-4	Cobalt	4.5			P
7440-50-8	Copper	7.4			P
7439-92-1	Lead	9.4			P
7439-97-6	Mercury	0.05			AV
7440-02-0	Nickel	9.8			P
7782-49-2	Selenium	1.5		*	P
7440-22-4	Silver	0.18	U		P
7440-28-0	Thallium	1.1		*	P
7440-62-2	Vanadium	29.6			P
7440-66-6	Zinc	41.3			P
7440-31-5	Tin	2.1			P

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts:

Comments:

SH598-042398-SED3

FORM I - IN

U.S. EPA

1

INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

98SED4

Lab Name: RECRA_LABNET Contract: 1667-6

Lab Code: RECRA Case No.: SAS No.: SDG No.: 98SED1

Matrix (soil/water): SOIL Lab Sample ID: 9804L560-005

Level (low/med): LOW Date Received: 04/24/98

% Solids: 67.1

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7440-36-0	Antimony	0.42	U	N	P
7440-38-2	Arsenic	6.4		*	P
7440-39-3	Barium	273			P
7440-41-7	Beryllium	1.4			P
7440-43-9	Cadmium	0.07	U		P
7440-47-3	Chromium	48.2			P
7440-48-4	Cobalt	18.8			P
7440-50-8	Copper	37.5			P
7439-92-1	Lead	15.6			P
7439-97-6	Mercury	0.02	U		AV
7440-02-0	Nickel	52.0			P
7782-49-2	Selenium	0.92		*	P
7440-22-4	Silver	0.15	U		P
7440-28-0	Thallium	1.7		*	P
7440-62-2	Vanadium	52.0			P
7440-66-6	Zinc	94.5			P
7440-31-5	Tin	1.5			P

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts:

Comments:

SH598-042398-SED4

FORM I - IN

U.S. EPA

1

INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

98SED5

Lab Name: RECRA_LABNET Contract: 1667-6

Lab Code: RECRA Case No.: SAS No.: SDG No.: 98SED1

Matrix (soil/water): SOIL Lab Sample ID: 9804L560-006

Level (low/med): LOW Date Received: 04/24/98

% Solids: 58.4

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7440-36-0	Antimony	0.43	U	N	P
7440-38-2	Arsenic	3.5		*	P
7440-39-3	Barium	106			P
7440-41-7	Beryllium	0.79			P
7440-43-9	Cadmium	0.07	U		P
7440-47-3	Chromium	23.3			P
7440-48-4	Cobalt	9.4			P
7440-50-8	Copper	15.5			P
7439-92-1	Lead	7.8			P
7439-97-6	Mercury	0.03	U		AV
7440-02-0	Nickel	19.6			P
7782-49-2	Selenium	0.64		*	P
7440-22-4	Silver	0.16	U		P
7440-28-0	Thallium	1.6		*	P
7440-62-2	Vanadium	34.7			P
7440-66-6	Zinc	57.1			P
7440-31-5	Tin	1.5			P

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts:

Comments:

SH598-042398-SED5

FORM I - IN

U.S. EPA

1

INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

98SW1

Lab Name: RECRA_LABNET Contract: 1667-6

Lab Code: RECRA Case No.: SAS No.: SDG No.: 98SED1

Matrix (soil/water): WATER Lab Sample ID: 9804L560-010

Level (low/med): LOW Date Received: 04/24/98

% Solids: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7440-36-0	Antimony	3.0	U		P
7440-38-2	Arsenic	3.3	U		P
7440-39-3	Barium	45.8			P
7440-41-7	Beryllium	0.20	U		P
7440-43-9	Cadmium	0.50	U	*	P
7440-47-3	Chromium	5.8			P
7440-48-4	Cobalt	1.6			P
7440-50-8	Copper	7.4			P
7439-92-1	Lead	8.1		*	P
7439-97-6	Mercury	0.10	U		AV
7440-02-0	Nickel	5.0			P
7782-49-2	Selenium	4.5			P
7440-22-4	Silver	1.1	U		P
7440-28-0	Thallium	5.6	U		P
7440-62-2	Vanadium	8.6			P
7440-66-6	Zinc	28.5			P
7440-31-5	Tin	4.8	U		P

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts:

Comments:

SH598-042398-SW1

FORM I - IN

U.S. EPA

1

INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

98SW2

Lab Name: RECRA_LABNET Contract: 1667-6

Lab Code: RECRA Case No.: SAS No.: SDG No.: 98SED1

Matrix (soil/water): WATER Lab Sample ID: 9804L560-011

Level (low/med): LOW Date Received: 04/24/98

% Solids: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7440-36-0	Antimony	3.0	U		P
7440-38-2	Arsenic	4.2			P
7440-39-3	Barium	34.0			P
7440-41-7	Beryllium	0.20	U		P
7440-43-9	Cadmium	0.50	U	*	P
7440-47-3	Chromium	2.8			P
7440-48-4	Cobalt	1.5	U		P
7440-50-8	Copper	6.5			P
7439-92-1	Lead	7.9		*	P
7439-97-6	Mercury	0.10	U		AV
7440-02-0	Nickel	3.7			P
7782-49-2	Selenium	4.0	U		P
7440-22-4	Silver	1.1	U		P
7440-28-0	Thallium	5.6	U		P
7440-62-2	Vanadium	4.1			P
7440-66-6	Zinc	18.9			P
7440-31-5	Tin	4.8	U		P

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts:

Comments:

SH598-042398-SW2

FORM I - IN

U.S. EPA

1

INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

98SW3

Lab Name: RECRA_LABNET Contract: 1667-6

Lab Code: RECRA Case No.: SAS No.: SDG No.: 98SED1

Matrix (soil/water): WATER Lab Sample ID: 9804L560-012

Level (low/med): LOW Date Received: 04/24/98

% Solids: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7440-36-0	Antimony	3.0	U		P
7440-38-2	Arsenic	3.3	U		P
7440-39-3	Barium	8.3			P
7440-41-7	Beryllium	0.20	U		P
7440-43-9	Cadmium	0.50	U	*	P
7440-47-3	Chromium	1.1	U		P
7440-48-4	Cobalt	1.5	U		P
7440-50-8	Copper	0.90	U		P
7439-92-1	Lead	2.6		*	P
7439-97-6	Mercury	0.10	U		AV
7440-02-0	Nickel	1.3	U		P
7782-49-2	Selenium	4.0	U		P
7440-22-4	Silver	1.1	U		P
7440-28-0	Thallium	5.6	U		P
7440-62-2	Vanadium	1.3	U		P
7440-66-6	Zinc	3.4			P
7440-31-5	Tin	4.8	U		P

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts:

Comments:

SH598-042398-SW3

FORM I - IN

U.S. EPA

1

INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

98SW4

Lab Name: RECRA_LABNET Contract: 1667-6

Lab Code: RECRA Case No.: SAS No.: SDG No.: 98SED1

Matrix (soil/water): WATER Lab Sample ID: 9804L560-013

Level (low/med): LOW Date Received: 04/24/98

% Solids: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7440-36-0	Antimony	3.0	U		P
7440-38-2	Arsenic	3.3	U		P
7440-39-3	Barium	13.2			P
7440-41-7	Beryllium	0.20	U		P
7440-43-9	Cadmium	0.50	U	*	P
7440-47-3	Chromium	1.1	U		P
7440-48-4	Cobalt	1.5	U		P
7440-50-8	Copper	1.5			P
7439-92-1	Lead	3.2		*	P
7439-97-6	Mercury	0.10	U		AV
7440-02-0	Nickel	1.3			P
7782-49-2	Selenium	4.0	U		P
7440-22-4	Silver	1.1	U		P
7440-28-0	Thallium	5.6	U		P
7440-62-2	Vanadium	1.3			P
7440-66-6	Zinc	2.2			P
7440-31-5	Tin	4.8	U		P

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts:

Comments:

SH598-042398-SW4

FORM I - IN

U.S. EPA

1

INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

98SW5

Lab Name: RECRA_LABNET Contract: 1667-6

Lab Code: RECRA Case No.: SAS No.: SDG No.: 98SED1

Matrix (soil/water): WATER Lab Sample ID: 9804L560-014

Level (low/med): LOW Date Received: 04/24/98

% Solids: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7440-36-0	Antimony	3.0	U		P
7440-38-2	Arsenic	3.3	U		P
7440-39-3	Barium	10.6			P
7440-41-7	Beryllium	0.20	U		P
7440-43-9	Cadmium	0.50	U	*	P
7440-47-3	Chromium	1.1	U		P
7440-48-4	Cobalt	1.5	U		P
7440-50-8	Copper	1.9			P
7439-92-1	Lead	2.5	U	*	P
7439-97-6	Mercury	0.10	U		AV
7440-02-0	Nickel	1.6			P
7782-49-2	Selenium	4.0	U		P
7440-22-4	Silver	1.1	U		P
7440-28-0	Thallium	5.6	U		P
7440-62-2	Vanadium	1.3	U		P
7440-66-6	Zinc	2.5			P
7440-31-5	Tin	4.8	U		P

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts:

Comments:

SH598-042398-SW5

FORM I - IN

Monitoring Well GMW4 Sample Results

RECRA
LabNet
a division of Recra Environmental, Inc.
Virtual Laboratories Everywhere

5 October 1998

OCT 8 1998

Mr. Russ Mulvey
NYSDEC Region 5
Route 86
Raybrook, NY 12977-0296

Ref: Contract C003783
Sample Data Package: RFW Batch 9807L808
NYSDEC ID: SH598-55800-BFGMW4, BTRIP1

Dear Mr. Ryan:

Enclosed please find the data report for 1 water sample and a trip blank received 13 July 1998 for analysis for VOA, BNA, pesticides/PCBs and 17 hazardous metals. Due to our overload in Lionville at the time, we forwarded these samples to the Amherst laboratory. Their data package is enclosed. (It had been sent to you by that laboratory but due to some confusion, you returned the package to me.)

Please do not hesitate to contact me at (610) 280-3000 with any questions you may have.

Very truly yours,

Recra LabNet Philadelphia

Judith L. Stone
Senior Project Manager

Enclosure

208 Welsh Pool Road • Lionville, PA 19341-1333 • (610)-280-3000 • Fax (610) 280-3041

RECRA
LabNet

a division of Recra Environmental, Inc.

Virtual Laboratories Everywhere

Mr. John Ryan
NYSDEC
50 Wolf Road, Room 305
Albany, NY 12233

September 4, 1998

RE: Analytical Results

Dear Mr. Ryan:

Please find enclosed analytical results concerning the samples recently submitted by your agency. The pertinent information regarding these analyses is listed below:

Case #: SH598
SDG #: 558008
Matrix: Aqueous
Samples Received: 07/13 & 22/98
Sample Date: 07/10/98

If you have any questions concerning these data, please contact Mr. Mark Nemec, Program Manager, at (716) 691-2600 and refer to the I.D. number listed below. It has been our pleasure to provide the New York State Department of Environmental Conservation with environmental testing services. We look forward to serving you in the future.

Sincerely,

RECRA LABNET, INC.

Mark A. Nemec
Program Manager

Kenneth E. Kasperek
Laboratory Director

MAN/KEK/ltb
Enclosure
cc: Russ Mulvey - Region 5

I.D.#A98-2795, 2881
#NY7A7260-9

This report contains 735 pages which are individually numbered.

RECRA LabNet Use Only
9807L808

Custody Transfer Record/Lab Work Request

Page 1 of 1

RECRA LabNet

Client NYSDEC

Est. Final Proj. Sampling Date

Project # ~~[illegible]~~ 01667-600-001-9999-0

Project Contact/Phone # R. Mulvey / 518 897 1242

RECRA Project Manager J.S.

QC SW846 Del CLP TAT 30

Date Rec'd 7/13/98 Date Due 8/12/98

Account # NYSDECSTD

Refrigerator #								
#/Type Container	Liquid	[illegible]	1AG				1LP	
	Solid							
Volume	Liquid	[illegible]	[illegible]	[illegible]			1L	
	Solid							
Preservatives		—	—	—			HNO3	
ANALYSES REQUESTED		ORGANIC: VOA	BNA	Pest/PCB	Herb		INORG: Metal	CN

MATRIX CODES:
S - Soil
SE - Sediment
SO - Solid
SL - Sludge
W - Water
O - Oil
A - Air
DS - Drum Solids
DL - Drum Liquids
L - EP/TCLP Leachate
WI - Wipe
X - Other
F - Fish

Lab ID	Client ID/Description	Matrix QC Chosen (✓) MS	MSD	Matrix	Date Collected 1998	Time Collected	8024H	8025H	8PCB	Mup [illegible]
001	SH548558008 FGMW4			W	07/10	1100	X	X	X	X
002	SH548558008 TRIP 1			W	07/10	1105	TRIP BLANK			

RECRA LabNet Use Only

Special Instructions:

DATE/REVISIONS:
7/14/98 1. entire batch subbed to
2. Recra-Buffalo
3.
4.
5.
6.

