

## REMEDIATION ACTION FINAL REPORT

Former Ingleside Machine Company, Inc.  
Site # V00495-8  
1118 Mertensia Road  
Farmington (T), Ontario (C), New York

RECEIVED  
JAN 22 2004  
DER/HAZ. WASTE REMED  
REGION 8

### Prepared For:

Mr. Mario Carruba  
Ingleside Machine Co., Inc.  
1120 Hook Road  
Farmington, New York 14425

### Prepared By:

SAW Environmental Services Inc.  
81 O'Connor Road  
Fairport, NY 14450  
(585) 377-5545

January 14, 2003

## REMEDIATION ACTION FINAL REPORT

Former Ingleside Machine Co., Inc., Site # V00495-8

### TABLE OF CONTENTS

|            |                                                           |           |
|------------|-----------------------------------------------------------|-----------|
| <b>1.0</b> | <b>INTRODUCTION &amp; PURPOSE .....</b>                   | <b>4</b>  |
| <b>2.0</b> | <b>SITE DESCRIPTION &amp; HISTORY .....</b>               | <b>4</b>  |
| 2.1        | Site Description .....                                    | 4         |
| 2.2        | Site History .....                                        | 4         |
| 2.2.1      | Previous Investigations .....                             | 5         |
| 2.2.2      | Voluntary Cleanup Agreement .....                         | 6         |
| <b>3.0</b> | <b>SITE INVESTIGATION &amp; REMEDIATION .....</b>         | <b>6</b>  |
| 3.1        | Approved Work Plan .....                                  | 6         |
| 3.2        | Cleanup Standards .....                                   | 6         |
| 3.3        | Dry Well Closure .....                                    | 6         |
| 3.3.1      | Waste Stream and Disposal .....                           | 8         |
| 3.4        | Fuel Oil Tank Removal .....                               | 8         |
| 3.4.1      | Waste Stream and Disposal .....                           | 9         |
| 3.5        | Groundwater Investigation .....                           | 9         |
| 3.5.1      | Well Installation .....                                   | 9         |
| 3.5.2      | Groundwater Sampling .....                                | 10        |
| <b>4.0</b> | <b>QUALITY CONTROL .....</b>                              | <b>10</b> |
| 4.1        | ASP Category B Deliverables .....                         | 10        |
| 4.2        | Data Usability Summary Report .....                       | 11        |
| <b>5.0</b> | <b>QUALITATIVE HUMAN HEALTH EXPOSURE ASSESSMENT .....</b> | <b>11</b> |
| 5.1        | Contaminant Source .....                                  | 12        |
| 5.2        | Contaminant Release and Transport Mechanisms .....        | 12        |
| 5.3        | Point of Exposure/Route of Exposure .....                 | 12        |
| 5.4        | Receptor Population .....                                 | 12        |
| <b>6.0</b> | <b>INSTITUTIONAL CONTROLS .....</b>                       | <b>12</b> |
| <b>7.0</b> | <b>OPERATIONS AND MAINTENANCE .....</b>                   | <b>13</b> |
| <b>8.0</b> | <b>VCP REMEDIAL ACTION FINAL REPORT CHECKLIST.....</b>    | <b>13</b> |
| <b>9.0</b> | <b>CONCLUSIONS.....</b>                                   | <b>13</b> |

## REMEDIAL ACTION FINAL REPORT

Former Ingleside Machine Co., Inc., Site # V00495

### TABLE OF CONTENTS (Continued)

#### **APPENDICIES**

##### ***Appendix A – Figures***

- Figure 1. – Site Location Map
- Figure 2. – Tax Map
- Figure 3. – Site Map
- Figure 4. – Dry Well Excavation Map
- Figure 5. – Monitoring Well Diagram – MW1
- Figure 6. – Monitoring Well Diagram – MW2
- Figure 7. – Monitoring Well Diagram – MW3
- Figure 8. – Monitoring Well Diagram – MW4
- Figure 9. – Monitoring Well Location/Elevation Map
- Figure 10. – Groundwater Contour Map, October 7, 2002
- Figure 11. – Groundwater Contour Map, January 8, 2003
- Figure 12. – Groundwater Contour Map, May 6, 2003

##### ***Appendix B – Tables***

- Table 1 – Summary of Soil Analysis from Pipe Joints, January 29, 2002
- Table 2 – Summary of Excavation Soil Samples, February 12, 2002
- Table 3 – Summary of Excavation Soil Samples, January 8, 2003
- Table 4 – Summary of Total Chromium Analysis – Excavation Soils
- Table 5 – Summary of Volatile Organic Analysis, Fuel Oil Tank Excavation, January 29, 2002
- Table 6 – Summary of Metals Analysis of Groundwater
- Table 7 – Low Flow Groundwater Sampling Data, January 8, 2003

##### ***Appendix C – Interim Remedial Work Plan, November 29, 2001 & NYSDEC Approval***

##### ***Appendix D – Laboratory Reports***

##### ***Appendix E – Waste Disposal Documentation***

- Hazardous waste profile and disposal facility approval
- Hazardous waste manifests and transporter logs
- 1,000-gallon fuel oil tank scrap receipt
- Fuel oil tank bottoms waste profile and drum disposal documentation

##### ***Appendix F – Site Photographs***

##### ***Appendix G – Data Usability Summary Reports***

##### ***Appendix H – Town of Farmington Building Code (Relevant excerpts)***

##### ***Appendix I – ASP Category B Deliverables (Not attached to RAFP, See Section 4.1)***

## 1.0 INTRODUCTION & PURPOSE

On behalf of the Ingleside Machine Co., Inc. (Ingleside), Soil Air Water Environmental Services, Inc. (SAW) has prepared this Remediation Action Final Report (RAFR) for the Former Ingleside Machine Co., Inc. site, Site # V00495. A site location map is attached in *Appendix A*.

The purpose of this document is to summarize remedial activities conducted at the site pursuant to the Interim Remedial Measure Work Plan dated November 29, 2001 and approved by the New York State Department of Environmental Conservation (NYSDEC) Department of Environmental Remediation. The site is the subject of a Voluntary Cleanup Agreement with the NYSDEC.

## 2.0 SITE DESCRIPTION & HISTORY

### 2.1 Site Description

The site is located at 1118 Mertensia Road in the Town of Farmington, Ontario County, New York. The Town of Farmington tax identification number for the site is 29.00-1-64.000. The site is comprised of one (1) 2.5-acre parcel with two (2) buildings. A tax map for the site and surrounding area is attached in *Appendix A*.

### 2.2 Site History

During the period of 1969 through 1984 operations at the Ingleside facility consisted of metal fabrication, including sheet metal, mill and lathe work. Cutting oils used in these processes were hand applied using oilcans. The spent cutting oil was collected and disposed of by Bison Waste Oil Company.

Prior to 1985, all plating work for Ingleside was subcontracted. In the summer of 1985, Ingleside began to chrome-plate aluminum parts at the 1118 Mertensia Road facility. Yellow Iridite, a coating containing chromium, was used in the aluminum plating process. A dry well was installed in the summer of 1985 to dispose of rinse water generated by the plating operation.

The dry well was located on property currently owned by Dr. Laksman Prasad and others, which is immediately adjacent to the Former Ingleside facility to the north and west. The dry well was approximately 38 feet off the west, rear corner of the Frame Barn at 1118 Mertensia Road. The dry well was located within the 100-foot buffer area of NYS freshwater wetland CG-6. NYSDEC Region 8 Bureau of Wildlife did not deem the buffer area as wetland habitat.

On June 11, 1987 and July 2, 1987 water samples were collected from the sequence of rinse tanks used in the plating and tumbling processes and submitted to Upstate Laboratories Inc. for analysis. Results of laboratory analysis indicated exceedances of NYSDEC water quality regulations. Copies of laboratory reports are attached in Appendix A of the Interim Remedial Measure Work Plan (IRMWP) located in *Appendix C* of this RAFR. Due to the exceedances, the United States Environmental Protection Agency (EPA) requested that the use of the dry well be discontinued.

Ingleside responded to EPA's request, and in the fall of 1987 an internal, closed loop water treatment system was installed to treat the rinse water. The newly installed system treated and recycled rinse water with zero discharge to the environment. Solid waste was collected in the recycling process and was properly disposed of.

In 1996 Ingleside moved all operations from the 1118 Mertensia Road site to their current location at 1120 Hook Road in the Town of Farmington. The subject property was vacant until 2003. A small machine shop, owned by Joseph Role, currently operates at the site.

### 2.2.1 Previous Investigations

On December 1, 2000, Leader Environmental, Inc. (Leader), the environmental consultant for a prospective buyer of the former Ingleside site collected a sample of sludge from a pipe discharging into the dry well. The sample was submitted to Paradigm Environmental Services, Inc. of Rochester, New York (Paradigm) for analysis of total chromium by EPA Methods 3050 and 6010. Laboratory reports indicated that chromium was detected in the sludge sample at a concentration of 5,714 mg/kg or parts per million (ppm). Copies of laboratory reports are attached in Appendix B of the IRMWP located in **Appendix C** of this RAFR.

Based on the results of laboratory analysis of the sludge sample, Leader advised their client to obtain a groundwater sample from the vicinity of the dry well. SAW was retained by Ingleside to install a 3/4-inch piezometer well to approximately ten feet below ground surface (bgs) and collect a groundwater sample.

On December 19, 2000 a groundwater sample was collected from the piezometer and submitted to Paradigm for analysis of total chromium by EPA Methods 3050 and 6010. Laboratory reports indicated that chromium was present in the groundwater sample at a concentration of 1.75 mg/L or ppm (17,500 ug/L or parts per billion (ppb)). This concentration exceeds the applicable water quality standard of 50.0 ppb for chromium as listed in the NYSDEC Division of Water Technical and Operational Guidance Series (TOGS) #1.1.1 – *Ambient Water Quality Standards and Guidance Values*. Copies of laboratory reports are attached in Appendix C of the IRMWP located in **Appendix C** of this RAFR.

Under 40 CFR § 144.3 the former dry well was considered a Class V injection well, type 5W20 and was subject to the closure requirements of the Underground Injection Control Program administered by the EPA. The EPA requires that the chemical nature of all injected fluids and any entrained sediments be completely characterized.

On January 3, 2001 SAW collected a sample of the dry well influent sludge to provide the required waste characterization. The sample was submitted to Lozier Analytical Group of Middlesex, New York (Lozier) for full RCRA waste characterization (i.e., 8-RCRA metals, volatile and semi-volatile organic compounds, pH, ignitability, reactivity and paint filter) using the Toxicity Leaching Characteristic Procedure TCLP plus the direct analysis for PCBs using EPA Method 8080.

Laboratory reports indicated that volatile organic compounds (VOCs) and semi-volatile organic compounds (SVOCs) were not detected in analysis of the sample leachate and direct analysis of the sludge did not detect concentrations of PCBs above detection limits. Further, the waste was not classified as hazardous based on the characteristics of ignitability, reactivity or corrosivity. Chromium was detected in the sample leachate at a concentration of 1.90 ppm and cadmium was detected at a concentration of 2.45 ppm. Copies of laboratory reports are attached in Appendix D of the IRMWP located in **Appendix C** of this RAFR.

Based upon the nature and source of the waste, it was characterized as a hazardous waste pursuant to 40 CFR § 261.31 (Hazardous wastes from non-specific sources) and 6 NYCRR § 371.4(b). The EPA waste codes for the waste are F006 (i.e., Wastewater treatment sludge from electroplating operations) and F019 (i.e., Wastewater treatment sludge from the chemical conversion coating of aluminum).

### 2.2.2 Voluntary Cleanup Agreement

In February 2001 SAW received approval from the EPA to close the dry well. Based upon Ingleside's intention to sell the site, and the associated environmental liability concerns for any prospective purchaser, Ingleside entered into a Voluntary Cleanup Agreement with the NYSDEC in September 2001, with amendments to the agreement in March 2002 to address contemplated use of the site.

SAW submitted an Interim Remedial Measure Work Plan to the NYSDEC in November 2001. The plan was approved by the NYSDEC in December 2001. After considerable negotiation over the terms of an access agreement for the neighboring site (i.e., the location of the dry well) work commenced in January 2002.

## 3.0 SITE INVESTIGATION & REMEDIATION

### 3.1 Approved Work Plan

The Interim Remedial Measure Work Plan, approved by the NYSDEC, included the following elements:

- Removal and disposal of the dry well structure;
- Excavation, transportation and landfill disposal of chromium impacted soil;
- Removal of one (1) 1,000-gallon fuel oil underground storage tank;
- Collection and analysis of confirmatory soil samples.

### 3.2 Cleanup Standards

Soil cleanup standards for the Interim Remedial Measure were obtained from NYSDEC Technical and Administrative Guidance Memorandum (TAGM) #4046 – *Determination of Soil Cleanup Objectives and Cleanup Levels*, January 1994. The TAGM 4046 Recommended Soil Cleanup Objective for chromium is 10 ppm or site background, with site backgrounds in New York State ranging between 1.5 to 40 ppm. Further, correspondence with Mr. James Craft of the NYSDEC Department of Environmental Remediation indicated that 50 ppm may be utilized as a reasonable soil cleanup objective if the 10 ppm objective was not feasible.

Groundwater cleanup standards were obtained from NYSDEC Division of Water Technical and Operational Guidance Series (TOGS) #1.1.1 – *Ambient Water Quality Standards and Guidance Values*, June 1998. The water quality standard for chromium is 50 ppm. *ppb*

### 3.3 Dry Well Closure

Ingleside indicated that neither construction diagrams nor piping schematics for the dry well existed and that the dry well was fabricated and installed according to the instructions of the plating equipment manufacturer. During excavation it was observed that the drywell construction consisted of two (2) perforated 55-gallon drums, allowing fluid seepage into the surrounding stone in which the drums were bedded. The stone appeared to be #2 crushed limestone. There was approximately twelve (12) cubic yards of stone surrounding the drums. The dry well assembly was covered with polyethylene sheeting to prevent infiltration of sediments from overlying soils and subsequent filling of the pore spaces of the stone. The drain piping was constructed of four (4)-inch SDR-35 pipe that ran from the building to the

## SAW ENVIRONMENTAL SERVICES INC

dry well. All dry well components were removed during remediation activities. A map, showing the dry well construction and extents to excavations is attached as Figure 4 in *Appendix A*.

On January 2002 the dry well, associated crushed stone and soils immediately adjacent to the crushed stone were excavated. Approximately 60 tons of soils and dry well components were placed in a roll-off dumpster for future disposal. Confirmatory soil samples were collected from the sidewalls of the excavation to determine if sufficient material had been removed and for waste profiling and disposal purposes. In addition, samples were collected from soils beneath each pipe joint. Samples were submitted to Lozier under chain of custody procedures for analysis of heavy metals by EPA Method 6010B. Copies of laboratory reports and chains of custody are attached in *Appendix C*.

Laboratory reports for soil samples collected from beneath the pipe joints indicated that chromium levels in soils beneath joints 1, 2, 3 and 4 were below the 50 ppm threshold (i.e., ranging from 9.81 to 28.0 ppm). Chromium levels in soils from beneath joints 5 and 6 exceeded the 50 ppm threshold (60.1 and 154.0 ppm respectively). Laboratory analysis of soil samples collected from the excavation sidewalls and bottom is summarized in Table 1 in *Appendix B*.

Laboratory reports for excavation confirmatory samples indicated that total chromium levels in soils ranged between 130.0 ppm and 1,798.0 ppm, exceeding the TAGM 4046 Recommended Soil Cleanup Objectives for heavy metals. Laboratory analysis of soil samples collected from the excavation sidewalls and bottom is summarized in Table 2 in *Appendix B*.

Based upon the results of confirmatory soil samples it was determined that additional soil removal was required. In March 2002, approximately 20 tons of additional soils were excavated and placed in the roll-off dumpsters for future disposal. The second excavation revealed the presence of a former foundation adjacent to the dry well. The foundation appeared to have a topcoat of concrete approximately two (2) inches thick that covered a rock filled depression. The rocks in the depression created a substantial amount of void space and were covered with a coating that appeared to be dried sludge, presumably from the dry well. This area appears to have allowed the migration of contaminants towards the north. The excavation continued along the foundation until it terminated.

Upon completion of the excavation confirmatory soil samples were collected from the sidewalls and bottom of the excavation. The samples were submitted to Lozier under chain of custody procedures for analysis of total chromium. Copies of laboratory reports and chains of custody are attached in *Appendix C*.

Laboratory reports for excavation confirmatory samples indicated that total chromium levels in soils ranged between 80.5 ppm and 2,225.0 ppm, exceeding the TAGM 4046 Recommended Soil Cleanup Objectives for heavy metals. Laboratory analysis of soil samples collected from the excavation sidewalls and bottom is summarized in Table 4 in *Appendix B*.

Based upon the results of confirmatory soil samples it was determined that a third excavation event was required. In May 2002, approximately 80 tons of additional soils were excavated and placed in the roll-off dumpsters for future disposal. Upon completion of the excavation confirmatory soil samples were collected from the sidewalls and bottom of the excavation and from beneath pipe joints 5 and 6. The samples were submitted to Paradigm under chain of custody procedures for analysis of total chromium by EPA Method 6010B. Copies of laboratory reports and chains of custody are attached in *Appendix C*.

Laboratory reports for excavation confirmatory samples indicated that total chromium levels in excavation soil samples ranged between 21.1 ppm and 167.0 ppm. Chromium was detected in soils from beneath pipe joints 5 and 6 at a concentration of 28.6 and 89.9 respectively. Laboratory analysis of soil samples collected from the excavation sidewalls and bottom is summarized in Table 4 in *Appendix B*.

To facilitate completion of a Data Usability Summary Report, additional excavation samples were collected in January 2003 and submitted for analysis of heavy metals by EPA Method 6010B with ASP

Category B deliverables. Copies of laboratory reports and chains of custody are attached in *Appendix C*. Laboratory reports indicate that total chromium levels ranged between 27.8 and 126.0 ppm. Laboratory analysis of soil samples collected from the excavation sidewalls and bottom is summarized in Table 3 in *Appendix B*.

Further excavation was impeded by rock (i.e., presumably bedrock) at the base and east wall of the excavation. Accordingly, further excavation was not feasible. Subsequent to review of the January 2003 soil analysis results the excavation was backfilled with clean topsoil removed from Ingleside's new facility, located at 1120 Hook Road, Farmington, New York, during site development. Backfill was transported by Hunts Excavating of Victor, New York. All disturbed areas were covered with approximately six (6) inches of topsoil and were seeded and the site was returned to pre-remediation appearance.

### 3.3.1 Waste Stream and Disposal

All chromium impacted soil and debris were loaded into roll-off dumpsters and staged on site. Upon receipt of disposal facility approval, all waste was transported by Buffalo Fuel Corp. of 4870 Packard Road, Niagara Falls, New York 14304 (EPA ID # NYR000045724). All waste was transported to CWM Chemical Services, LLC, located at 1550 Balmer Road, Model City, New York, 14107 (EPA ID # NYD049836679). A total of 126.89 tons (115,113.34 Kg) of chromium contaminated waste was transported and disposed of.

Copies of disposal facility approval, waste manifests, transporter logs and Ingleside's 2002 Hazardous Waste Report (NYSDEC Form GM) are attached in *Appendix E*. The following summarizes waste shipments:

| Ship Date | TSDf Receipt Date | Manifest # | Weight (Kilograms) | Weight (Tons) |
|-----------|-------------------|------------|--------------------|---------------|
| 5/10/02   | 5/13/02           | NYB9599904 | 12,764.30          | 14.07         |
| 5/10/02   | 5/13/02           | NYB9599913 | 20,620.66          | 22.73         |
| 5/10/02   | 5/13/02           | NYB9599949 | 14,696.64          | 16.20         |
| 5/13/02   | 5/14/02           | NYB9599895 | 20,248.70          | 22.27         |
| 5/13/02   | 5/14/02           | NYB9599922 | 23,850.29          | 26.29         |
| 5/15/02   | 5/15/02           | NYB9599931 | 22,934.02          | 25.28         |

### 3.4 Fuel Oil Tank Removal

On January 29, 2002 the 1,000-gallon fuel oil UST was removed from the east side of the house. The location of the tank is shown on the Site Map, which is attached as Figure 3 in *Appendix A*. The UST was empty at the time of removal. The following details the tank removal:

- The UST was uncovered with a mini excavator;
- All ancillary piping was removed;
- The tank atmosphere was monitored with an LEL/O<sub>2</sub> meter to assess flammable vapors and oxygen content;
- The tank was inerted with carbon dioxide gas;
- The tank was removed, decommissioned and cleaned. All tank bottoms and rinsate were containerized, transported and disposed of;
- The tank was transported to a scrap yard for disposal as scrap steel;

## SAW ENVIRONMENTAL SERVICES INC

- The excavation soils were monitored for the presence of petroleum vapors with a MiniRae 2000 photo ionization detector;
- Confirmatory soil samples were collected from the excavation sidewalls and base.

Confirmatory soil samples from the excavation sidewalls and base were submitted to Lozier under chain of custody procedures for analysis of volatile organic compounds by EPA Method 8021 and semi-volatile organic compounds by EPA Method 8270. Copies of laboratory reports and chains of custody are attached in *Appendix C*.

Laboratory reports indicate that semi-volatile organic compounds were not detected in the analysis of excavation sidewall or base samples. Several volatile organic compounds were detected in low concentrations, however all concentrations detected were well below the NYSDEC TAGM 4046 Recommended Soil Cleanup Objectives for fuel oil contaminated soils. Analysis of volatile organic compound analysis is summarized in Table 5 in *Appendix B*.

### 3.4.1 Waste Stream and Disposal

One 55-gallon drum of tank bottoms and rinsate was generated during the tank closure. On June 21, 2002 the drum was transported by New York Environmental Technologies, Inc. of 230 McKee Road, Rochester, New York 14611 (NYSDEC Transporter Permit # 8A-720). The drum was transported to Environmental Products and Services, Inc., located at 532 State Fair Boulevard, Syracuse, New York, 14425 for disposal. Disposal facility approval and the waste manifest are attached in *Appendix E*.

Subsequent to decommissioning and cleaning the tank was transported to Alpco Recycling, located at 846 Macedon Center Road, Macedon, New York, 14502 for disposal as scrap steel. A copy of the scrap receipt is attached in *Appendix E*.

## 3.5 Groundwater Investigation

### 3.5.1 Monitoring Well Installation

On September 19, 2002 four (4) groundwater monitoring wells were installed at the site. SAW contracted with Nothnagle Drilling Inc. to install the wells. Each well was installed to a maximum depth of fifteen (15) feet below ground surface (bgs). The wells were constructed of two (2)-inch, flush-joint Schedule 40 PVC with 0.010-inch slotted screens. Monitoring well diagrams are attached as Figures 5 through 8 in *Appendix A*.

Fractured bedrock was encountered at depths ranging from four (4) to six (6) feet bgs, at which depth a diamond tipped core barrel was used to drill to the desired depth. The bedrock encountered was highly fractured with several mud seams, which prevented significant core recovery.

The development of the wells was hampered by the mud seams and the resulting fine grained sediment in the wells. During installation monitor well MW1 lost 200 gallons of water. Upon reaching twelve (12) feet bgs the water level stabilized. However, upon development and sampling it was evident that the groundwater elevation was lower than the well. The retention of drilling fluids was likely a result of fine particles plugging the bedrock fractures.

Upon completion of the well installation the casings were surveyed to a common datum point. Monitoring well locations and casing elevations are detailed on the Monitoring Well Location Map, which is attached as Figure 9 in *Appendix A*.

### 3.5.2 Groundwater Sampling

On October 7, 2002 SAW collected groundwater samples from the newly installed wells at the site. The wells were bailed of three well volumes and samples were collected. The samples were Submitted to Paradigm under chain of custody procedures for analysis of heavy metals by EPA Method 6010B and turbidity by EPA Method 180.1. Copies of laboratory reports and chains of custody are attached in *Appendix D*.

Due to seasonable low groundwater levels MW1 could not be sampled in October 2002. Laboratory reports indicated that chromium was not detected in analysis of groundwater samples from MW3 or MW4. Chromium was detected in the groundwater sample from MW2 at a concentration of 49 ppb. This level is below the NYSDEC TOGS 1.1.1 water quality standard of 50 ppb.

Laboratory analysis of groundwater samples from MW2, MW3 and MW4 indicated turbidity levels of 428 NTU, 63.3 NTU and 23.3 NTU respectively. Corresponding heavy metals analysis of the groundwater sample from MW2 showed proportionally higher numbers of compounds detected. It was apparent that there was a correlation between high turbidity levels and increased compound detections. It was determined that sampling should be conducted again in an attempt to collect less turbid samples that were more characteristic of actual groundwater conditions. Laboratory analysis is summarized in Table 6 in *Appendix B*.

On January 8, 2003 SAW personnel met with representatives of the NYSDEC Department of Environmental Remediation to conduct a second groundwater sampling event. Groundwater samples were collected from each well using low flow/low purge sampling methods with constant monitoring of turbidity levels. Data collected from the groundwater sampling event is summarized in Table 7 in *Appendix B*.

Groundwater samples were submitted to Paradigm under chain of custody procedures. Paradigm in turn submitted the samples to Adirondack Environmental Services, Inc., located at 314 North Pearl Street, Albany, New York, 12207 for analysis of volatile organic compounds by EPA Method 8260B, heavy metals by EPA Method 6010B and total cyanide by EPA Method 9012A with ASP Category B deliverables. Laboratory reports are attached in *Appendix D*.

Laboratory reports indicated that total chromium concentrations in groundwater ranged between 3.6 ppm and 16.4 ppb. These levels are below the NYSDEC TOGS 1.1.1 water quality standard of 50 ppb. Laboratory analysis of heavy metals in groundwater is summarized in Table 6 in *Appendix B*.

Groundwater elevations were recorded, corrected to the surveyed casing elevations and utilized to calculated groundwater flow direction. Groundwater at the site flows to the west-southwest towards the wetland area.

## 4.0 QUALITY CONTROL

### 4.1 ASP Category B Deliverables

As noted above, select samples were submitted for analysis with a reporting level of ASP Category B deliverables in order to facilitate a review and evaluation of the usability of laboratory data. As required by the Voluntary Cleanup Program, all laboratories utilized for ASP work are NYSDOH ELAP CLP certified.

## SAW ENVIRONMENTAL SERVICES INC

The following summarizes samples submitted for analysis with the ASP Category B reporting level:

| Sample Date | Sample ID                     | Matrix | Sample Type             | Laboratory | Analysis (EPA Method) |
|-------------|-------------------------------|--------|-------------------------|------------|-----------------------|
| 01/28/02    | Trip blank                    | Water  | Trip blank              | Lozier     | 8260B                 |
| 01/29/02    | Fuel oil tank excavation base | Soil   | Excavation Confirmatory | Lozier     | 8260B                 |
| 01/29/02    | 48965                         | Soil   | Third Party Validation  | Friend Lab | 8270                  |
| 01/29/02    | 48977                         | Water  | Temperature blank       | Friend Lab | 8270                  |
| 01/29/02    | 48978                         | Water  | Trip blank              | Friend Lab | 8270                  |
| 01/08/03    | MW1                           | Water  | Groundwater             | Adirondack | 6010B, 8260B          |
| 01/08/03    | MW2                           | Water  | Groundwater             | Adirondack | 6010B, 8260B          |
| 01/08/03    | MW3                           | Water  | Groundwater             | Adirondack | 6010B, 8260B          |
| 01/08/03    | MW4                           | Water  | Groundwater             | Adirondack | 6010B, 8260B          |
| 01/08/03    | South base                    | Soil   | Excavation Confirmatory | Adirondack | 6010B                 |
| 01/08/03    | North base                    | Soil   | Excavation Confirmatory | Adirondack | 6010B                 |
| 01/08/03    | Southwest wall                | Soil   | Excavation Confirmatory | Adirondack | 6010B                 |
| 01/08/03    | Northwest wall                | Soil   | Excavation Confirmatory | Adirondack | 6010B                 |
| 01/08/03    | Trip blank                    | Water  | Trip blank              | Adirondack | 6010B, 8260B          |

Copies of ASP Category B deliverable packages are attached in *Appendix I*. Given the volume of data associated with these packages (i.e., approximately 400 total pages), they will be kept on file at the office of SAW. Copies will be available for review upon request.

### 4.2 Data Usability Summary Report

Upon receipt of the ASP Category B deliverables package, SAW retained Haley & Aldrich of New York (H&A), located at 200 Town Centre Drive, Suite 2, Rochester, New York 14623, to review the data package and conduct a Data Usability Summary Report (DUSR). H&A indicated that data were found to be compliant with the data quality objectives for the project and usable. A copy of the H&A DUSR is attached in *Appendix G*.

## 5.0 QUALITATIVE HUMAN HEALTH EXPOSURE ASSESSMENT

Given the site's proximity to a New York State mapped wetland (CG-6) and the surrounding 100-foot buffer zone, it is presumed that the location will prevent future development and any intrusive use. The source property is limited to one residential home (> 200 feet away) and a tool & die shop (> 20 feet away). Both structures are located up gradient from the source area. Use of areas immediately adjacent to the excavation include the following:

*East – Tool and die shop, slab on grade construction*

*South – Lawn (septic system location) and second growth wooded area (wetland buffer zone)*

*West – NYSDEC Regulated Wetland, wetland vegetation surrounding a bog-like area.*

*North – Second growth wooded area (wetland buffer zone)*

### 5.1 Contaminant Source

The source of the contaminants as documented was the operation of a plating facility and the discharge of plating waste containing elevated levels of chromium into an injection well. The discharge point was approximately 1.5 feet below grade and released fluids into a dry well consisting of two (2) 55-gallon drums surrounded by crushed stone (see Section 3.1 above). The fluids drained into the drums and through the stones to collect at groundwater level in the voids of the dry well construction material. Remediation activities included the removal and disposal of the source dry well materials and adjacent affected soils.

### 5.2 Contaminant Release and Transport Mechanisms

Residual contaminants present at the site are located at depths greater than three feet below grade with the potential for minute concentrations at grade level due to remedial activities. Upon completion of site grading and restoration any low-level contaminants present at grade have been covered with new topsoil and seed (+/- 6"), theoretically eliminating the possibility of dermal or airborne ingestion contact.

The potential exists for residual levels of contaminants in the excavation to come in contact with groundwater and be subject to transport. The direction of local groundwater flow is to the west-southwest towards the State mapped wetland and associated buffer zone. Given that laboratory analysis of groundwater samples collected from down gradient wells have not indicated the presence of a dissolved contaminant plume, it is reasonable to ascertain that the residual contaminants would not result in a dissolved contaminant plume of concern. Further, TCLP analysis of dry well sludge indicated that contaminants present in the waste did not have a significant leachable component.

### 5.3 Point of Exposure/Route of Exposure

If contaminants dissolved in groundwater were to come in contact with surface waters in the wetland marsh, the potential exists for these contaminants to reach the northern drainage creek. This creek flows north through delineated wetlands and subsequently across undeveloped lands onto Conrail property, leading to a ditch flowing parallel to the railroad tracks. If such a route were ever documented it is likely that the contaminant levels would be highly diluted and reduced to an acceptable level. Further, initial concentrations would likely be low, given the low concentrations of leachable chromium in the soil.

### 5.4 Receptor Population

Human exposure would be limited to hikers, hunters, and possibly land surveyors who could be exposed only if chromium were to leach into the wetland waters. Given the low concentrations of leachable chromium, this exposure is highly unlikely. Potential exposure pathways include dermal contact with, or ingestion of creek water in the unlikely event it becomes contaminated. There are no resident populations on the wetland exposure.

## 6.0 INSTITUTIONAL CONTROLS

The location of remedial excavation activity at the site appears to eliminate the need for any additional institutional protective measures. Existing controls include the following:

- Property line setbacks in the Town of Farmington Zoning Code eliminate the possibility of any future buildings placed or constructed on the remediated area (set-back 20' rear, 15' side);
- The remediated area lies within a NYSDEC mapped wetland and the 100 foot buffer zone;

- The location of the remediated area is the lowest point of the Ingleside property and is in a protected hollow, which prevents any sustained wind from drying out the soils. This feature and the location of the adjacent septic system tend to keep the area generally moist and damp. These conditions do not allow for dust generation but are conducive to generating a thick horizon of sod.
- Imported topsoil cover up to six inches thick was placed on all disturbed areas and planted with grass seed. This cover will prevent any potential of dermal contact from casual site activity.
- It is not possible to place deed restrictions on the remediated area because it is not owned by Ingleside Machine or Mario Carruba. However, it would be possible to place an additional deed notice on the Former Ingleside Property.