RECRA LabNet Use Only

Samples were:
1) Shipped ✓ or Hand Delivered ____
Airbill # 222864657
2) Ambient or (Chilled)
3) Received in Good Condition (Y) or N
4) Labels Indicate Properly Preserved (Y) or N
5) Received Within Holding Times (Y) or N

COC Tape was:
1) Present on Outer Package Y or (N)
2) Unbroken on Outer Package Y or N
3) Present on Sample Y or (N)
4) Unbroken on Sample Y or N
COC Record Present Upon Sample Rec't (Y) or N
Cooler Temp. 16.4 °C

Relinquished by	Received by	Date	Time
Russ Mulvey		07/10/98	
CPS	[illegible signature]	07/13/98	0930

Relinquished by	Received by	Date	Time

Discrepancies Between Samples Labels and COC Record? Y or (N)
NOTES:

74-15-1 (9/97)—q

SEND THIS SHEET WITH SAMPLE TO CONTACT LAB

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

CONTRACT LAB SAMPLE INFORMATION SHEET

Print Legibly

OCT 6 1998

Part 3

CAUTION (check if applicable)

☐ Lab personnel are expected to use caution when handling DEC samples, however, please use special caution when handling this sample since it is believed to contain significant concentrations of hazardous and/or toxic materials(s)

CHECK THE BOX PRECEDING THE REQUESTED ANALYSIS

PRIORITY POLLUTANTS (Water Part 136)—SPDES

☐ 2. 13PP Metals
☐ 3. Volatiles—(USEPA 624 GC/MS)
☐ 6. Pesticides/PCBs (USEPA 608-GC)
☐ 4. Acids Base/Neutrals (USEPA 624 GC/MS)
☐ 5. Cyanide
☐ 9. BOD
☐ 7. Halogenated Volatiles (USEPA 601 GC)
☐ 8. Aromatic Volatiles USEPA 602 GC)
☐ 12. TSS
☐ 10. pH
☐ 11. COD
☐ 15. Ammonia
☐ 13. Settleable Solids
☐ 14. TKN
☐ 18. Reactive Phosphorus
☐ 16. Nitrate/Nitrite
☐ 17. Total Phosphorus
☐ 21. Total Phenols
☐ 19. Oil/Grease)
☐ 20. TOC
☐ 60. PCBs congener method (ASP 91-11)
☐ 22. Other ____________
☐ 59. PCBs at 0.065 ug/l
☐ 64. Total Solids
☐ 62. CBOD
☐ 65. Volatiles (USEPA 524.2 GC/MS)

CONTRACT LABORATORY PROTOCOLS

☐ 23 (ALL)—Water—Includes 24-28
☐ 29. (ALL)—Soil/Sediments—Includes 30-34
☐ 24 Base/Neutral/Acid (B/N/A)—Water—GC/MS (ASP #95-2)
☐ 30. (B/N/A)—Soil/Sediments—GC/MS (ASP #95-2)
☐ 25 Volatile Organic Analysis VOA—Water—GC/MS (ASP #95-1)
☐ 31. VOA—Soil/Sediments—GC/MS (ASP #95-1)
☐ 26 Pesticides/PCBs—Water—GC/MS (ASP #95-3)
☐ 32. Pesticides/PCBs—Soil/Sediments—GC (ASP #95-3)
☐ 27 Metals—23 in Water
☐ 33. Metals—23 in Soil/Sediments)
☐ 28 Cyanide—Water
☐ 34. Cyanide—Soil/Sediments)
☐ 66 Dioxin-Water (ASP #91-7)
☐ 67. Dioxin-Soil/Sediments (ASP #91-7)
☐ 35 Other ____________

HAZARDOUS WASTES/RCRA ANALYSIS SW-846

☐ 36. EP Toxicity
☐ 37. EP Toxicity (Metals Only)
☐ 38. Ignitability
☐ 39. Corrosivity
☒ 40. VOA—(USEPA 8260 GC/MS)
☒ 41. BNA—(USEPA 8270 GC/MS)
☒ 42. Pesticides/PCBs (USEPA 8081)
☐ 43. TCLP
☐ 44. TCLP (Metals Only)
☐ 45. Reactivity
☐ 46. Dioxin (USEPA 8280)
☐ 47. Appendix IX
☐ 48. Other ____________
☐ 63 Percent Solids
☒ 68. Metals—17 Hazardous

MUNICIPAL SLUDGE

☐ 56. RS-01 ☐ 57. RS-02 ☐ 58. Other ____________

COLLECTED BY:	TELEPHONE NUMBER:	REGION NO.:
Russ Mulvey	513 897 1242	5

CONTRACT LABORATORY:	COUNTY:	SAMPLING DATE:	MILITARY TIME:
RECRA	Washington	07/10/98	1100

SAMPLE MATRIX:

☐ Air ☐ Soil/Sediment ☒ Groundwater ☐ Surface Water ☐ Wastewater ☐ Other ____________

CASE NO.	SDG NO.	SAMPLE NO.	CHECK FOR MS/MD	TYPE OF SAMPLE
3 1 4 9 9 1	3 5 T 9 0 1 0	3 FG M W 4	☐ This sample	☒ Grab ☐ Composite ☐ Term ____ hours

☐ Check if there will be more samples with this SDG sent in this calendar week.

SAMPLING POINT:

Report via Category B, unless checked ☐

Check if field duplicate ☐ Outfall Number

Check if sampling is part of inspection ☐

FLOW: ________ GPD ________ MGD

SPDES NUMBER/REGISTRY NUMBER

74-15-1 (9/97)—q

SEND THIS SHEET WITH SAMPLE TO CONTACT LAB

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

CONTRACT LAB SAMPLE INFORMATION SHEET

Print Legibly

Part 3

CAUTION (check if applicable)

☐ Lab personnel are expected to use caution when handling DEC samples, however, please use special caution when handling this sample since it is believed to contain significant concentrations of hazardous and/or toxic materials(s)

CHECK THE BOX PRECEDING THE REQUESTED ANALYSIS

PRIORITY POLLUTANTS (Water Part 136)—SPDES

☐ 2. 13PP Metals
☐ 4. Acids Base/Neutrals (USEPA 624 GC/MS)
☐ 7. Halogenated Volatiles (USEPA 601 GC)
☐ 10. pH
☐ 13. Settleable Solids
☐ 16. Nitrate/Nitrite
☐ 19. Oil/Grease)
☐ 22. Other ____________
☐ 3. Volatiles—(USEPA 624 GC/MS)
☐ 5. Cyanide
☐ 8. Aromatic Volatiles USEPA 602 GC)
☐ 11. COD
☐ 14. TKN
☐ 17. Total Phosphorus
☐ 20. TOC
☐ 59. PCBs at 0.065 ug/l
☐ 62. CBOD
☐ 6. Pesticides/PCBs (USEPA 608-GC)
☐ 9. BOD
☐ 12. TSS
☐ 15. Ammonia
☐ 18. Reactive Phosphorus
☐ 21. Total Phenols
☐ 60. PCBs congener method (ASP 91-11)
☐ 64. Total Solids
☐ 65. Volatiles (USEPA 524.2 GC/MS)

CONTRACT LABORATORY PROTOCOLS

☐ 23 (ALL)—Water—Includes 24-28
☐ 24 Base/Neutral/Acid (B/N/A)—Water—GC/MS (ASP #95-2)
☐ 25 Volatile Organic Analysis VOA—Water—GC/MS (ASP #95-1)
☐ 26 Pesticides/PCBs—Water—GC/MS (ASP #95-3)
☐ 27 Metals—23 in Water
☐ 28 Cyanide—Water
☐ 66 Dioxin-Water (ASP #91-7)
☐ 35 Other ____________
☐ 29. (ALL)—Soil/Sediments—Includes 30-34
☐ 30. (B/N/A)—Soil/Sediments—GC/MS (ASP #95-2)
☐ 31. VOA—Soil/Sediments—GC/MS (ASP #95-1)
☐ 32. Pesticides/PCBs—Soil/Sediments—GC (ASP #95-3)
☐ 33. Metals—23 in Soil/Sediments)
☐ 34. Cyanide—Soil/Sediments)
☐ 67. Dioxin-Soil/Sediments (ASP #91-7)

HAZARDOUS WASTES/RCRA ANALYSIS SW-846

☐ 36. EP Toxicity
☐ 39. Corrosivity
☐ 42. Pesticides/PCBs (USEPA 8081)
☐ 45. Reactivity
☐ 48. Other ____________
☐ 37. EP Toxicity (Metals Only)
☐ 40. VOA—(USEPA 8260 GC/MS)
☐ 43. TCLP
☐ 46. Dioxin (USEPA 8280)
☐ 63 Percent Solids
☐ 38. Ignitability
☐ 41. BNA—(USEPA 8270 GC/MS)
☐ 44. TCLP (Metals Only)
☐ 47. Appendix IX
☐ 68. Metals—17 Hazardous

MUNICIPAL SLUDGE

☐ 56. RS-01 ☐ 57. RS-02 ☐ 58. Other ____________

COLLECTED BY:	TELEPHONE NUMBER:	REGION NO.:
Russ Mulvey	513 897 1242	5

CONTRACT LABORATORY:	COUNTY:	SAMPLING DATE:	MILITARY TIME:
RECRA	Washington	07/10/93	1105

SAMPLE MATRIX:

☐ Air ☐ Soil/Sediment ☐ Groundwater ☐ Surface Water ☐ Wastewater ☒ Other TRIP BL[illegible]

CASE NO.	SDG NO.	SAMPLE NO.	CHECK FOR MS/MD.	TYPE OF SAMPLE
5479	9753010	8TR1P1	☐ This sample	☒ Grab ☐ Composite ☐ Term ____ hours

☐ Check if there will be more samples with this SDG sent in this calendar week.

SAMPLING POINT:

Report via Category B, unless checked ☐

Check if field duplicate ☐ Outfall Number

Check if sampling is part of inspection ☐

FLOW: ________ GPD ________ MGD

SPDES NUMBER/REGISTRY NUMBER

METHOD 8260 - TCL VOLATILES
ANALYSIS DATA SHEET

000013

Client No

FGMW4

b Name: Recra LabNet Contract: C003783

Lab Code: RECNY Case No.: SH598 SAS No.: _____ SDG No.: 558008

Matrix: (soil/water) WATER Lab Sample ID: A8279501

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: H7991.RR

Level: (low/med) LOW Date Samp/Recv: 07/10/98 07/13/9

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 07/20/98

GC Column: DB-624 ID: 0.53 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-87-3	Chloromethane	10	U
74-83-9	Bromomethane	10	U
75-01-4	Vinyl chloride	190	
75-00-3	Chloroethane	10	U
75-09-2	Methylene chloride	10	U
67-64-1	Acetone	10	U
75-15-0	Carbon Disulfide	10	U
75-35-4	1,1-Dichloroethene	10	U
75-34-3	1,1-Dichloroethane	10	U
540-59-0	1,2-Dichloroethene (Total)	370	E
67-66-3	Chloroform	10	U
107-06-2	1,2-Dichloroethane	10	U
78-93-3	2-Butanone	10	U
71-55-6	1,1,1-Trichloroethane	10	U
56-23-5	Carbon Tetrachloride	10	U
75-27-4	Bromodichloromethane	10	U
78-87-5	1,2-Dichloropropane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
79-01-6	Trichloroethene	7	J
124-48-1	Dibromochloromethane	10	U
79-00-5	1,1,2-Trichloroethane	10	U
71-43-2	Benzene	10	U
10061-02-6	trans-1,3-Dichloropropene	10	U
75-25-2	Bromoform	10	U
108-10-1	4-Methyl-2-pentanone	10	U
591-78-6	2-Hexanone	10	U
127-18-4	Tetrachloroethene	10	U
108-88-3	Toluene	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
108-90-7	Chlorobenzene	2	J
100-41-4	Ethylbenzene	10	U
100-42-5	Styrene	10	U
1330-20-7	Total Xylenes	15	U

METHOD 8260 - TCL VOLATILES
TENTATIVELY IDENTIFIED COMPOUNDS

Client No: FGMW4

Lab Name: Recra LabNet Contract: C003783

Lab Code: RECNY Case No.: SH598 SAS No.: _____ SDG No.: 558008

Matrix: (soil/water) WATER Lab Sample ID: A8279501

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: H7991.RR

Level: (low/med) LOW Date Samp/Recv: 07/10/98 07/13/9

% Moisture: not dec. _____ Date Analyzed: 07/20/98

GC Column: DB-624 ID: 0.53 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (ul

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NO.	Compound Name	RT	Est. Conc.	Q

METHOD 8260 - TCL VOLATILES
ANALYSIS DATA SHEET

Client No: FGMW4DL

b Name: Recra LabNet Contract: C003783

Lab Code: RECNY Case No.: SH598 SAS No.: _____ SDG No.: 558008

Matrix: (soil/water) WATER Lab Sample ID: A8279501DL

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: H8010.RR

Level: (low/med) LOW Date Samp/Recv: 07/10/98 07/13/9

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 07/21/98

GC Column: DB-624 ID: 0.53 (mm) Dilution Factor: 2.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uI

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-87-3	Chloromethane	20	U
74-83-9	Bromomethane	20	U
75-01-4	Vinyl chloride	170	D
75-00-3	Chloroethane	20	U
75-09-2	Methylene chloride	20	U
67-64-1	Acetone	20	U
75-15-0	Carbon Disulfide	20	U
75-35-4	1,1-Dichloroethene	20	U
75-34-3	1,1-Dichloroethane	20	U
540-59-0	1,2-Dichloroethene (Total)	340	D
67-66-3	Chloroform	20	U
107-06-2	1,2-Dichloroethane	20	U
78-93-3	2-Butanone	20	U
71-55-6	1,1,1-Trichloroethane	20	U
56-23-5	Carbon Tetrachloride	20	U
75-27-4	Bromodichloromethane	20	U
78-87-5	1,2-Dichloropropane	20	U
10061-01-5	cis-1,3-Dichloropropene	20	U
79-01-6	Trichloroethene	6	DJ
124-48-1	Dibromochloromethane	20	U
79-00-5	1,1,2-Trichloroethane	20	U
71-43-2	Benzene	20	U
10061-02-6	trans-1,3-Dichloropropene	20	U
75-25-2	Bromoform	20	U
108-10-1	4-Methyl-2-pentanone	20	U
591-78-6	2-Hexanone	20	U
127-18-4	Tetrachloroethene	20	U
108-88-3	Toluene	20	U
79-34-5	1,1,2,2-Tetrachloroethane	20	U
108-90-7	Chlorobenzene	3	DJ
100-41-4	Ethylbenzene	20	U
100-42-5	Styrene	20	U
1330-20-7	Total Xylenes	30	U

METHOD 8260 - TCL VOLATILES
TENTATIVELY IDENTIFIED COMPOUNDS

Client No: FGMW4DL

Lab Name: Recra LabNet Contract: C003783

Lab Code: RECNY Case No.: SH598 SAS No.: _____ SDG No.: 558008

Matrix: (soil/water) WATER Lab Sample ID: A8279501DL

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: H8010.RR

Level: (low/med) LOW Date Samp/Recv: 07/10/98 07/13/9

% Moisture: not dec. _____ Date Analyzed: 07/21/98

GC Column: DB-624 ID: 0.53 (mm) Dilution Factor: 2.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NO.	Compound Name	RT	Est. Conc.	Q

METHOD 8260 - TCL VOLATILES
ANALYSIS DATA SHEET

Client No.

TR1P1

Name: Recra LabNet Contract: C003783

Lab Code: RECNY Case No.: SH598 SAS No.: _____ SDG No.: 558008

Matrix: (soil/water) WATER Lab Sample ID: A8279502

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: H8009.RR

Level: (low/med) LOW Date Samp/Recv: 07/10/98 07/13/98

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 07/21/98

GC Column: DB-624 ID: 0.53 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-87-3	Chloromethane	10	U
74-83-9	Bromomethane	10	U
75-01-4	Vinyl chloride	10	U
75-00-3	Chloroethane	10	U
75-09-2	Methylene chloride	1	J
67-64-1	Acetone	10	U
75-15-0	Carbon Disulfide	10	U
75-35-4	1,1-Dichloroethene	10	U
75-34-3	1,1-Dichloroethane	10	U
540-59-0	1,2-Dichloroethene (Total)	10	U
67-66-3	Chloroform	10	U
107-06-2	1,2-Dichloroethane	10	U
78-93-3	2-Butanone	10	U
71-55-6	1,1,1-Trichloroethane	10	U
56-23-5	Carbon Tetrachloride	10	U
75-27-4	Bromodichloromethane	10	U
78-87-5	1,2-Dichloropropane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
79-01-6	Trichloroethene	10	U
124-48-1	Dibromochloromethane	10	U
79-00-5	1,1,2-Trichloroethane	10	U
71-43-2	Benzene	10	U
10061-02-6	trans-1,3-Dichloropropene	10	U
75-25-2	Bromoform	10	U
108-10-1	4-Methyl-2-pentanone	10	U
591-78-6	2-Hexanone	10	U
127-18-4	Tetrachloroethene	10	U
108-88-3	Toluene	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
100-42-5	Styrene	10	U
330-20-7	Total Xylenes	15	U

METHOD 8260 - TCL VOLATILES
TENTATIVELY IDENTIFIED COMPOUNDS

000018

Client No

TR1P1

Lab Name: Recra LabNet Contract: C003783

Lab Code: RECNY Case No.: SH598 SAS No.: _____ SDG No.: 558008

Matrix: (soil/water) WATER Lab Sample ID: A8279502

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: H8009.RR

Level: (low/med) LOW Date Samp/Recv: 07/10/98 07/13/9

% Moisture: not dec. _____ Date Analyzed: 07/21/98

GC Column: DB-624 ID: 0.53 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NO.	Compound Name	RT	Est. Conc.	Q

000019

METHOD 8270 - TCL SEMIVOLATILES
ANALYSIS DATA SHEET

Client No

FGMW4

Lab Name: Recra LabNet Contract: C003783

Lab Code: RECNY Case No.: SH598 SAS No.: _____ SDG No.: 558008

Matrix: (soil/water) WATER Lab Sample ID: A8279501

Sample wt/vol: 1000.0 (g/mL) ML Lab File ID: Y31974.RR

Level: (low/med) LOW Date Samp/Recv: 07/10/98 07/13/9

% Moisture: _____ decanted: (Y/N) N Date Extracted: 07/17/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/04/98

Injection Volume: 2.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 7.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-95-2	Phenol	10	U
111-44-4	Bis(2-chloroethyl) ether	10	U
95-57-8	2-Chlorophenol	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	1	J
95-50-1	1,2-Dichlorobenzene	10	U
95-48-7	2-Methylphenol	10	U
108-60-1	2,2'-oxybis(1-Chloropropane)	10	U
106-44-5	4-Methylphenol	10	U
621-64-7	N-Nitroso-Di-n-propylamine	10	U
67-72-1	Hexachloroethane	10	U
98-95-3	Nitrobenzene	10	U
78-59-1	Isophorone	10	U
88-75-5	2-Nitrophenol	10	U
105-67-9	2,4-Dimethylphenol	10	U
111-91-1	Bis(2-chloroethoxy) methane	10	U
120-83-2	2,4-Dichlorophenol	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U
91-20-3	Naphthalene	10	U
106-47-8	4-Chloroaniline	10	U
87-68-3	Hexachlorobutadiene	10	U
59-50-7	4-Chloro-3-methylphenol	10	U
91-57-6	2-Methylnaphthalene	10	U
77-47-4	Hexachlorocyclopentadiene	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
95-95-4	2,4,5-Trichlorophenol	25	U
91-58-7	2-Chloronaphthalene	10	U
88-74-4	2-Nitroaniline	25	U
131-11-3	Dimethyl phthalate	10	U
208-96-8	Acenaphthylene	10	U
606-20-2	2,6-Dinitrotoluene	10	U
99-09-2	3-Nitroaniline	25	U

METHOD 8270 - TCL SEMIVOLATILES
ANALYSIS DATA SHEET

Client No: FGMW4

b Name: Recra LabNet Contract: C003783

Lab Code: RECNY Case No.: SH598 SAS No.: _____ SDG No.: 558008

Matrix: (soil/water) WATER Lab Sample ID: A8279501

Sample wt/vol: 1000.0 (g/mL) ML Lab File ID: Y31974.RR

Level: (low/med) LOW Date Samp/Recv: 07/10/98 07/13/9

% Moisture: _____ decanted: (Y/N) N Date Extracted: 07/17/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/04/98

Injection Volume: 2.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 7.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
83-32-9	Acenaphthene	10	U
51-28-5	2,4-Dinitrophenol	25	U
100-02-7	4-Nitrophenol	25	U
132-64-9	Dibenzofuran	10	U
121-14-2	2,4-Dinitrotoluene	10	U
84-66-2	Diethyl phthalate	10	U
7005-72-3	4-Chlorophenyl phenyl ether	10	U
86-73-7	Fluorene	10	U
100-01-6	4-Nitroaniline	25	U
534-52-1	4,6-Dinitro-2-methylphenol	25	U
86-30-6	N-nitrosodiphenylamine	10	U
101-55-3	4-Bromophenyl phenyl ether	10	U
118-74-1	Hexachlorobenzene	10	U
87-86-5	Pentachlorophenol	25	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
84-74-2	Di-n-butyl phthalate	10	U
206-44-0	Fluoranthene	10	U
129-00-0	Pyrene	10	U
85-68-7	Butyl benzyl phthalate	10	U
91-94-1	3,3'-Dichlorobenzidine	10	U
56-55-3	Benzo(a)anthracene	10	U
218-01-9	Chrysene	10	U
117-81-7	Bis(2-ethylhexyl) phthalate	10	U
117-84-0	Di-n-octyl phthalate	10	U
205-99-2	Benzo(b)fluoranthene	10	U
207-08-9	Benzo(k)fluoranthene	10	U
50-32-8	Benzo(a)pyrene	10	U
193-39-5	Indeno(1,2,3-cd)pyrene	10	U
53-70-3	Dibenzo(a,h)anthracene	10	U
191-24-2	Benzo(ghi)perylene	10	U
100-51-6	Benzyl alcohol	10	U

000021

METHOD 8270 - TCL SEMIVOLATILES
ANALYSIS DATA SHEET

Client No

FGMW4

Lab Name: Recra LabNet Contract: C003783

Lab Code: RECNY Case No.: SH598 SAS No.: _____ SDG No.: 558008

Matrix: (soil/water) WATER Lab Sample ID: A8279501

Sample wt/vol: 1000.0 (g/mL) ML Lab File ID: Y31974.RR

Level: (low/med) LOW Date Samp/Recv: 07/10/98 07/13/9

% Moisture: _____ decanted: (Y/N) N Date Extracted: 07/17/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/04/98

Injection Volume: 2.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 7.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
62-75-9	N-Nitrosodimethylamine	10	U

METHOD 8270 - TCL SEMIVOLATILES
TENTATIVELY IDENTIFIED COMPOUNDS

Client No: FGMW4

Lab Name: Recra LabNet Contract: C003783

Lab Code: RECNY Case No.: SH598 SAS No.: _____ SDG No.: 558008

Matrix: (soil/water) WATER Lab Sample ID: A8279501

Sample wt/vol: 1000.0 (g/mL) ML Lab File ID: Y31974.RR

Level: (low/med) LOW Date Samp/Recv: 07/10/98 07/13/98

% Moisture: _____ decanted: (Y/N) N Date Extracted: 07/17/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/04/98

Injection Volume: 2.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 7.0

Number TICs found: 12 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

	CAS NO.	Compound Name	RT	Est. Conc.	Q
1.	105-60-2	CAPROLACTAM	11.83	22	JN
2.	13029-08-8	DICHLORO-1,1'-BIPHENYL ISOME	17.51	9	JN
3.		UNKNOWN ALCOHOL	24.45	5	BJ
4.		UNKNOWN ALCOHOL	27.05	2	BJ
5.		UNKNOWN ALCOHOL	29.53	2	BJ
6.		UNKNOWN ALCOHOL	29.63	3	BJ
7.		UNKNOWN ALCOHOL	30.03	11	J
8.		UNKNOWN AMIDE	31.01	4	J
9.		UNKNOWN ALCOHOL	32.10	11	J
10.		UNKNOWN	32.65	2	J
11.		UNKNOWN	34.13	69	J
12.		UNKNOWN	35.73	3	J

000023

METHOD 8081 - POLYCHLORINATED BIPHENYLS
ANALYSIS DATA SHEET

Client Nc

FGMW4 000023

Lab Name: Recra LabNet Contract: C003783

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 558008

Matrix: (soil/water) WATER Lab Sample ID: A8288101

Sample wt/vol: 990.00 (g/mL) ML Lab File ID: RA45236.TX0

% Moisture: _____ decanted: (Y/N) N Date Samp/Recv: 07/10/98 07/13/9

Extraction: (SepF/Cont/Sonc/Soxh): CONT Date Extracted: 07/15/98

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 07/27/98

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 7.00 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
12674-11-2	Aroclor 1016	0.50	U
11104-28-2	Aroclor 1221	0.50	U
11141-16-5	Aroclor 1232	0.50	U
53469-21-9	Aroclor 1242	6.3	
12672-29-6	Aroclor 1248	0.50	U
11097-69-1	Aroclor 1254	1.0	U
11096-82-5	Aroclor 1260	1.0	U

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INORGANIC ANALYSES DATA SHEET

NYSDEC SAMPLE NO.