Copies of relevant sections of the Town of Farmington Zoning Code are attached in *Appendix H*.

## 7.0 OPERATIONS AND MAINTENANCE

The source of contamination and associated impacted soils have been removed and properly disposed of. Further, laboratory reports indicate that significant groundwater impacts are not present as a result of historical site activities. Given this information, future operations and maintenance activities do not appear to be required.

## 8.0 VCP REMEDIAL ACTION FINAL REPORT CHECKLIST

|                                                                   |               |
|-------------------------------------------------------------------|---------------|
| - Did the remediation substantially comply with the work plan?    | Yes           |
| - Are any changes from the work plan sufficiently documented?     | No Deviations |
| - Were the remedial goals clearly met?                            | No            |
| - Was a DUSR included with the report?                            | Yes           |
| - Did a licensed N.Y.S. Professional Engineer certify the report? | Yes           |
| - Has the department received proof of institutional goals        | N/A           |
| - Does the report contain adequate as-builts?                     | Yes           |
| - Does the report contain an adequate OM&M Plan                   | N/A           |

## 9.0 CONCLUSIONS

SAW has completed an interim remedial measure pursuant to the NYSDEC approved Site Interim Remedial Action Work Plan for the former Ingleside Machine Co. site. Remediation activities, as detailed in the narrative of this report, included excavation, transportation and disposal of chromium impacted soil and debris, removal of one (1) 1,000-gallon fuel oil UST and installation and sampling of four (4) groundwater monitoring wells.

Laboratory analysis of confirmatory soil samples from the fuel oil tank excavation indicates that no petroleum impacted soils are present at the site. Laboratory analysis of groundwater samples collected from the monitoring wells indicates that chromium concentrations are well below the NYSDEC TOGS 1.1.1 water quality standard of 50 ppb (i.e., concentration range from 3.6 ppb to 16.4 ppb).

Laboratory reports indicate that soil samples collected from the bottom and sidewalls of the final dry well excavation contain total chromium concentrations in ranging between 27.8 and 126 ppm. These levels exceed the NYSDEC TAGM 4046 Recommended Soil Cleanup Objective of 10 ppm. Correspondence

## SAW ENVIRONMENTAL SERVICES INC

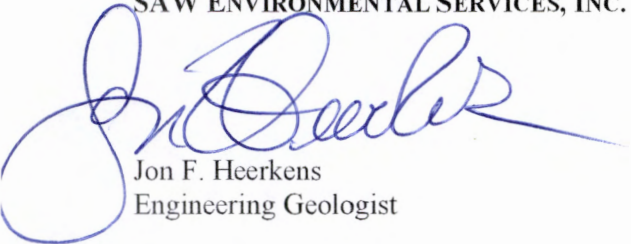
with Mr. James Craft of the NYSDEC Department of Environmental Remediation indicated that 50 ppm may be utilized as a reasonable soil cleanup objective. Of the four (4) confirmatory soil samples analyzed from the dry well excavation, two (2) exceed the 50 ppm threshold. These are the South Base composite sample (126 ppm) and the Northwest Wall composite sample (80.9 ppm). Because weathered bedrock was encountered in the base and east wall of the excavation, further removal was not feasible.

TCLP analysis of the sludge from the dry well indicated that the leachable component of the waste was minute. Therefore impacts to groundwater from residual contaminants are highly unlikely. Further, analysis of downgradient groundwater samples indicate that groundwater at the site has not been significantly impacted.

While the concentrations of total chromium present in soils at the remediated area exceed NYSDEC TAGM 4046 Recommended Soil Cleanup Objectives, other conditions provide extensive protections from potential human exposure to contaminants, including the following:

- The source of the chromium contamination has been removed;
- The proximity of the excavated area to the property line prohibits construction activities due to Town of Farmington Zoning Code setbacks;
- The excavated area lies within a NYSDEC regulated wetland buffer zone, prohibiting development in this area;
- All affected areas were covered with imported topsoil to a depth of approximately six (6) inches and seeded, preventing dermal contact or inhalation. Further, the excavated area's location in proximity to the building and wooded area limits exposure of surface soils to wind, reducing the potential for a dusty environment and contributing to generation of a thick horizon of sod.

Respectfully Submitted,  
SAW ENVIRONMENTAL SERVICES, INC.



Jon F. Heerkens  
Engineering Geologist

DKE/jfh

### Professional Engineer Certification

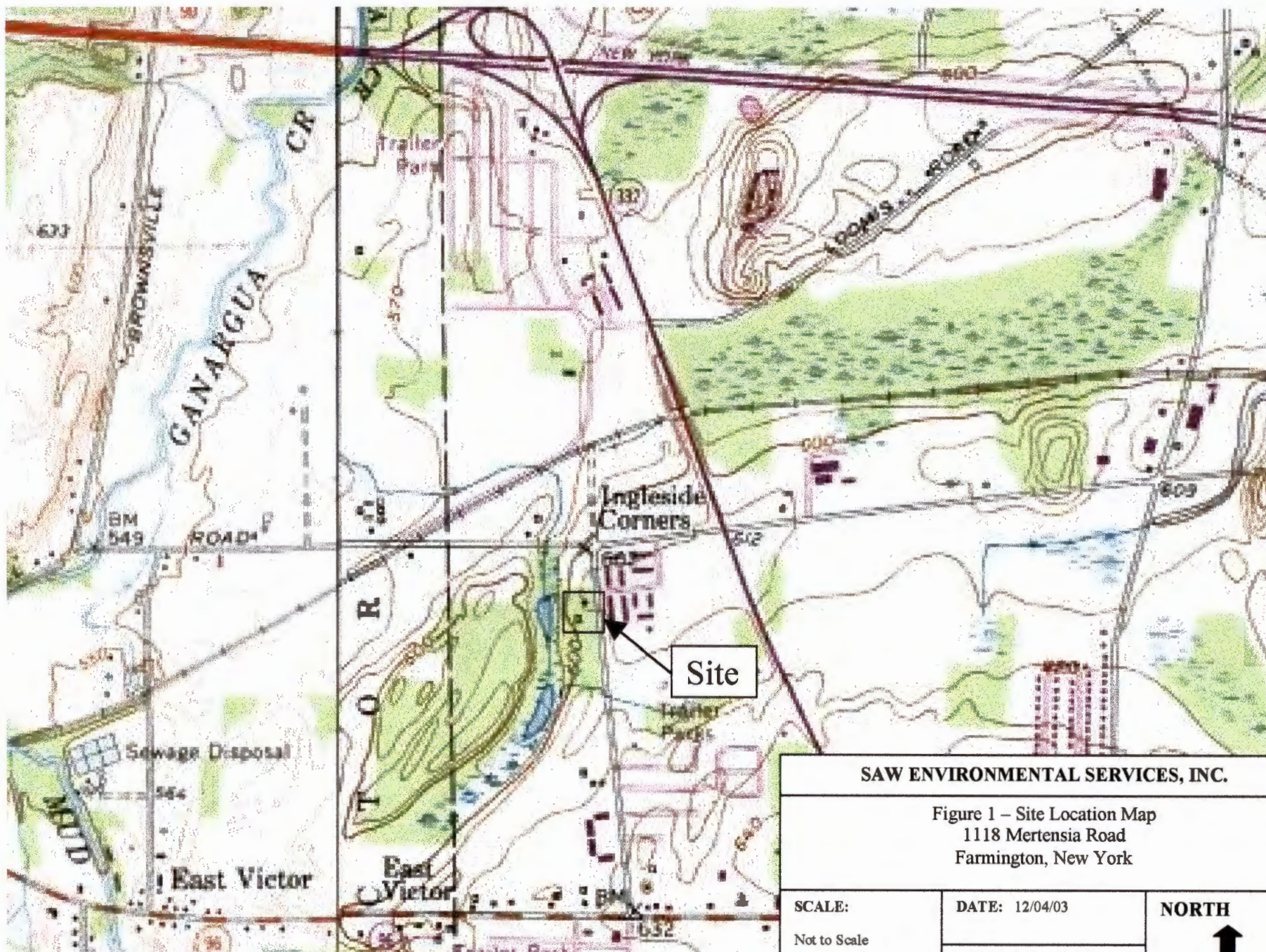
I certify that the Interim Remedial Measure Work Plan was implemented and that all construction activities were completed substantially in accordance with the Department approved work plan.

John Frederick Gauthier  
NYS License Number 064277



## *Appendix A*

### **Figures**



SAW ENVIRONMENTAL SERVICES, INC.

Figure 1 – Site Location Map  
1118 Mertensia Road  
Farmington, New York

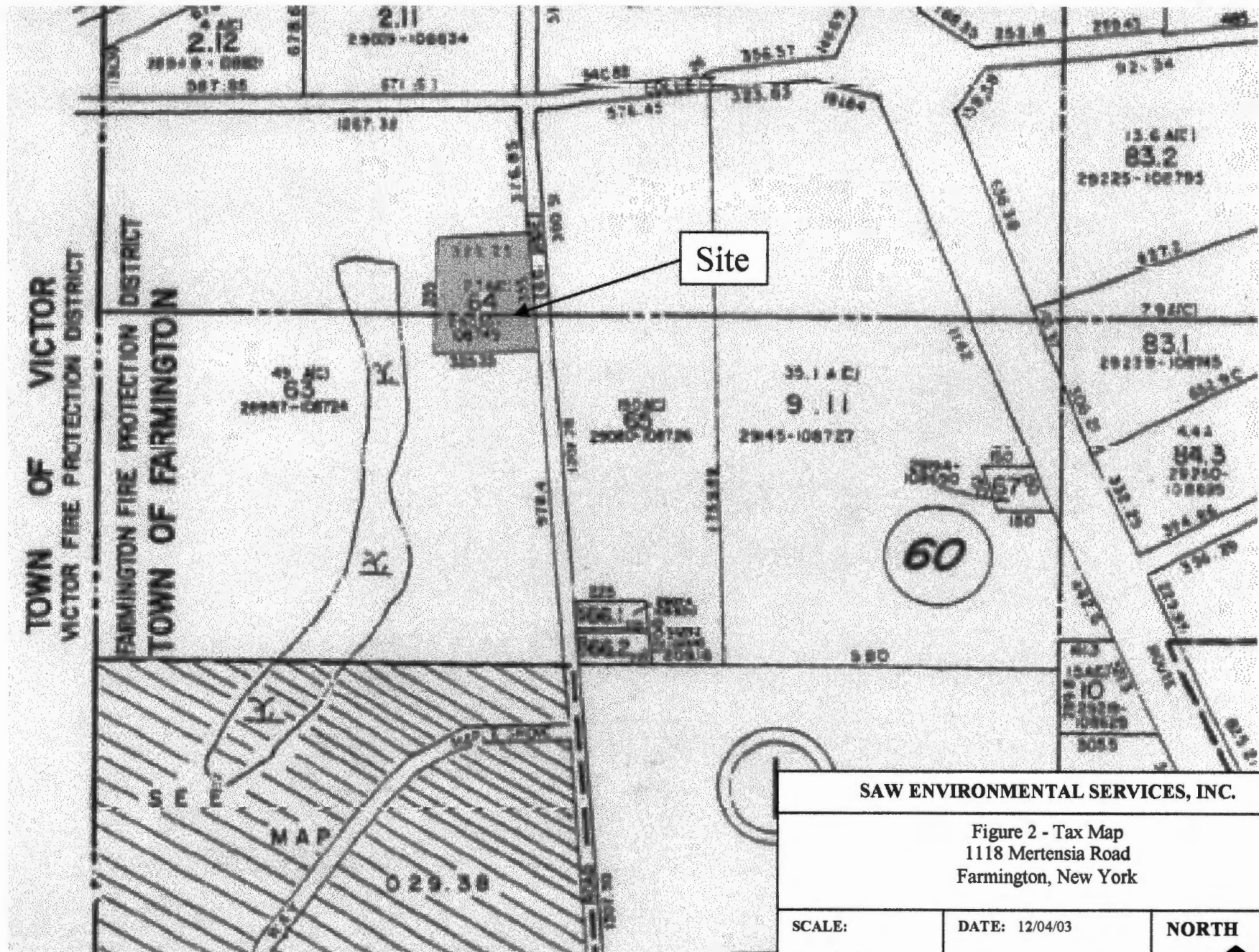
SCALE:  
Not to Scale

DATE: 12/04/03

DRAWN BY: DKE

NORTH





**SAW ENVIRONMENTAL SERVICES, INC.**

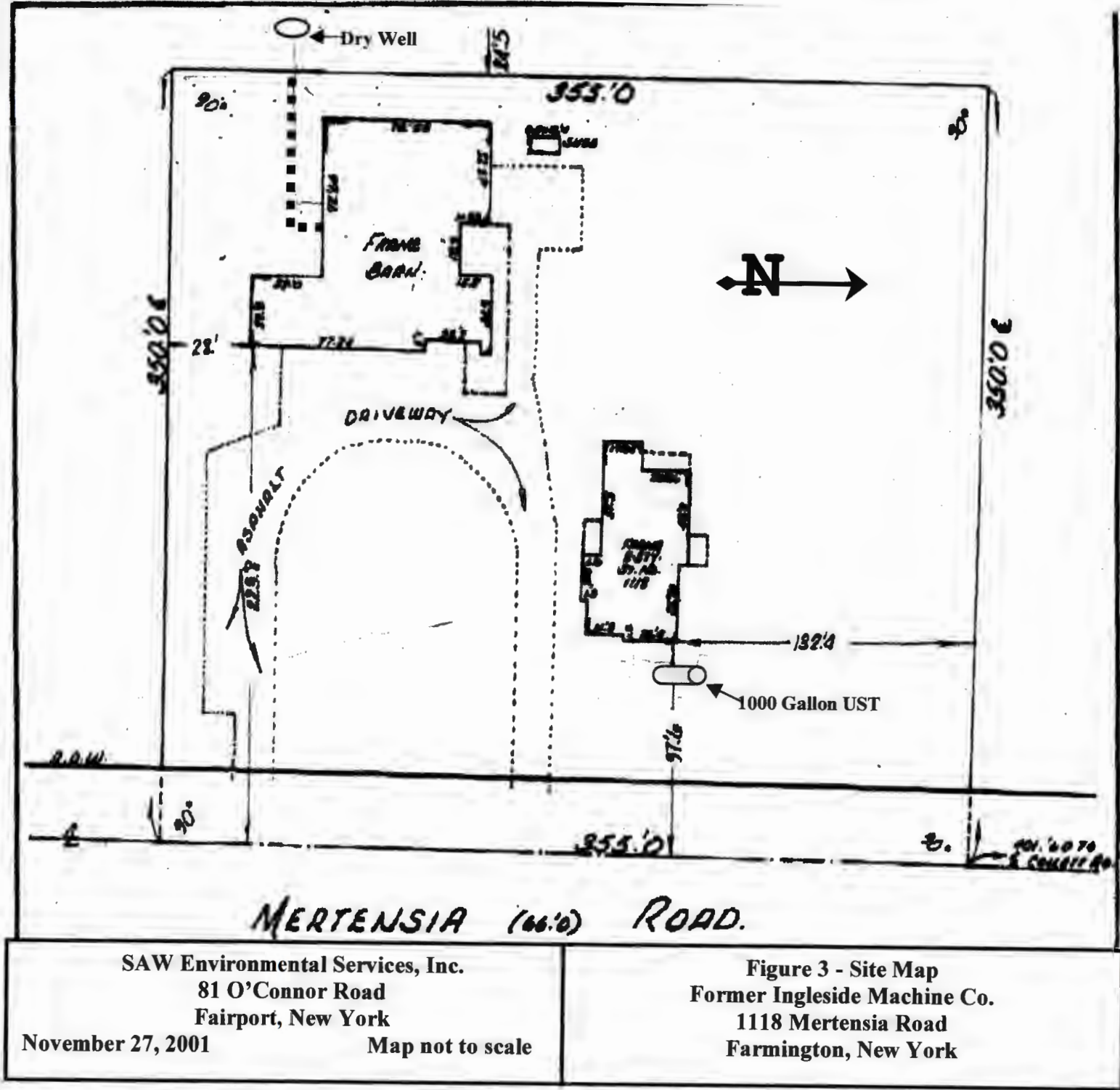
Figure 2 - Tax Map  
1118 Mertensia Road  
Farmington, New York

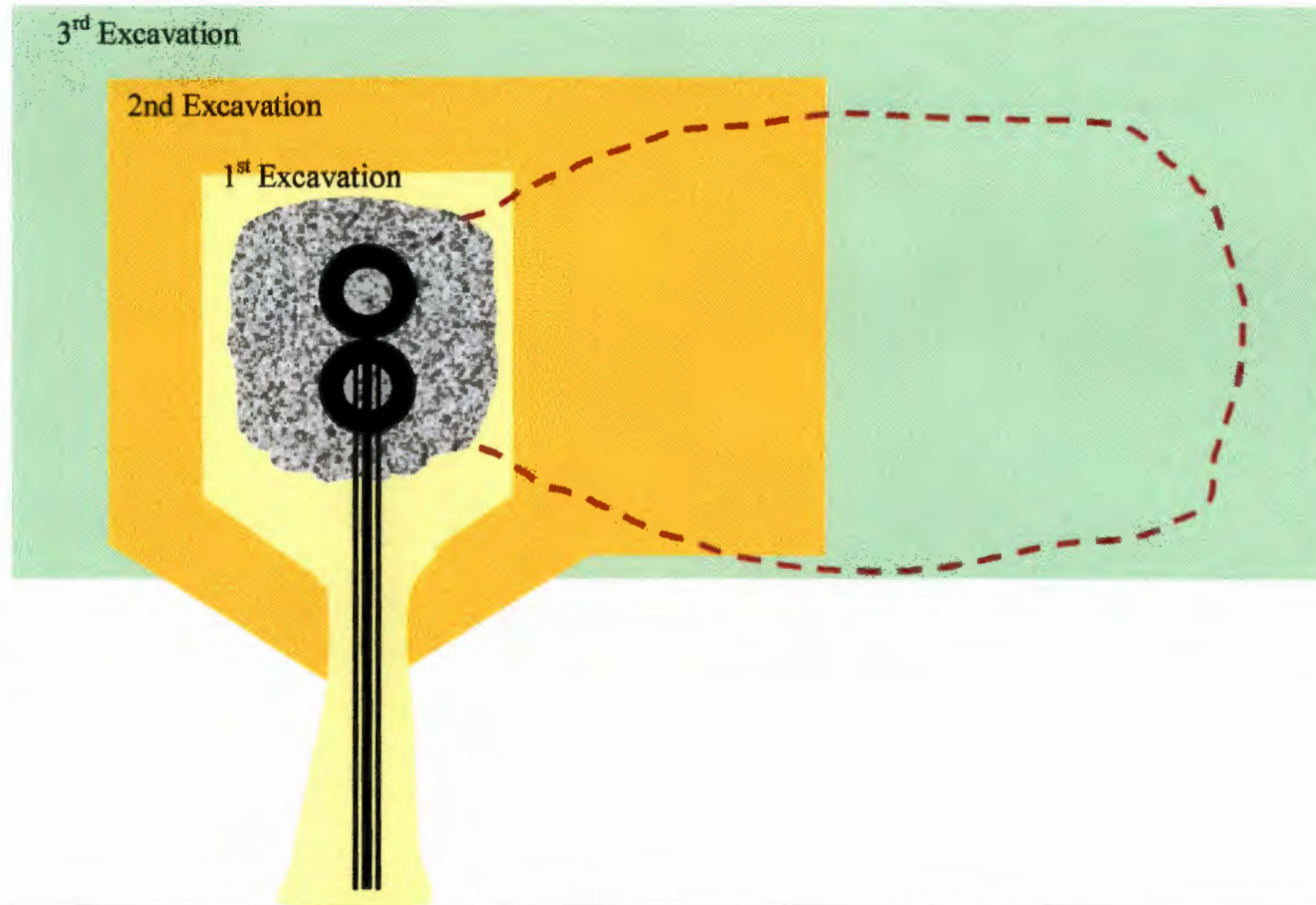
SCALE:  
Not to Scale

DATE: 12/04/03

DRAWN BY: DKE

**NORTH**  
↑





SAW Environmental Services, Inc.  
81 O'Connor Road  
Fairport, NY 14450

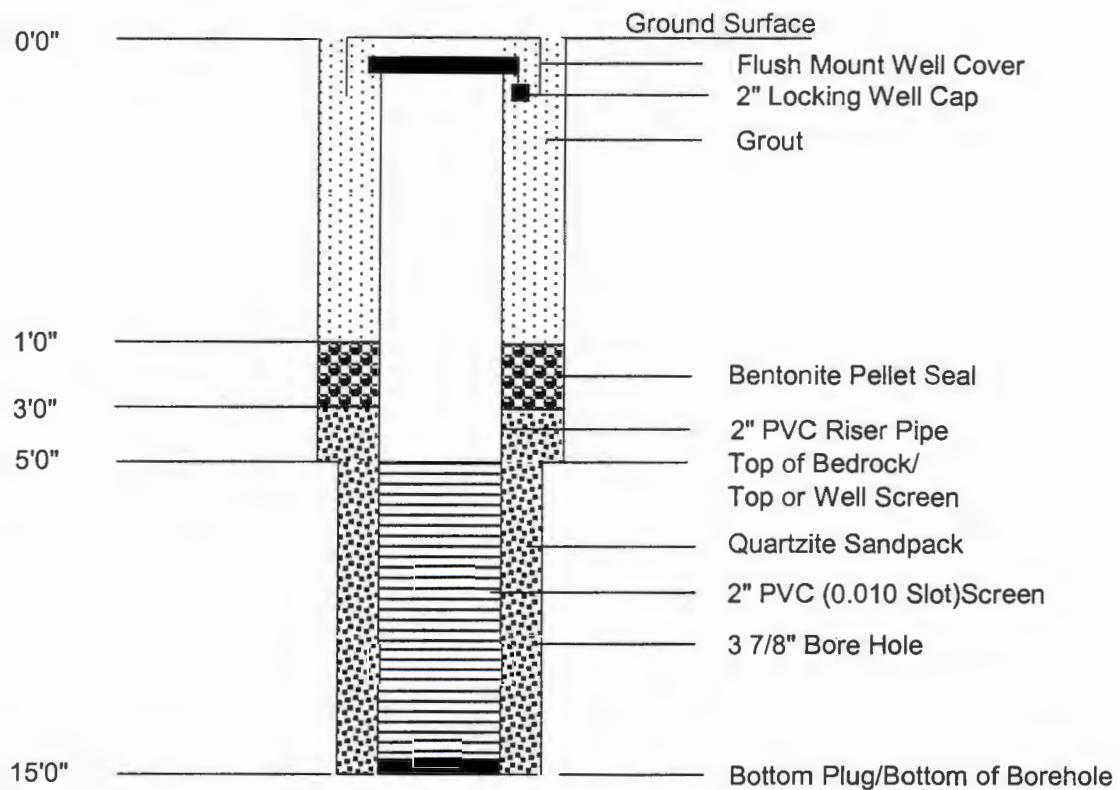
Map Not Scale

Drum   
#2 Crushed Dolomite Fill   
Exc #1  Exc #2   
Filled Foundation Area   
Drain   
Exc #3 

Figure 4 – Dry Well Excavation Map  
Former Ingleside Machine Co.  
1118 Mertensia Road  
Farmington, New York

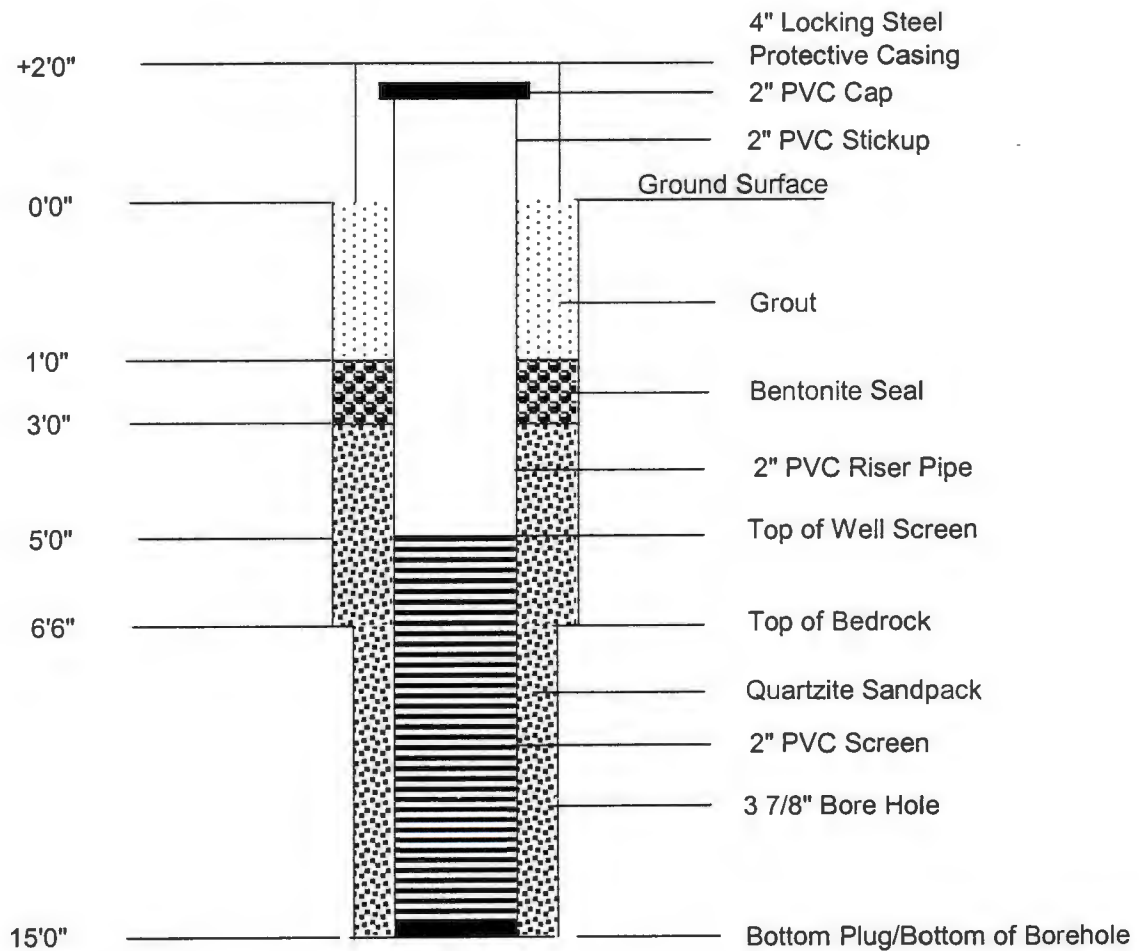
Drywell Excavation Area Map  
June 18, 2002

**Figure 5. – Monitoring Well Diagram  
MW-1**



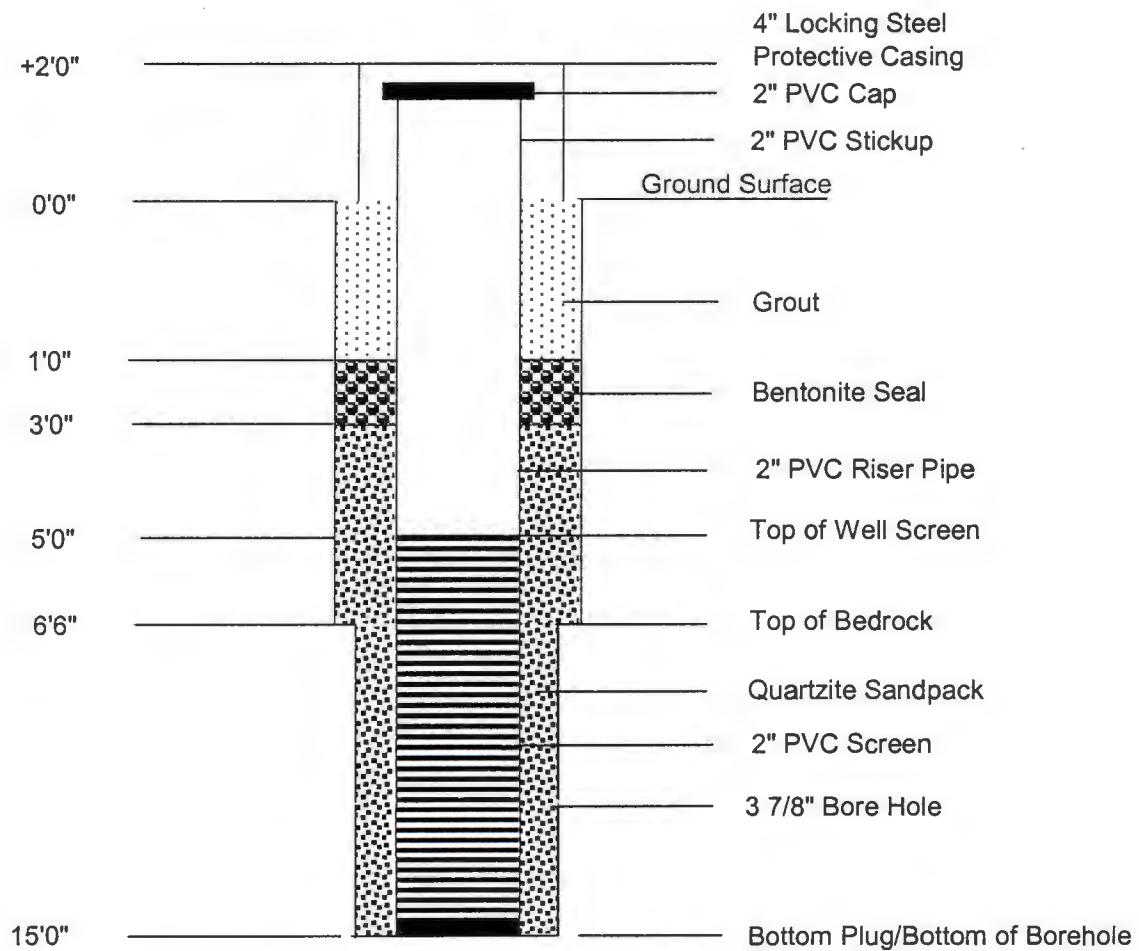
Note: Drawing Not To Scale

**Figure 6. – Monitoring Well Diagram  
MW-2**



Note: Drawing Not To Scale

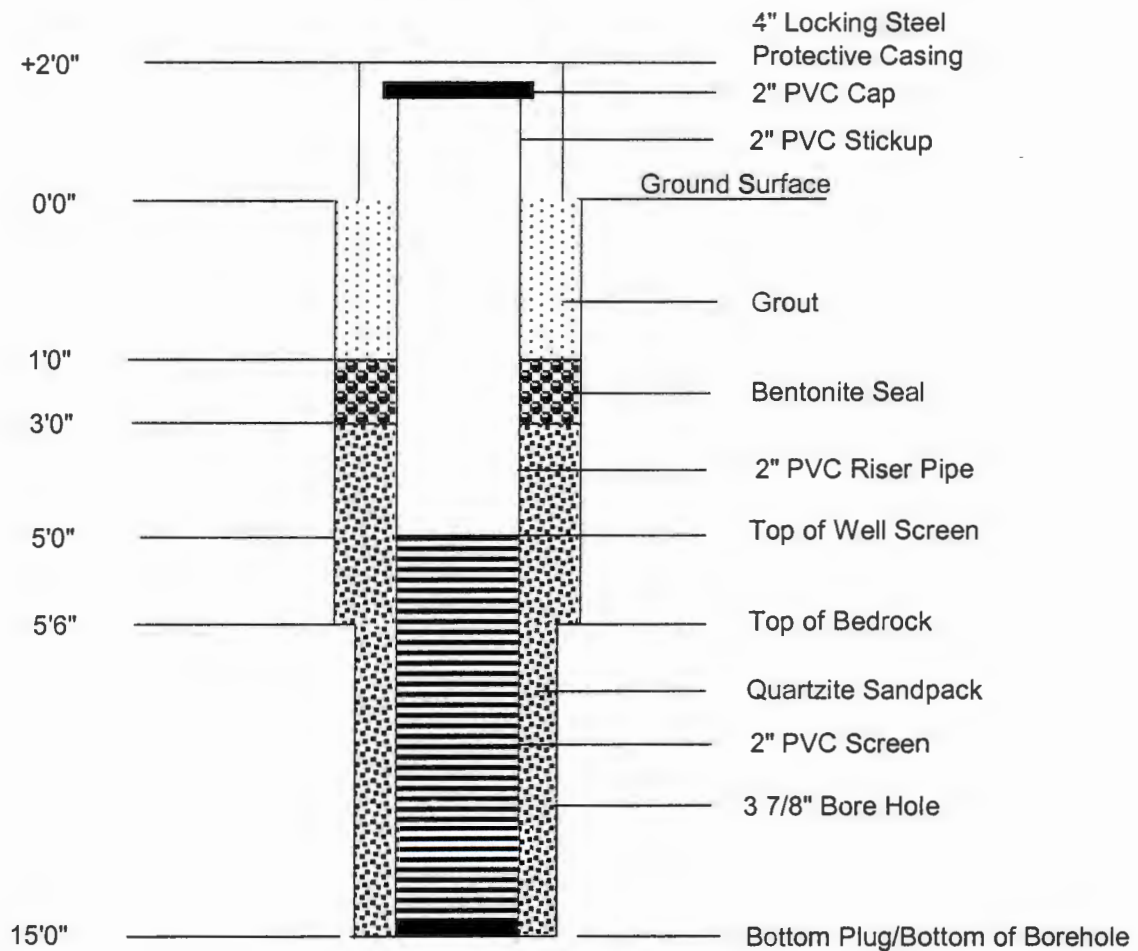
**Figure 7. – Monitoring Well Diagram  
MW-3**



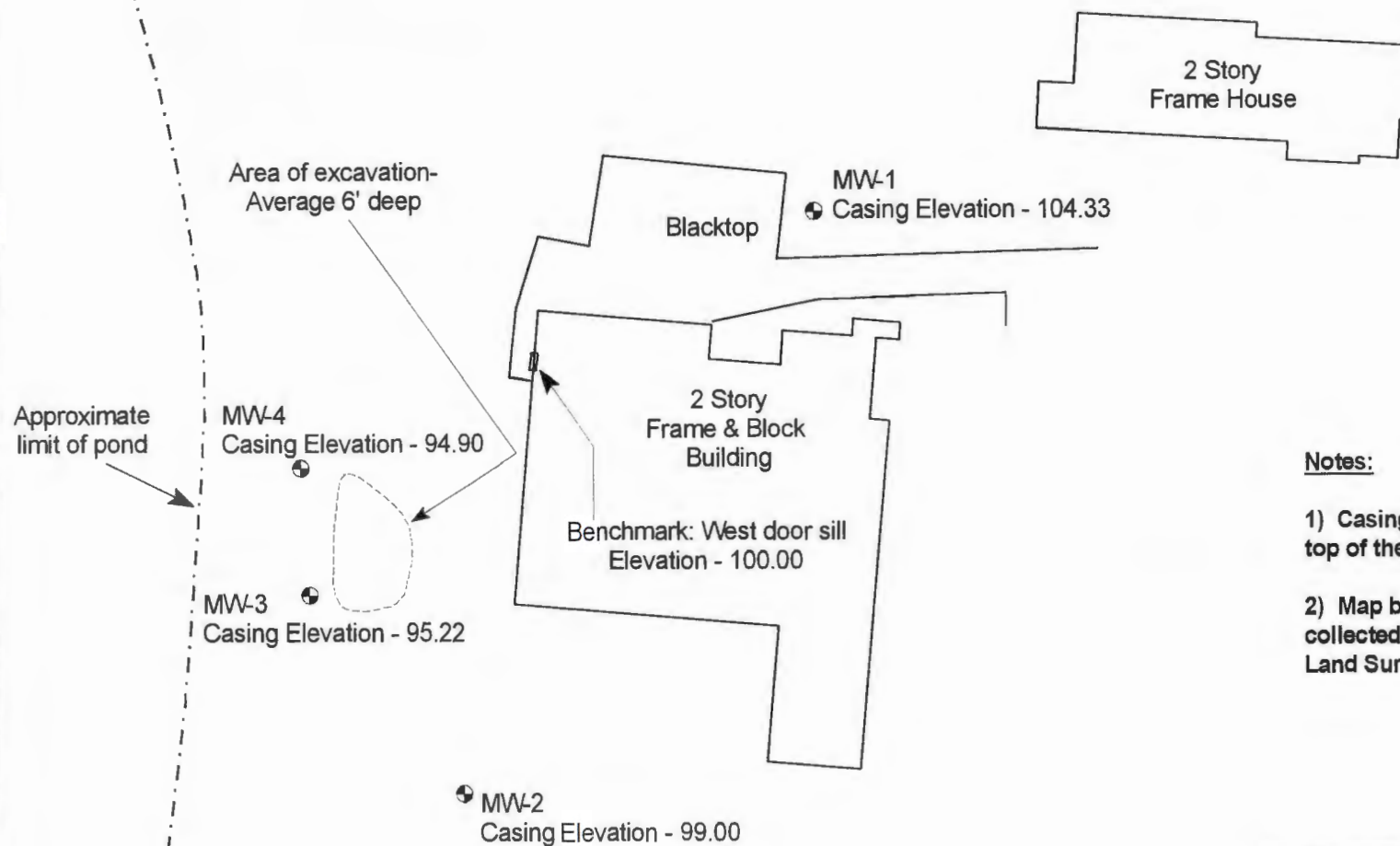
Note: Drawing Not To Scale

SAW Environmental  
Ingelside Machine & Tool  
Farmington, New York  
ND Job #1844

**Figure 8. – Monitoring Well Diagram  
MW-4**



Note: Drawing Not To Scale



**Notes:**

- 1) Casing elevatons are from the top of the 2" PVC casing
- 2) Map based on survey data collected by Edwin A. Summerhays Land Surveyors

**SAW Environmental Services, Inc.**

**Title:** Figure 9.  
Monitoring Well Location/Elevation Map

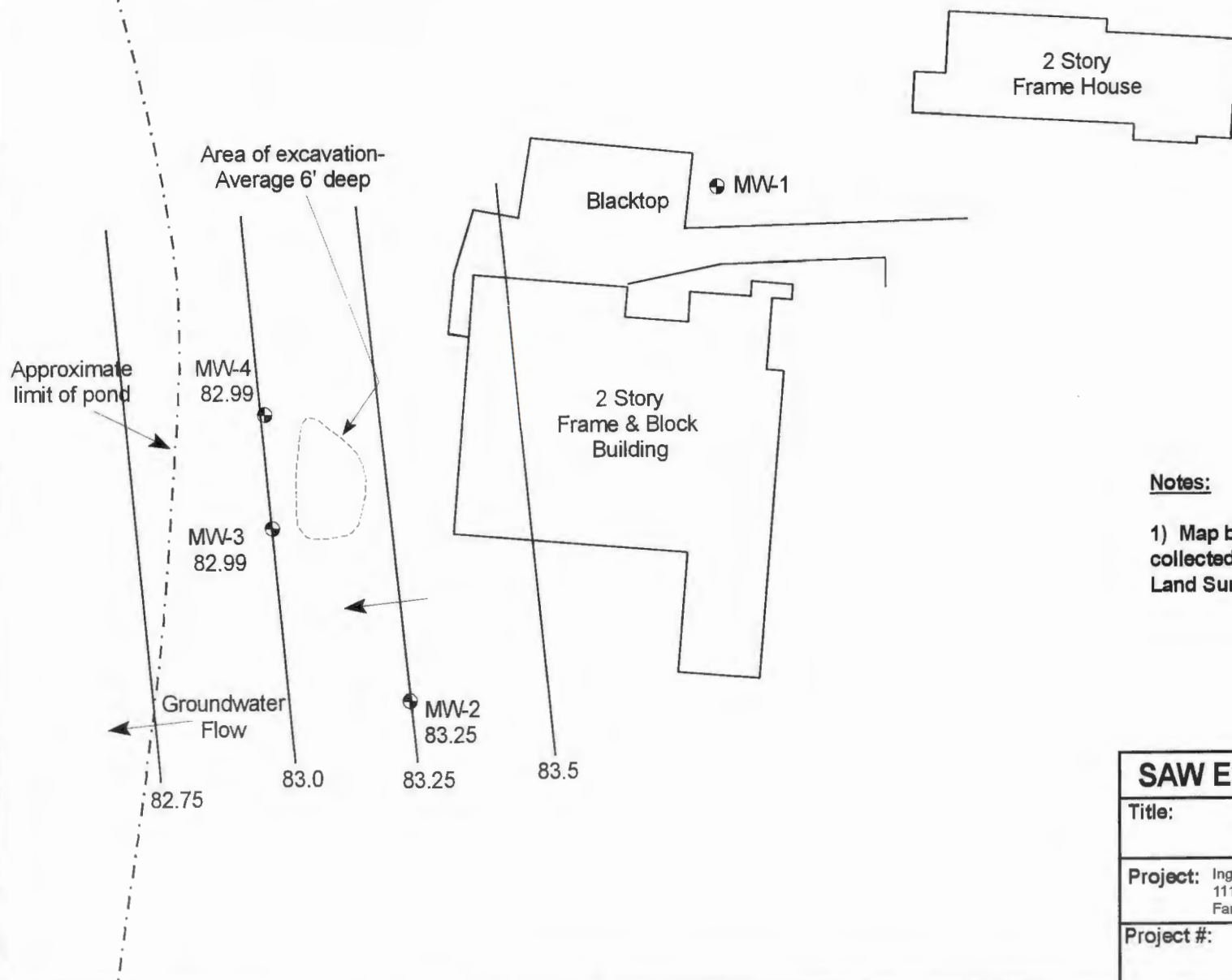
**Project:** Ingleside Machine  
1118 Mertensia Rd.  
Farminton(T), Ontario (C), New York

**Date:**  
10/7/02

**Project #:**

**Scale:**  
1" = 50'

**Drawn by:**  
DKE



**Notes:**

- 1) Map based on survey data collected by Edwin A. Summerhays Land Surveyors

**SAW Environmental Services, Inc.**

**Title:** Figure 10.  
Groundwater Contour Map

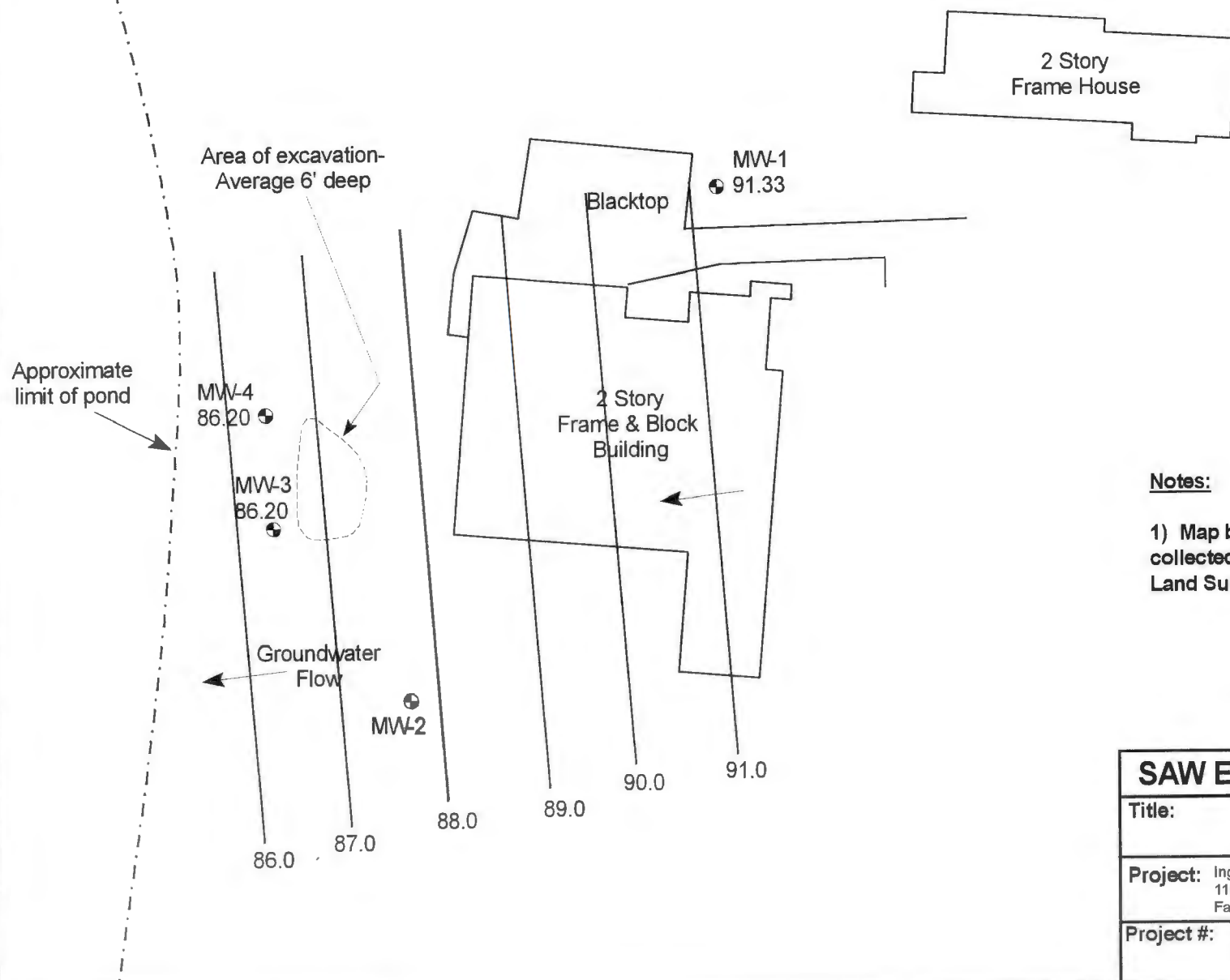
**Project:** Ingleside Machine  
1118 Mertensia Rd.  
Farmington(T), Ontario (C), New York

**Date:**  
10/07/02

**Project #:**

**Scale:**  
1" = 50'

**Drawn by:**  
DKE

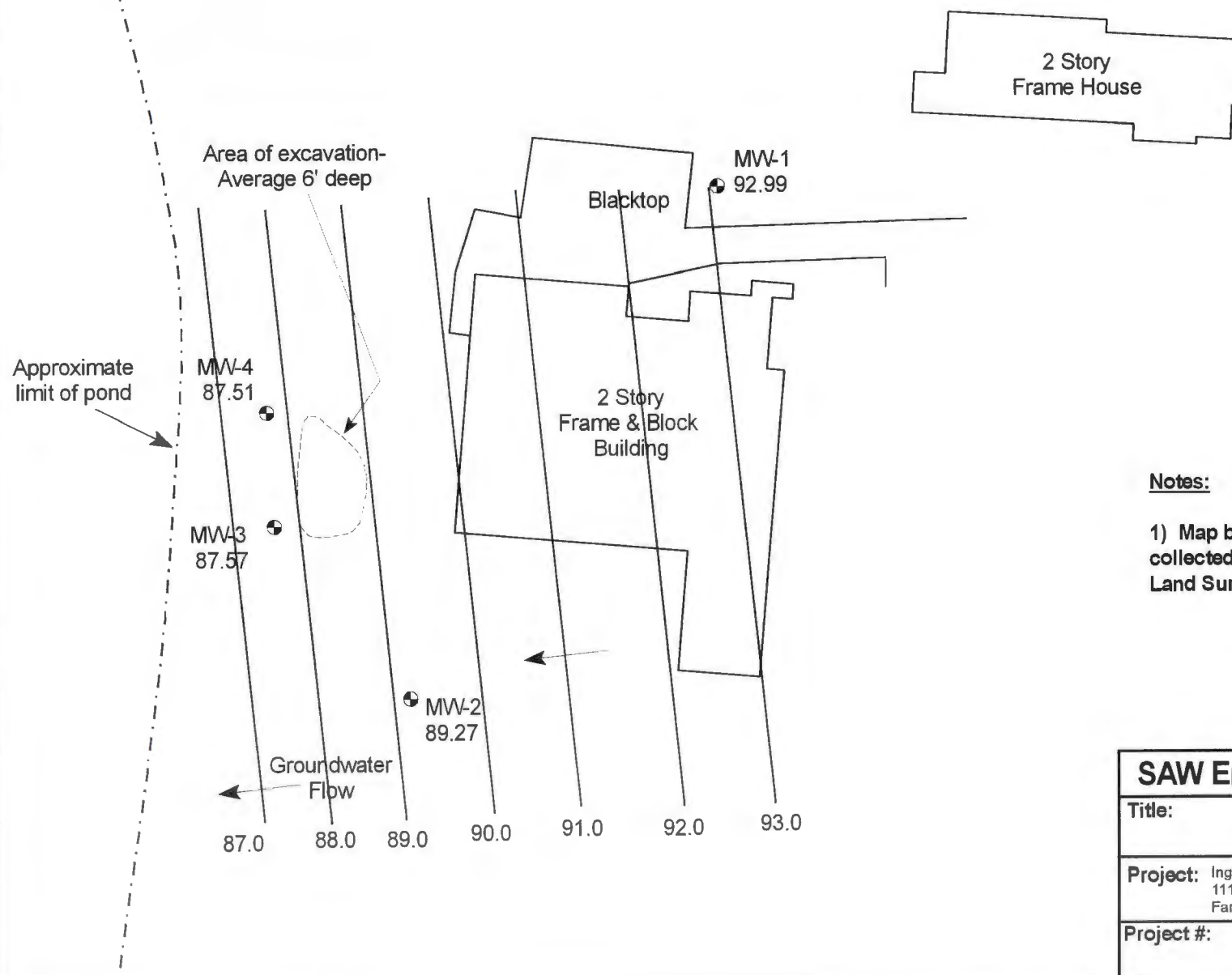


**Notes:**

- 1) Map based on survey data collected by Edwin A. Summerhays Land Surveyors

**SAW Environmental Services, Inc.**

|                                                                                                 |                           |                          |
|-------------------------------------------------------------------------------------------------|---------------------------|--------------------------|
| <b>Title:</b> Figure 11.<br>Groundwater Contour Map                                             |                           |                          |
| <b>Project:</b> Ingleside Machine<br>1118 Mertensia Rd.<br>Farmington(T), Ontario (C), New York |                           | <b>Date:</b><br>01/08/03 |
| <b>Project #:</b>                                                                               | <b>Scale:</b><br>1" = 50' | <b>Drawn by:</b><br>DKE  |



**Notes:**

- 1) Map based on survey data collected by Edwin A. Summerhays Land Surveyors

**SAW Environmental Services, Inc.**

|                                                                                                 |                           |                          |
|-------------------------------------------------------------------------------------------------|---------------------------|--------------------------|
| <b>Title:</b> Figure 12.<br>Groundwater Contour Map                                             |                           |                          |
| <b>Project:</b> Ingleside Machine<br>1118 Mertensia Rd.<br>Farmington(T), Ontario (C), New York |                           | <b>Date:</b><br>05/06/03 |
| <b>Project #:</b>                                                                               | <b>Scale:</b><br>1" = 50' | <b>Drawn by:</b><br>DKE  |

## *Appendix B*

### **Tables**

**Remediation Action Final Report**  
**Former Ingleside Machine Co., Inc.**  
**1118 Mertensia Road, Farmington, New York**  
**Site # V00495**

**Table 1 – Summary of Soil Analysis from Pipe Joints, January 29, 2002**

| <b>Metal Compound</b> | <b>Drain Pipe Joint - 1</b> | <b>Drain Pipe Joint - 2</b> | <b>Drain Pipe Joint - 3</b> | <b>Drain Pipe Joint - 4</b> | <b>Drain Pipe Joint - 5</b> | <b>Drain Pipe Joint -6</b> | <b>Drywell Sludge</b> |
|-----------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|----------------------------|-----------------------|
|                       | Sample ID# 16029--1         | Sample ID# 16029--2         | Sample ID# 16029--3         | Sample ID# 16029--4         | Sample ID# 16029--5         | Sample ID# 16029--6        | Sample ID# 16029--7   |
| Aluminum              | 5660.0 mg/kg                | 4160.0 mg/kg                | 5.17 mg/kg                  | 4100.0 mg/kg                | 6600.0 mg/kg                | 8370.0 mg/kg               | 115300.0 mg/kg        |
| Antimony              | <0.306 mg/kg                | <0.308 mg/kg                | <0.235 mg/kg                | <0.290 mg/kg                | <0.264 mg/kg                | <0.302 mg/kg               | 8.66 mg/kg            |
| Arsenic               | 1.31 mg/kg                  | 1.70 mg/kg                  | 1.95 mg/kg                  | 0.706 mg/kg                 | 2.41 mg/kg                  | 2.09 mg/kg                 | 7.73 mg/kg            |
| Barium                | 32.0 mg/kg                  | 24.10 mg/kg                 | 32.1 mg/kg                  | 24.0 mg/kg                  | 56.7 mg/kg                  | 51.7 mg/kg                 | 3780.0 mg/kg          |
| Beryllium             | 0.255 mg/kg                 | 1.64 mg/kg                  | 0.235 mg/kg                 | 0.155 mg/kg                 | 0.352 mg/kg                 | 0.392 mg/kg                | 2.21 mg/kg            |
| Cadmium               | 0.490 mg/kg                 | 0.421 mg/kg                 | 0.415 mg/kg                 | 0.310 mg/kg                 | 0.694 mg/kg                 | 0.624 mg/kg                | 30.8 mg/kg            |
| Calcium               | 7060.0 mg/kg                | 5680.0 mg/kg                | 8420.0 mg/kg                | 13.9 mg/kg                  | 23.1 mg/kg                  | 15200.0 mg/kg              | 15900.0 mg/kg         |
| Chromium              | 28.0 mg/kg                  | 18.60 mg/kg                 | 14.0 mg/kg                  | 9.81 mg/kg                  | 60.1 mg/kg                  | 154.0 mg/kg                | 7370.0 mg/kg          |
| Cobalt                | 3.60 mg/kg                  | 2.85 mg/kg                  | 3.07 mg/kg                  | 2.97 mg/kg                  | 3.42 mg/kg                  | 3.62 mg/kg                 | 25.1 mg/kg            |
| Copper                | 31.1 mg/kg                  | 54.7 mg/kg                  | 12.8 mg/kg                  | 16.2 mg/kg                  | 32.6 mg/kg                  | 33.0 mg/kg                 | 10100.0 mg/kg         |
| Iron                  | 8840.0 mg/kg                | 7300.0 mg/kg                | 8420.0 mg/kg                | 7310.0 mg/kg                | 10500.0 mg/kg               | 11400.0 mg/kg              | 29200.0 mg/kg         |
| Lead                  | 24.0 mg/kg                  | 12.0 mg/kg                  | 13.4 mg/kg                  | 6.78 mg/kg                  | 115.0 mg/kg                 | 102.0 mg/kg                | 3380.0 mg/kg          |
| Magnesium             | 4210.0 mg/kg                | 3260.0 mg/kg                | 5090.0 mg/kg                | 6500.0 mg/kg                | 12000.0 mg/kg               | 9420.0 mg/kg               | 8740.0 mg/kg          |
| Manganese             | 328.0 mg/kg                 | 296.0 mg/kg                 | 332.0 mg/kg                 | 292.0 mg/kg                 | 289.0 mg/kg                 | 314.0 mg/kg                | 347.0 mg/kg           |
| Nickel                | 7.06 mg/kg                  | 7.63 mg/kg                  | 5.6 mg/kg                   | 5.28 mg/kg                  | 7.88 mg/kg                  | 8.36 mg/kg                 | 761.0 mg/kg           |
| Potassium             | 1440.0 mg/kg                | 982.0 mg/kg                 | 1330.0 mg/kg                | 1320.0 mg/kg                | 1480.0 mg/kg                | 2370.0 mg/kg               | 1650.0 mg/kg          |
| Selenium              | <0.510 mg/kg                | <0.514 mg/kg                | <0.391 mg/kg                | <0.484 mg/kg                | <0.439 mg/kg                | <0.503 mg/kg               | <1.04 mg/kg           |
| Silver                | <0.510 mg/kg                | <0.514 mg/kg                | <0.391 mg/kg                | <0.484 mg/kg                | <0.439 mg/kg                | <0.503 mg/kg               | 13.6 mg/kg            |
| Sodium                | 71.4 mg/kg                  | 71.9 mg/kg                  | <54.8 mg/kg                 | <67.7 mg/kg                 | 127.0 mg/kg                 | <70.4 mg/kg                | 7813.0 mg/kg          |
| Thallium              | 6.36 mg/kg                  | 4.59 mg/kg                  | 6.61 mg/kg                  | 5.07 mg/kg                  | 7.44 mg/kg                  | 8.17 mg/kg                 | 21.9 mg/kg            |
| Vanadium              | 14.7 mg/kg                  | 10.7 mg/kg                  | 12.0 mg/kg                  | 11.0 mg/kg                  | 13.9 mg/kg                  | 17.4 mg/kg                 | 58.1 mg/kg            |
| Zinc                  | 45.1 mg/kg                  | 32.4 mg/kg                  | 24.9 mg/kg                  | 22.5 mg/kg                  | 55.9 mg/kg                  | 61.4 mg/kg                 | 1570.0 mg/kg          |
| Mercury               | 0.10 mg/kg                  | 0.06 mg/kg                  | 0.111 mg/kg                 | 0.076 mg/kg                 | 0.145 mg/kg                 | 0.174 mg/kg                | 1.520 mg/kg           |

N/D=Not detected

Soil Guidance Values are obtained from TAGM 4046 Recommended Soil Cleanup Objectives

**Remediation Action Final Report**  
**Former Ingleside Machine Co., Inc.**  
**1118 Mertensia Road, Farmington, New York**  
**Site # V00495**

**Table 2 – Summary of Excavation Soil Samples, February 12, 2002**

| <b>Metal Compound</b> | <b>South Wall Composite</b> | <b>North Wall Composite</b> | <b>East Wall Composite</b> | <b>West Wall Composite</b> | <b>Base Grab</b>           |
|-----------------------|-----------------------------|-----------------------------|----------------------------|----------------------------|----------------------------|
|                       | <b>Sample ID# 16146--1</b>  | <b>Sample ID# 16146--2</b>  | <b>Sample ID# 16146--3</b> | <b>Sample ID# 16146--4</b> | <b>Sample ID# 16146--5</b> |
| Aluminum              | 8.255 mg/kg                 | 15667 mg/kg                 | 6894.0 mg/kg               | 8492.0 mg/kg               | 7991.0 mg/kg               |
| Antimony              | <0.30 mg/kg                 | 1.29 mg/kg                  | <0.3 mg/kg                 | <0.30 mg/kg                | <0.3 mg/kg                 |
| Arsenic               | 0.816 mg/kg                 | 3.43 mg/kg                  | 1.32 mg/kg                 | 1.04 mg/kg                 | 2.07 mg/kg                 |
| Barium                | 94.98 mg/kg                 | 1061.0 mg/kg                | 76.7 mg/kg                 | 157.0 mg/kg                | 356.0 mg/kg                |
| Beryllium             | 0.155 mg/kg                 | 0.294 mg/kg                 | 0.255 mg/kg                | 0.17 mg/kg                 | 0.33 mg/kg                 |
| Cadmium               | 1.33 mg/kg                  | 1.91 mg/kg                  | 2.36 mg/kg                 | 1.93 mg/kg                 | 1.7 mg/kg                  |
| Calcium               | 3.934 mg/kg                 | 28382.0 mg/kg               | 20196.0 mg/kg              | 15171.0 mg/kg              | 37.773 mg/kg               |
| Chromium              | 279.0 mg/kg                 | 1798.0 mg/kg                | 130.0 mg/kg                | 210.0 mg/kg                | 334.0 mg/kg                |
| Cobalt                | 1.82 mg/kg                  | 2.78 mg/kg                  | 2.88 mg/kg                 | 3.36 mg/kg                 | 3.74 mg/kg                 |
| Copper                | 96.02 mg/kg                 | 275.0 mg/kg                 | 31.8 mg/kg                 | 62.18 mg/kg                | 108.0 mg/kg                |
| Iron                  | 8876.0 mg/kg                | 18829.0 mg/kg               | 11048 mg/kg                | 10498.0 mg/kg              | 15628.0 mg/kg              |
| Lead                  | 8.23 mg/kg                  | 124.0 mg/kg                 | 14.04 mg/kg                | 18.98 mg/kg                | 69.50 mg/kg                |
| Magnesium             | 1928.0 mg/kg                | 12924.0 mg/kg               | 10698.0 mg/kg              | 8853.0 mg/kg               | 21577.0 mg/kg              |
| Manganese             | 42.07 mg/kg                 | 118.3 mg/kg                 | 166.0 mg/kg                | 125.0 mg/kg                | 165.0 mg/kg                |
| Nickel                | 65.91 mg/kg                 | 17.05 mg/kg                 | 9.89 mg/kg                 | 15.23 mg/kg                | 12.4 mg/kg                 |
| Potassium             | 731.0 mg/kg                 | 1191.0 mg/kg                | 809.0 mg/kg                | 1337.0 mg/kg               | 1575.0 mg/kg               |
| Selenium              | <0.50 mg/kg                 | <0.50 mg/kg                 | <0.50 mg/kg                | <0.50 mg/kg                | <0.50 mg/kg                |
| Silver                | <0.50 mg/kg                 | <0.50 mg/kg                 | <0.50 mg/kg                | <0.50 mg/kg                | <0.50 mg/kg                |
| Sodium                | 284.0 mg/kg                 | 171.0 mg/kg                 | <70.0 mg/kg                | <70.0 mg/kg                | 155.0 mg/kg                |
| Thallium              | 6.86 mg/kg                  | 17.2 mg/kg                  | 10.2 mg/kg                 | 6.84 mg/kg                 | 12.2 mg/kg                 |
| Vanadium              | 14.85 mg/kg                 | 13.7 mg/kg                  | 14.1 mg/kg                 | 16.9 mg/kg                 | 17.9 mg/kg                 |
| Zinc                  | 68.61 mg/kg                 | 54.4 mg/kg                  | 60.8 mg/kg                 | 142.0 mg/kg                | 108.0 mg/kg                |
| Mercury               | 0.029 mg/kg                 | 0.092 mg/kg                 | 0.055 mg/kg                | 0.159 mg/kg                | 0.043 mg/kg                |

N/D=Not detected

Soil Guidance Values are obtained from TAGM 4046 Recommended Soil Cleanup Objectives

**Remediation Action Final Report  
Former Ingleside Machine Co., Inc.  
1118 Mertensia Road, Farmington, New York  
Site # V00495**

**Table 3 – Summary of Excavation Soil Samples, January 8, 2003**

| <b>Metal Compound</b> | <b>South Base Composite</b> | <b>North Base Composite</b> | <b>SW Wall Composite</b> | <b>NW Wall Composite</b> |
|-----------------------|-----------------------------|-----------------------------|--------------------------|--------------------------|
|                       | Sample ID# 03-0191-1307     | Sample ID# 03-0191-1308     | Sample ID# 03-0191-1309  | Sample ID# 03-0191-1310  |
| CLP-Cyanide-T         | <1.2 ug/g                   | <1.2 ug/g                   | <1.2 ug/g                | 2.2 ug/g                 |
| Aluminum              | 17,300 ug/g                 | 14,100 ug/g                 | 12,600 ug/g              | 13,300 ug/g              |
| Antimony              | 1.4 ug/g                    | 0.59 ug/g                   | 0.61 ug/g                | 0.70 ug/g                |
| Arsenic               | 0.55 ug/g                   | 0.52 ug/g                   | 0.54 ug/g                | 0.55 ug/g                |
| Barium                | 129 ug/g                    | 59.2 ug/g                   | 140 ug/g                 | 120 ug/g                 |
| Beryllium             | 0.36 ug/g                   | 0.24 ug/g                   | 0.14 ug/g                | 0.17 ug/g                |
| Cadmium               | 0.050 ug/g                  | 0.048 ug/g                  | 0.049 ug/g               | 0.050 ug/g               |
| Calcium               | 69900 ug/g                  | 27,300 ug/g                 | 26,500 ug/g              | 19,900 ug/g              |
| Chromium              | 126 ug/g                    | 27.8 ug/g                   | 48.1 ug/g                | 80.9 ug/g                |
| Cobalt                | 6.4 ug/g                    | 3.6 ug/g                    | 3.18 ug/g                | 4.7 ug/g                 |
| Copper                | 36.5 ug/g                   | 14.7 ug/g                   | 9.5 ug/g                 | 21.2 ug/g                |
| Iron                  | 20,000 ug/g                 | 14,300 ug/g                 | 9,260 ug/g               | 11,400 ug/g              |
| Lead                  | 94.5 ug/g                   | 57.3 ug/g                   | 7.3 ug/g                 | 39.1 ug/g                |
| Magnesium             | 42,800 ug/g                 | 14,500 ug/g                 | 15,700 ug/g              | 11,900 ug/g              |
| Manganese             | 421 ug/g                    | 295 ug/g                    | 197 ug/g                 | 252 ug/g                 |
| Nickel                | 2.3 ug/g                    | 0.24 ug/g                   | 0.25 ug/g                | 0.25 ug/g                |
| Potassium             | 3,290 ug/g                  | 1,110 ug/g                  | 1,320 ug/g               | 1,100 ug/g               |
| Selenium              | 0.62 ug/g                   | 0.59 ug/g                   | 0.61 ug/g                | 0.63 ug/g                |
| Silver                | 0.45 ug/g                   | 0.43 ug/g                   | 0.44 ug/g                | 0.45 ug/g                |
| Sodium                | 245 ug/g                    | 111 ug/g                    | 134 ug/g                 | 109 ug/g                 |
| Thallium              | 0.80 ug/g                   | 0.76 ug/g                   | 0.78 ug/g                | 0.81 ug/g                |
| Vanadium              | 20.6 ug/g                   | 15.5 ug/g                   | 14.1 ug/g                | 16.2 ug/g                |
| Zinc                  | 90.2 ug/g                   | 86.3 ug/g                   | 127 ug/g                 | 120 ug/g                 |
| Mercury               | 0.23 ug/g                   | 0.077 ug/g                  | 0.016 ug/g               | 0.086 ug/g               |