FGMW4

Lab Name: RECRA_LABNET_INC._____ Contract: C002989___
Lab Code: RECNY_ Case No.: SH598 SAS No.: _____ SDG No.: 558008
Matrix (soil/water): WATER Lab Sample ID: AD809381
Level (low/med): LOW__ Date Received: 07/13/98
% Solids: __0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L_

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum_		_		NR
7440-36-0	Antimony_	4.0	U		P_
7440-38-2	Arsenic__	2.1	U		P_
7440-39-3	Barium___	35.4	B		P_
7440-41-7	Beryllium	1.0	U		P_
7440-43-9	Cadmium__	0.50	U		P_
7440-70-2	Calcium__		_		NR
7440-47-3	Chromium_	1.0	U		P_
7440-48-4	Cobalt___	1.6	B		P_
7440-50-8	Copper___	1.0	U		P_
7439-89-6	Iron_____		_		NR
7439-92-1	Lead_____	2.0	U		P_
7439-95-4	Magnesium		_		NR
7439-96-5	Manganese		_		NR
7439-97-6	Mercury__	0.20	U		CV
7440-02-0	Nickel___	1.2	U		P_
7440-09-7	Potassium		_		NR
7782-49-2	Selenium_	5.0	U		P_
7440-22-4	Silver___	1.0	U		P_
7440-23-5	Sodium___		_		NR
7440-28-0	Thallium_	4.0	U		P_
7440-62-2	Vanadium_	1.4	B		P_
7440-66-6	Zinc_____	3.2	B		P_
_____	Cyanide__		_		NR
_____	Tin_____	3.1	U		P_
_____	_____	_____	_	_____	___
_____	_____	_____	_	_____	___
_____	_____	_____	_	_____	___
_____	_____	_____	_	_____	___
_____	_____	_____	_	_____	___
_____	_____	_____	_	_____	___
_____	_____	_____	_	_____	___

Color Before: COLORLESS Clarity Before: CLEAR_ Texture: _____
Color After: COLORLESS Clarity After: CLEAR_ Artifacts: _____

Comments:
LAB_SAMPLE_ID:__A8279501-CGA01204_____

Table 1.1
Kingsbury and Ft. Edward Landfills #'s 558001 & 558008
Washington County
Previous Off-Site Sampling and Results

Date of Sample	Sample Matrix and Number	Sample Location	Contaminants Found	Results
July 27, 1995	Surface Water (SW-1)	Approximately 100 feet upstream of lock # 10 in the Champlain Canal, Non Detect for PCBs, VOCs, and Metals except for Manganese	Manganese	20 ug/l
	Surface Water (SW-2)	The pool in the canal used for recreational activities adjacent to the Ft. Edward Landfill, similar results to SW-1	Manganese	20 ug/l
	Surface Water (SW-3)	Downstream edge of the pool from SW-2, similar results to SW-1	Manganese	30 ug/l
October 19, 1994	Surface Water	Dip sample taken 3 inches below the surface of Cutter Pond. Non-Detect for PCBs.	N/D	N/D
	Sediment 6447-01	Feeder Canal, quiet pool, south side, between the landfills. Seep from bank with orange floc and landfill odor. Non-Detect for VOAs and PCBs	N/D	N/D
	Sediment 6447-02	Twenty feet upstream from 6447-01, abundant orange floc present.	Benzene Xylene Chlorotoluene Dichlorobenzene PCBs	trace trace trace 20 ppb (TIC) 1.1 ppm

Date of Sample	Sample Matrix and Number	Sample Location	Contaminants Found	Results
	Sediment 6447-03	Small tributary downstream of the Ft. Edward Landfill that empties into the Feeder Canal. Iron floc observed. No VOAs detected.	PCBs	(Approx.) 1.0 ppm
	Surface Water 6447-04	Across Burgoyne Ave. from the landfills, non-detect for PCBs.	N/D	N/D
	Surface Water 6447-05	Taken 100 feet upstream of the confluence of the Feeder and Old Champlain Canals. Non-detect for PCBs	N/D	N/D
June 14, 1994	Surface Water 941491	Feeder Canal, last lock before the Old Champlain Canal. Non-detect for PCBs.	N/D	N/D
May 4, 1994	Surface Water 01- Feeder Canal	No specifics other than in the Feeder Canal, non-detect for PCBs	N/D	N/D
	Surface Water 02- Feeder Canal	non-detect for PCBs	N/D	N/D
	Surface Water 03- Old Champlain Canal	No specifics other than in the Champlain Canal, non-detect for PCBs	N/D	N/D
	Surface Water 04- Old Champlain Canal	non-detect for PCBs	N/D	N/D
	Sediment 01- Feeder Canal	(uppermost) This goes with the 01 surface water sample. Non-detect for PCBs	N/D	N/D
	Sediment 02- Feeder Canal	Just upstream of the confluence of the Feeder and Old Champlain Canals.	PCBs	2.86 ppm

Date of Sample	Sample Matrix and Number	Sample Location	Contaminants Found	Results
	Sediment 03- Old Champlain Canal	Just downstream of the confluence of the New and Old Champlain Canals.	PCBs	0.475 ppm
	Sediment 04- Old Champlain Canal	Just upstream of the confluence of the New and Old Champlain Canals.	PCBs	0.026 ppm
December 14, 1992	Surface Water	Feeder Canal, 100 yards upstream of the Kingsbury Landfill Treatment Plant effluent discharge, non-detect for PCBs	N/D	N/D
	Surface Water	Feeder Canal, immediate vicinity of the effluent pipe. Non-detect for PCBs	N/D	N/D
	Surface Water	Feeder Canal, 1 mile upgradient of the effluent pipe, non-detect for PCBs	N/D	N/D
1989	Sediment and Surface Water, various numbers	Ward Stone sampled the area in various locations along the Feeder Canal and Cutter Pond.	PCBs	single to hundredths of ppb results
Summer 1988	Fish Tissue	Various fish were sampled from Cutter Pond, and the "cow" pond located near the nearby farm and the Ft. Edward Landfill. Cutter pond is near the Kingsbury landfill. Sample analysis was experimental	PCBs	range from tens of ng/ml of sample to fractions of ng/ml of sample.
March 1980	Surface Water (WS-7)	Upstream of Burgoyne Ave. in the Feeder Canal.	PCBs	0.36 ppb
	Surface Water (WS-8)	South-east toe of Kingsbury landfill near Feeder Canal.	PCBs	0.70 ppb

Date of Sample	Sample Matrix and Number	Sample Location	Contaminants Found	Results
	Surface Water (WS-9)	Stream North-east of Ft. Edward landfill, flowing into the Feeder Canal.	PCBs	1.1 ppb
	Surface Water (WS-11)	Junction of the Feeder and Old Champlain Canals.	PCBs	0.27 ppb
	Surface Water (WS-12)	South-east of the Ft. Edward Landfill.	PCBs	0.08 ppb
	Surface Water (WS-4)	South-east of Kingsbury Landfill.	PCBs	1.43 ppb
	Surface Water (WS-5)	South end of swamp area East of Kingsbury Landfill	PCBs	0.27 ppb
	Surface Water (WS-6B)	North end of swamp area East of Kingsbury Landfill. Non-detect for PCBs	N/D	N/D
	Surface Water (WS6B)	"Shermond" Pond, outflow of pond. Non-detect for PCBs	N/D	N/D
September 1977	Surface Water	Feeder Canal - upgradient culvert.	PCBs	2.6 ppb
	Surface Water	Feeder Canal - down gradient	PCBs	1.5 ppb
November 1975	Surface Water (013)	Outflow of drainage area North of Feeder Canal Rd., non-detect for PCBs	N/D	N/D
	Surface Water (053)	Diversion Ditch, Toe of Slope, 75 feet South of Kingsbury Landfill	PCBs	25.25 ppb
	Surface Water (054)	Outlet of Diversion Ditch, 750 feet South of Kingsbury Landfill	PCBs	31.25 ppb
	Surface Water (055)	Southerly most drainage ditch at West end outlet	PCBs	25.25 ppb

TABLE 1

GROUNDWATER ELEVATIONS

Monitoring Well No.	Ground Surface Elevation	Approximate Well Depth (feet)	Measured Groundwater Elevation (Above M.S.L.) 9/11/81	10/1/81	10/14/81	11/4 - 11/6/81
1	268.9	44	---	DRY	DRY	227.40
2	201.7	40	---	192.29	192.89	192.69
2A	201.8	50	---	191.89	192.29	190.89
3	178.7	20	---	173.40	173.40	173.80
4	180.8	20	---	178.96	179.01	179.31
5	179.5	19	---	172.64	173.39	175.24
6	181.7	24	---	179.15	179.45	179.45
6A	181.4	45	---	172.59	171.29	175.39
7	200.8	24	---	193.39	193.59	194.19
8	236.1	18	DRY	DRY	DRY	DRY
9	212.6	30	199.88	200.48	200.48	200.88
9A	212.6	33	194.71	200.51	200.56	200.51
10	197.6	33	184.08	184.68	184.58	184.58
11	169.3	20	164.10	166.20	166.40	167.35
12	180.4	20	176.81	177.61	177.61	178.11
13	189.1	20	184.06	185.74	185.94	186.34
13A	188.9	30	183.46	183.76	181.35	183.86
14	238.7	45	201.66	202.16	201.81	202.94
RFW-1	227.2	---	---	223.82	223.72	---
RFW-2	227.8	65	----DESTROYED----------			
RFW-3	173.5	20	---	171.83	172.03	171.83
RFW-4	174.4	20	---	165.92	166.67	170.12
RFW-7	171.3	25	---	166.30	166.30	168.90
RFW-8	189.8	19	---	DRY	DRY	DRY
U01	---	---	---	---	---	---
D01	181.8	---	---	---	181.60	181.70
D02	---	---	---	---	---	---
B-20	214.3	30	---	---	---	---
B-21	189.2	24	---	182.64	182.94	183.14
B-22	194.7	40	---	181.72	182.02	181.92
B-23	191.7	30	---	177.05	183.05	183.05
B-24	192.5	35	---	186.15	186.20	186.35

NOTES:

1. "RFW" notations refer to groundwater wells installed by Weston Environmental Consultants for NYSDEC during previous engineering investigations.

2. "U" and "D" notations refer to wells installed by Dunn Geoscience Corp. for NYSDEC during previous engineering investigations.

3. "B" notations refer to groundwater wells installed by Wehran Engineering, P.C., for NYSDEC during previous engineering investigations.

4. "---" notations refer to data not ascertained.

TABLE 2

LABORATORY ANALYSIS OF GROUNDWATER SAMPLES

Monitoring Well No.	Geologic Column	pH	Conductivity (umhos/cm)	PCB (PPB)	Benzene (PPM)	Toluene (PPM)	Xylene (PPM)	Chromium (PPM)	Lead (PPM)	Nickel (PPM)	Copper (PPM)	Zinc (PPM)	TOC (PPM)	BOD_5 (PPM)	COD (PPM)	Chlorides (PPM)
1	clay - silt	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
		7.7	240.	<0.01	<0.001	<0.001	<0.001	<0.01	<0.01	<0.01	0.01	0.28	16.	---	---	< 1.
2	sand	8.4	900.	<0.01	<0.001	<0.001	<0.001	<0.01	<0.01	<0.01	0.01	0.02	20.	50.	190.	36.
		8.3	950.	<0.01	<0.001	<0.001	0.001	<0.01	<0.01	<0.01	<0.01	0.14	< 1.	11.	91.	27.
2A	clay - silt	7.9	550.	<0.01	<0.001	<0.001	<0.001	<0.01	<0.01	<0.01	<0.01	<0.01	70.	---	---	18.
		7.1	600.	<0.01	<0.001	<0.001	<0.001	<0.01	<0.01	<0.01	<0.01	0.05	80.	---	---	12.
3	clay - silt	7.9	900.	<0.01	<0.001	<0.001	<0.001	<0.01	<0.01	<0.01	<0.01	<0.01	< 1.	---	---	60.
		7.1	1000.	<0.01	<0.001	0.001	<0.001	<0.01	<0.01	<0.01	<0.01	0.07	30.	---	---	51.
4	clay - silt	8.3	410.	<0.01	<0.001	<0.001	<0.001	<0.01	<0.01	<0.01	<0.01	<0.01	50.	90.	110.	25.
		7.0	500.	<0.01	<0.001	<0.001	<0.001	<0.01	<0.01	<0.01	<0.01	0.07	< 1.	< 1.	82.	39.
5	clay - silt	8.0	300.	<0.01	<0.001	0.007	<0.001	<0.01	<0.01	<0.01	<0.01	0.01	12.	---	---	6.
		7.2	360.	<0.01	<0.001	<0.001	0.005	<0.01	<0.01	<0.01	<0.01	0.04	< 1.	---	---	2.
6	sand	6.9	1300.	<0.01	<0.001	<0.001	<0.001	0.01	<0.01	<0.01	<0.01	<0.01	30.	4.	157.	65.
		6.7	1350.	<0.01	0.005	0.002	<0.001	<0.01	<0.01	<0.01	<0.01	<0.01	< 1.	1.	60.	71.
6A	clay - silt	7.6	210.	<0.01	<0.001	0.013	<0.001	<0.01	<0.01	<0.01	0.01	0.02	690.	---	---	14.
		8.2	185.	<0.01	<0.001	<0.001	<0.001	0.01	<0.01	<0.01	0.02	0.12	120.	---	---	4.
7	sand	6.8	320.	<0.01	0.007	2.1	0.15	<0.01	<0.01	<0.01	<0.01	0.01	41.	---	---	8.
		6.6	325.	<0.01	0.004	0.740	0.04	<0.01	<0.01	<0.01	<0.01	0.06	15.	---	---	6.
9	sand	7.1	700.	<0.01	<0.001	<0.001	<0.001	<0.01	<0.01	<0.01	0.01	0.02	< 1.	---	---	45.
		6.5	850.	<0.01	<0.001	<0.001	<0.001	<0.01	<0.01	<0.01	<0.01	0.06	60.	---	---	41.
9A	clay - silt	8.7	1400.	<0.01	<0.001	<0.001	<0.001	<0.01	<0.01	<0.01	<0.01	0.04	35.	---	---	39.
		6.4	270.	<0.01	<0.001	<0.001	<0.001	<0.01	<0.01	<0.01	<0.01	0.07	2.	---	---	47.
10	sand	7.1	700.	<0.01	0.005	<0.001	<0.001	<0.01	<0.01	<0.01	0.01	0.01	40.	---	---	81.
		6.5	700.	<0.01	0.003	0.002	<0.001	<0.01	<0.01	<0.01	<0.01	0.11	80.	---	---	75.
11	clay - silt	7.4	395.	<0.01	<0.001	<0.001	<0.001	<0.01	<0.01	<0.01	<0.01	<0.01	22.	---	---	14.
		7.4	480.	<0.01	<0.001	<0.001	<0.001	<0.01	<0.01	<0.01	<0.01	0.05	3.	---	---	10.
12	sand	6.7	2000.	<0.01	<0.001	<0.001	<0.001	<0.01	<0.01	0.04	0.01	0.03	100.	10.	305.	260.
		6.8	1700.	<0.01	0.002	<0.001	<0.001	<0.01	<0.01	<0.01	<0.01	0.10	60.	17.	197.	200.
13	sand	6.9	1000.	<0.01	0.006	<0.001	<0.001	<0.01	<0.01	<0.01	0.01	0.01	< 1.	4.	62.	122.
		6.6	1000.	<0.01	0.008	<0.001	<0.001	<0.01	<0.01	<0.01	<0.01	0.14	30.	20.	47.	122.
13A	clay - silt	7.3	450.	<0.01	<0.001	<0.001	<0.001	<0.01	<0.01	<0.01	0.01	<0.01	31.	---	---	76.
		7.4	600.	<0.01	<0.001	<0.001	<0.001	<0.01	<0.01	<0.01	<0.01	0.09	11.	---	---	80.
14	sand	7.4	1600.	<0.01	0.068	0.92	0.05	<0.01	<0.01	0.13	0.01	0.04	770.	1250.	2290.	83.
		6.4	1720.	<0.01	0.170	0.510	0.130	<0.01	<0.01	0.07	<0.01	0.21	95.	1700.	2800.	104.
GW STANDARDS		6.5-8.5	---	0.1	ND	---	---	0.05	0.025	---	1.0	5.0	---	---	---	250.

NOTES:
1. These results contain data from two rounds of sampling by O'Brien & Gere Engineers. The unshaded data for each well sample is from the first round (9/30-10/2/81), and the shaded data for each well sample is from the second round (11/3-11/6/81).
2. ND - Not Detectable.
3. "---" - Not Ascertained
4. Results from a third round of samples collected during 1/18-1/20/82 from monitoring wells No. 2, 5, 6, and 7 for select parameters appears in Table 2A.
5. All groundwater samples were filtered prior to PCB analysis.
6. GW Standards - New York State Groundwater Classifications Quality Standards and Effluent Standards and/or Limitations.

TABLE 2A

LABORATORY ANALYSIS OF GROUNDWATER SAMPLES

COLLECTED JANUARY 18-20, 1982

Monitoring Well Number	Phenol (PPM)	PCB (PPB)	Benzene (PPB)	Toluene (PPB)	Xylene (PPB)	Trichloroethylene (PPB)
2	< 0.001	< 0.01	< 1.0	2.0	< 1.0	< 1.0
5	< 0.001	< 0.01	< 1.0	< 1.0	< 1.0	< 1.0
6	0.007	< 0.01	< 1.0	1.0	< 1.0	8.0
7	0.069	< 0.01	3.0	110.	23.	< 1.0
N.Y.S.G.W. Standards	0.001	0.1	ND			10.

NOTES:

1. These samples were obtained from an additional groundwater sampling effort from January 18, 1982 to January 20, 1982 by O'Brien & Gere Engineers.
2. PCB Aroclors include 1016/1242, 1254, and 1260
3. All groundwater samples were filtered prior to PCB analysis.
4. Samples were also analyzed for the following parameters, which were not detected or quantified at the appropriate detection limit:

Chlorobenzene	1.0 PPB
Methyl Ethyl Ketone	0.1 PPM
Methyl Iso Butyl Ketone	0.1 PPM
Acetone	0.1 PPM
Methanol	0.1 PPM
Ethanol	0.1 PPM
Iso Propyl Alcohol	0.1 PPM
Formaldehyde	0.1 PPM

5. NYS G.W. Standards - New York State Groundwater Classifications Quality Standards and Effluent Standards and/or limitations
6. ND - Not Detectable.

TABLE 3

LABORATORY ANALYSIS OF SURFACE WATER SAMPLES

Sampling Identification	pH	Conductivity (umhos/cm)	Benzene (PPM)	Toluene (PPM)	Xylene (PPM)	PCBs (PPB)	Chromium (PPM)	Lead (PPM)	Nickel (PPM)	Copper (PPM)	Zinc (PPM)	Chloride (PPM)	Total Organic Carbon (PPM)
1 (Peak Flow)	6.8	320.	<0.005	<0.005	<0.005	<0.01	<0.01	<0.01	<0.01	<0.01	0.07	60.	32.
1 (Base Flow)	6.3	400.	<0.005	<0.005	<0.005	<0.01	<0.01	<0.01	<0.01	<0.01	0.02	54.	24.
2 (Peak Flow)	7.7	275.	<0.005	<0.005	<0.005	<0.01	<0.01	<0.01	<0.01	<0.01	0.02	117.	58.
2 (Base Flow)	7.0	700.	<0.005	<0.005	<0.005	<0.01	<0.01	<0.01	<0.01	<0.01	0.01	99.	61.
3 (Peak Flow)	7.4	600.	<0.005	<0.005	<0.005	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	82.	25.
3 (Base Flow)	7.2	330.	<0.005	<0.005	<0.005	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	56.	25.
4 (Peak Flow)	7.5	60.	<0.005	<0.005	<0.005	<0.01	<0.01	<0.01	<0.01	<0.01	0.04	8.	7.
4 (Base Flow)	6.7	45.	<0.005	<0.005	<0.005	<0.01	<0.01	<0.01	<0.01	<0.01	0.07	6.	4.
5 (Peak Flow)	8.2	60.	<0.005	<0.005	<0.005	<0.01	<0.01	<0.01	<0.01	<0.01	0.01	7.	7.
5 (Base Flow)	7.6	55.	<0.005	<0.005	<0.005	<0.01	<0.01	<0.01	<0.01	<0.01	0.05	6.	6.
6 (Peak Flow)	7.4	160.	<0.005	<0.005	<0.005	<0.01	<0.01	<0.01	<0.01	<0.01	0.02	8.	22.
6 (Base Flow)	6.7	390.	<0.005	<0.005	<0.005	<0.01	0.03	<0.01	0.09	0.03	0.14	37.	76.
7 (Peak Flow)	7.4	820.	<0.005	<0.005	<0.005	<0.01	<0.01	<0.01	0.09	<0.01	0.03	160.	27.
7 (Base Flow)	6.8	1100.	<0.005	<0.005	<0.005	<0.01	<0.01	<0.01	0.09	<0.01	0.04	197.	53.

NOTES:

1. Peak flow samples were obtained on 9/22/81 and base flow samples were obtained on 9/29/81 by O'Brien & Gere Engineers.
2. PCB Aroclors include 1016/1242, 1254, 1260
3. Surface water samples were not filtered prior to analysis.

TABLE 4

LABORATORY ANALYSIS OF LEACHATE SAMPLES

Chemical Parameter	Leachate 1 (Kingsbury)		Leachate 2 (Kingsbury)		Leachate 3 (Kingsbury)		Leachate 4 (Fort Edward)		Leachate 5 (Fort Edward)	
BOD_5	20.	PPM	30.	PPM	---		---		---	
COD	220.	PPM	6580.	PPM	---		---		---	
TOC	40.	PPM	90.	PPM	---		---		---	
TDS	320.	PPM	580.	PPM	---		---		---	
Oil & Grease	8.	PPM	27.	PPM	---		---		---	
Turbidity	31.	Units	1.5	Units	---		---		---	
Color	5.	Units	80.	Units	---		---		---	
Odor	2.	Units	2.	Units	---		---		---	
Arsenic	<0.01	PPM	0.06	PPM	---		---		---	
Nickel	<0.01	PPM	0.08	PPM	---		---		---	
Zinc	<0.01	PPM	0.10	PPM	---		---		---	
Iron	38.2	PPM	128.	PPM	---		---		---	
Benzene	<0.01	PPM	< 0.01	PPM	5.0	PPB	<1.0	PPB	<1.0	PPB
Toluene	<0.01	PPM	< 0.01	PPM	<1.0	PPB	<1.0	PPB	<1.0	PPB
Trichloroethylene	<0.01	PPM	< 0.01	PPM	<1.0	PPB	<1.0	PPB	<1.0	PPB
Chlorobenzene	<0.01	PPM	< 0.01	PPM	102.0	PPB	<1.0	PPB	<1.0	PPB
PCBs	<0.01	PPB	< 0.01	PPB	12.	PPB	55.8	PPB	7.7	PPB
Formaldehyde	---		---		0.13	PPM	< 0.1	PPM	< 0.1	PPM

NOTES:

1. Leachate samples 1 and 2 were obtained on 10/22/81 by O'Brien & Gere Engineers and analyzed for the EPA Priority Pollutants in addition to those parameters indicated above. Priority pollutant parameters not listed above were not detected or quantified at the standard analytical detection limits.
2. Leachate samples 3, 4, and 5 were obtained 1/18-20/82 by O'Brien & Gere Engineers.
3. Leachate samples 3, 4, and 5 were analyzed for the following parameters and were not detected or quantified at the noted standard analytical detection limit.