N/D=Not detected

Soil Guidance Values are obtained from TAGM 4046 Recommended Soil Cleanup Objectives

**Remediation Action Final Report  
Former Ingleside Machine Co., Inc.  
1118 Mertensia Road, Farmington, New York  
Site # V00495**

**Table 4 – Summary of Total Chromium Analysis**

| Sample Location | 2/12/02 |       | 3/25/02       | 5/21/02     | 1/08/03 |       |
|-----------------|---------|-------|---------------|-------------|---------|-------|
| North Wall      | 1,798.0 | mg/kg | 2,225.0 mg/kg | 21.1 mg/kg  | NA      |       |
| South Wall      | 279.0   | mg/kg | 80.5 mg/kg    | 52.3 mg/kg  | NA      |       |
| East Wall       | 130.0   | mg/kg | 22.7 mg/kg    |             | NA      |       |
| (North)         | NA      |       | NA            | 88.4 mg/kg  | NA      |       |
| (South)         | NA      |       | NA            | 99.4 mg/kg  | NA      |       |
| West Wall       | 210.0   | mg/kg | 85.6 mg/kg    |             | NA      |       |
| (North)         | NA      |       | NA            | 161 mg/kg   | 80.9    | mg/kg |
| (South)         | NA      |       | NA            | 167 mg/kg   | 48.1    | mg/kg |
| Bottom          | 334.0   | mg/kg | 135.0 mg/kg   |             |         |       |
| (North)         | NA      |       | NA            | 47.9 mg/kg  | 27.8    | mg/kg |
| (Center)        | NA      |       | NA            | 113.0 mg/kg |         |       |
| (South)         | NA      |       | NA            | 64.5 mg/kg  | 126.0   | mg/kg |

N/D=Not detected

Soil Guidance Values are obtained from TAGM 4046 Recommended Soil Cleanup Objectives

**Remediation Action Final Report**  
**Former Ingleside Machine Co., Inc.**  
**1118 Mertensia Road, Farmington, New York**  
**Site # V00495**

**Table 5 – Summary of Volatile Organic Analysis (EPA Method 8021), Fuel Oil Tank Excavation, January 29, 2002**

| Constituent            | North Wall<br>(ppb or<br>ug/kg) | South Wall<br>(ppb or<br>ug/kg) | East Wall<br>(ppb or<br>ug/kg) | West Wall<br>(ppb or<br>ug/kg) | Base<br>(ppb or<br>ug/kg) | TAGM 4046 Rec. Soil<br>Cleanup Objectives |
|------------------------|---------------------------------|---------------------------------|--------------------------------|--------------------------------|---------------------------|-------------------------------------------|
| Benzene                | N/D                             | N/D                             | N/D                            | N/D                            | N/D                       | 60                                        |
| n-Butylbenzene         | N/D                             | N/D                             | N/D                            | N/D                            | N/D                       | 10,000                                    |
| sec-Butylbenzene       | N/D                             | N/D                             | N/D                            | N/D                            | N/D                       | 10,000                                    |
| tert-Butylbenzene      | N/D                             | N/D                             | N/D                            | N/D                            | N/D                       | 10,000                                    |
| Ethylbenzene           | 4.2                             | N/D                             | N/D                            | N/D                            | N/D                       | 5,500                                     |
| n-Propylbenzene        | N/D                             | N/D                             | N/D                            | N/D                            | N/D                       | 3,700                                     |
| Isopropylbenzene       | N/D                             | N/D                             | N/D                            | N/D                            | N/D                       | 2,300                                     |
| p-Isopropyltoluene     | N/D                             | N/D                             | N/D                            | N/D                            | N/D                       | 10,000                                    |
| Naphthalene            | N/D                             | N/D                             | N/D                            | N/D                            | N/D                       | 13,000                                    |
| Toluene                | 11.9                            | 6.6                             | 11.2                           | 8.0                            | 8.7                       | 1,500                                     |
| 1,2,4-Trimethylbenzene | N/D                             | N/D                             | 4.2                            | N/D                            | N/D                       | 10,000                                    |
| 1,3,5-Trimethylbenzene | N/D                             | N/D                             | N/D                            | N/D                            | N/D                       | 3,300                                     |
| m,p-Xylene             | N/D                             | N/D                             | 12.0                           | N/D                            | N/D                       | 1,200 (Mixed)                             |
| o-Xylene               | N/D                             | N/D                             | 4.2                            | N/D                            | N/D                       |                                           |
| MTBE                   | N/D                             | N/D                             | N/D                            | N/D                            | N/D                       | 120                                       |

N/D=Not detected

Soil Guidance Values are obtained from TAGM 4046 Recommended Soil Cleanup Objectives

**Remediation Action Final Report  
Former Ingleside Machine Co., Inc.  
1118 Mertensia Road, Farmington, New York  
Site # V00495**

**Table 6 – Summary of Metals Analysis in Groundwater**

| Compound      | MW1        |      |            |      | MW2         |      |            |      | MW3         |      |            |      | MW4         |      |            |      |
|---------------|------------|------|------------|------|-------------|------|------------|------|-------------|------|------------|------|-------------|------|------------|------|
|               | 10/07/2002 |      | 01/08/2003 |      | 10/07/2002  |      | 01/08/2003 |      | 10/07/2002  |      | 01/08/2003 |      | 10/07/2002  |      | 01/08/2003 |      |
| Method >>>    | No Water   |      | Low Flow   |      | Peristaltic |      | Low Flow   |      | Peristaltic |      | Low Flow   |      | Peristaltic |      | Low Flow   |      |
| CLP-Cyanide-T | N/A        | ug/L | <10        | ug/L |             | ug/L | <10        | ug/L |             | ug/L | <10        | ug/L |             | ug/L | <10        | ug/L |
| Aluminum      | N/A        | ug/L | 1,690      | ug/L | 41,200.00   | ug/L | 125        | ug/L | 3,410.00    | ug/L | 86.3       | ug/L | 929.00      | ug/L | 12.8       | ug/L |
| Antimony      | N/A        | ug/L | 25         | ug/L | <60.0       | ug/L | 2.5        | ug/L | <60         | ug/L | 2.5        | ug/L | <60         | ug/L | 2.5        | ug/L |
| Arsenic       | N/A        | ug/L | 2.2        | ug/L | 16.00       | ug/L | 2.2        | ug/L | <5.0        | ug/L | 2.2        | ug/L | <5.0        | ug/L | 2.2        | ug/L |
| Barium        | N/A        | ug/L | 366        | ug/L | 583.00      | ug/L | 398        | ug/L | 496.00      | ug/L | 485        | ug/L | 368.00      | ug/L | 431        | ug/L |
| Beryllium     | N/A        | ug/L | 0.10       | ug/L | <5.0        | ug/L | 0.10       | ug/L | <5.0        | ug/L | 0.10       | ug/L | <5.0        | ug/L | 0.10       | ug/L |
| Cadmium       | N/A        | ug/L | 0.20       | ug/L | <5.0        | ug/L | 0.20       | ug/L | <5.0        | ug/L | 0.20       | ug/L | <5.0        | ug/L | 0.20       | ug/L |
| Calcium       | N/A        | ug/L | 82,000     | ug/L | 330,000.00  | ug/L | 111,000    | ug/L | 132,000     | ug/L | 119,000    | ug/L | 124,000     | ug/L | 121,000    | ug/L |
| Chromium      | N/A        | ug/L | 16.4       | ug/L | 49.00       | ug/L | 3.6        | ug/L | <10         | ug/L | 4.6        | ug/L | <10         | ug/L | 4.6        | ug/L |
| Cobalt        | N/A        | ug/L | 1.0        | ug/L | 20.00       | ug/L | 1.0        | ug/L | <10         | ug/L | 1.0        | ug/L | <10         | ug/L | 1.0        | ug/L |
| Copper        | N/A        | ug/L | 4.9        | ug/L | 38.00       | ug/L | 3.8        | ug/L | <10         | ug/L | 3.4        | ug/L | <10         | ug/L | 1.4        | ug/L |
| Iron          | N/A        | ug/L | 1,800      | ug/L | 39,600.00   | ug/L | 145        | ug/L | 4,080.00    | ug/L | 99.4       | ug/L | 1,110.00    | ug/L | 1010       | ug/L |
| Lead          | N/A        | ug/L | 1.3        | ug/L | 31.00       | ug/L | 1.3        | ug/L | 6.00        | ug/L | 1.3        | ug/L | <5.0        | ug/L | 1.3        | ug/L |
| Magnesium     | N/A        | ug/L | 32,800     | ug/L | 169,000.00  | ug/L | 44,100     | ug/L | 62,800      | ug/L | 56,600     | ug/L | 44,900      | ug/L | 50,500     | ug/L |
| Manganese     | N/A        | ug/L | 27.4       | ug/L | 757.00      | ug/L | 4.4        | ug/L | 128.00      | ug/L | 69.2       | ug/L | 25.00       | ug/L | 33.3       | ug/L |
| Nickel        | N/A        | ug/L | 9.9        | ug/L | 58.00       | ug/L | 2.2        | ug/L | <40         | ug/L | 1.4        | ug/L | <40         | ug/L | 1.5        | ug/L |
| Potassium     | N/A        | ug/L | 4,600      | ug/L | 24,400.00   | ug/L | 9,160      | ug/L | 6,780.00    | ug/L | 8,540      | ug/L | 1,790.00    | ug/L | 2,430      | ug/L |
| Selenium      | N/A        | ug/L | 2.5        | ug/L | <0.50       | ug/L | 2.5        | ug/L | <5.0        | ug/L | 2.5        | ug/L | <5          | ug/L | 2.5        | ug/L |
| Silver        | N/A        | ug/L | 1.8        | ug/L | <10         | ug/L | 1.8        | ug/L | <10         | ug/L | 1.8        | ug/L | <10         | ug/L | 1.8        | ug/L |
| Sodium        | N/A        | ug/L | 31,100     | ug/L | 28,800.00   | ug/L | 52,100     | ug/L | 91,000      | ug/L | 47,400     | ug/L | 80,400      | ug/L | 51,600     | ug/L |
| Thallium      | N/A        | ug/L | 5.1        | ug/L | <6.0        | ug/L | 5.4        | ug/L | <6.0        | ug/L | 3.8        | ug/L | <6.0        | ug/L | 3.7        | ug/L |
| Vanadium      | N/A        | ug/L | 3.1        | ug/L | 67.00       | ug/L | 3.1        | ug/L | <10         | ug/L | 3.1        | ug/L | <10         | ug/L | 3.1        | ug/L |
| Zinc          | N/A        | ug/L | 0.50       | ug/L | 124.00      | ug/L | 0.50       | ug/L | <20         | ug/L | 0.50       | ug/L | <20         | ug/L | 0.50       | ug/L |
| Mercury       | N/A        | ug/L | 0.026      | ug/L | 0.40        | ug/L | 0.013      | ug/L | <0.20       | ug/L | 0.013      | ug/L | <0.20       | ug/L | 0.013      | ug/L |

N/D=Not detected

Soil Guidance Values are obtained from TAGM 4046 Recommended Soil Cleanup Objectives

**Remediation Action Final Report  
Former Ingleside Machine Co., Inc.  
1118 Mertensia Road, Farmington, New York  
Site # V00495**

**Table 7 – Low Flow Groundwater Sampling Data, January 8, 2003**

| MW-1             |              | MW-2             |              | MW-3             |              | MW-4             |              |
|------------------|--------------|------------------|--------------|------------------|--------------|------------------|--------------|
| Depth to Water   | 13.0'        | Depth to Water   | 12.8'        | Depth to Water   | 9.02'        | Depth to Water   | 8.84'        |
| Depth of Well    | 14.6'        | Depth of Well    | 14.6'        | Depth of Well    | 14.6'        | Depth of Well    | 14.6'        |
| Water Column     | 1.6'         | Water Column     | 1.8'         | Water Column     | 5.58'        | Water Column     | 5.76'        |
| Extraction Depth | 13.5'        | Extraction Depth | 13.4'        | Extraction Depth | 13.0'        | Extraction Depth | 12.0'        |
| NTU              | Time Stamp   | NTU              | Time Stamp   | NTU              | Time Stamp   | NTU              | Time Stamp   |
| 9.96             | 12:56        | 8.45             | 10:33        | 25.7             | 11:47        | 38.82            | 10:46        |
| 16.9             | 12:59        | 6.7              | 10:36        | 12.5             | 11:54        | 12.05            | 10:56        |
| 24               | 13:04        | 5.94             | 10:39        | 7.23             | 11:58        | 10.2             | 11:03        |
| 117              | 13:15        | 6.09             | <b>10:42</b> | 5.53             | 12:01        | 8.4              | 11:08        |
| 194              | 13:18        | 4.06             | 11:01        | 4.74             | 12:05        | 5.9              | 11:13        |
| 233              | 13:26        |                  |              | 5.28             | 12:11        | 4.6              | 11:18        |
| 231              | 14:04        |                  |              | 2.86             | <b>12:18</b> | 5.01             | 11:22        |
| 107.5            | 14:56        |                  |              |                  |              | 3.64             | 11:25        |
| 170              | 14:59        |                  |              |                  |              | 3.61             | 11:28        |
| 60.8             | 15:03        |                  |              |                  |              | 2.63             | <b>11:29</b> |
| 37.5             | 15:05        |                  |              |                  |              | 1.89             | <b>11:48</b> |
| 38.1             | 15:08        |                  |              |                  |              | 0.7              | 11:58        |
| 26.3             | 15:10        |                  |              |                  |              |                  |              |
| 31.5             | 15:13        |                  |              |                  |              |                  |              |
| 27.9             | 15:15        |                  |              |                  |              |                  |              |
| 33.6             | 15:19        |                  |              |                  |              |                  |              |
| 80.8             | <b>15:49</b> |                  |              |                  |              |                  |              |

**Note: Bold denotes time of sampling**

N/D=Not detected

Soil Guidance Values are obtained from TAGM 4046 Recommended Soil Cleanup Objectives

*Appendix C*

**Interim Remedial Work Plan  
& NYSDEC Approval Correspondence**

**INTERIM REMEDIAL MEASURE WORK PLAN**

**FORMER INGLESIDE MACHINE SHOP**

**1118 MERTENSIA ROAD**

**FARMINGTON, NEW YORK**

**NYSDEC SITE #V00495-8**

**By**

**S.A.W. ENVIRONMENTAL SERVICES, INC.**

**For**

**INGLESIDE MACHINE CO., INC.**

**November 29, 2001**

November 29, 2001

Mr. Todd Caffoe  
NYS Department of Environmental Conservation  
Division of Environmental Remediation, Region 8  
6274 East Avon-Lima Road  
Avon, New York 14414-9519

Subject: Interim Remedial Measure Work Plan  
Site # V00495-8  
Former Ingleside Machine Shop  
1118 Mertensia Road  
Farmington (T)

## **1.0 INTRODUCTION**

On behalf of Ingleside Machine Co., Inc. (IMC), Soil Air Water Environmental Services, Inc. (SAW) is pleased to submit this Interim Remedial Measure (IRM) Work Plan for the removal and closure of a Class V Underground Injection Control (UIC) Well, Type 5W20 and one 1,000-gallon, heating oil Underground Storage Tank (UST) at the above referenced site. The proposed work is to be completed in accordance with the terms set forth in the Voluntary Cleanup Agreement for the former Ingleside Machine Co. filed with your office.

The proposed IRM has two objectives. The primary objective is to remove both the UIC (dry well) and the 1,000-gallon UST. The secondary objective is to remove all obtainable contaminated soil located at the above referenced site. The proposed IRM work plan has been developed in response to laboratory analytical results indicating elevated concentrations of chromium in groundwater collected near the subject drywell and solid waste collected from the drywell's influent pipe.

This IRM Work Plan addresses your comments on the Dry Well Closure Plan developed by SAW (dated 1/16/01 to J. Kushwara, USEPA), that briefly summarizes the site history, processes/operations that were employed at the site between the years 1969 through 1996, and presents the tasks necessary to remediate potentially contaminated soil at the site.

## 2.0 SITE BACKGROUND

During the years 1969 through 1984 operations at Ingleside Machine Co. (IMC) consisted of sheet metal, mill and lathe work. Cutting oils used in these processes were hand applied using oilcans. Bison Waste Oil Company collected the spent cutting oil.

In the summer of 1985, Ingleside began to chrome-plate aluminum at 1118 Mertensia Road. Prior to 1985, all of their plating work was subcontracted. A dry well was installed in the summer of 1985 to dispose of rinse water generated by the plating operation. Yellow Iridite was used in the aluminum plating process. Yellow Iridite is a coating containing chromium.

Upstate Laboratories Inc. reported the analytical results of water samples taken from the sequence of rinse tanks used in the plating and tumbling processes. The analytical reports are dated June 11, 1987 and July 2, 1987. Results exhibited exceedances of NYSDEC water quality regulations. Due to exceedances, the EPA requested that the use of the dry well be discontinued. Upstate Laboratories analytical reports are included in *Appendix A*.

IMC responded to EPA's request, and in the fall of 1987 an internal, closed loop water treatment system was installed to treat the rinse water. The newly installed system treated and recycled rinse water with zero discharge to the environment. Solid waste was collected in the recycling process. An average of two 55-gallon drums of solid waste was disposed of properly on an annual basis via an EPA ID#.

IMC moved all operations to their current location at 1120 Hook Road in the Town of Farmington in 1996. The subject property has been for sale and vacant since 1996.

## 3.0 THE DRY WELL

### 3.1 Dry Well Construction

Neither construction diagrams nor piping schematics for the dry well exist. However, as per the recollections of IMC employees, the dry well consists of a 55-gallon drum located approximately one foot below ground surface (bgs). The drum has ½-inch perforations covering its entire surface area. The drum contains 1-inch diameter limestone gravel.

There was a stainless steel UST connected to the dry well by solid, 4-inch, PVC pipe. The approximate dimensions of this tank were 2 ft. X 4 ft. X 3 ft. The tank served as a residue collection basin. This tank

was removed after IMC discontinued the use of the dry well and was disposed of. The residue contained by this tank was emptied into an evaporator that was part of the closed loop, rinse water treatment system.

### 3.2 Dry Well Operating Data

The average daily rate of discharge was approximately 100 gallons. The maximum daily discharge was approximately 200 gallons.

Average monthly discharge was approximately 2000 gallons. The maximum monthly discharge was approximately 4000 gallons.

Three 200-gallon cold-water rinse tanks, one 120-gallon hot water rinse tank and one 30-gallon tumbler were the sources of discharge.

The following fluids entered the well: alkaline soap, caustic soda, desmutter, Iridite 14-2, nitric acid, and water. The rinse tanks were responsible for approximately 75% of the discharge. The tumbler was responsible for the remaining 25%.

All wastewaters were treated prior to discharge. The pH of the rinse-water in each tank was adjusted to approximately 7.0. The pH was adjusted by addition of either caustic soda or nitric acid. Sodium metabisulfate was added to the rinse tanks to react with chromium changing it from the toxic form Cr+6 to the non-toxic Cr+3.

### 3.3 Dry Well Location

The dry well is located on property owned by Dr. Laksman Prasad and others, which is immediately adjacent to 1118 Mertensia Road to the north and west. The dry well exists approximately 38 feet off the west, rear corner of the Frame Barn at 1118 Mertensia Road. The dry well lies within the 100-foot buffer area of NYS freshwater wetland CG-6. However, the buffer area is not deemed as wetland habitat as per NYSDEC Region 8 Bureau of Wildlife.

Refer to the site map included at the end of this Work Plan.

### 3.4 Surrounding Soil Type

According to the Ontario County Soil Survey on site soils include both Farmington Loam and Honeoye Fine Sandy Loam. The Farmington Series soils consist of well drained, slightly acid medium-textured soils ranging from 12 to 36 inches deep over limestone bedrock. Farmington Series soils are derived principally from limestone.

Honeoye Series soils are also well drained medium textured soils developed in very high lime glacial till.

These soils are not on the NYS Hydric Soils List.

### 4.0 SUMMARY OF PREVIOUS INVESTIGATIONS

Leader Environmental, Inc. (Leader), the environmental consultant for a prospective buyer of the above referenced property collected a sample of sludge from a pipe discharging into the dry well On December 1, 2000. Paradigm Environmental Services, Inc. analyzed the sample for total chromium using EPA Methods 3050 and 6010 found in Standard Methods for the Analysis of Solid Waste ("SW 846"). Chromium was detected in this sample at a concentration of 5,714 mg/kg or parts per million (ppm). (Reference Laboratory Analytical Reports, *Appendix B*).

Leader advised their client to obtain a groundwater sample from the vicinity of the dry well. SAW was retained by IMC to install a 3/4-inch piezometer well to approximately ten feet below ground surface (bgs) and collect the groundwater sample Leader recommended.

The groundwater sample was collected on December 19, 2000. Paradigm Environmental Services, Inc. analyzed the sample for total chromium by EPA Methods 3050 and 6010. Results exhibited chromium present in the sample at a concentration of 1.75 mg/L or ppm (17,500 ug/L or parts per billion). (Reference Laboratory Analytical Reports, *Appendix C*). The water quality standard for chromium is 50.0 ppb. This standard is found in the NYSDEC Water Quality Regulations Surface Water and Groundwater Classifications and Standards, NYS Codes, Rules and Regulations Title 6, Chapter X Parts 700-705.

On January 3, 2001 SAW collected a sample of sludge from the pipe entering the dry well for laboratory analysis to determine exactly which contaminants may have leached into the surrounding environment. The sample was submitted to Lozier analytical group for full RCRA waste characterization using the Toxicity Leaching Characteristic Procedure TCLP plus the direct analysis for PCBs using EPA Method 8080.

Lozier Analytical Group detected no volatile organic compounds (VOCs) or semi-volatile organic compounds (SVOCs) above laboratory detection limits from the sample leachate. No PCBs were detected above laboratory detection limits. Chromium was detected in the sample leachate at a concentration of 1.90 ppm and cadmium was detected at a concentration of 2.45 ppm. (Reference Laboratory Analytical Reports, *Appendix D*).

## 5.0 **PROPOSED IRM WORK PLAN**

The following IRM proposes work to complete two objectives. The primary objective is to remove both the dry well and the 1,000-gallon UST. The secondary objective is to remove all obtainable contaminated soil located at the site.

SAW anticipates that the contaminant of concern in the soils surrounding the dry well may be Chromium III. Chromium is known to be carcinogenic. According to the Agency For Toxic Substances And Disease Registry (ATSDR), "When chromium enters the environment"<sup>1</sup> "Chromium can strongly attach to soil and only a small amount can dissolve in water and move deeper in the soil to underground water."

Chromium could have entered the environment at the site in the forms Chromium III and Chromium VI, which are both used in the plating industry. However, most Chromium VI in soil is reduced to Chromium III, which is the stable form of chromium in soil and less toxic than Chromium VI. Soil organic matter and Iron II minerals donate the electrons that drive this reduction reaction. This reaction is slow in the presence of organic matter and normal environmental temperatures, but the rate of reaction increases with decreasing soil pH. According to the Ontario County Soil Survey, soils at the site are slightly acidic which may have furthered the reduction reaction.

### **OBJECTIVE 1. Removal of Dry Well and 1,000 UST**

#### **A. Dry Well Removal**

- Silt fence will be installed down slope of the dry well. This erosion control device will be installed prior to beginning the project.
- The dry well and associated piping will be uncovered then removed with a mini-excavator.
- The contents of the dry well and associated piping will be staged in a lined roll-off container and covered pending future disposal.

---

<sup>1</sup> Agency For Toxic Substances And Disease Registry (ATSDR) <http://www.atsdr.cdc.gov/tfacts7.html> (page 2), What happens to chromium when it enters the environment?

- The perforated steel drum (dry well) and PVC piping will be staged in a lined roll-off container and covered for future disposal.
- Collect two soil samples from the immediate vicinity of the dry well (one base sample and one sidewall sample). Soil samples will be collected from the vicinity of each pipe connection on the influent pipe (est. five soil samples) to evaluate the impact of any leaks.

Each soil sample will be collected for laboratory analysis for the following: TAL Metals w/cyanide using EPA Method 6010B, TCL VOCs using EPA Method 8260, TCL SVOCs using EPA Method 8270 BNAE and PCBs using EPA Method 8080.

Soil samples will be submitted to Lozier Laboratories, Inc. located at 5611 Water Street, Middlesex, New York for laboratory analysis. Lozier Laboratories is a NYSDOH ELAP-certified laboratory.

- Temporary decontamination facilities will be constructed to decontaminate heavy equipment via pressure washing. Rinse water will be collected and staged in 55-gallon drums.
- If significant or obvious dust becomes evident, then based on concurrence of all parties community monitoring will be implemented.

#### **B. UST Removal**

The subject UST is empty. SAW does not anticipate encountering groundwater during the tank removal.

- Uncover the UST with a mini excavator.
- Pressure-wash the interior of the UST and drum the rinse water.
- Inert the tank atmosphere with carbon dioxide gas.
- Remove the tank.
- Decommission and clean the tank.
- Dispose of tank bottom sludge and rinse water.
- Transport the tank to a licensed scrap yard.
- Meter the headspace of tank pit soils for the presence of petroleum vapors using a photoionization detector (PID).
- Collect one soil sample from the tank pit base and one soil sample from each sidewall for confirmation purposes.

- Submit the samples to Lozier Laboratories for the following analysis: VOCs using EPA Method 8021 plus MTBE and SVOCs using EPA Method 8270.
- Decontaminate heavy equipment using a pressure washer and collect all rinse water for future disposal.

**OBJECTIVE 2 Removal of Contaminated Soil**

- Approximately 15 cubic yards or one full roll-off container of soil will be excavated from the vicinity of the dry well if analytical results warrant excavation activity. Excavation sidewall stability has not been evaluated. SAW anticipates that excavation limits will be minimal. Should the excavation reach a point where engineering controls are warranted, work will stop and the proper engineering controls will be implemented.
- Confirmation samples will be collected from the base and side walls of the excavation. The soil samples will be submitted to Lozier Laboratories to be analyzed for those parameters detected in Objective 1.
- Excavation will continue in 15 cubic yard intervals until base and sidewall analytical results meet the regulatory standards set forth in the NYSDEC Technical and Administrative Guidance Memorandum 4046 (TAGM 4046), or until removal is no longer prudent.
- Upon obtaining favorable analytical results, 20 % of the favorable samples will be reanalyzed for cleanup confirmation using DEC ASP B reporting level.
- SAW does not anticipate encountering groundwater during excavation activities. Although groundwater was collected from the piezometer for laboratory analysis in December 2000, as of October 2001 the piezometer was dry. However, if groundwater is present in the excavation, a sample will be collected and analyzed for the parameters detected in Objective 1.
- All excavated soil will be staged in a watertight roll-off container and covered. Soil will be profiled for future landfill disposal.
- The excavation will be backfilled with bank run gravel, then compacted and mulched until proper grass seeding of the disturbed area can be completed.

6.0 SCHEDULE

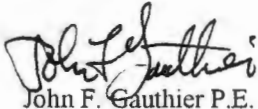
IMC would like to initiate work on this project as soon as possible pending your approval of this IRM. SAW is prepared to begin work the week of December 10, 2001. We appreciate whatever efforts your department can make to expedite the review of this IRM.

*This Work Plan prepared by:*

S.A.W. ENVIRONMENTAL SERVICES, INC.



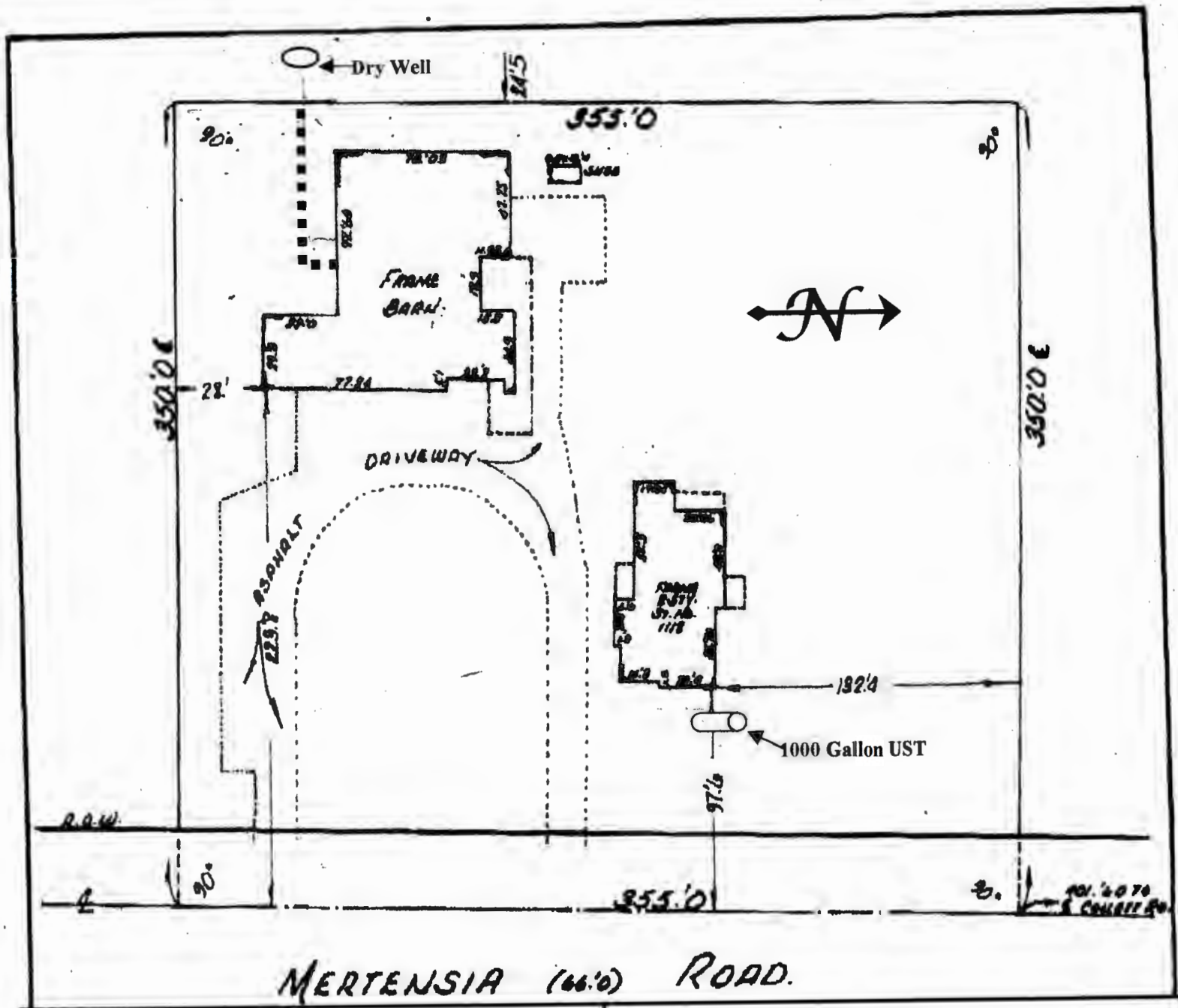
Glenn White  
Project Manager



John F. Gauthier P.E.  
Consulting Engineer

c.c. Mr. John Kushwara, EPA.





SAW Environmental Services, Inc.  
 81 O'Connor Road  
 Fairport, New York  
 November 27, 2001      Map not to scale

Site Map  
 Former Ingleside Machine Co.  
 1118 Mertensia Road  
 Farmington, New York

## PROJECT ORGANIZATION

Project Manager.....Glenn White  
Consulting Engineer .....John Gauthier  
Environmental Analyst.....Frank Thomas  
Quality Assurance Officer.....Michael Capacci  
Field Analyst.....Toby Thomas

## **APPENDIX A**

### **Upstate Laboratories Analytical Reports**

UPSTATE LABORATORIES, INC.

Analysis Results  
Report Number 061187006  
Date: June 11, 1987

| CLIENT I.D.<br>Ingleside Machine Co., Inc. | Cold<br>Water<br>Rinse<br>Tank #1 | Cold<br>Water<br>Rinse<br>Tank #2 | Cold<br>Water<br>Rinse<br>Tank #3 | Hot<br>Water<br>Rinse<br>Tank #4 |
|--------------------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|----------------------------------|
| ULI I.D.                                   | 13987023                          | 13987024                          | 13987025                          | 13987026                         |
| pH *                                       | 9.7                               | <2                                | 6.7                               | 7.9                              |
| Fluoride                                   | 19                                | 1700                              | 47                                | 6.2                              |
| <u>TOTAL:</u>                              |                                   |                                   |                                   |                                  |
| Arsenic                                    | 0.22                              | 1.2                               | 0.016                             | 0.002                            |
| Barium                                     | <0.3                              | <0.3                              | 1.1                               | 0.9                              |
| Cadmium                                    | 0.10                              | 0.066                             | 0.005                             | <0.005                           |
| Chromium                                   | 1.8                               | 7.5                               | 200                               | 9.3                              |
| Lead                                       | <0.1                              | 0.1                               | <0.1                              | <0.1                             |
| Mercury                                    | <0.0004                           | 0.0008                            | <0.0004                           | <0.0004                          |
| Selenium                                   | 0.23                              | 1.3                               | 0.016                             | 0.002                            |
| Silver                                     | <0.05                             | 0.05                              | <0.05                             | <0.05                            |

All results are expressed as mg/l unless otherwise stated.

\*Results are expressed as Standard Units.

Approved: \_\_\_\_\_

Date: \_\_\_\_\_

6/11/87

Disclaimer: The test results and procedures utilized, and laboratory interpretations of data obtained by ULI as contained in this report are believed by ULI to be accurate and reliable for sample(s) tested. In accepting this report, the customer agrees that the full extent of any and all liability for actual and consequential damages of ULI for the services performed shall be equal to the fee charged to the customer for the services as liquidated damages.

UPSTATE LABORATORIES, INC.

Analysis Results  
Report Number 070287016  
Date: July 2, 1987

Client I.D.: Ingleside Machine Co., Inc. - Tumbler Water Wash, 6/10/87

ULI I.D.: 16687010

| <u>Parameters</u>      | <u>Results</u> |
|------------------------|----------------|
| pH *                   | 8.1            |
| MBAS **                | 5.3            |
| Nitrate-Nitrogen       | 29             |
| Total Suspended Solids | 300            |
| COD                    | 770            |
| Fluoride               | 3.1            |
| Total Chromium         | 4.8            |
| Total Lead             | 0.1            |

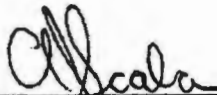
All results are expressed as mg/l unless otherwise stated.

\*Results are expressed as Standard Units.

\*\*Results are expressed as mg LAS/l.

NYS DOH I.D.: 10170

Approved: \_\_\_\_\_



ML

Date: \_\_\_\_\_

7/02/87

Disclaimer: The test results and procedures utilized, and laboratory interpretations of data obtained by ULI as contained in this report are believed by ULI to be accurate and reliable for sample(s) tested. In accepting this report, the customer agrees that the full extent of any and all liability for actual and consequential damages of ULI for the services performed shall be equal to the fee charged to the customer for the services as liquidated damages.

## **APPENDIX B**

**Laboratory Analytical Report**  
**Influent Pipe Sludge Sampled By Leader Environmental**  
**December 1, 2000**

**PARADIGM**  
**ENVIRONMENTAL**  
**SERVICES, INC.**

178 Lake Avenue Rochester, New York 14608 718-647-2530 FAX 718-647-2511

**Client:**

**REPORTING OFFICER:**

Lab Project No.: 00-2797

**Client Job No:**

**Job Role**

**Duration:**

**Client Job No.:**

YAN

**0-1000**

**Data collected:**

12/04/08

**Date Assigned:**

120000

[illegible]

SLAP ID No.: 10069

**Comments:**

Approved By: \_\_\_\_\_

**Laboratory Director**

File ID: 002797

## **APPENDIX C**

**Laboratory Analytical Report  
Groundwater Sampled By SAW  
December 19, 2000**

**PARADIGM  
Environmental  
Services, Inc.**

179 Lake Avenue Rochester, New York 14608 716-647-2530 FAX 716- 647-3311

Client: **SAW Environmental**

Lab Project No.: 00-2929

Client Job Site: 1118 Mertensia Road

Sample Type: Water

Method: SW846 3005,6010

Client Job No.: N/A

Date(s) Sampled: 12/19/2000

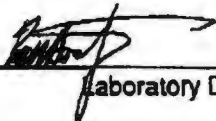
Date Received: 12/19/2000

Date Analyzed: 12/19/2000

| Lab Sample No. | Field ID No. | Field Location | Chromium Results (mg/L) |
|----------------|--------------|----------------|-------------------------|
| 10386          | N/A          | Micro Well     | 1.75                    |
|                |              |                |                         |
|                |              |                |                         |
|                |              |                |                         |
|                |              |                |                         |
|                |              |                |                         |
|                |              |                |                         |
|                |              |                |                         |
|                |              |                |                         |
|                |              |                |                         |
|                |              |                |                         |
|                |              |                |                         |
|                |              |                |                         |

ELAP ID No.: 10958

Comments:

Approved By: 

Laboratory Director

# PARADIGM ENVIRONMENTAL SERVICES, INC.

179 Lake Avenue

Rochester, NY 14608

(716) 647-2530 \* (800) 724-1997

PROJECT NAME/SITE NAME:

1118 Merckens Rd.

## CHAIN OF CUSTODY

|                                                          |  |                      |  |                                 |  |                   |  |
|----------------------------------------------------------|--|----------------------|--|---------------------------------|--|-------------------|--|
| REPORT TO:                                               |  | INVOICE TO:          |  | LAB PROJECT #:                  |  | CLIENT PROJECT #: |  |
| COMPANY: <i>AW Environmental</i>                         |  | COMPANY: <i>SAVE</i> |  |                                 |  |                   |  |
| ADDRESS: <i>81 Connor Road</i>                           |  | ADDRESS:             |  |                                 |  |                   |  |
| CITY: <i>Freeport</i> STATE: <i>NY</i> ZIP: <i>14450</i> |  | CITY: STATE: ZIP:    |  | TURNAROUND TIME: (WORKING DAYS) |  |                   |  |
| PHONE: <i>(716) 377-5545</i> FAX: <i>377-2861</i>        |  | PHONE: FAX:          |  |                                 |  |                   |  |
| ATTN: <i>Alison White</i>                                |  | ATTN:                |  |                                 |  |                   |  |
| COMMENTS:                                                |  |                      |  |                                 |  |                   |  |

| REQUESTED ANALYSIS |         |                                           |                  |                          |                            |                                                |            |    |      |  |  |  |  |  |  |  |         |                               |
|--------------------|---------|-------------------------------------------|------------------|--------------------------|----------------------------|------------------------------------------------|------------|----|------|--|--|--|--|--|--|--|---------|-------------------------------|
| DATE               | TIME    | C<br>O<br>M<br>P<br>O<br>S<br>I<br>T<br>E | G<br>R<br>A<br>B | SAMPLE LOCATION/FIELD ID | M<br>A<br>T<br>R<br>I<br>X | C<br>O<br>N<br>T<br>A<br>I<br>N<br>E<br>R<br>S | 6010 Total | Cr | 5051 |  |  |  |  |  |  |  | REMARKS | PARADIGM LAB<br>SAMPLE NUMBER |
| 12-17-00           | 11:00AM |                                           | /                | micro well               | H <sub>2</sub> O           | 1                                              | X          |    |      |  |  |  |  |  |  |  |         |                               |
| 2                  |         |                                           |                  |                          |                            |                                                |            |    |      |  |  |  |  |  |  |  |         |                               |
| 3                  |         |                                           |                  |                          |                            |                                                |            |    |      |  |  |  |  |  |  |  |         |                               |
| 4                  |         |                                           |                  |                          |                            |                                                |            |    |      |  |  |  |  |  |  |  |         |                               |
| 5                  |         |                                           |                  |                          |                            |                                                |            |    |      |  |  |  |  |  |  |  |         |                               |
| 6                  |         |                                           |                  |                          |                            |                                                |            |    |      |  |  |  |  |  |  |  |         |                               |
| 7                  |         |                                           |                  |                          |                            |                                                |            |    |      |  |  |  |  |  |  |  |         |                               |
| 8                  |         |                                           |                  |                          |                            |                                                |            |    |      |  |  |  |  |  |  |  |         |                               |
| 9                  |         |                                           |                  |                          |                            |                                                |            |    |      |  |  |  |  |  |  |  |         |                               |
| 10                 |         |                                           |                  |                          |                            |                                                |            |    |      |  |  |  |  |  |  |  |         |                               |

\*\*LAB USE ONLY\*\*

|                                                              |                                          |                                         |                                        |                                       |
|--------------------------------------------------------------|------------------------------------------|-----------------------------------------|----------------------------------------|---------------------------------------|
| SAMPLE CONDITION: Check box if acceptable or note deviation: | CONTAINER TYPE: <input type="checkbox"/> | PRESERVATIONS: <input type="checkbox"/> | HOLDING TIME: <input type="checkbox"/> | TEMPERATURE: <input type="checkbox"/> |
|--------------------------------------------------------------|------------------------------------------|-----------------------------------------|----------------------------------------|---------------------------------------|

|                                  |                                     |                                    |                                     |             |
|----------------------------------|-------------------------------------|------------------------------------|-------------------------------------|-------------|
| Sampled By: <i>Alison White</i>  | Date/Time: <i>12-17-00 11:00 AM</i> | Received By:                       | Date/Time:                          | Total Cost: |
| Relinquished By:                 | Date/Time:                          | Received By:                       | Date/Time:                          |             |
| Relinquished By: <i>A. White</i> | Date/Time:                          | Received @ Lab By: <i>A. White</i> | Date/Time: <i>12-17-00 11:00 AM</i> | P.I.F.      |

## **APPENDIX D**

### **Laboratory Analytical Report TCLP Analysis**

#### **Influent Pipe Sludge Sampled By SAW**

**January 3, 2001**



# LOZIER LABORATORIES, INC.

909 CULVER ROAD  
ROCHESTER, NEW YORK 14609  
TEL (716) 654-6350  
FAX (716) 654-6354

NEW YORK STATE  
APPROVED  
ENVIRONMENTAL LABORATORY  
# 10390

Client: Saw Environmental Services, Inc.  
81 Oconner Rd.  
Fairport, NY 14450

Date Received: 1/4/04  
Laboratory No.: 11429  
Report Date: 1/9/01

Attn:  
Client PO Number: 20458

Client Project Name: Mertensia Rd.

## SAMPLE INFORMATION

Sample Date: 1/3/01  
Sampler: Client

Matrix: Other

## LABORATORY REPORT

Lozier Sample ID: 11429--1  
ExpressLab Sample ID: 39933  
Saw Env. Sample ID: Drain Pipe

| PARAMETER     |        | Units | Method Number | Analysis Date |
|---------------|--------|-------|---------------|---------------|
| TCLP Arsenic  | 0.008  | mg/l  | EPA 6010B     | 1/8/01        |
| TCLP Selenium | 0.018  | mg/l  | EPA 6010B     | 1/8/01        |
| TCLP Cadmium  | 0.016  | mg/l  | EPA 6010B     | 1/8/01        |
| TCLP Chromium | 1.90   | mg/l  | EPA 6010B     | 1/8/01        |
| TCLP Barium   | 2.45   | mg/l  | EPA 6010B     | 1/8/01        |
| TCLP Silver   | <0.005 | mg/l  | EPA 6010B     | 1/8/01        |
| TCLP Lead     | 0.075  | mg/l  | EPA 6010B     | 1/8/01        |
| TCLP Mercury  | <0.002 | mg/l  | EPA 7470      | 1/5/01        |

*James A. Orsini*



# Lozier Analytical Group

☐ Lozier Laboratories, Inc., #10390

888 - 841 - 5227

☐ EXPRESSLAB, Inc., #11369

800 - 843 - 5227

## LABORATORY REPORT - MISC

Cust **SAW ENVIRONMENTAL**

Address: **81 O'CONNOR RD.**

**FAIRPORT, NY 14450**

Attn: **FRANK**

Phone 716-377-5545

FAX 716-377-3861

PO Number: 20458

Project Number 20458

Project Cust: **MERTENSIA RD.**

Project Site:

Date FAXED:

Lab Director

*[Signature]*

## SAMPLE DEMOGRAPHICS AND TEST RESULTS

Results in bold type

Detection Limits = Water=mg/L or PPM

Soil=mg/Kg or PPM

Sample ID (LAB)

39933

Sample ID#1(CUST)

**DRAIN PIPE**

Sample ID#2(CUST)

Matrix

**SOIL**

Sampled By

**GLENN WHITE**

Date Sampled

01/03/01 10:30

Date Received

01/04/00 03:30

Date Analyzed

01/08/01

Date Reported

01/10/01

Ignitability:

Negative , No flash to 140F/60C

Corrosivity:

pH=8.23

Reactivity:

Sulfide: < 20 PPM

Cyanide: < 20 PPM

Paint Filter

Negative , <1ml/min

< DL(U)= analyzed but not detected

L= estimated value

B=analyte found in blank

E=exceed calibration range

**RESULTS WHEN YOU WANT THEM**



# Lozier Analytical Group

☐ Lozier Laboratories, Inc., #10390

888 - 841 - 5227

☐ EXPRESSLAB, Inc., #11369

800 - 843 - 5227

## LABORATORY REPORT - TCLP 8260

Cust **SAW ENVIRONMENTAL**

Address: **81 O'CONNOR RD.**

**FAIRPORT, NY 14450**

Attn: **FRANK**

Phone **716-377-5545**

FAX **716-377-3861**

PO Number: **20458**

Project Number **20458**

Project Cust: **MERTENSIA RD.**

Project Site:

Date FAXED:

Lab Director

## SAMPLE DEMOGRAPHICS AND TEST RESULTS

Results in bold type; Detection Limits in small print

Detection Limits\* =

Soil=ug/kg ppb

\*See Individual Limit

Water=ug/L ppb

Results shown are: **Volatile Organic Analytes**

Extraction Method: **EPA 5030 Purge & Trap**

Analysis Method: **EPA 8260 GC/MS**

Sample ID (LAB)

**39933**

Sample ID#1(CUST)

**DRAIN PIPE**

Sample ID#2(CUST)

Matrix

**SOIL**

Sampled By

**GLENN WHITE**

Date Sampled

**01/03/01 10:30**

Date Received

**01/04/00 03:30**

Date Analyzed

**01/10/01**

Date Reported

**01/10/01**

Results Det Limit\*

Vinyl Chloride

**<DL(U)** 2.0

1,1-Dichloroethene

**<DL(U)** 2.0

Methyl ethyl ketone

**<DL(U)** 2.0

Chloroform

**<DL(U)** 4.0

1,1-Dichloropropene

**<DL(U)** 2.0

Carbon Tetrachloride

**<DL(U)** 2.0

1,2-Dichloroethane

**<DL(U)** 2.0

Trichloroethene

**<DL(U)** 2.0

Benzene

**<DL(U)** 2.0

Tetrachloroethene

**<DL(U)** 2.0

Chlorobenzene

**<DL(U)** 2.0

Hexachlorobutadiene

**<DL(U)** 2.0

1,4-Dichlorobenzene

**<DL(U)** 2.0

< DL(U)= analyzed but not detected

L= estimated value

B=analyte found in blank

E=exceed calibration range

J= < pql but > MDL

\* DL = Detection Limit

# Lozier Analytical Group

☐ Lozier Laboratories, Inc., #10390

888 - 841 - 5227

☐ EXPRESSLAB, Inc., #11369

800 - 843 - 5227

## LABORATORY REPORT - PCB's by 8080

Cust **SAW ENVIRONMENTAL**

Address: **81 O'CONNOR RD.**

**FAIRPORT, NY 14450**

Attn: **FRANK**

Phone **716-377-5545**

FAX **716-377-3861**

PO Number: **20458**

Project Number: **20458**

Project Cust: **MERTENSIA RD.**

Project Site:

Date FAXED:

Lab Director

## SAMPLE DEMOGRAPHICS AND TEST RESULTS

Results in bold type; Detection Limits in small print

Detection Limits\* =

Soil=ug/kg ppb

Extraction Method: **3550 Sonication**

\*See Individual Limit

Water=ug/L ppb

Analysis Method: **EPA 8080 GC with ECD**

Sample ID (LAB) **39933**

Sample ID#1(CUST) **DRAIN PIPE**

Sample ID#2(CUST)

Matrix **SOIL**

Sampled By **GLENN WHITE**

Date Sampled **1/3/01 10:30**

Date Received **1/4/00 3:30**

Date Analyzed **1/6/01**

Date Reported **1/08/00**

|              | Results | Det Limit* |
|--------------|---------|------------|
| Aroclor 1016 | < DL(U) | 16.7       |
| Aroclor 1221 | < DL(U) | 16.7       |
| Aroclor 1232 | < DL(U) | 16.7       |
| Aroclor 1242 | < DL(U) | 16.7       |
| Aroclor 1248 | < DL(U) | 16.7       |
| Aroclor 1254 | < DL(U) | 16.7       |
| Aroclor 1260 | < DL(U) | 16.7       |

< DL(U)=analyzed but not detected

L=estimated value

B=analyte found in blank

E=exceed calibration range

\* DL = Detection Limit



# Lozier Analytical Group

☐ Lozier Laboratories, Inc., #10390

888 - 841 - 5227

☐ EXPRESSLAB, Inc., #11369

800 - 843 - 5227

## LABORATORY REPORT - 8270 TCLP

Cust **SAW ENVIRONMENTAL**

Address: **81 O'CONNOR RD.**

**FAIRPORT, NY 14450**

Attn:

Phone **716-377-5545**

FAX **716-377-3861**

PO Number: **20458**

Project Number **20458**

Project Cust: **MERTENSIA RD.**

Project Site:

Date FAXED:

Lab Director

## SAMPLE DEMOGRAPHICS AND TEST RESULTS

Results in bold type; Detection Limits in small print

Detection Limits\* =

Water=mg/L ppm

\*See Individual Limit

Results shown are: **TCLP 8270 Compounds**

Extraction Method: **EPA 3510 Liquid-Liquid**

Analysis Method: **EPA 8270 GC/MS**

Sample ID (LAB)

Sample ID#1(CUST)

Sample ID#2(CUST)

Matrix

Sampled By

Date Sampled

Date Received

Date Analyzed

Date Reported

|             |       |
|-------------|-------|
| 39933       |       |
| DRAIN PIPE  |       |
|             |       |
| SOIL        |       |
| GLENN WHITE |       |
| 01/03/01    | 10:30 |
| 01/04/00    | 03:30 |
| 01/09/01    |       |
| 01/10/01    |       |

2-Methylphenol

3&4-Methylphenol

Hexachlorobenzene

Hexachlorobutadiene

Hexachloroethane

Nitrobenzene

Pentachlorophenol

Pyridine

2,4,5-Trichlorophenol

2,4,6-Trichlorophenol

2,4-Dinitrotoluene

1,4-Dichlorobenzene

| Results | Det Limit* |
|---------|------------|
| < DL(U) | 0.010      |
| < DL(U) | 0.020      |
| < DL(U) | 0.010      |
| < DL(U) | 0.010      |
| < DL(U) | 0.010      |
| < DL(U) | 0.010      |
| < DL(U) | 0.010      |
| < DL(U) | 0.010      |
| < DL(U) | 0.010      |
| < DL(U) | 0.010      |
| < DL(U) | 0.010      |

\* DL = Detection Limit

Page 1

RESULTS WHEN YOU WANT THEM

39933

MANILLA  
COPY

NC.

696 N. Winton Rd., Rochester, NY 14609  
5611 Water St., Middlesex, NY 14507  
(888) 841-5227 • (716) 554-4114

COMPANY NAME

SILV Environmental

TURNAROUND TIME

☒ Standard Service  
☐ Rush Service

PARAMETERS FOR ANALYSIS

PROJECT NAME / NUMBER

P.O. # 10/14/01

Date Req.: 1/11/01

Phone No.: (716) 577-5545

Fax No.: (716) 577-5541

SEND REPORT TO:

SILV Environmental Services, Inc.  
81 Ocean Road  
Fairport NY 14450

SEND INVOICE TO:

SILV

P.O. # 10/14/01

SAMPLE ID

DATE

TIME

TYPE

Comp.

Grab

Aqueous

Soil

Other

CHAIN OF CUSTODY RECORD

Laboratory ID Number

|           |         |        |  |   |  |  |  |   |  |   |   |   |  |  |  |  |  |  |  |  |
|-----------|---------|--------|--|---|--|--|--|---|--|---|---|---|--|--|--|--|--|--|--|--|
| Down Pipe | 1/11/01 | 10:30A |  | ✓ |  |  |  | ✓ |  | X | X | X |  |  |  |  |  |  |  |  |
|           |         |        |  |   |  |  |  |   |  |   |   |   |  |  |  |  |  |  |  |  |
|           |         |        |  |   |  |  |  |   |  |   |   |   |  |  |  |  |  |  |  |  |
|           |         |        |  |   |  |  |  |   |  |   |   |   |  |  |  |  |  |  |  |  |
|           |         |        |  |   |  |  |  |   |  |   |   |   |  |  |  |  |  |  |  |  |
|           |         |        |  |   |  |  |  |   |  |   |   |   |  |  |  |  |  |  |  |  |
|           |         |        |  |   |  |  |  |   |  |   |   |   |  |  |  |  |  |  |  |  |
|           |         |        |  |   |  |  |  |   |  |   |   |   |  |  |  |  |  |  |  |  |
|           |         |        |  |   |  |  |  |   |  |   |   |   |  |  |  |  |  |  |  |  |
|           |         |        |  |   |  |  |  |   |  |   |   |   |  |  |  |  |  |  |  |  |

REMARKS:

TOTAL CONTAINERS

CUSTODY

SEAL INTACT? ☒ YES ☐ NO ☐ N/A

SHIPMENT

COMPLETE? ☒ YES ☐ NO ☐ N/A

SAMPLER'S NAME:

Chris White

SIGNATURE:

Chris White

TEMPERATURE:

4°C ☐ TS ☐ TB ☐ TM

SAMPLES RELINQUISHED BY

SAMPLES RECEIVED BY

NAME AND SIGNATURE

DATE

TIME

NAME AND SIGNATURE

DATE

TIME

1.

2.

1/11/01

3:40

**Environmental Services**

**From:** "James Craft" <jhcraft@gw.dec.state.ny.us>  
**To:** <aknauf@nyenvlaw.com>; <saw@rochester.rr.com>  
 <Ferri.Robert@epamail.epa.gov>; "Jeffrey Konsella" <jakonsel@gw.dec.state.ny.us>; "James Charles"  
 <jdcharle@gw.dec.state.ny.us>; "Todd Caffoe" <tmcaffoe@gw.dec.state.ny.us>; "<Joseph P. Crua"  
 <jpc04@health.state.ny.us>  
**Date:** December 21, 2001 2:25 PM  
**Subject:** Ingleside.V00495-8.IRM.122101.wpd  
**Re:** Ingleside Machine Co. Inc. - V00495-8 - IRM WP response  
 an/Jon,

Attached and following below is a response letter to the IRM Work Plan dated 11/29/01 (I have received two slightly different versions and the comments apply to the version for which page 7 has only: Objective 2 and seven bullets).

Please let us know at your earliest convenience whether the comments/conditions in the attached letter are acceptable and we'll move this project forward.

Thank you and Happy Holidays, Jim

New York State Department of Environmental Conservation Division of Environmental Remediation, Region 8  
 74 East Avon-Lima Road, Avon, New York 14414-9519  
 Phone: (716) 226-5353 \* FAX: (716) 226-8696  
 Website: www.dec.state.ny.us

December 21, 2001

Mr. J. Knauf, Esq.  
 Knauf, Koegel & Shaw, LLP  
 3 East Main Street, Suite 1250  
 Rochester, NY 14604

Re: Ingleside Machine Company, Inc. - Site # V00495 - 1118 Mertensia Road, Farmington (T)  
 Comments on 11/29/01 Interim Remedial Measure Work Plan

Dear Mr. Knauf:

Thank you for the 11/29/01 Interim Remedial Measure (IRM) Work Plan submitted on behalf of your client by SAW Environmental Services, Inc. The IRM work plan satisfactorily addresses most of the issues in the 10/23/01 comment letter from the Department; the remaining issues follow below. With your concurrence, this letter may be considered a final amendment to the Work Plan and thus avoid another iteration of Work Plan revision, submission, review, and comment letter issuance.

A Data Usability and Summary Report (DUSR) will be required for ASP-category B deliverable data (as noted in the letter attached to our 10/23/01 letter and as discussed at our 10/25/01 meeting and attached below as Attachment #1). This level of reporting requires that the laboratory have NYSDOH Environmental Laboratory Approval Program (ELAP) Contract Laboratory Protocol (CLP) certification for the parameters of interest. In addition, all data reporting must include a case narrative from the laboratory.

All excavations and associated soils will be field screened for VOCs (PID monitoring as proposed for the UST removal is acceptable for all areas). If elevated PID readings are detected in the dry well area, then VOCs will be

12/28/2001

agreement or with only minor differences that can be easily reconciled. If data validation is found to be necessary (e.g. pending litigation) this can be carried out at a later date on the same data package used for the development of the DUSR.

#### Personnel Requirements:

The Environmental Scientist preparing the DUSR must hold a Bachelors Degree in a relevant natural or physical science or field of engineering and must submit a resume documenting experience in environmental sampling, analysis and data review.

#### Preparation of a DUSR:

The DUSR is developed by reviewing and evaluating the analytical data package. During the course of this review the following questions must be asked and answered:

1. Is the data package complete as defined under the requirements for the NYSDEC ASP Category B or USEPA CLP deliverables?

2. Have all holding times been met?

3. Do all the QC data: blanks, instrument tunings, calibration standards, calibration verifications, surrogate recoveries, spike recoveries, replicate analyses, laboratory controls and sample data fall within the protocol required limits and specifications?

4. Have all of the data been generated using established and agreed upon analytical protocols?

5. Does an evaluation of the raw data confirm the results provided in the data summary sheets and quality control verification forms?

6. Have the correct data qualifiers been used?

Evaluation of NYSDEC ASP Matrix Spike Blank (MSB) data - If the MSB recovery is less than the ASP criteria, the positive results should be qualified as J, estimated biased low. If the MSB recovery is less than the ASP criteria, but greater than 10%, the nondetects should be qualified J, biased low. If the MSB recovery is less than 10%, the nondetect data must be rejected.

Any Quality Control exceedances must be numerically specified in the DUSR and the corresponding QC summary sheet from the data package should be attached to the DUSR.

All data that would be rejected by the EPA Region 2 Data Validation Guidelines must also be rejected in the DUSR.

Once the data package has been reviewed and the above questions asked and answered the DUSR proceeds to describe the samples and the

analytical parameters. Data deficiencies, analytical protocol deviations and quality control problems are identified and their effect on the data is discussed. The DUSR shall also include recommendations on resampling/reanalysis. All data qualifications must be documented following the NYSDEC ASP guidelines or the EPA Region 2 data validation guidelines.

Contact Tim LeBarron of the Technology Section, Division of Environmental Remediation at (518) 402-9761, with any questions on the preparation of a DUSR.

## ATTACHMENT #2

### New York State Department of Health Generic Community Air Monitoring Plan

Community Air Monitoring Plan (CAMP) requires real-time monitoring for volatile organic compounds (VOCs) and particulates (i.e., dust) at the downwind perimeter of each designated work area when certain activities are in progress at contaminated sites. The CAMP is not intended for use in establishing action levels for worker respiratory protection. Rather, its intent is to provide a measure of protection for the downwind community (i.e., off-site receptors including residences and businesses and on-site workers not directly involved with the subject work activities) from potential airborne contaminant releases as a direct result of investigative and remedial work activities. The action levels specified herein require increased monitoring, corrective actions to abate emissions, and/or work shutdown. Additionally, the CAMP helps to confirm that work activities did not spread contamination off-site through the air.

The generic CAMP presented below will be sufficient to cover many, if not most, sites. Specific requirements should be reviewed for each situation in consultation with NYSDOH to ensure proper applicability. In some cases, a separate site-specific CAMP or supplement may be required. Depending upon the nature of contamination, chemical-specific monitoring with appropriately-sensitive methods may be required. Depending upon the proximity of potentially exposed individuals, more stringent monitoring or response levels than those presented below may be required. Special requirements will be necessary for work within 20 feet of potentially exposed individuals or structures and for indoor work with co-located residences or facilities. These requirements should be determined in consultation with NYSDOH.

Reliance on the CAMP should not preclude simple, common-sense measures to keep VOCs, dust, and odors at a minimum around the work areas.

12/28/2001

## Community Air Monitoring Plan

Depending upon the nature of known or potential contaminants at each site, real-time air monitoring for volatile organic compounds (VOCs) and/or particulate levels at the perimeter of the exclusion zone or work area will be necessary. Most sites will involve VOC and particulate monitoring; sites known to be contaminated with heavy metals may only require particulate monitoring. If radiological contamination is a concern, additional monitoring requirements may be necessary per consultation with appropriate NYSDEC/NYSDOH staff.

Continuous monitoring will be required for all ground intrusive activities and during the demolition of contaminated or potentially contaminated structures. Ground intrusive activities include, but are not limited to, soil/waste excavation and handling, test pitting or trenching, and the installation of soil borings or monitoring wells.

Periodic monitoring for VOCs will be required during non-intrusive activities such as the collection of soil and sediment samples or the collection of groundwater samples from existing monitoring wells. "Periodic" monitoring during sample collection might reasonably consist of taking a reading upon arrival at a sample location, monitoring while opening a well cap or overturning soil, monitoring during well bailing/purging, and taking a reading prior to leaving a sample location. In some instances, depending upon the proximity of potentially exposed individuals, continuous monitoring may be required during sampling activities. Examples of such situations include groundwater sampling at wells on the curb of a busy urban street, in the midst of a public park, or adjacent to a school or residence.

### VOC Monitoring, Response Levels, and Actions

Volatile organic compounds (VOCs) must be monitored at the downwind perimeter of the immediate work area (i.e., exclusion zone) on a continuous basis or as otherwise specified. Upwind concentrations should be measured at the start of each workday and periodically thereafter to establish background conditions. The monitoring work should be performed using equipment appropriate to measure the types of contaminants known or suspected to be present. The equipment should be calibrated at least daily for the contaminant(s) of concern or for an appropriate surrogate. The equipment should be capable of calculating 15-minute running average concentrations, which will be compared to the levels specified below.

If the ambient air concentration of total organic vapors at the downwind perimeter of the work area or exclusion zone exceeds 5 parts per million (ppm) above background for the 15-minute average, work activities must be temporarily halted and monitoring continued. If the total organic vapor level readily decreases (per instantaneous readings) below 5 ppm over background, work activities can resume with continued monitoring.