Phenols	0.001 PPM
Methyl Ethyl Ketone	0.1 PPM
Methyl Iso Butyl Ketone	0.1 PPM
Acetone	0.1 PPM
Methanol	0.1 PPM
Ethanol	0.1 PPM
Iso Propyl Alcohol	0.1 PPM
Xylene	1.0 PPB

4. "---" Not Analyzed
5. Leachate samples were not filtered prior to analysis.

TABLE I-1

PREVIOUS GROUNDWATER ANALYSIS BY OTHERS (PCBs)

Location of Monitoring Well	Monitoring Well Sampled	Samples Collected By/Sampling Date	PCB (ppb)
Kingsbury	B-23	WEH/December, 1979	56.0
		WEH/April, 1980	< 0.05
		NYSDEC/August, 1980	< 0.05
		NYSDEC/December, 1980	0.53
		* NYSDEC/March, 1981	3.76
		NYSDEC/October, 1981	0.13
Kingsbury	B-24	WEH/December, 1979	3.3
		WEH/April, 1980	2.3
		NYSDEC/August, 1980	0.16
		NYSDEC/December, 1980	< 0.50
		* NYSDEC/March, 1981	3.23
		NYSDEC/October, 1981	0.98
Kingsbury	RFW-1	WES/December, 1977	4.7
		WEH/December, 1979	37.0
		NYSDEC/April, 1980	4.2
		NYSDEC/August, 1980	190.0
		* NYSDEC/March, 1981	9.7
		NYSDEC/July, 1981	3.8
		NYSDEC/October, 1981	2.0
Kingsbury	RFW-2	NYSDEC/December, 1977	482.0
		NYSDEC/January, 1978	290.0
		WEH/December, 1979	24,000.0
Kingsbury	RFW-3	WES/December, 1977	1.6
		WEH/December, 1979	2.2
		WEH/April, 1980	0.17
		NYSDEC/August, 1980	< 0.05
		NYSDEC/December, 1980	< 0.05
		* NYSDEC/March, 1981	0.22
		NYSDEC/October, 1981	0.25
Kingsbury	RFW-4	WES/December, 1977	2.8
		WES/January, 1978	3.5
		WEH/December, 1979	4.87
		NYSDEC/December, 1980	0.37
		* NYSDEC/March, 1981	0.64
		NYSDEC/October, 1981	0.37
Fort Edward	B-20	WEH/December, 1979	< 0.05
		WEH/April, 1980	< 0.05
		NYSDEC/August, 1980	< 0.05
		NYSDEC/October, 1981	0.15

TABLE I-1
PREVIOUS GROUNDWATER ANALYSIS BY OTHERS (PCBs)
(Continued)

Location of Monitoring Well	Monitoring Well Sampled	Samples Collected By/Sampling Date	PCB (ppb)
Fort Edward	B-21	WEH/December, 1979	0.21
		WEH/April, 1980	< 0.05
		NYSDEC/August, 1980	< 0.05
		NYSDEC/December, 1980	0.59
		* NYSDEC/March, 1981	4.75
		NYSDEC/July, 1981	0.24
Fort Edward	B-22	WEH/December, 1979	45.0
		WEH/April, 1980	0.05
		NYSDEC/August, 1980	20.0
		NYSDEC/December, 1980	5.1
		* NYSDEC/March, 1981	36.0
		NYSDEC/July, 1981	0.24
		NYSDEC/October, 1981	0.41
Fort Edward	RFW-5	WES/December, 1977	1.8
Fort Edward	RFW-6	WES/December, 1977	234.0
Fort Edward	RFW-7	WES/December, 1977	31.8
		WEH/December, 1979	0.34
		WEH/April, 1980	0.15
		NYSDEC/August, 1980	< 0.05
		* NYSDEC/March, 1981	14.41
Fort Edward	RFW-8	WES/December, 1977	2.6
		WEH/December, 1980	1.48
		WEH/April, 1980	< 0.05
Fort Edward	U01	DUNN/July, 1980	< 0.05
Fort Edward	D01	DUNN/July, 1980	< 0.05
Fort Edward	D02	DUNN/July, 1980	< 0.05

NOTES:
1. This table was developed from results obtained by Weston Environmental Consultants (WES), Wehran Engineers, P.C., (WEH), New York State Department of Environmental Conservation (NYSDEC), and Dunn Geoscience Corp. (DUNN) during previous engineering studies.
2. "B" notations refer to groundwater wells installed by Wehran Engineers, P.C., for NYSDEC during previous engineering studies.
3. "RFW" notations refer to groundwater wells installed by Weston Environmental Consultants for NYSDEC during previous engineering investigations.
4. Samples collected by NYSDEC, Weston, Wehran, and Dunn Geoscience were analyzed unfiltered unless denoted by an * indicating that the same was filtered prior to analysis.

TABLE I-2

PREVIOUS GROUNDWATER ANALYSES BY OTHERS (SELECT METALS)

Location of Monitoring Well	Monitoring Well Sampled	Sampled By/ Sampling Date	As (ppm)	Be (ppm)	Ag (ppm)	Cd (ppm)	Cr (ppm)	Cu (ppm)	Pb (ppm)	Hg (ppm)	Se (ppm)	Zn (ppm)	Ba (ppm)
Kingsbury	B-23	NYSDEC/March, 1981	3.	---	---	0.005	0.004	0.003	0.03	3.	3.	0.061	0.13
Kingsbury	B-24	NYSDEC/March, 1981	3.	---	---	0.005	0.005	0.012	0.02	3.	3.	0.051	0.1
Kingsbury	RFW-1	NYSDEC/March, 1981	3.	---	---	0.005	0.021	0.014	0.02	3.	3.	0.079	0.1
Kingsbury	RFW-2	NYSDEC/January,1978	0.04	0.02	0.02	0.02	0.10	0.18	0.20	0.0004	0.01	1.0	0.5
Kingsbury	RFW-3	NYSDEC/March, 1981	0.004	---	---	0.005	0.005	0.003	0.02	3.	3.	0.037	0.1
Ft. Edward	U01	DUNN/July, 1980	---	---	---	0.01	0.01	0.01	0.02	0.0015	0.006	0.03	---
Ft. Edward	D01	DUNN/July, 1980	---	---	---	0.01	0.01	0.01	0.02	0.001	0.006	0.03	---
Ft. Edward	D02	DUNN/July, 1980	---	---	---	0.01	0.01	0.01	0.02	0.001	0.006	0.05	---
NYSGW Standards			0.025	---	0.05	0.01	0.05	1.0	0.025	0.002	0.02	5.	1.0

NOTES:

1. This table was generated from results obtained by NYSDEC and Dunn Geoscience Corp. (DUNN) during previous engineering studies. It presents analyses of select priority pollutant metals and barium (Ba).
2. Samples collected by NYSDEC were filtered prior to analysis; those collected by Dunn Geoscience Corp. were not filtered.
3. "B" notations refer to groundwater wells installed by Wehran Engineers, P.C. for NYSDEC during previous engineering investigations.
4. "RFW" notations refer to groundwater wells installed by Weston Environmental Consultants for NYSDEC during previous engineering investigations.
5. "---" means samples not analyzed for the specific parameter.
6. NYSGW Standards - New York State Groundwater Classification Quality Standards and Effluent Standards and/or Limitations

TABLE I -3

PREVIOUS LEACHATE AND SURFACE WATER ANALYSIS BY OTHERS (PCBs)

Site	Sample Location	Sample Type	Description of Sample Location	Sampled By	Sampling Date	PCB Concentration (ppb)
KINGSBURY	013	Surface Water	Outflow of drainage area northerly of Feedertow Rd.	NYSDEC	November, 1975	< 0.25
	053	Surface Water	Diversion ditch at tow of slope 75 ft. southerly of landfill	NYSDEC	November, 1975	25.25
	054	Surface Water	Outlet of diversion ditch into swale area 750 ft. southerly from landfill	NYSDEC	November, 1975	31.25
	055	Surface Water	Southerly most drainage ditch at West end outlet	NYSDEC	November, 1975	25.25
KINGSBURY	L-239*	Leachate	Southerly flow from sand pit N.W. of landfill	WESTON	September, 1977	0.30
	L-265	Leachate	Seep at N.E. corner of landfill	WESTON	September, 1977	15.6
	L-267	Leachate	Stream East of landfill flowing into pond	WESTON	September, 1977	3.1
	L-238	Surface Water	Stagnant pool in sand pit N.W. of landfill	WESTON	September, 1977	2.1
	L-273*	Surface Water	Feedertow Canal - culvert located upgradient	WESTON	September, 1977	2.6
	L-274*	Surface Water	Feedertow Canal - downgradient	WESTON	September, 1977	1.5
KINGSBURY	WS-4	Surface Water	S.E. of landfill	WEHRAN	March, 1980	1.43
	WS-5	Surface Water	South end of swamp area East of landfill	WEHRAN	March, 1980	0.27
	WS-6B	Surface Water	North end of swamp area East of landfill	WEHRAN	March, 1980	<0.05
FORT EDWARD	L-233*	Leachate	Stream South of landfill	WESTON	September, 1977	0.60
	L-234	Leachate	Seep on S.E. side of landfill	WESTON	September, 1977	190.0
FORT EDWARD	WS-7	Surface Water	Above Burgoyne Avenue at Feedertow Canal	WEHRAN	March, 1980	0.36
	WS-8	Surface Water	S.E. toe of Kingsbury Landfill near Feedertow Canal	WEHRAN	March, 1980	0.70
	WS-9	Surface Water	Stream N.E. of landfill flowing into Feedertow Canal	WEHRAN	March, 1980	1.10
	WS-11	Surface Water	Junction of Feedertow and Old Champlain Canal	WEHRAN	March, 1980	0.27
	WS-12	Surface Water	S.E. of landfill	WEHRAN	March, 1980	0.08

NOTES:

1. "L" notation designates samples obtained by Weston Environmental Consultants for NYSDEC during previous engineering investigations.
2. "WS" notation designates surface water obtained by Wehran Engineering, P.C., for NYSDEC during previous engineering studies.
3. Appropriate locations of "L" and "WS" sampling designations are shown on the Location Map, Previous Sampling Locations by Others, included in this Appendix.
4. "*" indicates that the sample location does not appear on the location map entitled Previous Sampling Locations by Others found in this Appendix.
5. "---" indicates information not available for that particular parameter.

TABLE I-4

PREVIOUS LEACHATE ANALYSIS BY OTHERS

(FOR SELECT PARAMETERS AT THE KINGSBURY LANDFILL)

Parameter	Concentration	
Total Organic Carbon	49	ppm
True Color	20	platinum-cobalt units
Odor	13	threshold odor number
Sulfate	9.8	ppm
Total Filterable Residue (180°C)	80	ppm
pH	7.0	std. units
Conductance (at 25°C)	1,580	umhos/cm
Total Arsenic	5.5	ppb
Total Barium	0.12	ppm
Total Cadmium	< 0.005	ppm
Total Chromium	0.007	ppm
Total Lead	< 0.02	ppm
Total Mercury	< 3.	ppb
Total Selenium	< 3.	ppb
Total Silver	< 0.003	ppm
Total Iron	46.	ppm
Total Manganese	2.7	ppm
Total Copper	0.008	ppm
Total Zinc	0.011	ppm
Endrin	< 0.03	ppb
Lindane	< 0.02	ppb
Methoxychlor	< 0.2	ppb
Toxaphene	< 0.5	ppb
2,4-D	< 0.2	ppb
2,4,5-TP (Silvex)	0.1	ppb

NOTES:

1. Sample collected by NYSDEC on March 2, 1981 as a grab sample. Location of sample identified as "contaminated water flowing to pond, NE portion of the site".

2. Sample location does not appear on the location map entitled Previous Sampling Locations by Others found in this Appendix due to poor description of sample location.