If total organic vapor levels at the downwind perimeter of the work area or exclusion zone persist at levels in excess of 5 ppm over background but less than 25 ppm, work activities must be halted, the source of vapors identified, corrective actions taken to abate emissions, and monitoring continued. After these steps, work activities can resume provided that the total organic vapor level 200 feet downwind of the exclusion zone or half the distance to the nearest potential receptor or residential/commercial structure, whichever is less - but in no case less than 20 feet, is below 5 ppm over background for the 15-minute average.

If the organic vapor level is above 25 ppm at the perimeter of the work area, activities must be shutdown.

15-minute readings must be recorded and be available for State (DEC and DOH) personnel to review. Instantaneous readings, if any, used for decision purposes should also be recorded.

### Particulate Monitoring, Response Levels, and Actions

Particulate concentrations should be monitored continuously at the upwind and downwind perimeters of the exclusion zone at temporary particulate monitoring stations. The particulate monitoring should be performed using real-time monitoring equipment capable of measuring particulate matter less than 10 micrometers in size (PM-10) and capable of

migrating over a period of 15 minutes (or less) for comparison to the airborne particulate action level. The equipment must be equipped with an audible alarm to indicate exceedance of the action level. In addition, fugitive dust migration could be visually assessed during all work activities.

If the downwind PM-10 particulate level is 100 micrograms per cubic meter (mcg/m<sup>3</sup>) greater than background (upwind perimeter) for the 15-minute period or if airborne dust is observed leaving the work area, then dust suppression techniques must be employed. Work may continue with dust suppression techniques provided that downwind PM-10 particulate levels do not exceed 150 mcg/m<sup>3</sup> above the upwind level and provided that no visible dust is migrating from the work area.

If, after implementation of dust suppression techniques, downwind PM-10 particulate levels are greater than 150 mcg/m<sup>3</sup> above the upwind level, work must be stopped and a re-evaluation of activities initiated. Work can resume provided that dust suppression measures and other controls are successful in reducing the downwind PM-10 particulate concentration to within 150 mcg/m<sup>3</sup> of the upwind level and in preventing visible dust migration.

All readings must be recorded and be available for State (DEC and DOH) personnel to review.

James H. Craft  
Engineering Geologist  
New York State Department of Environmental Conservation  
Division of Environmental Remediation - Region 8  
74 East Avon - Lima Road  
Avon, NY 14414-9519  
Email: [jhcraft@gw.dec.state.ny.us](mailto:jhcraft@gw.dec.state.ny.us)  
Phone: (716) 226-5352  
Fax: (716) 226-8696

12/28/2001



K N A U F

S H A W

L L P

January 9, 2002

Mr. James Kraft  
Engineering Geologist  
Division of Environmental Remediation  
NYS Dept. of Environmental Conservation  
Region 8  
6274 East Avon Lima Road  
Avon, New York 14414

**Re: Ingleside Machine Company, Inc.**  
**Site No.: V00495-1118 Mertensia Road, Farmington, New York 14425**

Dear Jim:

The modifications to our Work Plan, as set forth in your December 24, 2001 letter, are acceptable. However, we are still waiting to confirm access to be granted to the property to do the work.

Thank you.

Very truly yours,

**KNAUF SHAW LLP**

ALAN J. KNAUF

AJK/slh

Encl.

pc: Mr. Mario Carruba  
Mr. Jon Heerkens  
Jeffery Morris, Esq.  
Mr. Todd Caffoe  
James Charles, Esq.  
Terry Richman, Esq.  
Paul Sylvestri, Esq.

C:\Sherry\Clients 2001\Ingleside Machine\DEC Engineering 2 letter.wpd

*Appendix D*

**Laboratory Reports**

# Laboratory Test Report



## Lozier Laboratories, Inc.

5611 Water St.  
Middlesex NY, 14507  
Phone (585)-654-6350  
Fax (585)-554-4114

New York State  
Approved  
Environmental Laboratory  
# 10390

Prepared for: ExpressLab, Inc.

5611 Water St., Middlesex, NY 14507

Laboratory Number: 16029

Report Date: 2/21/02

ExpressLab Client: SAW Environmental  
81 O'Connor Road  
Fairport, NY 14450  
Attention: Jon Heerkens

### Sample Information

Date Received at Lozier: 2/5/02  
Date Received at ExpressLab: 2/5/02  
Sample Date: 1/28-29/02  
Sampled By: Client  
Matrix: Soil

Client Project Customer: Ingleside  
Client Project Site: 1118 Mertensia Rd.

|                       |                    |                    |
|-----------------------|--------------------|--------------------|
| Lozier Sample ID:     | 16029--1           | 16029--2           |
| ExpressLab Sample ID: | 48970              | 48971              |
| SAW Env. Sample ID:   | Drain Pipe Joint 1 | Drain Pipe Joint 2 |

| Parameter | Units  | Method Number          | Analysis Date |
|-----------|--------|------------------------|---------------|
| Aluminum  | 5,660  | 4,160 mg/kg EPA 6010B  | 2/8/02        |
| Antimony  | <0.306 | <0.308 mg/kg EPA 6010B | 2/8/02        |
| Arsenic   | 1.31   | 1.70 mg/kg EPA 6010B   | 2/8/02        |
| Barium    | 32.0   | 24.1 mg/kg EPA 6010B   | 2/8/02        |
| Beryllium | 0.255  | 1.64 mg/kg EPA 6010B   | 2/8/02        |
| Cadmium   | 0.490  | 0.421 mg/kg EPA 6010B  | 2/8/02        |
| Calcium   | 7,060  | 5,680 mg/kg EPA 6010B  | 2/8/02        |
| Chromium  | 28.0   | 18.6 mg/kg EPA 6010B   | 2/8/02        |
| Cobalt    | 3.60   | 2.85 mg/kg EPA 6010B   | 2/8/02        |
| Copper    | 31.1   | 54.7 mg/kg EPA 6010B   | 2/8/02        |
| Iron      | 8,840  | 7,300 mg/kg EPA 6010B  | 2/8/02        |
| Lead      | 24.0   | 12.0 mg/kg EPA 6010B   | 2/8/02        |
| Magnesium | 4,210  | 3,260 mg/kg EPA 6010B  | 2/8/02        |
| Manganese | 328    | 296 mg/kg EPA 6010B    | 2/8/02        |
| Nickel    | 7.06   | 7.63 mg/kg EPA 6010B   | 2/8/02        |
| Potassium | 1,440  | 982 mg/kg EPA 6010B    | 2/8/02        |
| Selenium  | <0.510 | <0.514 mg/kg EPA 6010B | 2/8/02        |
| Silver    | <0.510 | <0.514 mg/kg EPA 6010B | 2/8/02        |
| Sodium    | 71.4   | 71.9 mg/kg EPA 6010B   | 2/8/02        |
| Thallium  | 6.36   | 4.59 mg/kg EPA 6010B   | 2/8/02        |
| Vanadium  | 14.7   | 10.7 mg/kg EPA 6010B   | 2/8/02        |
| Zinc      | 45.1   | 32.4 mg/kg EPA 6010B   | 2/8/02        |
| Mercury   | 0.097  | 0.062 mg/kg EPA 7471   | 2/11/02       |

The results are based on the dry weight.

PAGE: 1 of 4

ELAP APPROVED LAB # 10390

NELAP APPROVED LAB

ExpressLab ELAP # 11369

Approved By:

Technical Director

# Laboratory Test Report



## Lozier Laboratories, Inc.

5611 Water St.  
Middlesex NY, 14507  
Phone (585)-654-6350  
Fax (585)-554-4114

New York State  
Approved  
Environmental Laboratory  
# 10390

Prepared for: ExpressLab, Inc.

5611 Water St., Middlesex, NY 14507

Laboratory Number: 16029

Report Date: 2/21/02

ExpressLab Client: SAW Environmental  
81 O'Connor Road  
Fairport, NY 14450

Attention: Jon Heerkens

Client Project Customer: Ingleside

Client Project Site: 1118 Mertensia Rd.

### Sample Information

Date Received at Lozier: 2/5/02

Date Received at ExpressLab: 2/5/02

Sample Date: 1/28-29/02

Sampled By: Client

Matrix: Soil

|                       |                    |                    |
|-----------------------|--------------------|--------------------|
| Lozier Sample ID:     | 16029--3           | 16029--4           |
| ExpressLab Sample ID: | 48972              | 48973              |
| SAW Env. Sample ID:   | Drain Pipe Joint 3 | Drain Pipe Joint 4 |

| Parameter | Units  | Method Number | Analysis Date          |
|-----------|--------|---------------|------------------------|
| Aluminum  | 5,170  | 4,100         | mg/kg EPA 6010B 2/8/02 |
| Antimony  | <0.235 | <0.290        | mg/kg EPA 6010B 2/8/02 |
| Arsenic   | 1.95   | 0.706         | mg/kg EPA 6010B 2/8/02 |
| Barium    | 32.1   | 24.0          | mg/kg EPA 6010B 2/8/02 |
| Beryllium | 0.235  | 0.155         | mg/kg EPA 6010B 2/8/02 |
| Cadmium   | 0.415  | 0.310         | mg/kg EPA 6010B 2/8/02 |
| Calcium   | 8,420  | 13,900        | mg/kg EPA 6010B 2/8/02 |
| Chromium  | 14.0   | 9.81          | mg/kg EPA 6010B 2/8/02 |
| Cobalt    | 3.07   | 2.97          | mg/kg EPA 6010B 2/8/02 |
| Copper    | 12.8   | 16.2          | mg/kg EPA 6010B 2/8/02 |
| Iron      | 8,420  | 7,310         | mg/kg EPA 6010B 2/8/02 |
| Lead      | 13.4   | 6.78          | mg/kg EPA 6010B 2/8/02 |
| Magnesium | 5,090  | 6,500         | mg/kg EPA 6010B 2/8/02 |
| Manganese | 332    | 292           | mg/kg EPA 6010B 2/8/02 |
| Nickel    | 5.60   | 5.28          | mg/kg EPA 6010B 2/8/02 |
| Potassium | 1,330  | 1,320         | mg/kg EPA 6010B 2/8/02 |
| Selenium  | <0.391 | <0.484        | mg/kg EPA 6010B 2/8/02 |
| Silver    | <0.391 | <0.484        | mg/kg EPA 6010B 2/8/02 |
| Sodium    | <54.8  | <67.7         | mg/kg EPA 6010B 2/8/02 |
| Thallium  | 6.61   | 5.07          | mg/kg EPA 6010B 2/8/02 |
| Vanadium  | 12.0   | 11.0          | mg/kg EPA 6010B 2/8/02 |
| Zinc      | 24.9   | 22.5          | mg/kg EPA 6010B 2/8/02 |
| Mercury   | 0.111  | 0.076         | mg/kg EPA 7471 2/11/02 |

The results are based on the dry weight.

PAGE: 2 of 4

ELAP APPROVED LAB # 10390

NELAP APPROVED LAB

ExpressLab ELAP # 11369

Approved By:

Technical Director

# Laboratory Test Report



## Lozier Laboratories, Inc.

5611 Water St.  
Middlesex NY, 14507  
Phone (585)-654-6350  
Fax (585)-554-4114

New York State  
Approved  
Environmental Laboratory  
# 10390

Prepared for: ExpressLab, Inc.

5611 Water St., Middlesex, NY 14507

Laboratory Number: 16029

Report Date: 2/21/02

ExpressLab Client: SAW Environmental  
81 O'Connor Road  
Fairport, NY 14450

Attention: Jon Heerkens

Client Project Customer: Ingleside

Client Project Site: 1118 Mertensia Rd.

### Sample Information

Date Received at Lozier: 2/5/02

Date Received at ExpressLab: 2/5/02

Sample Date: 1/28-29/02

Sampled By: Client

Matrix: Soil

|                       |                    |                    |
|-----------------------|--------------------|--------------------|
| Lozier Sample ID:     | 16029--5           | 16029--6           |
| ExpressLab Sample ID: | 48974              | 48975              |
| SAW Env. Sample ID:   | Drain Pipe Joint 5 | Drain Pipe Joint 6 |

| Parameter | Units  | Method Number   | Analysis Date |
|-----------|--------|-----------------|---------------|
| Aluminum  | 6,600  | mg/kg EPA 6010B | 2/8/02        |
| Antimony  | <0.264 | mg/kg EPA 6010B | 2/8/02        |
| Arsenic   | 2.41   | mg/kg EPA 6010B | 2/8/02        |
| Barium    | 56.7   | mg/kg EPA 6010B | 2/8/02        |
| Beryllium | 0.352  | mg/kg EPA 6010B | 2/8/02        |
| Cadmium   | 0.694  | mg/kg EPA 6010B | 2/8/02        |
| Calcium   | 23,100 | mg/kg EPA 6010B | 2/8/02        |
| Chromium  | 60.1   | mg/kg EPA 6010B | 2/8/02        |
| Cobalt    | 3.42   | mg/kg EPA 6010B | 2/8/02        |
| Copper    | 32.6   | mg/kg EPA 6010B | 2/8/02        |
| Iron      | 10,500 | mg/kg EPA 6010B | 2/8/02        |
| Lead      | 115    | mg/kg EPA 6010B | 2/8/02        |
| Magnesium | 12,000 | mg/kg EPA 6010B | 2/8/02        |
| Manganese | 289    | mg/kg EPA 6010B | 2/8/02        |
| Nickel    | 7.88   | mg/kg EPA 6010B | 2/8/02        |
| Potassium | 1,480  | mg/kg EPA 6010B | 2/8/02        |
| Selenium  | <0.439 | mg/kg EPA 6010B | 2/8/02        |
| Silver    | <0.439 | mg/kg EPA 6010B | 2/8/02        |
| Sodium    | 127    | mg/kg EPA 6010B | 2/8/02        |
| Thallium  | 7.44   | mg/kg EPA 6010B | 2/8/02        |
| Vanadium  | 13.9   | mg/kg EPA 6010B | 2/8/02        |
| Zinc      | 55.9   | mg/kg EPA 6010B | 2/8/02        |
| Mercury   | 0.145  | mg/kg EPA 7471  | 2/11/02       |

The results are based on the dry weight.

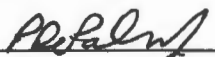
PAGE: 3 of 4

ELAP APPROVED LAB # 10390

IELAP APPROVED LAB

ExpressLab ELAP # 11369

Approved By:

  
Technical Director

# Laboratory Test Report



## Lozier Laboratories, Inc.

5611 Water St.  
Middlesex NY, 14507  
Phone (585)-654-6350  
Fax (585)-554-4114

New York State  
Approved  
Environmental Laboratory  
# 10390

Prepared for: ExpressLab, Inc.  
5611 Water St., Middlesex, NY 14507

Laboratory Number: 16029

ExpressLab Client: SAW Environmental  
81 O'Connor Road  
Fairport, NY 14450  
Attention: Jon Heerkens

Report Date: 2/21/02

Client Project Customer: Ingleside  
Client Project Site: 1118 Mertensia Rd.

### Sample Information

Date Received at Lozier: 2/5/02  
Date Received at ExpressLab: 2/5/02  
Sample Date: 1/28-29/02  
Sampled By: Client  
Matrix: Soil

Lozier Sample ID: 16029--7  
ExpressLab Sample ID: 48976  
SAW Env. Sample ID: Drywell Sludge

| Parameter | Units   | Method Number   | Analysis Date |
|-----------|---------|-----------------|---------------|
| Aluminum  | 115,300 | mg/kg EPA 6010B | 2/8/02        |
| Antimony  | 8.66    | mg/kg EPA 6010B | 2/8/02        |
| Arsenic   | 7.73    | mg/kg EPA 6010B | 2/8/02        |
| Barium    | 3,780   | mg/kg EPA 6010B | 2/8/02        |
| Beryllium | 2.21    | mg/kg EPA 6010B | 2/8/02        |
| Cadmium   | 30.8    | mg/kg EPA 6010B | 2/8/02        |
| Calcium   | 15,900  | mg/kg EPA 6010B | 2/8/02        |
| Chromium  | 4,370   | mg/kg EPA 6010B | 2/8/02        |
| Cobalt    | 25.1    | mg/kg EPA 6010B | 2/8/02        |
| Copper    | 10,100  | mg/kg EPA 6010B | 2/8/02        |
| Iron      | 29,200  | mg/kg EPA 6010B | 2/8/02        |
| Lead      | 3,380   | mg/kg EPA 6010B | 2/8/02        |
| Magnesium | 8,740   | mg/kg EPA 6010B | 2/8/02        |
| Manganese | 347     | mg/kg EPA 6010B | 2/8/02        |
| Nickel    | 761     | mg/kg EPA 6010B | 2/8/02        |
| Potassium | 1,650   | mg/kg EPA 6010B | 2/8/02        |
| Selenium  | <1.04   | mg/kg EPA 6010B | 2/8/02        |
| Silver    | 13.6    | mg/kg EPA 6010B | 2/8/02        |
| Sodium    | 7,813   | mg/kg EPA 6010B | 2/8/02        |
| Thallium  | 21.9    | mg/kg EPA 6010B | 2/8/02        |
| Vanadium  | 58.1    | mg/kg EPA 6010B | 2/8/02        |
| Zinc      | 1,570   | mg/kg EPA 6010B | 2/8/02        |
| Mercury   | 1.52    | mg/kg EPA 7471  | 2/11/02       |

The results are based on the dry weight.

PAGE: 4 of 4

ELAP APPROVED LAB # 10390

ELAP APPROVED LAB

ExpressLab ELAP # 11369

Approved By:

Technical Director



# Lozier Analytical Group

☐ Lozier Laboratories, Inc., #10390

888 - 841 - 5227

☐ EXPRESSLAB, Inc., #11369

800 - 843 - 5227

## LABORATORY REPORT - 8270 PAH

Cust **SAW ENVIRONMENTAL**

Address: **81 O'CONNOR RD.**

**FAIRPORT, N.Y. 14450**

Attn: **JON HEERKENS**

Phone **377-5545**

FAX **377-3861**

PO Number:

Project Number:

Project Cust: **INGLESIDE**

Project Site: **1118 MERTENSIA RD.**

Date FAXED:

Lab Director

## SAMPLE DEMOGRAPHICS AND TEST RESULTS.

Results in bold type; Detection Limits in small print

Detection Limits\* =

Soil=mg/Kg ppm

\*See Individual Limit

Results shown are: **PAH Compounds**

Extraction Method: **EPA 3550 Sonication**

Analysis Method: **EPA 8270 GC/MS**

Sample ID (LAB)

Sample ID#1(CUST)

Sample ID#2(CUST)

Matrix

Sampled By

Date Sampled

Date Received

Date Analyzed

Date Reported

|                      |       |
|----------------------|-------|
| 48966                |       |
| FUEL OIL TANK EXCAV. |       |
| EAST SIDEWALL        |       |
| SOIL                 |       |
| JON HEERKENS         |       |
| 01/29/02             | AM    |
| 02/05/02             | 12:15 |
| 02/06/02             |       |
| 02/07/02             |       |

Naphthalene

Acenaphthylene

Acenaphthene

Fluorene

Phenanthrene

Anthracene

Fluoranthene

Pyrene

Benzo(a)anthracene

Chrysene

Benzo(b)fluoranthene

Benzo(k)fluoranthene

Benzo(a)pyrene

Indeno(1,2,3-c,d)pyrene

Dibenz(a,h)anthracene

Benzo(g,h,i)perylene

| Results | Det Limit* |
|---------|------------|
| < DL(U) | 0.167      |
| < DL(U) | 0.167      |
| < DL(U) | 0.167      |
| < DL(U) | 0.167      |
| < DL(U) | 0.167      |
| < DL(U) | 0.167      |
| < DL(U) | 0.167      |
| < DL(U) | 0.167      |
| < DL(U) | 0.167      |
| < DL(U) | 0.167      |
| < DL(U) | 0.167      |
| < DL(U) | 0.167      |
| < DL(U) | 0.167      |
| < DL(U) | 0.167      |
| < DL(U) | 0.167      |
| < DL(U) | 0.167      |

\* DL = Detection Limit

Page 1

RESULTS WHEN YOU WANT THEM



# Lozier Analytical Group

☐ Lozier Laboratories, Inc., #10390

888 - 841 - 5227

☐ EXPRESSLAB, Inc., #11369

800 - 843 - 5227

## LABORATORY REPORT - 8270 PAH

Cust **SAW ENVIRONMENTAL**

Address: **81 O'CONNOR RD.**

**FAIRPORT, N.Y. 14450**

Attn: **JON HEERKENS**

Phone **377-5545**

FAX **377-3861**

PO Number:

Project Number:

Project Cust: **INGLESIDE**

Project Site: **1118 MERTENSIA RD.**

Date FAXED:

Lab Director

## SAMPLE DEMOGRAPHICS AND TEST RESULTS

Results in bold type; Detection Limits in small print

Detection Limits\* =

Soil=mg/Kg ppm

\*See Individual Limit

Results shown are: **PAH Compounds**

Extraction Method: **EPA 3550 Sonication**

Analysis Method: **EPA 8270 GC/MS**

Sample ID (LAB)

**48967**

Sample ID#1(CUST)

**FUEL OIL TANK EXCAV.**

Sample ID#2(CUST)

**WEST SIDEWALL**

Matrix

**SOIL**

Sampled By

**JON HEERKENS**

Date Sampled

**01/29/02 AM**

Date Received

**02/05/02 12:15**

Date Analyzed

**02/06/02**

Date Reported

**02/07/02**

Naphthalene

**< DL(U)** 0.167

Acenaphthylene

**< DL(U)** 0.167

Acenaphthene

**< DL(U)** 0.167

Fluorene

**< DL(U)** 0.167

Phenanthrene

**< DL(U)** 0.167

Anthracene

**< DL(U)** 0.167

Fluoranthene

**< DL(U)** 0.167

Pyrene

**< DL(U)** 0.167

Benzo(a)anthracene

**< DL(U)** 0.167

Chrysene

**< DL(U)** 0.167

Benzo(b)fluoranthene

**< DL(U)** 0.167

Benzo(k)fluoranthene

**< DL(U)** 0.167

Benzo(a)pyrene

**< DL(U)** 0.167

Indeno(1,2,3-c,d)pyrene

**< DL(U)** 0.167

Dibenz(a,h)anthracene

**< DL(U)** 0.167

Benzo(g,h,i)perylene

**< DL(U)** 0.167

\* DL = Detection Limit

Page 1

RESULTS WHEN YOU WANT THEM



# Lozier Analytical Group

☐ Lozier Laboratories, Inc., #10390

888 - 841 - 5227

☐ EXPRESSLAB, Inc., #11369

800 - 843 - 5227

## LABORATORY REPORT - 8270 PAH

Cust **SAW ENVIRONMENTAL**

Address: **81 O'CONNOR RD.**

**FAIRPORT, N.Y. 14450**

Attn: **JON HEERKENS**

Phone **377-5545**

FAX **377-3861**

PO Number:

Project Number:

Project Cust: **INGLESIDE**

Project Site: **1118 MERTENSIA RD.**

Date FAXED:

Lab Director

## SAMPLE DEMOGRAPHICS AND TEST RESULTS

Results in bold type; Detection Limits in small print

Detection Limits\* =

Soil=mg/Kg ppm

\*See Individual Limit

Results shown are: **PAH Compounds**

Extraction Method: **EPA 3550 Sonication**

Analysis Method: **EPA 8270 GC/MS**

Sample ID (LAB)

Sample ID#1(CUST)

Sample ID#2(CUST)

Matrix

Sampled By

Date Sampled

Date Received

Date Analyzed

Date Reported

**48968**

**FUEL OIL TANK EXCAV.**

**SOUTH SIDEWALL**

**SOIL**

**JON HEERKENS**

**01/29/02 AM**

**02/05/02 12:15**

**02/06/02**

**02/07/02**

Naphthalene

Acenaphthylene

Acenaphthene

Fluorene

Phenanthrene

Anthracene

Fluoranthene

Pyrene

Benzo(a)anthracene

Chrysene

Benzo(b)fluoranthene

Benzo(k)fluoranthene

Benzo(a)pyrene

Indeno(1,2,3-c,d)pyrene

Dibenz(a,h)anthracene

Benzo(g,h,i)perylene

Results Det Limit\*

|         |       |
|---------|-------|
| < DL(U) | 0.167 |
| < DL(U) | 0.167 |
| < DL(U) | 0.167 |
| < DL(U) | 0.167 |
| < DL(U) | 0.167 |
| < DL(U) | 0.167 |
| < DL(U) | 0.167 |
| < DL(U) | 0.167 |
| < DL(U) | 0.167 |
| < DL(U) | 0.167 |
| < DL(U) | 0.167 |
| < DL(U) | 0.167 |
| < DL(U) | 0.167 |
| < DL(U) | 0.167 |
| < DL(U) | 0.167 |
| < DL(U) | 0.167 |

\* DL = Detection Limit

Page 1

RESULTS WHEN YOU WANT THEM



# Lozier Analytical Group

☐ Lozier Laboratories, Inc., #10390

888 - 841 - 5227

☐ EXPRESSLAB, Inc., #11369

800 - 843 - 5227

## LABORATORY REPORT - 8270 PAH

Cust **SAW ENVIRONMENTAL**

Address: **81 O'CONNOR RD.**

**FAIRPORT, N.Y. 14450**

Attn: **JON HEERKENS**

Phone **377-5545**

FAX **377-3861**

PO Number:

Project Number:

Project Cust: **INGLESIDE**

Project Site: **1118 MERTENSIA RD.**

Date FAXED:

Lab Director

## SAMPLE DEMOGRAPHICS AND TEST RESULTS

Results in bold type; Detection Limits in small print

Detection Limits\* =

Soil=mg/Kg ppm

\*See Individual Limit

Results shown are: **PAH Compounds**

Extraction Method: **EPA 3550 Sonication**

Analysis Method: **EPA 8270 GC/MS**

Sample ID (LAB)

Sample ID#1(CUST)

Sample ID#2(CUST)

Matrix

Sampled By

Date Sampled

Date Received

Date Analyzed

Date Reported

**48969**

**FUEL OIL TANK EXCAV.**

**NORTH SIDEWALL**

**SOIL**

**JON HEERKENS**

**01/29/02 AM**

**02/05/02 12:15**

**02/06/02**

**02/07/02**

Naphthalene

Acenaphthylene

Acenaphthene

Fluorene

Phenanthrene

Anthracene

Fluoranthene

Pyrene

Benzo(a)anthracene

Chrysene

Benzo(b)fluoranthene

Benzo(k)fluoranthene

Benzo(a)pyrene

Indeno(1,2,3-c,d)pyrene

Dibenz(a,h)anthracene

Benzo(g,h,i)perylene

Results Det Limit\*

|         |       |
|---------|-------|
| < DL(U) | 0.167 |
| < DL(U) | 0.167 |
| < DL(U) | 0.167 |
| < DL(U) | 0.167 |
| < DL(U) | 0.167 |
| < DL(U) | 0.167 |
| < DL(U) | 0.167 |
| < DL(U) | 0.167 |
| < DL(U) | 0.167 |
| < DL(U) | 0.167 |
| < DL(U) | 0.167 |
| < DL(U) | 0.167 |
| < DL(U) | 0.167 |
| < DL(U) | 0.167 |
| < DL(U) | 0.167 |
| < DL(U) | 0.167 |

\* DL = Detection Limit

Page 1

RESULTS WHEN YOU WANT THEM



# Lozier Analytical Group

☐ Lozier Laboratories, Inc., #10390

888 - 841 - 5227

☐ EXPRESSLAB, Inc., #11369

800 - 843 - 5227

## LABORATORY REPORT - METHOD 8021

Cust **SAW ENVIRONMENTAL**

Address: **81 O'CONNOR RD.**

**FAIRPORT, N.Y. 14450**

Attn: **JON HEERKENS**

Phone **377-5545**

FAX **377-3861**

PO Number:

Project Number:

Project Cust: **INGLESIDE**

Project Site: **1118 MERTENSIA RD.**

Date FAXED:

Lab Director

## SAMPLE DEMOGRAPHICS AND TEST RESULTS

Results in bold type; Detection Limits in small print

Detection Limits\* =

Soil=ug/kg ppb

\*See Individual Limit

Water=ug/L ppb

Results shown are: **Volatile Organic Analytes**

Extraction Method: **EPA 5030 Purge & Trap**

Analysis Method: **EPA 8260 GC/MS**

Sample ID (LAB)

**48969**

Sample ID#1(CUST)

**FUEL OIL TANK EXCAV.**

Sample ID#2(CUST)

**NORTH SIDEWALL**

Matrix

**SOIL**

Sampled By

**JON HEERKENS**

Date Sampled

**01/29/02**

Date Received

**02/05/02 12:15**

Date Analyzed

**02/05/02**

Date Reported

**02/11/02**

Methyl-tert-butyl ether

**<DL(U)** 4.0

Benzene

**<DL(U)** 4.0

Toluene

**11.9** 4.0

Ethylbenzene

**4.2** 4.0

m&p-Xylene

**<DL(U)** 8.0

o-Xylene

**<DL(U)** 4.0

Isopropylbenzene

**<DL(U)** 4.0

n-Propylbenzene

**<DL(U)** 4.0

1,3,5-Trimethylbenzene

**<DL(U)** 4.0

tert-Butylbenzene

**<DL(U)** 4.0

1,2,4-Trimethylbenzene

**<DL(U)** 4.0

sec-Butylbenzene

**<DL(U)** 4.0

1,3-Dichlorobenzene

**<DL(U)** 4.0

4-Isopropyltoluene

**<DL(U)** 4.0

n-Butylbenzene

**<DL(U)** 4.0

Naphthalene

**<DL(U)** 10.0

< DL(U)= analyzed but not detected

L= estimated value

B=analyte found in blank

E=exceed calibration range

J= < pql but > MDL

\* DL = Detection Limit

Page 1

RESULTS WHEN YOU WANT THEM



# Lozier Analytical Group

☐ Lozier Laboratories, Inc., #10390

888 - 841 - 5227

☐ EXPRESSLAB, Inc., #11369

800 - 843 - 5227

## LABORATORY REPORT - METHOD 8021

Cust **SAW ENVIRONMENTAL**

Address: **81 O'CONNOR RD.**

**FAIRPORT, N.Y. 14450**

Attn: **JON HEERKENS**

Phone **377-5545**

FAX **377-3861**

PO Number:

Project Number:

Project Cust: **INGLESIDE**

Project Site: **1118 MERTENSIA RD.**

Date FAXED:

Lab Director

## SAMPLE DEMOGRAPHICS AND TEST RESULTS

Results in bold type; Detection Limits in small print

Detection Limits\* =

Soil=ug/kg ppb

\*See Individual Limit

Water=ug/L ppb

Results shown are: **Volatile Organic Analytes**

Extraction Method: **EPA 5030 Purge & Trap**

Analysis Method: **EPA 8260 GC/MS**

Sample ID (LAB)

**48968**

Sample ID#1(CUST)

**FUEL OIL TANK EXCAV.**

Sample ID#2(CUST)

**SOUTH SIDEWALL**

Matrix

**SOIL**

Sampled By

**JON HEERKENS**

Date Sampled

**01/29/02**

Date Received

**02/05/02 12:15**

Date Analyzed

**02/05/02**

Date Reported

**02/11/02**

Methyl-tert-butyl ether

**<DL(U)** 4.0

Benzene

**<DL(U)** 4.0

Toluene

**6.6** 4.0

Ethylbenzene

**<DL(U)** 4.0

m&p-Xylene

**<DL(U)** 8.0

o-Xylene

**<DL(U)** 4.0

Isopropylbenzene

**<DL(U)** 4.0

n-Propylbenzene

**<DL(U)** 4.0

1,3,5-Trimethylbenzene

**<DL(U)** 4.0

tert-Butylbenzene

**<DL(U)** 4.0

1,2,4-Trimethylbenzene

**<DL(U)** 4.0

sec-Butylbenzene

**<DL(U)** 4.0

1,3-Dichlorobenzene

**<DL(U)** 4.0

4-Isopropyltoluene

**<DL(U)** 4.0

n-Butylbenzene

**<DL(U)** 4.0

Naphthalene

**<DL(U)** 10.0

< DL(U)= analyzed but not detected

L= estimated value

B=analyte found in blank

E=exceed calibration range

J= < pql but > MDL

\* DL = Detection Limit

Page 1

RESULTS WHEN YOU WANT THEM



# Lozier Analytical Group

☐ Lozier Laboratories, Inc., #10390

888 - 841 - 5227

☐ EXPRESSLAB, Inc., #11369

800 - 843 - 5227

## LABORATORY REPORT - METHOD 8021

Cust **SAW ENVIRONMENTAL**

Address: **81 O'CONNOR RD.**

**FAIRPORT, N.Y. 14450**

Attn: **JON HEERKENS**

Phone **377-5545**

FAX **377-3861**

PO Number:

Project Number:

Project Cust: **INGLESIDE**

Project Site: **1118 MERTENSIA RD.**

Date FAXED:

Lab Director

## SAMPLE DEMOGRAPHICS AND TEST RESULTS

Results in bold type; Detection Limits in small print

Detection Limits\* =

Soil=ug/kg ppb

\*See Individual Limit

Water=ug/L ppb

Results shown are: **Volatile Organic Analytes**

Extraction Method: **EPA 5030 Purge & Trap**

Analysis Method: **EPA 8260 GC/MS**

Sample ID (LAB)

**48966**

Sample ID#1(CUST)

**FUEL OIL TANK EXCAV.**

Sample ID#2(CUST)

**EAST SIDEWALL**

Matrix

**SOIL**

Sampled By

**JON HEERKENS**

Date Sampled

**01/29/02**

Date Received

**02/05/02 12:15**

Date Analyzed

**02/05/02**

Date Reported

**02/11/02**

Results Det Limit\*

Methyl-tert-butyl ether

**<DL(U)** 4.0

Benzene

**<DL(U)** 4.0

Toluene

**11.2** 4.0

Ethylbenzene

**<DL(U)** 4.0

m&p-Xylene

**12.0** 8.0

o-Xylene

**4.2** 4.0

Isopropylbenzene

**<DL(U)** 4.0

n-Propylbenzene

**<DL(U)** 4.0

1,3,5-Trimethylbenzene

**<DL(U)** 4.0

tert-Butylbenzene

**<DL(U)** 4.0

1,2,4-Trimethylbenzene

**4.2** 4.0

sec-Butylbenzene

**<DL(U)** 4.0

1,3-Dichlorobenzene

**<DL(U)** 4.0

4-Isopropyltoluene

**<DL(U)** 4.0

n-Butylbenzene

**<DL(U)** 4.0

Naphthalene

**<DL(U)** 10.0

< DL(U)= analyzed but not detected

L= estimated value

B=analyte found in blank

E=exceed calibration range

J= < pql but > MDL

\* DL = Detection Limit

Page 1

RESULTS WHEN YOU WANT THEM



# Lozier Analytical Group

☐ Lozier Laboratories, Inc., #10390

888 - 841 - 5227

☐ EXPRESSLAB, Inc., #11369

800 - 843 - 5227

## LABORATORY REPORT - METHOD 8021

Cust **SAW ENVIRONMENTAL**

Address: **81 O'CONNOR RD.**

**FAIRPORT, N.Y. 14450**

Attn: **JON HEERKENS**

Phone **377-5545**

FAX **377-3861**

PO Number:

Project Number:

Project Cust: **INGLESIDE**

Project Site: **1118 MERTENSIA RD.**

Date FAXED:

Lab Director

## SAMPLE DEMOGRAPHICS AND TEST RESULTS

Results in bold type; Detection Limits in small print

Detection Limits\* =

Soil=ug/kg ppb

\*See Individual Limit

Water=ug/L ppb

Results shown are: **Volatile Organic Analytes**

Extraction Method: **EPA 5030 Purge & Trap**

Analysis Method: **EPA 8260 GC/MS**

Sample ID (LAB)

**48967**

Sample ID#1(CUST)

**FUEL OIL TANK EXCAV.**

Sample ID#2(CUST)

**WEST SIDEWALL**

Matrix

**SOIL**

Sampled By

**JON HEERKENS**

Date Sampled

**01/29/02**

Date Received

**02/05/02 12:15**

Date Analyzed

**02/05/02**

Date Reported

**02/11/02**

Results Det Limit\*

Methyl-tert-butyl ether

**<DL(U)** 4.0

Benzene

**<DL(U)** 4.0

Toluene

**8.0** 4.0

Ethylbenzene

**<DL(U)** 4.0

m&p-Xylene

**<DL(U)** 8.0

o-Xylene

**<DL(U)** 4.0

Isopropylbenzene

**<DL(U)** 4.0

n-Propylbenzene

**<DL(U)** 4.0

1,3,5-Trimethylbenzene

**<DL(U)** 4.0

tert-Butylbenzene

**<DL(U)** 4.0

1,2,4-Trimethylbenzene

**<DL(U)** 4.0

sec-Butylbenzene

**<DL(U)** 4.0

1,3-Dichlorobenzene

**<DL(U)** 4.0

4-Isopropyltoluene

**<DL(U)** 4.0

n-Butylbenzene

**<DL(U)** 4.0

Naphthalene

**<DL(U)** 10.0

< DL(U)= analyzed but not detected

L= estimated value

B=analyte found in blank

E=exceed calibration range

J= < pql but > MDL

\* DL = Detection Limit

Page 1

RESULTS WHEN YOU WANT THEM



# Lozier Analytical Group

☐ Lozier Laboratories, Inc., #10390

888 - 841 - 5227

☐ EXPRESSLAB, Inc., #11369

800 - 843 - 5227

## LABORATORY REPORT - METHOD 8021

Cust **SAW ENVIRONMENTAL**

Address: **81 O'CONNOR RD.**

**FAIRPORT, N.Y. 14450**

Attn: **JON HEERKENS**

Phone **377-5545**

FAX **377-3861**

PO Number:

Project Number:

Project Cust: **INGLESIDE**

Project Site: **1118 MERTENSIA RD.**

Date FAXED:

Lab Director

## SAMPLE DEMOGRAPHICS AND TEST RESULTS

Results in bold type; Detection Limits in small print

Detection Limits\* =

Soil=ug/kg ppb

\*See Individual Limit

Water=ug/L ppb

Results shown are: **Volatile Organic Analytes**

Extraction Method: **EPA 5030 Purge & Trap**

Analysis Method: **EPA 8260 GC/MS**

Sample ID (LAB)

**48965**

Sample ID#1(CUST)

**FUEL OIL TANK EXCAV.**

Sample ID#2(CUST)

**BASE**

Matrix

**SOIL**

Sampled By

**JON HEERKENS**

Date Sampled

**01/29/02 AM**

Date Received

**02/05/02 12:15**

Date Analyzed

**02/05/02**

Date Reported

**02/11/02**

Results Det Limit\*

Methyl-tert-butyl ether

**<DL(U)** 4.0

Benzene

**<DL(U)** 4.0

Toluene

**8.7** 4.0

Ethylbenzene

**<DL(U)** 4.0

m&p-Xylene

**<DL(U)** 8.0

o-Xylene

**<DL(U)** 4.0

Isopropylbenzene

**<DL(U)** 4.0

n-Propylbenzene

**<DL(U)** 4.0

1,3,5-Trimethylbenzene

**<DL(U)** 4.0

tert-Butylbenzene

**<DL(U)** 4.0

1,2,4-Trimethylbenzene

**<DL(U)** 4.0

sec-Butylbenzene

**<DL(U)** 4.0

1,3-Dichlorobenzene

**<DL(U)** 4.0

4-Isopropyltoluene

**<DL(U)** 4.0

n-Butylbenzene

**<DL(U)** 4.0

Naphthalene

**<DL(U)** 10.0

<DL(U)= analyzed but not detected

L= estimated value

B=analyte found in blank

E=exceed calibration range

J= < pql but > MDL

\* DL = Detection Limit

Page 1

RESULTS WHEN YOU WANT THEM

8965 48966 48967 48968 48969 48970 48971  
 8972 48973 48974  
 8975

MANILLA  
COPY

43-5227

4-4114

"Specializing in Environmental Soil Tests"

Customer: SAW Environmental  
 Address: 81 O'Connor Road  
 City / State / Zip: Fairport NY 14450  
 Phone: (585) 377-5545  
 Fax: (585) 377-3861  
 Contact: Jon Heerkens

10 Day Fast Results - 2/19/02  
 20 Day ASPB Deliverable Package

Date Due: / / 3/3/02

☒ Standard Service

☐ Rush Service

PO No.:  
 Project No.:  
 Project Cust.: Ingleside  
 Project Site: 1117 Mertensia Rd  
 Spill No.:  
 Pin No.:

## Sample Demographics and Parameters for Analysis

Special Instructions:

Parameters for Analysis

Suspect Ingredient:

☐ Diesel

☐ Gasoline

☐ Oil

### MATRIX

Aqueous

Soil

Other

EPA Method 2021 stars

EPA Method 2020 stars

ASP Cat B Protocol

IAL Method 6010B

| Date    | Time | Sample Description & Location | Aqueous | Soil | Other | EPA Method 2021 stars | EPA Method 2020 stars | ASP Cat B Protocol | IAL Method 6010B |
|---------|------|-------------------------------|---------|------|-------|-----------------------|-----------------------|--------------------|------------------|
| -29-02  | AM   | Fuel Oil Tank Excavation Base |         | X    |       | X                     | X                     | X                  |                  |
| -29-02  | AM   | " East Sidesail               |         | X    |       | X                     | X                     |                    |                  |
| -29-02  | AM   | " West "                      |         | X    |       | X                     | X                     |                    |                  |
| -29-02  | AM   | " South "                     |         | X    |       | X                     | X                     |                    |                  |
| -29-02  | AM   | " North "                     |         | X    |       | X                     | X                     |                    |                  |
| -29-02  | PM   | Drain Pipe Joint 1            |         | X    |       |                       |                       |                    | X                |
| -29-02  | PM   | " " " 2                       |         | X    |       |                       |                       |                    | X                |
| -29-02  | PM   | " " " 3                       |         | X    |       |                       |                       |                    | X                |
| 1-29-02 | PM   | " " " 4                       |         | X    |       |                       |                       |                    | X                |
| 1-29-02 | PM   | " " " 5                       |         | X    |       |                       |                       |                    | X                |
| 1-29-02 | PM   | " " " 6                       |         | X    |       |                       |                       |                    | X                |

## Chain of Custody Record

# of Samples: 11

Samples Sent By: ☐ ExpressMail

☒ Hand Delivery

# of Containers: 14

Custody Seal Intact? ☒ Yes

☐ No

☐ N/A

Sampler: Jon Heerkens

Shipment Complete? ☒ Yes

☐ No

☐ N/A

Signature: Jon Heerkens

Temperature: 3.5° Fahrenheit

### SAMPLES RELENGISHED BY

### SAMPLES RECEIVED BY

| Name & Signature | Date and Time | Name & Signature | Date and Time |
|------------------|---------------|------------------|---------------|
| Jon Heerkens     | 2-5-02 12:00  |                  |               |
|                  |               |                  |               |
|                  |               |                  |               |
|                  |               |                  |               |

Received for Laboratory By:

Sam Vanington 2/5/02 12:15

"Results when YOU want them!"



# Laboratory Test Report



## Lozier Laboratories, Inc.

5611 Water St.  
Middlesex NY, 14507  
Phone (585)-654-6350  
Fax (585)-554-4114

New York State  
Approved  
Environmental Laboratory  
# 10390

Prepared for: ExpressLab, Inc.  
5611 Water St., Middlesex, NY 14507

Laboratory Number: 16146

Report Date: 2/21/02

ExpressLab Client: SAW Environmental  
81 O'Connor RD.  
Fairport, NY 14450

Attention: Jon Heerkens

### Sample Information

Date Received at Lozier: 2/14/02  
Date Received at ExpressLab: 2/14/02  
Sample Date: 2/12/02  
Sampled By: Client  
Matrix: Soil

Client PO Number:  
Client Project Number: Ingleside  
Client Customer and Site: 1118 Mertensia Rd.

| Lozier Sample ID:     | 16146--1                | 16146--2                |       |                  |                  |
|-----------------------|-------------------------|-------------------------|-------|------------------|------------------|
| ExpressLab Sample ID: | 49130                   | 49131                   |       |                  |                  |
| SAW Env. Sample ID:   | South Wall<br>Composite | North Wall<br>Composite |       |                  |                  |
| Parameter             |                         |                         | Units | Method<br>Number | Analysis<br>Date |
| Aluminum              | 8,255                   | 15,667                  | mg/kg | EPA 6010B        | 2/16/02          |
| Antimony              | <0.30                   | 1.29                    | mg/kg | EPA 6010B        | 2/16/02          |
| Arsenic               | 0.816                   | 3.43                    | mg/kg | EPA 6010B        | 2/16/02          |
| Barium                | 94.98                   | 1,061                   | mg/kg | EPA 6010B        | 2/16/02          |
| Beryllium             | 0.155                   | 0.294                   | mg/kg | EPA 6010B        | 2/16/02          |
| Cadmium               | 1.33                    | 1.91                    | mg/kg | EPA 6010B        | 2/16/02          |
| Calcium               | 3,934                   | 28,382                  | mg/kg | EPA 6010B        | 2/16/02          |
| Chromium              | 279                     | 1,798                   | mg/kg | EPA 6010B        | 2/16/02          |
| Cobalt                | 1.82                    | 2.78                    | mg/kg | EPA 6010B        | 2/16/02          |
| Copper                | 96.02                   | 275                     | mg/kg | EPA 6010B        | 2/16/02          |
| Iron                  | 8,876                   | 18,829                  | mg/kg | EPA 6010B        | 2/16/02          |
| Lead                  | 8.23                    | 124                     | mg/kg | EPA 6010B        | 2/16/02          |
| Magnesium             | 1,928                   | 12,924                  | mg/kg | EPA 6010B        | 2/16/02          |
| Manganese             | 42.07                   | 118.3                   | mg/kg | EPA 6010B        | 2/16/02          |
| Nickel                | 65.91                   | 17.05                   | mg/kg | EPA 6010B        | 2/16/02          |
| Potassium             | 731                     | 1,191                   | mg/kg | EPA 6010B        | 2/16/02          |
| Selenium              | <0.50                   | <0.50                   | mg/kg | EPA 6010B        | 2/16/02          |
| Silver                | <0.50                   | <0.50                   | mg/kg | EPA 6010B        | 2/16/02          |
| Sodium                | 284                     | 171                     | mg/kg | EPA 6010B        | 2/16/02          |
| Thallium              | 6.86                    | 17.2                    | mg/kg | EPA 6010B        | 2/16/02          |
| Vanadium              | 14.85                   | 13.7                    | mg/kg | EPA 6010B        | 2/16/02          |
| Zinc                  | 68.61                   | 54.4                    | mg/kg | EPA 6010B        | 2/16/02          |
| Mercury               | 0.029                   | 0.092                   | mg/kg | EPA 7471         | 2/16/02          |

The results are based on the dry weight.

PAGE: 1 of 3

ELAP APPROVED LAB # 10390

NELAP APPROVED LAB

ExpressLab ELAP # 11369

Approved By:

Technical Director

# Laboratory Test Report



## Lozier Laboratories, Inc.

5611 Water St.  
Middlesex NY, 14507  
Phone (585)-654-6350  
Fax (585)-554-4114

New York State  
Approved  
Environmental Laboratory  
# 10390

Prepared for: ExpressLab, Inc.  
5611 Water St., Middlesex, NY 14507

Laboratory Number: 16146

Report Date: 2/21/02

ExpressLab Client: SAW Environmental  
81 O'Connor RD.  
Fairport, NY 14450

Attention: Jon Heerkens

Client PO Number:  
Client Project Number: Ingleside  
Client Customer and Site: 1118 Mertensia Rd.

### Sample Information

Date Received at Lozier: 2/14/02  
Date Received at ExpressLab: 2/14/02  
Sample Date: 2/12/02  
Sampled By: Client  
Matrix: Soil

| Lozier Sample ID:     | 16146--3               | 16146--4               |       |                  |                  |
|-----------------------|------------------------|------------------------|-------|------------------|------------------|
| ExpressLab Sample ID: | 49132                  | 49133                  |       |                  |                  |
| SAW Env. Sample ID:   | East Wall<br>Composite | West Wall<br>Composite |       |                  |                  |
| Parameter             |                        |                        | Units | Method<br>Number | Analysis<br>Date |
| Aluminum              | 6,894                  | 8,492                  | mg/kg | EPA 6010B        | 2/16/02          |
| Antimony              | <0.3                   | <0.30                  | mg/kg | EPA 6010B        | 2/16/02          |
| Arsenic               | 1.32                   | 1.04                   | mg/kg | EPA 6010B        | 2/16/02          |
| Barium                | 76.7                   | 157                    | mg/kg | EPA 6010B        | 2/16/02          |
| Beryllium             | 0.255                  | 0.17                   | mg/kg | EPA 6010B        | 2/16/02          |
| Cadmium               | 2.36                   | 1.93                   | mg/kg | EPA 6010B        | 2/16/02          |
| Calcium               | 20,196                 | 15,171                 | mg/kg | EPA 6010B        | 2/16/02          |
| Chromium              | 130                    | 210                    | mg/kg | EPA 6010B        | 2/16/02          |
| Cobalt                | 2.88                   | 3.36                   | mg/kg | EPA 6010B        | 2/16/02          |
| Copper                | 31.8                   | 62.18                  | mg/kg | EPA 6010B        | 2/16/02          |
| Iron                  | 11,048                 | 10,498                 | mg/kg | EPA 6010B        | 2/16/02          |
| Lead                  | 14.04                  | 18.98                  | mg/kg | EPA 6010B        | 2/16/02          |
| Magnesium             | 10,698                 | 8,853                  | mg/kg | EPA 6010B        | 2/16/02          |
| Manganese             | 166                    | 125                    | mg/kg | EPA 6010B        | 2/16/02          |
| Nickel                | 9.89                   | 15.23                  | mg/kg | EPA 6010B        | 2/16/02          |
| Potassium             | 809                    | 1,337                  | mg/kg | EPA 6010B        | 2/16/02          |
| Selenium              | <0.50                  | <0.50                  | mg/kg | EPA 6010B        | 2/16/02          |
| Silver                | <0.50                  | <0.50                  | mg/kg | EPA 6010B        | 2/16/02          |
| Sodium                | <70.0                  | <70.0                  | mg/kg | EPA 6010B        | 2/16/02          |
| Thallium              | 10.2                   | 6.84                   | mg/kg | EPA 6010B        | 2/16/02          |
| Vanadium              | 14.1                   | 16.9                   | mg/kg | EPA 6010B        | 2/16/02          |
| Zinc                  | 60.8                   | 142                    | mg/kg | EPA 6010B        | 2/16/02          |
| Mercury               | 0.055                  | 0.159                  | mg/kg | EPA 7471         | 2/16/02          |

The results are based on the dry weight.

PAGE: 2 of 3

ELAP APPROVED LAB # 10390  
NELAP APPROVED LAB  
ExpressLab ELAP # 11369

Approved By: \_\_\_\_\_

Technical Director

# Laboratory Test Report



## Lozier Laboratories, Inc.

5611 Water St.  
Middlesex NY, 14507  
Phone (585)-654-6350  
Fax (585)-554-4114

New York State  
Approved  
Environmental Laboratory  
# 10390

Prepared for: ExpressLab, Inc.  
5611 Water St., Middlesex, NY 14507

Laboratory Number: 16146

Report Date: 2/21/02

ExpressLab Client: SAW Environmental  
81 O'Connor RD.  
Fairport, NY 14450  
Attention: Jon Heerkens

### Sample Information

Date Received at Lozier: 2/14/02  
Date Received at ExpressLab: 2/14/02  
Sample Date: 2/12/02  
Sampled By: Client  
Matrix: Soil

Client PO Number:  
Client Project Number: Ingleside  
Client Customer and Site: 1118 Mertensia Rd.

Lozier Sample ID: 16146--5  
ExpressLab Sample ID: 49134  
SAW Env. Sample ID: Base Grab

| Parameter | Units  | Method Number   | Analysis Date |
|-----------|--------|-----------------|---------------|
| Aluminum  | 7,991  | mg/kg EPA 6010B | 2/16/02       |
| Antimony  | <0.3   | mg/kg EPA 6010B | 2/16/02       |
| Arsenic   | 2.07   | mg/kg EPA 6010B | 2/16/02       |
| Barium    | 356    | mg/kg EPA 6010B | 2/16/02       |
| Beryllium | 0.33   | mg/kg EPA 6010B | 2/16/02       |
| Cadmium   | 1.7    | mg/kg EPA 6010B | 2/16/02       |
| Calcium   | 37,773 | mg/kg EPA 6010B | 2/16/02       |
| Chromium  | 334    | mg/kg EPA 6010B | 2/16/02       |
| Cobalt    | 3.74   | mg/kg EPA 6010B | 2/16/02       |
| Copper    | 108    | mg/kg EPA 6010B | 2/16/02       |
| Iron      | 15,628 | mg/kg EPA 6010B | 2/16/02       |
| Lead      | 69.50  | mg/kg EPA 6010B | 2/16/02       |
| Magnesium | 21,577 | mg/kg EPA 6010B | 2/16/02       |
| Manganese | 165    | mg/kg EPA 6010B | 2/16/02       |
| Nickel    | 12.4   | mg/kg EPA 6010B | 2/16/02       |
| Potassium | 1,575  | mg/kg EPA 6010B | 2/16/02       |
| Selenium  | <0.50  | mg/kg EPA 6010B | 2/16/02       |
| Silver    | <0.50  | mg/kg EPA 6010B | 2/16/02       |
| Sodium    | 155    | mg/kg EPA 6010B | 2/16/02       |
| Thallium  | 12.2   | mg/kg EPA 6010B | 2/16/02       |
| Vanadium  | 17.9   | mg/kg EPA 6010B | 2/16/02       |
| Zinc      | 108    | mg/kg EPA 6010B | 2/16/02       |
| Mercury   | 0.043  | mg/kg EPA 7471  | 2/16/02       |

The results are based on the dry weight.

PAGE: 3 of 3

ELAP APPROVED LAB # 10390  
NELAP APPROVED LAB  
ExpressLab ELAP # 11369

Approved By: \_\_\_\_\_

*[Signature]*  
Technical Director

1130 49131 49132 49133 49134 MANILLA COPY

ORDER

P.O. Box 40, 5611 Water Street, Middlesex, NY 14507  
NY #11369 NJ #73744 CA #2055 SC #91011

Phone #: 800-843-5227

Fax #: 585-554-4114

"Specializing in Environmental Soil Tests"

Customer: SAW Environmental

Address: 81 O'Connor Road

City / State / Zip: Fairport NY 14450

Phone: (585) 377-5545

Fax: (585) 377-3861

Contact: Jon Heerkens

Date Due: 2/19/02

☒ Standard Service☐ Rush Service

PO No.:

Project No.:

Project Cust.: Ingleside

Project Site: 1118 Mertensia

Spill No.:

Pin No.:

## Sample Demographics and Parameters for Analysis

Special Instructions: Composite samples - mix  
thoroughly

Parameters for Analysis

Suspect Ingredient:

☐ Diesel☐ Gasoline☐ Oil

MATRIX

Aqueous

Soil

Other

TAL Metals 6010B

Date Time Sample Description &amp; Location

|         |      |                      |
|---------|------|----------------------|
| 2-12-02 | 2:15 | South Wall Composite |
| 2-12-02 | 2:15 | North Wall Composite |
| 2-12-02 | 2:15 | East Wall Composite  |
| 2-12-02 | 2:15 | West Wall Composite  |
| 2-12-02 | 2:15 | Base Grab            |

## Chain of Custody Record

# of Samples: 5

# of Containers: 5

Sampler: Jon Heerkens

Signature: Jon Heerkens

Samples Sent By: ☐ Express Mail☐ Hand DeliveryCustody Seal Intact? ☒ Yes☐ No☐ N/AShipment Complete? ☒ Yes☐ No☐ N/A

Temperature: 42 Fahrenheit

SAMPLES RELINQUISHED BY

SAMPLES RECEIVED BY

Name &amp; Signature

Date and Time

Name &amp; Signature

Date and Time

Received for Laboratory By:

"Results when YOU want them!"

LOZIER ANALYTICAL  
GROUP

Original - Lab Copy: Yellow - Customer Copy: Pink - Sampler Copy

CONFIDENTIAL  
INFORMATION

# Laboratory Test Report



## Lozier Laboratories, Inc.

5611 Water St.  
Middlesex NY, 14507  
Phone (585)-654-6350  
Fax (585)-554-4114

New York State  
Approved  
Environmental Laboratory  
# 10390

Prepared for: ExpressLab, Inc.  
5611 Water St., Middlesex, NY 14507

Laboratory Number: 16555

ExpressLab Client: SAW Environmental  
81 O'Connor Rd.  
Fairport, NY 14450

Report Date: 4/3/02

Attention: Jon Heerkens

### Sample Information

Date Received at Lozier: 3/25/02  
Date Received at ExpressLab: 3/25/02  
Sample Date: 3/23/02  
Sampled By: Client  
Matrix: Soil

Client PO Number:  
Client Project Number: Ingleside Machine  
Client Customer and Site: 1118 Mertensia Rd.

Method Number: EPA 6010B SM 4500  
Date Analyzed: 4/3/02 3/27/02  
Units: mg/kg mg/l

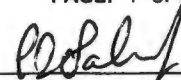
| Lozier Sample ID: | ExpressLab Sample ID: | Saw Environmental Sample ID: | Total Chromium | Total Cyanide |         |
|-------------------|-----------------------|------------------------------|----------------|---------------|---------|
| 16555--1          | 50060                 | West Side Wall               | 85.6           | -             |         |
| 16555--2          | 50061                 | East Side Wall               | 22.7           | -             |         |
| 16555--3          | 50062                 | North Side Wall              | 2225           | -             |         |
| 16555--4          | 50063                 | South Side Wall              | 80.5           | -             |         |
| 16555--5          | 50064                 | Base                         | 135            | -             |         |
| 16555--6          | 50065                 | Rock Coating                 | 11387          | -             |         |
| 16555--7          | 50066                 | Joint 5                      | 124            | -             |         |
| 16555--8          | 50067                 | Joint 6                      | 89.9           | -             |         |
| 16555--9          | 50068                 | Staged Soil                  | -              | 0.115         | 3/27/02 |

The results are based on the dry weight.

ELAP APPROVED LAB # 10390  
NELAP APPROVED LAB  
ExpressLab ELAP # 11369

PAGE: 1 of 1

Approved By: \_\_\_\_\_

  
Technical Director





# PARADIGM

ENVIRONMENTAL SERVICES, INC.

179 Lake Avenue, Rochester, NY 14608 (716) 647-2530 FAX (716) 647-3311

Client: **SAW Environmental**

Lab Project No.: 02-1261

Client Job Site: Ingleside

Sample Type: Soil  
Method: SW 846: 3050, 6010

Client Job No.: N/A

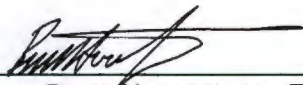
Date(s) Sampled: 05/21/02  
Date Received: 05/21/02  
Date Analyzed: 05/29/02

## Laboratory Report for Soil Analysis

| Lab Sample No. | Field ID No. | Field Location | Chromium Result (mg/kg) |
|----------------|--------------|----------------|-------------------------|
| 4867           | N/A          | South Wall     | 52.3                    |
| 4868           | N/A          | North Wall     | 21.1                    |
| 4869           | N/A          | West Wall S    | 167                     |
| 4870           | N/A          | West Wall N    | 161                     |
| 4871           | N/A          | East Wall S    | 99.4                    |
| 4872           | N/A          | East Wall N    | 88.4                    |
| 4873           | N/A          | Base North     | 47.9                    |
| 4874           | N/A          | Base Center    | 113                     |
| 4875           | N/A          | Base South     | 64.5                    |
| 4876           | N/A          | Drain 5        | 28.6                    |
|                |              |                |                         |
|                |              |                |                         |

ELAP ID No.: 10709

Comments:

Approved By:   
Bruce Hoogesteger, Technical Director

# PARADIGM ENVIRONMENTAL SERVICES, INC.

179 Lake Avenue  
Rochester, NY 14608  
(716) 647-2530 \* (800) 724-1997  
FAX: (716) 647-3311

## CHAIN OF CUSTODY

REPORT TO:

INVOICE TO:

|                                    |  |                          |                       |  |        |                                                                                                                                                       |  |                                 |  |
|------------------------------------|--|--------------------------|-----------------------|--|--------|-------------------------------------------------------------------------------------------------------------------------------------------------------|--|---------------------------------|--|
| COMPANY: <u>2860 Environmental</u> |  |                          | COMPANY: <u>2860E</u> |  |        | LAB PROJECT #:                                                                                                                                        |  | CLIENT PROJECT #:               |  |
| ADDRESS: <u>21 O'Connor Rd</u>     |  |                          | ADDRESS:              |  |        | <u>02 1261</u>                                                                                                                                        |  |                                 |  |
| CITY: <u>Fairport</u>              |  | STATE: <u>NY</u>         | CITY:                 |  | STATE: | ZIP:                                                                                                                                                  |  | TURNAROUND TIME: (WORKING DAYS) |  |
| PHONE: <u>716 377-5545</u>         |  | FAX: <u>716 377-3761</u> | PHONE:                |  | FAX:   |                                                                                                                                                       |  |                                 |  |
| ATTN: <u>Jon Heerleken</u>         |  |                          | ATTN:                 |  |        | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input checked="" type="checkbox"/> 5 <input type="checkbox"/> OTHER |  |                                 |  |
| COMMENTS:                          |  |                          |                       |  |        |                                                                                                                                                       |  |                                 |  |

PROJECT NAME/SITE NAME:

Ingleside

### REQUESTED ANALYSIS

| DATE      | TIME             | COMPOSITE | GRAB | SAMPLE LOCATION/FIELD ID | MATRIX | CONTAINERS | ANALYST | REMARKS | PARADIGM LAB SAMPLE NUMBER |
|-----------|------------------|-----------|------|--------------------------|--------|------------|---------|---------|----------------------------|
| 15-21-02  | 10 <sup>30</sup> | X         |      | South Wall               | Soil   | 1          | X       |         | 4867                       |
| 25-21-02  |                  |           |      | North Wall               |        |            | X       |         | 4868                       |
| 35-21-02  |                  |           |      | West Wall (S)            |        |            | X       |         | 4869                       |
| 45-21-02  |                  |           |      | West Wall (N)            |        |            | X       |         | 4870                       |
| 55-21-02  |                  |           |      | East Wall (S)            |        |            | X       |         | 4871                       |
| 65-21-02  |                  |           |      | East Wall (N)            |        |            | X       |         | 4872                       |
| 75-21-02  |                  |           |      | Base North               |        |            | X       |         | 4873                       |
| 85-21-02  |                  |           |      | Base Center              |        |            | X       |         | 4874                       |
| 95-21-02  |                  |           |      | Base South               |        |            | X       |         | 4875                       |
| 105-21-02 |                  |           |      | Ditch 5                  |        |            | X       |         | 4876                       |

**\*\*LAB USE ONLY\*\***

|                                                              |                                          |                                         |                                        |                                                      |
|--------------------------------------------------------------|------------------------------------------|-----------------------------------------|----------------------------------------|------------------------------------------------------|
| SAMPLE CONDITION: Check box if acceptable or note deviation: | CONTAINER TYPE: <input type="checkbox"/> | PRESERVATIONS: <input type="checkbox"/> | HOLDING TIME: <input type="checkbox"/> | TEMPERATURE: <input checked="" type="checkbox"/> 22° |
|--------------------------------------------------------------|------------------------------------------|-----------------------------------------|----------------------------------------|------------------------------------------------------|

|                                   |                                 |                    |                                |             |
|-----------------------------------|---------------------------------|--------------------|--------------------------------|-------------|
| Sampled By: <u>Jon Heerleken</u>  | Date/Time: <u>5-21-02 4:30</u>  | Relinquished By:   | Date/Time:                     | Total Cost: |
| Relinquished By:                  | Date/Time:                      | Received By:       | Date/Time:                     |             |
| Received By: <u>John J. J. J.</u> | Date/Time: <u>5/21/02 10:30</u> | Received @ Lab By: | Date/Time: <u>5/21/02 17:0</u> | P.I.F.      |

**PARADIGM**

ENVIRONMENTAL SERVICES, INC.