3. Field parameters of leachate sample indicate the following:

pH	6.0
Temperature	6.7°C
Conductivity	1740 umhos/cm

TABLE I-5

PREVIOUS SOILS ANALYSIS BY OTHERS (PCBs)

Site	Sample Location	Sampled By	Sampling Date	Sample Depth (Ft. Below Grade)	Type of Soil Sampled	PCB Concentration (PPM)
Kingsbury	053	NYSDEC	November, 1975	---	Sediment	7.01
	054	NYSDEC	November, 1975	---	Sediment	1.1
	Test Pit 23	WESTON	September, 1977	---	---	28.0
	Test Pit 24	WESTON	September, 1977	10.	---	4.6
	Test Pit 26	WESTON	September, 1977	---	Sand	40.0
	RFW-2	WESTON	December, 1977	40. - 41.5	Sand	21.11
	RFW-2	WESTON	December, 1977	45. - 46.5	Sand	36.73
	RFW-2	WESTON	December, 1977	50. - 51.5	Sand	263.6
	RFW-2	WESTON	December, 1977	55. - 56.6	Sand	275.3
	RFW-4	WESTON	December, 1977	20.	Clay	0.20
	B-23	WEHRAN	November, 1979	2. - 4.	Sand	1.852
	B-23	WEHRAN	November, 1979	14. - 16.	Sand/Clay	0.273
	B-23	WEHRAN	November, 1979	28. - 30.	Sand/Clay	0.073
	B-24	WEHRAN	November, 1979	2. - 4.	Sand	< 0.01
	B-24	WEHRAN	November, 1979	12. - 14.	Sand/Clay	< 0.05
	PA-41	WEHRAN	November, 1979	1. - 1.5	Sand/Silt	1.495
	PA-41	WEHRAN	November, 1979	3. - 3.5	Silt	5.99
	PA-42	WEHRAN	November, 1979	1. - 1.5	Sand	1.017
	PA-42	WEHRAN	November, 1979	3. - 3.5	Sand	14,760.0
Fort Edward	Test Pit 14	WESTON	September, 1977	6.	Sand	8.6
	Test Pit 17	WESTON	September, 1977	4.5	Clay	7.1
	Test Pit 20	WESTON	September, 1977	6.	---	2.6
	RFW-6	WESTON	December, 1977	21.5- 24.	Sand	2.06
	RFW-6	WESTON	December, 1977	30. - 31.	Sand	---
	RFW-6	WESTON	December, 1977	31. - 32.	Clay	214.4
	B-20	WEHRAN	November, 1979	0 - 2.	Sand	< 0.01
	B-20	WEHRAN	November, 1979	2. - 4.	Sand	< 0.05
	B-20	WEHRAN	November, 1979	12. - 14.	Sand/Clay	< 0.05
	B-21	WEHRAN	November, 1979	0 - 2.	Sand	< 0.05
	B-21	WEHRAN	November, 1979	2. - 4.	Sand	1.86
	B-21	WEHRAN	November, 1979	10. - 12.	Clay	< 0.05
	B-22	WEHRAN	November, 1979	0 - 2.	Sand	< 0.05
	B-22	WEHRAN	November, 1979	2. - 4.	Sand	7.45
	B-22	WEHRAN	November, 1979	4. - 6.	Sand	< 0.05
	B-22	WEHRAN	November, 1979	6. - 6.9	Sand	0.553
	B-22	WEHRAN	November, 1979	18. - 22.	Sand/Clay	170.9
	B-22	WEHRAN	November, 1979	38. - 40.	Clay	0.401
	PA-12	WEHRAN	November, 1979	3. - 3.5	Clay/Silt	< 0.01
	PA-13	WEHRAN	November, 1979	1. - 1.5	Sand/Silt	0.359
	PA-14	WEHRAN	November, 1979	1.3- 1.8	Silt/Sand	0.061

NOTES:

1. "Test Pits" refer to excavations performed by Weston Environmental Consultants for NYSDEC during previous engineering investigations.
2. "RFW" notations refer to monitoring well borings installed by Weston Environmental Consultants for NYSDEC during previous engineering investigations.
3. "B" notations refer to monitoring well borings installed by Wehran Engineering, P.C. for NYSDEC during previous engineering investigations.
4. "PA" notations refer to power auger borings performed by Wehran Engineering, P.C. for NYSDEC during previous engineering investigations.
5. "---" indicates information not available for that particular parameter.
6. Approximate locations of "Test Pits", "B", "RFW" and power auger (PA) borings are shown on the Location Map entitled Previous Sampling Locations by Others, found in this Appendix.

TABLE 5-3

FORT EDWARD LANDFILL

SUMMARY OF ANALYTES DETECTED IN SHALLOW WATER TABLE AQUIFER WELLS

Sample ID				MW-2	MW-3	MW-4	MW-5	MW-6
Date Sampled				05/11/95	05/11/95	05/11/95	05/15/95	05/15/95
Parameter	Class	SCG	Units					
Vinyl Chloride	VOA	2	UG/L				5000 *	7 *
Chloroethane	VOA	5	UG/L	4				
Methylene Chloride	VOA	5	UG/L					
Acetone	VOA	50	UG/L	3				9
1,1-Dichloroethane	VOA	5	UG/L	1				
Bromodichloromethane	VOA	50	UG/L					
2-Butanone	VOA	50	UG/L					
1,2-Dichloroethene (total)	VOA	5	UG/L	1			3400 *	
Chloroform	VOA	7	UG/L					
Benzene	VOA	0.7	UG/L	1 *				13 *
4-Methyl-2-Pentanone	VOA	50	UG/L					
Xylene (total)	VOA	5	UG/L				140 *	68 *
Toluene	VOA	5	UG/L				54 *	3
Chlorobenzene	VOA	5	UG/L					24 *
Ethylbenzene	VOA	5	UG/L				47 *	
4-Methylphenol	SVOA	1	UG/L					
1,4-Dichlorobenzene	SVOA	4.7	UG/L					5 *
Phenol	SVOA	1	UG/L					
2-Methylphenol	SVOA	1	UG/L					
2,4-Dimethylphenol	SVOA	1	UG/L					
Naphthalene	SVOA	10	UG/L					
4-Chloro-3-methylphenol	SVOA	1	UG/L					
2-Methylnaphthalene	SVOA	50	UG/L					
Diethylphthalate	SVOA	50	UG/L	0.7			0.5	
Pentachlorophenol	SVOA	1	UG/L					
Di-n-butylphthalate	SVOA	50	UG/L					
Butylbenzylphthalate	SVOA	50	UG/L					
alpha-BHC	PPCB	ND	UG/L					
Heptachlor epoxide	PPCB	ND	UG/L					0.0593 *
Total Organics				10.70	0.00	0.00	8,641.50	129.06
Aluminum	METAL	2000	UG/L	565	2800 *	1940	6000 *	2020 *
Arsenic	METAL	25	UG/L				13.2	18.5
Barium	METAL	1000	UG/L	61.3	141	238	262	368
Beryllium	METAL	3	UG/L	0.09	0.10	0.07	0.20	0.06
Cadmium	METAL	10	UG/L		0.74			
Calcium	METAL	--	UG/L	194000	60200	107000	150000	103000
Chromium	METAL	50	UG/L	1.8	5.1	1.5	9.0	5.1
Cobalt	METAL	--	UG/L	15.4	2.0		25.3	26.4
Silver	METAL	50	UG/L	1.8				
Potassium	METAL	--	UG/L	4420	5120	3060	6850	66300
Nickel	METAL	100	UG/L	11.8	4.6	2.3	20.6	33.1

Only detected results are reported.
For SCG values see Tables 4-1 and 4-2
"--" - Not Available
"ND" - Non-detect
"*" - Exceeds SCG

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TABLE 5-3

FORT EDWARD LANDFILL

SUMMARY OF ANALYTES DETECTED IN SHALLOW WATER TABLE AQUIFER WELLS

Sample ID				MW-2	MW-3	MW-4	MW-5	MW-6
Date Sampled				05/11/95	05/11/95	05/11/95	05/15/95	05/15/95
Parameter	Class	SCG	Units					
Mercury	METAL	2	UG/L					0.06
Manganese	METAL	300	UG/L	1350 *	57.3	104	2850 *	651 *
Magnesium	METAL	35000	UG/L	62300 *	181000 *	153000 *	54900 *	40700 *
Lead	METAL	15	UG/L					2.2
Copper	METAL	200	UG/L	4.7	3.8	2.1	10.4	6.3
Iron	METAL	300	UG/L	1270 *	2230 *	1060 *	82500 *	37400 *
Zinc	METAL	300	UG/L	18.6	13.5	15.1	101	55.1
Vanadium	METAL	--	UG/L	3.9	6.1	3.1	17.8	9.9
Sodium	METAL	20000	UG/L	76100 *	79700 *	44400 *	110000 *	199000 *
Total Metals				340,125	331,285	310,826	413,559	449,595
Total Hardness as CaCO3	MISC	--	MG/L	780	850	890	595	460
Total Dissolved Solids	MISC	--	MG/L	1040	937	906	1040	1340
Total Suspended Solids	MISC	--	MG/L	147	201	873	420	366
Phosphate	MISC	--	MG/L	0.14	0.084	0.51	0.18	0.66
Nitrate-Nitrogen	MISC	10	MG/L			0.01	0.01	0.31
Phenols, Total	MISC	0.001	MG/L				0.010 *	0.010 *
Sulfate	MISC	250	MG/L	11	135	76	11	12
BOD5	MISC	--	MG/L	1.3	0.5	0.8		10
Chloride	MISC	250	MG/L	126	156	130	227	24.8
Bicarbonate Alkalinity	MISC	--	MG/L	825	668	730	575	1050
Chemical Oxygen Demand	MISC	--	MG/L	77	19	55	211	342
Ammonia-Nitrogen	MISC	2	MG/L	0.22	0.05	0.08	2.7 *	106 *
Total Kjeldahl Nitrogen	MISC	--	MG/L	1.2	0.35	0.30	5.1	109
Acidity (microequivalent/L)	MISC	--		3160	540	1560	5380	7280
Oil & Grease	MISC	--	MG/L	5.1	2.1	4.0	2.4	2.7
Total Organic Carbon	MISC	--	MG/L	22.9	3.4	5.2	68.3	109
Sulfide	MISC	0.05	MG/L					0.02
pH	FIELD	--	S.U.	6.98	7.78	7.34	6.70	6.51
Specific Conductivity	FIELD	--	UMHOS	1359			1848	3040
Temperature	FIELD	--	DEG C	10.1	10.3	10.2	12.5	13.6
Turbidity	FIELD	--	NTU	18.6	50.3	315	30.8	23.6

Only detected results are reported.
For SCG values see Tables 4-1 and 4-2
"--" - Not Available
"ND" - Non-detect
"*" - Exceeds SCG

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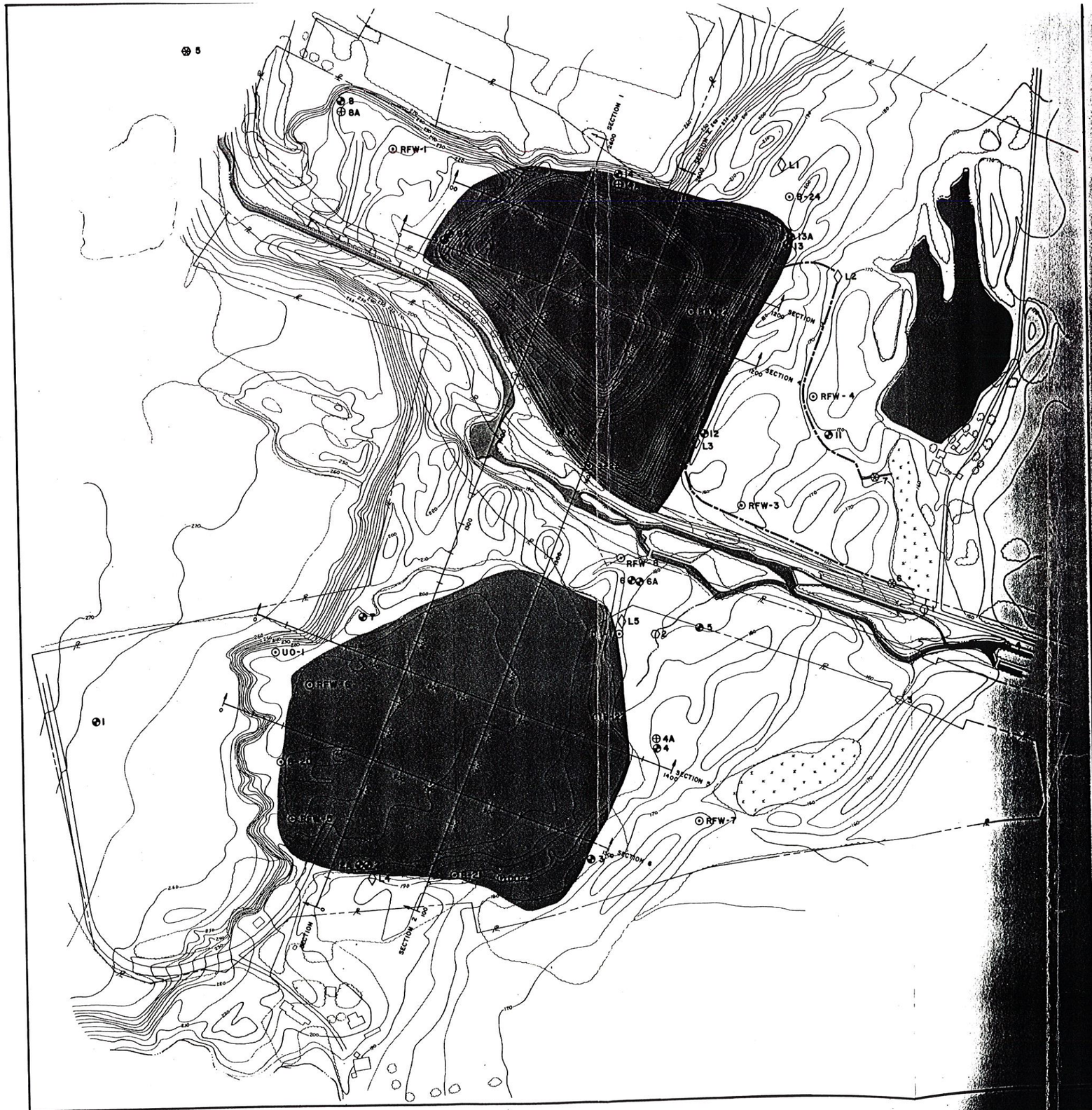
FIGURE 3



LEGEND

- TEST BORING W/GROUNDWATER MONITORING WELL
- PIEZOMETER
- GROUNDWATER MONITORING WELL (INSTALLED BY OTHERS)
- SURFACE WATER FLOW MONITORING STATION
- SURFACE WATER SAMPLING LOCATION
- LEACHATE SAMPLING LOCATION
- CONTOUR LINE
- APPROXIMATE PROPERTY LINE
- DRAINAGE DITCH
- STREAM (OR WATERS EDGE)
- SWAMP
- APPROXIMATE LIMITS OF SITE SURFACE WATER

NOTES:

1. WELL RFW-2, RFW-5, RFW-6 & B-20 WERE DESTROYED PRIOR TO THIS FIELD INVESTIGATION.
2. TOPOGRAPHIC SURVEY COMPLETED IN 1980 BY OTHERS FOR NYSDEC. LOCATION OF WELLS & WEIRS ESTABLISHED AS A PORTION OF THIS FIELD INVESTIGATION.

KINGSBURY - FORT EDWARD

SITE PLAN

SCALE IN FEET

200 0 200

CONESTOGA-ROVERS & ASSOCIATES

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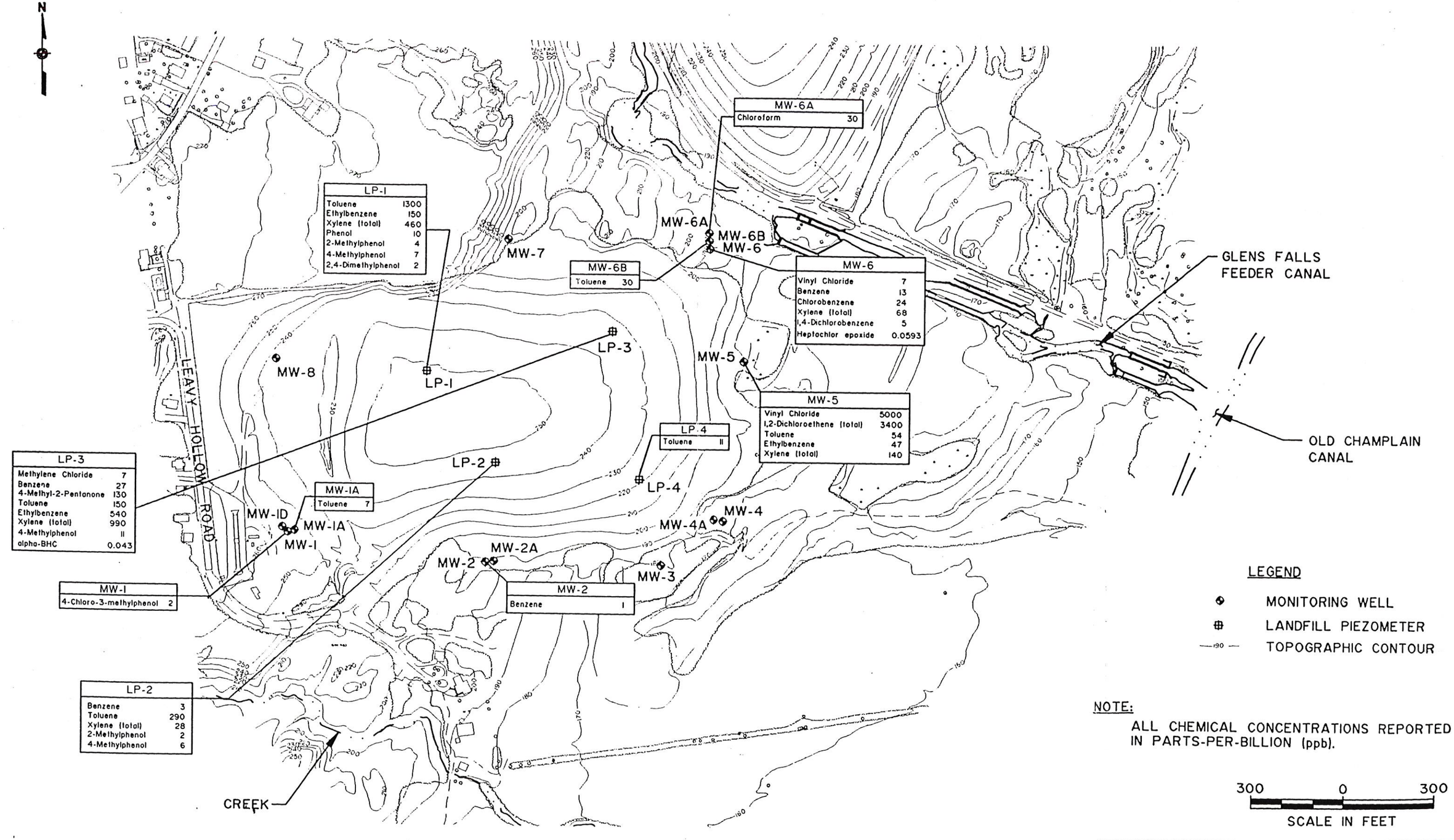

NOTE:

ALL CHEMICAL CONCENTRATIONS REPORTED IN PARTS-PER-BILLION (ppb).

300 0 300

SCALE IN FEET

ORGANIC COMPOUNDS EXCEEDING SCGs FOR GROUNDWATER

URS CONSULTANTS, INC.

FIGURE 5-1

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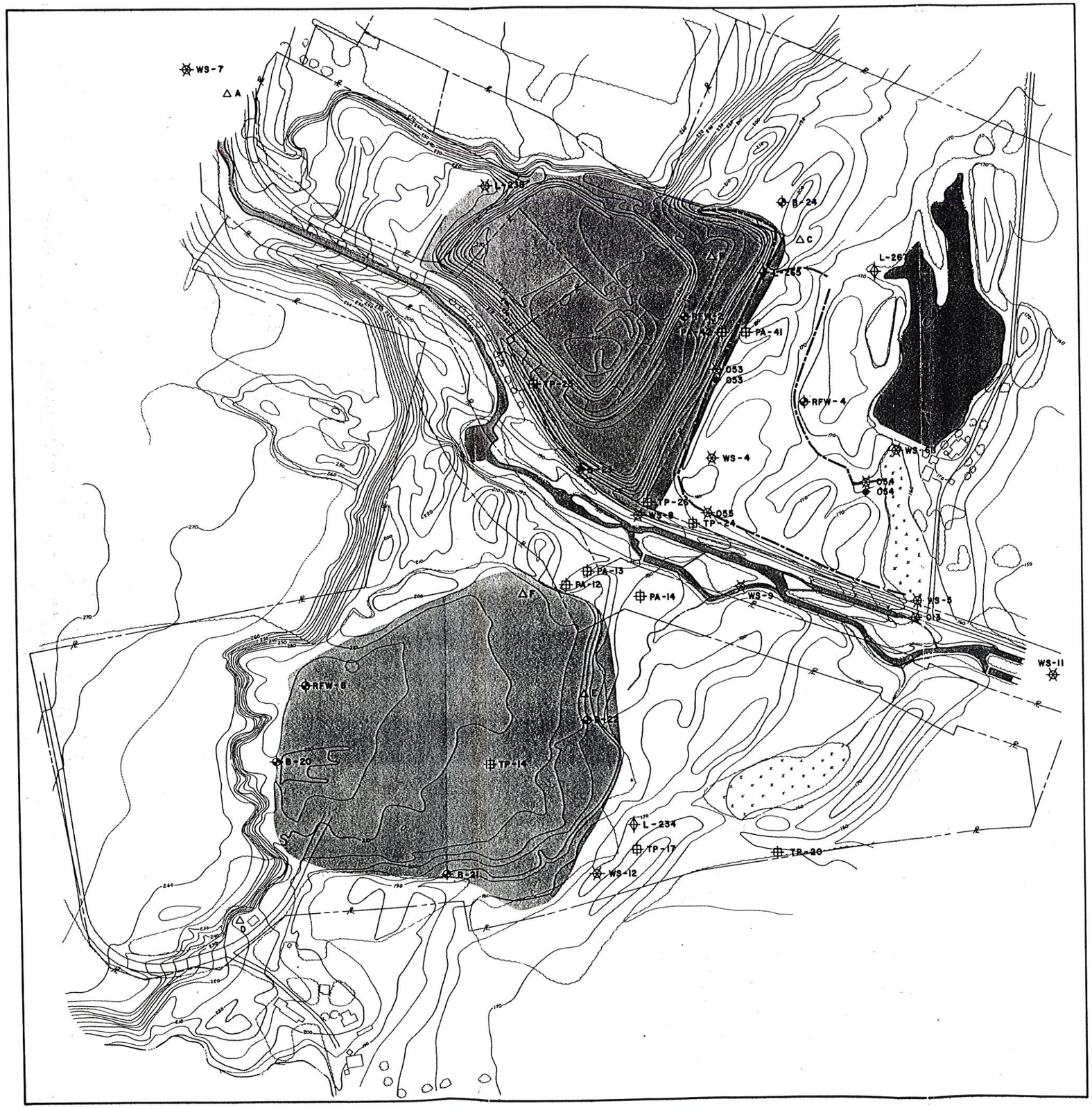
APPENDIX I
FIGURE I-1



LEGEND

- TEST BORING
- TEST PIT OR POWER AUGER
- SURFACE WATER SAMPLING LOCATION
- LEACHATE SAMPLING LOCATION
- SEDIMENT SAMPLE LOCATION
- AIR SAMPLING LOCATION
- CONTOUR LINE
- APPROXIMATE PROPERTY LINE
- DRAINAGE DITCH
- STREAM (OR WATERS EDGE)
- SWAMP
- APPROXIMATE LIMITS OF SITE
- SURFACE WATER

NOTES:

1. SAMPLING LOCATIONS SHOWN ARE APPROXIMATE AND MAY NOT REPRESENT THE EXACT FIELD SAMPLING LOCATION.
2. TERMINOLOGY FOR IDENTIFYING SAMPLE LOCATIONS IS CONSISTENT WITH PREVIOUS REPORTS.
3. FOR GROUNDWATER SAMPLING LOCATIONS SEE FIGURE 3.

KINGSBURY - FORT EDWARD

PREVIOUS SAMPLING LOCATIONS BY OTHERS

SCALE IN FEET

200 0 200

O'BRIEN & GERE