179 Lake Avenue, Rochester, NY 14608 (585) 647-2530 FAX (585) 647-3311

Client: SAW Environmental

Lab Project No.: 02-2571

Client Job Site: Ingleside

Sample Type: Water  
Method: EPA 180.1

Client Job No.: N/A

Date(s) Sampled: 10/8/02

Date Received: 10/8/02

Date Analyzed: 10/8/02

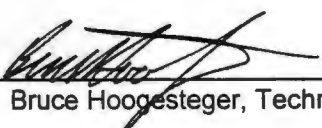
**Laboratory Report for Turbidity Results**

| Lab Sample No. | Field ID No. | Field Location | Turbidity Results (NTU) |
|----------------|--------------|----------------|-------------------------|
| 10082          | N/A          | MW-2           | 428                     |
| 10083          | N/A          | MW-3           | 63.3                    |
| 10084          | N/A          | MW-4           | 23.3                    |
|                |              |                |                         |
|                |              |                |                         |
|                |              |                |                         |
|                |              |                |                         |
|                |              |                |                         |
|                |              |                |                         |
|                |              |                |                         |

ELAP ID No.: 10958

Comments:

Approved By: \_\_\_\_\_

  
Bruce Hoogesteger, Technical Director

**PARADIGM**

ENVIRONMENTAL SERVICES, INC.

179 Lake Avenue, Rochester, NY 14608 (585) 647-2530 FAX (585) 647-3311

Client: **SAW Environmental**

Lab Project No. 02-2571

Lab Sample No. 10082

Client Job Site: Ingleside

Sample Type: Water

Client Job No.: N/A

Date Sampled: 10/7/02

Field Location: MW-2

Date Received: 10/8/02

Field ID No.: N/A

**Laboratory Report for TAL Metals Analysis in Waters**

| Parameter | Date Analyzed | Analytical Method | Result (mg/L) |
|-----------|---------------|-------------------|---------------|
| Aluminum  | 10/10/02      | SW846 6010        | 41.2          |
| Antimony  | 10/10/02      | SW846 6010        | <0.060        |
| Arsenic   | 10/10/02      | SW846 6010        | 0.016         |
| Barium    | 10/10/02      | SW846 6010        | 0.583         |
| Beryllium | 10/10/02      | SW846 6010        | <0.005        |
| Cadmium   | 10/10/02      | SW846 6010        | <0.005        |
| Calcium   | 10/15/02      | SW846 6010        | 330           |
| Chromium  | 10/10/02      | SW846 6010        | 0.049         |
| Cobalt    | 10/10/02      | SW846 6010        | 0.020         |
| Copper    | 10/10/02      | SW846 6010        | 0.038         |
| Iron      | 10/10/02      | SW846 6010        | 39.6          |
| Lead      | 10/10/02      | SW846 6010        | 0.031         |
| Magnesium | 10/10/02      | SW846 6010        | 169           |
| Manganese | 10/10/02      | SW846 6010        | 0.757         |
| Mercury   | 10/15/02      | SW846 7471        | 0.0004        |
| Nickel    | 10/10/02      | SW846 6010        | 0.058         |
| Potassium | 10/16/02      | SW846 6010        | 24.4          |
| Selenium  | 10/10/02      | SW846 6010        | <.0005        |
| Silver    | 10/10/02      | SW846 6010        | <0.010        |
| Sodium    | 10/10/02      | SW846 6010        | 28.8          |
| Thallium  | 10/10/02      | SW846 6010        | <0.006        |
| Vanadium  | 10/10/02      | SW846 6010        | 0.067         |
| Zinc      | 10/10/02      | SW846 6010        | 0.124         |

ELAP ID No.:10958

Comments:

Approved By: \_\_\_\_\_

  
Bruce Hoogesteger, Technical Director

Client: **SAW Environmental**

Lab Project No. 02-2571

Lab Sample No. 10083

Client Job Site: Ingleside

Sample Type: Water

Client Job No.: N/A

Date Sampled: 10/7/02

Field Location: MW-3

Date Received: 10/8/02

Field ID No.: N/A

**Laboratory Report for TAL Metals Analysis in Waters**

| Parameter | Date Analyzed | Analytical Method | Result (mg/L) |
|-----------|---------------|-------------------|---------------|
| Aluminum  | 10/10/02      | SW846 6010        | 3.41          |
| Antimony  | 10/10/02      | SW846 6010        | <0.060        |
| Arsenic   | 10/10/02      | SW846 6010        | <0.005        |
| Barium    | 10/10/02      | SW846 6010        | 0.496         |
| Beryllium | 10/10/02      | SW846 6010        | <0.005        |
| Cadmium   | 10/10/02      | SW846 6010        | <0.005        |
| Calcium   | 10/10/02      | SW846 6010        | 132           |
| Chromium  | 10/10/02      | SW846 6010        | <0.010        |
| Cobalt    | 10/10/02      | SW846 6010        | <0.010        |
| Copper    | 10/10/02      | SW846 6010        | <0.010        |
| Iron      | 10/10/02      | SW846 6010        | 4.08          |
| Lead      | 10/10/02      | SW846 6010        | 0.006         |
| Magnesium | 10/10/02      | SW846 6010        | 62.8          |
| Manganese | 10/10/02      | SW846 6010        | 0.128         |
| Mercury   | 10/15/02      | SW846 7471        | <0.0002       |
| Nickel    | 10/10/02      | SW846 6010        | <0.040        |
| Potassium | 10/16/02      | SW846 6010        | 6.78          |
| Selenium  | 10/10/02      | SW846 6010        | <0.005        |
| Silver    | 10/10/02      | SW846 6010        | <0.010        |
| Sodium    | 10/15/02      | SW846 6010        | 91.0          |
| Thallium  | 10/10/02      | SW846 6010        | <0.006        |
| Vanadium  | 10/10/02      | SW846 6010        | <0.010        |
| Zinc      | 10/10/02      | SW846 6010        | <0.020        |

ELAP ID No.:10958

Comments:

Approved By: \_\_\_\_\_

Bruce Hoogesteger, Technical Director

**PARADIGM**

ENVIRONMENTAL SERVICES, INC.

179 Lake Avenue, Rochester, NY 14608 (585) 647-2530 FAX (585) 647-3311

Client: **SAW Environmental**

Lab Project No. 02-2571

Lab Sample No. 10084

Client Job Site: Ingleside

Sample Type: Water

Client Job No.: N/A

Date Sampled: 10/7/02

Field Location: MW-4

Date Received: 10/8/02

Field ID No.: N/A

**Laboratory Report for TAL Metals Analysis in Waters**

| Parameter | Date Analyzed | Analytical Method | Result (mg/L) |
|-----------|---------------|-------------------|---------------|
| Aluminum  | 10/10/02      | SW846 6010        | 0.929         |
| Antimony  | 10/10/02      | SW846 6010        | <0.060        |
| Arsenic   | 10/10/02      | SW846 6010        | <0.005        |
| Barium    | 10/10/02      | SW846 6010        | 0.368         |
| Beryllium | 10/10/02      | SW846 6010        | <0.005        |
| Cadmium   | 10/10/02      | SW846 6010        | <0.005        |
| Calcium   | 10/10/02      | SW846 6010        | 124           |
| Chromium  | 10/10/02      | SW846 6010        | <0.010        |
| Cobalt    | 10/10/02      | SW846 6010        | <0.010        |
| Copper    | 10/10/02      | SW846 6010        | <0.010        |
| Iron      | 10/10/02      | SW846 6010        | 1.11          |
| Lead      | 10/10/02      | SW846 6010        | <0.005        |
| Magnesium | 10/10/02      | SW846 6010        | 44.9          |
| Manganese | 10/10/02      | SW846 6010        | 0.025         |
| Mercury   | 10/15/02      | SW846 7471        | <0.0002       |
| Nickel    | 10/10/02      | SW846 6010        | <0.040        |
| Potassium | 10/16/02      | SW846 6010        | 1.79          |
| Selenium  | 10/10/02      | SW846 6010        | <0.005        |
| Silver    | 10/10/02      | SW846 6010        | <0.010        |
| Sodium    | 10/15/02      | SW846 6010        | 80.4          |
| Thallium  | 10/10/02      | SW846 6010        | <0.006        |
| Vanadium  | 10/10/02      | SW846 6010        | <0.010        |
| Zinc      | 10/10/02      | SW846 6010        | <0.020        |

ELAP ID No.:10958

Comments:

Approved By: \_\_\_\_\_

Bruce Hoogesteger, Technical Director

# PARADIGM ENVIRONMENTAL SERVICES, INC.

179 Lake Avenue  
Rochester, NY 14608  
(716) 647-2530 \* (800) 724-1997  
FAX: (716) 647-3311

## CHAIN OF CUSTODY

REPORT TO:

INVOICE TO:

PROJECT NAME/SITE NAME:

Ingleside

|                            |                   |              |       |                                                                                                                                                   |                   |
|----------------------------|-------------------|--------------|-------|---------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|
| COMPANY: SDC Environmental |                   | COMPANY: SDC |       | LAB PROJECT #: 102571                                                                                                                             | CLIENT PROJECT #: |
| ADDRESS: 81 N. Conner Road |                   | ADDRESS:     |       |                                                                                                                                                   |                   |
| CITY: Fairport             | STATE: NY         | ZIP: 14450   | CITY: | STATE:                                                                                                                                            | ZIP:              |
| PHONE: 585-377-5545        | FAX: 585-377-3861 | PHONE:       |       | FAX:                                                                                                                                              |                   |
| ATTN: Jan Heercken         |                   | ATTN:        |       | TURNAROUND TIME: (WORKING DAYS)                                                                                                                   |                   |
| COMMENTS:                  |                   |              |       | 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input checked="" type="checkbox"/> 5 <input type="checkbox"/> |                   |

### REQUESTED ANALYSIS

| DATE     | TIME | COMPOSITE | GRAB | SAMPLE LOCATION/FIELD ID | MATRIX | CONTAMINERS | Lead | Cadmium | Copper | Chromium | Iron | Manganese | Nickel | Silver | Sulfur | Vanadium | Zinc | Barium | Boron | Bromine | Calcium | Chlorine | Fluorine | Gold | Mercury | Molybdenum | Phosphorus | Potassium | Selenium | Silicon | Sodium | Titanium | Trivalent Chromium | Unidentified | REMARKS | PARADIGM LAB SAMPLE NUMBER |
|----------|------|-----------|------|--------------------------|--------|-------------|------|---------|--------|----------|------|-----------|--------|--------|--------|----------|------|--------|-------|---------|---------|----------|----------|------|---------|------------|------------|-----------|----------|---------|--------|----------|--------------------|--------------|---------|----------------------------|
| 110-4-02 |      | X         |      | outside (cont)           | Soil   | 1           | X    |         |        |          |      |           |        |        |        |          |      |        |       |         |         |          |          |      |         |            |            |           |          |         |        |          |                    |              |         | 10081                      |
| 210-7-02 |      |           | X    | M10-3                    | Had    | 1           |      | X       |        |          |      |           |        |        |        |          |      |        |       |         |         |          |          |      |         |            |            |           |          |         |        |          |                    |              |         | 10082                      |
| 310-7-02 |      |           | X    | M10-3                    | Had    | 1           |      | X       |        |          |      |           |        |        |        |          |      |        |       |         |         |          |          |      |         |            |            |           |          |         |        |          |                    |              |         | 10083                      |
| 410-7-02 |      |           | X    | M10-4                    | Had    | 1           |      | X       |        |          |      |           |        |        |        |          |      |        |       |         |         |          |          |      |         |            |            |           |          |         |        |          |                    |              |         | 10084                      |
| 5        |      |           |      |                          |        |             |      |         |        |          |      |           |        |        |        |          |      |        |       |         |         |          |          |      |         |            |            |           |          |         |        |          |                    |              |         |                            |
| 6        |      |           |      |                          |        |             |      |         |        |          |      |           |        |        |        |          |      |        |       |         |         |          |          |      |         |            |            |           |          |         |        |          |                    |              |         |                            |
| 7        |      |           |      |                          |        |             |      |         |        |          |      |           |        |        |        |          |      |        |       |         |         |          |          |      |         |            |            |           |          |         |        |          |                    |              |         |                            |
| 8        |      |           |      |                          |        |             |      |         |        |          |      |           |        |        |        |          |      |        |       |         |         |          |          |      |         |            |            |           |          |         |        |          |                    |              |         |                            |
| 9        |      |           |      |                          |        |             |      |         |        |          |      |           |        |        |        |          |      |        |       |         |         |          |          |      |         |            |            |           |          |         |        |          |                    |              |         |                            |
| 10       |      |           |      |                          |        |             |      |         |        |          |      |           |        |        |        |          |      |        |       |         |         |          |          |      |         |            |            |           |          |         |        |          |                    |              |         |                            |

\*\*LAB USE ONLY\*\*

|                                                              |                                          |                                         |                                        |                                       |
|--------------------------------------------------------------|------------------------------------------|-----------------------------------------|----------------------------------------|---------------------------------------|
| SAMPLE CONDITION: Check box if acceptable or note deviation: | CONTAINER TYPE: <input type="checkbox"/> | PRESERVATIONS: <input type="checkbox"/> | HOLDING TIME: <input type="checkbox"/> | TEMPERATURE: <input type="checkbox"/> |
|--------------------------------------------------------------|------------------------------------------|-----------------------------------------|----------------------------------------|---------------------------------------|

|                                     |                             |                                       |                          |             |
|-------------------------------------|-----------------------------|---------------------------------------|--------------------------|-------------|
| Sampled By: <i>[Signature]</i>      | Date/Time: 10-8-02/11:30 AM | Relinquished By:                      | Date/Time:               | Total Cost: |
| Relinquished By: <i>[Signature]</i> | Date/Time: 10-8-02/1:00 PM  | Received By:                          | Date/Time:               |             |
| Received By: <i>[Signature]</i>     | Date/Time: 10-8-02/1:00 PM  | Received @ Lab By: <i>[Signature]</i> | Date/Time: 10/8/02 10:40 | P.I.F.      |

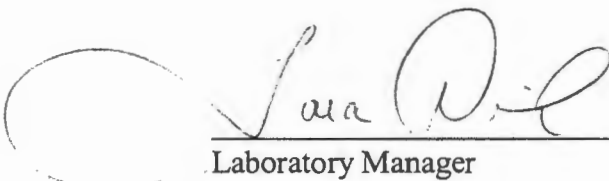


**Experience is the solution**

314 North Pearl Street • Albany, New York 12207 • 800-848-4983 • (518) 434-4546 • Fax (518) 434-0891

## TITLE PAGE

On January 11, 2003 five water samples and four soil samples were received by Adirondack Environmental Services, Inc. from Paradigm Environmental Services. These samples were analyzed for Volatile Organics, Metals and Cyanide as specified by the contract. The project was completed on February 7, 2003.

  
\_\_\_\_\_  
Laboratory Manager

Date: 2/7/03



**Experience is the solution**

314 North Pearl Street • Albany, New York 12207 • 800-848-4983 • (518) 434-4546 • Fax (518) 434-0891

SAMPLE DATA  
SUMMARY PACKAGE

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

SAMPLE PREPARATION AND ANALYSIS SUMMARY  
VOLATILE (VOA)  
ANALYSES

| Laboratory<br>Sample ID | Matrix | Date<br>Collected | Date Rec'd<br>at Lab | Date<br>Extracted | Date<br>Analyzed |
|-------------------------|--------|-------------------|----------------------|-------------------|------------------|
| 030111A-01              | WATER  | 1/8/03            | 1/11/03              | N/A               | 1/13/03          |
| 030111A-02              | WATER  | 1/8/03            | 1/11/03              | N/A               | 1/14/03          |
| 030111A-03              | WATER  | 1/8/03            | 1/11/03              | N/A               | 1/13/03          |
| 030111A-04              | WATER  | 1/8/03            | 1/11/03              | N/A               | 1/13/03          |
| 030111A-05              | SOIL   | 1/8/03            | 1/11/03              | N/A               | 1/13/03          |
| 030111A-06              | SOIL   | 1/8/03            | 1/11/03              | N/A               | 1/13/03          |
| 030111A-07              | SOIL   | 1/8/03            | 1/11/03              | N/A               | 1/13/03          |
| 030111A-08              | SOIL   | 1/8/03            | 1/11/03              | N/A               | 1/13/03          |
| 030111A-09              | WATER  | 1/8/03            | 1/11/03              | N/A               | 1/13/03          |

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

SAMPLE PREPARATION AND ANALYSIS SUMMARY  
INORGANIC ANALYSES

| Laboratory<br>Sample ID | Matrix | Metals Requested | Date Rec'd<br>at Lab | Date<br>Prepared | Date<br>Analyzed |
|-------------------------|--------|------------------|----------------------|------------------|------------------|
| 030111A-01              | WATER  | ICP              | 1/11/03              | 1/20/03          | 1/20/03          |
|                         |        | Mercury          |                      | 1/21/03          | 1/21/03          |
|                         |        |                  |                      |                  |                  |
|                         |        | Cyanide          | 1/11/03              | 1/13/03          | 1/16/03          |
|                         |        |                  |                      |                  |                  |
| 030111A-02              | WATER  | ICP              | 1/11/03              | 1/20/03          | 1/20/03          |
|                         |        | Mercury          |                      | 1/21/03          | 1/21/03          |
|                         |        |                  |                      |                  |                  |
|                         |        | Cyanide          | 1/11/03              | 1/13/03          | 1/16/03          |
|                         |        |                  |                      |                  |                  |
| 030111A-03              | WATER  | ICP              | 1/11/03              | 1/20/03          | 1/20/03          |
|                         |        | Mercury          |                      | 1/21/03          | 1/21/03          |
|                         |        |                  |                      |                  |                  |
|                         |        | Cyanide          | 1/11/03              | 1/13/03          | 1/16/03          |
|                         |        |                  |                      |                  |                  |
| 030111A-04              | WATER  | ICP              | 1/11/03              | 1/20/03          | 1/20/03          |
|                         |        | Mercury          |                      | 1/21/03          | 1/21/03          |
|                         |        |                  |                      |                  |                  |
|                         |        | Cyanide          | 1/11/03              | 11/17/03         | 1/21/03          |
|                         |        |                  |                      |                  |                  |
| 030111A-05              | SOIL   | ICP              | 1/11/03              | 1/20/03          | 1/20/03          |
|                         |        | Mercury          |                      | 1/21/03          | 1/21/03          |
|                         |        |                  |                      |                  |                  |
|                         |        | Cyanide          | 1/11/03              | 1/14/03          | 1/16/03          |
|                         |        |                  |                      |                  |                  |
| 030111A-06              | SOIL   | ICP              | 1/11/03              | 1/20/03          | 1/20/03          |
|                         |        | Mercury          |                      | 1/21/03          | 1/21/03          |
|                         |        |                  |                      |                  |                  |
|                         |        | Cyanide          | 1/11/03              | 1/14/03          | 1/16/03          |
|                         |        |                  |                      |                  |                  |
| 030111A-07              | SOIL   | ICP              | 1/11/03              | 1/20/03          | 1/20/03          |
|                         |        | Mercury          |                      | 1/21/03          | 1/21/03          |
|                         |        |                  |                      |                  |                  |
|                         |        | Cyanide          | 1/11/03              | 1/14/03          | 1/16/03          |
|                         |        |                  |                      |                  |                  |
| 030111A-08              | SOIL   | ICP              | 1/11/03              | 1/20/03          | 1/20/03          |
|                         |        | Mercury          |                      | 1/21/03          | 1/21/03          |
|                         |        |                  |                      |                  |                  |
|                         |        | Cyanide          | 1/11/03              | 1/14/03          | 1/16/03          |
|                         |        |                  |                      |                  |                  |

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

SAMPLE IDENTIFICATION AND  
ANALYTICAL REQUIREMENT SUMMARY

| Customer<br>Sample<br>Code | Laboratory<br>Sample<br>Code | *VOA<br>GC/MS<br>Method | *BNA<br>GC/MS<br>Method | *PCB<br>GC<br>Method | *Pest<br>GC<br>Method | *Metals | *Other<br>CN |
|----------------------------|------------------------------|-------------------------|-------------------------|----------------------|-----------------------|---------|--------------|
| MW-1                       | 030111A-01                   | X                       |                         |                      |                       | X       | X            |
| MW-2                       | 030111A-02                   | X                       |                         |                      |                       | X       | X            |
| MW-3                       | 030111A-03                   | X                       |                         |                      |                       | X       | X            |
| MW-4                       | 030111A-04                   | X                       |                         |                      |                       | X       | X            |
| South                      | 030111A-05                   | X                       |                         |                      |                       | X       | X            |
| North                      | 030111A-06                   | X                       |                         |                      |                       | X       | X            |
| South West                 | 030111A-07                   | X                       |                         |                      |                       | X       | X            |
| North West                 | 030111A-08                   | X                       |                         |                      |                       | X       | X            |
| Trip Blank                 | 030111A-09                   | X                       |                         |                      |                       |         |              |



**Experience is the solution**

314 North Pearl Street • Albany, New York 12207 • 800-848-4983 • (518) 434-4546 • Fax (518) 434-0891

Paradigm Environmental Services  
179 Lake Avenue  
Rochester, New York 14608

Attention: Jane Daloia



**Experience is the solution**

314 North Pearl Street • Albany, New York 12207 • 800-848-4983 • (518) 434-4546 • Fax (518) 434-0891

## Case Narrative

**Client: Paradigm Environmental Services**

**Case: PA 0301**

**SDG: MW-1**

| <u>Sample ID</u> | <u>Laboratory Sample ID</u> | <u>Date Received</u> | <u>VTSR</u> | <u>Matrix</u> |
|------------------|-----------------------------|----------------------|-------------|---------------|
| MW-1             | 030111A-01                  | 01/11/03             | 09:30       | Water         |
| MW-2             | 030111A-02                  | 01/11/03             | 09:30       | Water         |
| MW-3             | 030111A-03                  | 01/11/03             | 09:30       | Water         |
| MW-4             | 030111A-04                  | 01/11/03             | 09:30       | Water         |
| South            | 030111A-05                  | 01/11/03             | 09:30       | Soil          |
| North            | 030111A-06                  | 01/11/03             | 09:30       | Soil          |
| South West       | 030111A-07                  | 01/11/03             | 09:30       | Soil          |
| North West       | 030111A-08                  | 01/11/03             | 09:30       | Soil          |
| Trip Blank       | 030111A-09                  | 01/11/03             | 09:30       | Water         |

## Volatile Organics

- 1) The samples were analyzed using EPA Method 8260 following the criteria for NYSDEC ASP.
- 2) Sample MW-4 (AES sample number 030111A-04) was used for the water matrix spike and the matrix spike duplicate analysis. The %RPD recovery for the compound 1,1-Dichloroethene between the matrix spike and matrix spike duplicate was outside required limits. According to the protocol, a matrix spike blank must be analyzed. A matrix spike blank was analyzed and all recoveries were within acceptable limits.
- 3) Sample South (AES sample number 030111A-05) was used for the soil matrix spike and the matrix spike duplicate analysis. All recoveries were within acceptable limits.
- 4) The column used in Instrument C for analysis was an RTX-502.2, 60 meters long with an internal diameter of 0.32 mm.



**Experience is the solution**

314 North Pearl Street • Albany, New York 12207 • 800-848-4983 • (518) 434-4546 • Fax (518) 434-0891

### **Inorganics – Metals (Water)**

- 1) The recovery for Calcium and Iron in the ICSA and the ICSAB check standards were outside the required limit. The required concentration for these analytes in the check standards is 500,000 ug/L and 200,000 ug/L, respectively. The linear range on this instrument for Calcium and Iron is 400,000 ug/L and 80,000 ug/L, respectively. At this level accurate recovery of Calcium and Iron in the check standards is not possible. No further action is required.
- 2) The digested spike recoveries for the elements Aluminum, Cadmium, Mercury, Selenium and Thallium for sample MW-4 (AES sample number 030111A-04) were outside the required 75-125 % limits. A post digestion spike was performed and the recovery for Selenium was within acceptable limits. The results for these elements are flagged with an "N" as specified by the protocol. This indicates possible matrix interference.
- 3) The elements Iron, Potassium and Sodium for sample MW-4 (AES sample number 030111A-04) did not meet the serial dilution criteria of 10 %. These elements are flagged with an "E" as required by the protocol for the water samples. The "E" denotes an estimated value. This indicates a possible chemical or physical interference.

### **Inorganics – Metals (Soil)**

- 1) The recovery for Calcium and Iron in the ICSA and the ICSAB check standards were outside the required limit. The required concentration for these analytes in the check standards is 500,000 ug/L and 200,000 ug/L, respectively. The linear range on this instrument for Calcium and Iron is 400,000 ug/L and 80,000 ug/L, respectively. At this level accurate recovery of Calcium and Iron in the check standards is not possible. No further action is required.
- 2) The digested spike recoveries for the elements Antimony, Arsenic, Cadmium, Chromium, Manganese, Selenium, Silver and Thallium for sample South (AES sample number 030111A-05) were outside the required 75-125 % limits. A post digestion spike was performed and the recoveries for Antimony, Chromium, Manganese and Silver were within acceptable limits. The results for these elements are flagged with an "N" as specified by the protocol. This indicates possible matrix interference.
- 3) The elements Calcium, Iron, Lead, Manganese, Potassium and Zinc for sample South (AES sample number 030111A-05) did not meet the serial dilution criteria of 10 %. These elements are flagged with an "E" as required by the protocol for the water samples. The "E" denotes an estimated value. This indicates a possible chemical or physical interference.



Experience is the solution

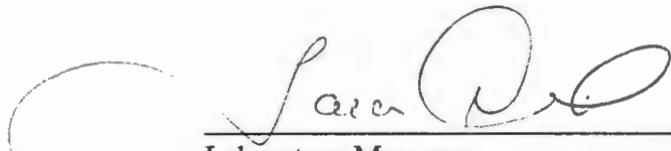
314 North Pearl Street • Albany, New York 12207 • 800-848-4983 • (518) 434-4546 • Fax (518) 434-0891

- 4) The %RPD recovery for Mercury between sample South (AES sample number 030111A-05) and the duplicate sample was outside of the required 20 % acceptance limit. The results for this element are flagged with an "\*" as required by the protocol.

### Conventionals

- 1) The samples were analyzed for Cyanide only.
- 2) Samples MW-4 and South (AES sample numbers 030111A-04 and 030111A-05) were used for matrix spike and the duplicate analysis. The spike recovery for sample South was outside the required limits. The recovery for this spike was 27 %. All other recoveries were within acceptable limits.

"I certify that this data package is in compliance with the terms and conditions of the protocol, both technically and for completeness, to the best of my knowledge, for other than the conditions detailed above. Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his designee, as verified by the following signature."

  
\_\_\_\_\_  
Laboratory Manager

Date: 2/7/03



Experience is the solution

314 North Pearl Street • Albany, New York 12207 • 800-848-4983 • (518) 434-4546 • Fax (518) 434-0891

CLIENT: Paradigm Environmental Svcs.

Date Sampled: 01/08/03

CLIENT'S SAMPLE ID: 03-0191-1303/MW-1

Date sample received: 01/11/03

AES sample #: 030111 A01

Samples taken by: Client

Location: Various

MATRIX: Water

grab

continued:

| <u>PARAMETER PERFORMED</u> | <u>METHOD</u> | <u>RESULT</u> | <u>UNITS</u> | <u>NOTEBOOK REF</u> | <u>TEST DATE</u> |
|----------------------------|---------------|---------------|--------------|---------------------|------------------|
| Dibromochloromethane       | EPA-624       | <5            | ug/l         | MG-CC-18            | 01/13/03         |
| 1,1,2-Trichloroethane      | EPA-624       | <5            | ug/l         | MG-CC-18            | 01/13/03         |
| Benzene                    | EPA-624       | <5            | ug/l         | MG-CC-18            | 01/13/03         |
| 1,1,3-Dichloropropene      | EPA-624       | <5            | ug/l         | MG-CC-18            | 01/13/03         |
| Bromoform                  | EPA-624       | <5            | ug/l         | MG-CC-18            | 01/13/03         |
| 2-Hexanone                 | EPA-624       | <10           | ug/l         | MG-CC-18            | 01/13/03         |
| 4-Methyl-2-pentanone       | EPA-624       | <10           | ug/l         | MG-CC-18            | 01/13/03         |
| Tetrachloroethene          | EPA-624       | <5            | ug/l         | MG-CC-18            | 01/13/03         |
| 1,1,2,2-Tetrachloroethane  | EPA-624       | <5            | ug/l         | MG-CC-18            | 01/13/03         |
| Toluene                    | EPA-624       | <5            | ug/l         | MG-CC-18            | 01/13/03         |
| Chlorobenzene              | EPA-624       | <5            | ug/l         | MG-CC-18            | 01/13/03         |
| Ethylbenzene               | EPA-624       | <5            | ug/l         | MG-CC-18            | 01/13/03         |
| Styrene                    | EPA-624       | <5            | ug/l         | MG-CC-18            | 01/13/03         |
| Xylenes, Total             | EPA-624       | <5            | ug/l         | MG-CC-18            | 01/13/03         |
| cis-1,2 Dichloroethene     | EPA-624       | <5            | ug/l         | MG-CC-18            | 01/13/03         |
| CLP-Cyanide-T              | EPA-335.3     | <10           | ug/l         |                     | 01/16/03         |
| Aluminum                   | EPA-200.7     | 1690          | ug/l         | SM-I-4F-5           | 01/20/03         |
| Antimony                   | EPA-200.7     | 25. U         | ug/l         | SM-I-4F-5           | 01/20/03         |
| Arsenic                    | EPA-200.7     | 2.2 U         | ug/l         | SM-I-4F-5           | 01/20/03         |
| Barium                     | EPA-200.7     | 366           | ug/l         | SM-I-4F-5           | 01/20/03         |



Experience is the solution

314 North Pearl Street • Albany, New York 12207 • 800-848-4983 • (518) 434-4546 • Fax (518) 434-0891

CLIENT: Paradigm Environmental Svcs.

Date Sampled: 01/08/03

CLIENT'S SAMPLE ID: 03-0191-1304/MW-2

Date sample received: 01/11/03

AES sample #: 030111 A02

Samples taken by: Client

Location: Various

MATRIX: Water

grab

| <u>PARAMETER PERFORMED</u> | <u>METHOD</u> | <u>RESULT</u> | <u>UNITS</u> | <u>NOTES/REF</u> | <u>TEST DATE</u> |
|----------------------------|---------------|---------------|--------------|------------------|------------------|
| Chloromethane              | EPA-624       | <10           | ug/l         | MG-CC-18         | 01/14/03         |
| Bromomethane               | EPA-624       | <10           | ug/l         | MG-CC-18         | 01/14/03         |
| Vinyl Chloride             | EPA-624       | <10           | ug/l         | MG-CC-18         | 01/14/03         |
| Chloroethane               | EPA-624       | <10           | ug/l         | MG-CC-18         | 01/14/03         |
| Methylene Chloride         | EPA-624       | <5            | ug/l         | MG-CC-18         | 01/14/03         |
| Acetone                    | EPA-624       | <10           | ug/l         | MG-CC-18         | 01/14/03         |
| Carbon Disulfide           | EPA-624       | <5            | ug/l         | MG-CC-18         | 01/14/03         |
| 1,1-Dichloroethene         | EPA-624       | <5            | ug/l         | MG-CC-18         | 01/14/03         |
| 1,1-Dichloroethane         | EPA-624       | <5            | ug/l         | MG-CC-18         | 01/14/03         |
| trans-1,2-Dichloroethene   | EPA-624       | <5            | ug/l         | MG-CC-18         | 01/14/03         |
| Chloroform                 | EPA-624       | <5            | ug/l         | MG-CC-18         | 01/14/03         |
| 1,2 Dichloroethane         | EPA-624       | <5            | ug/l         | MG-CC-18         | 01/14/03         |
| 2-Butanone                 | EPA-624       | <10           | ug/l         | MG-CC-18         | 01/14/03         |
| 1,1,1-Trichloroethane      | EPA-624       | <5            | ug/l         | MG-CC-18         | 01/14/03         |
| Carbon Tetrachloride       | EPA-624       | <5            | ug/l         | MG-CC-18         | 01/14/03         |
| Vinyl Acetate              | EPA-624       | <10           | ug/l         | MG-CC-18         | 01/14/03         |
| Bromodichloromethane       | EPA-624       | <5            | ug/l         | MG-CC-18         | 01/14/03         |
| 1,2-Dichloropropane        | EPA-624       | <5            | ug/l         | MG-CC-18         | 01/14/03         |
| cis-1,3-Dichloropropene    | EPA-624       | <5            | ug/l         | MG-CC-18         | 01/14/03         |
| Trichloroethene            | EPA-624       | <5            | ug/l         | MG-CC-18         | 01/14/03         |



Experience is the solution

314 North Pearl Street • Albany, New York 12207 • 800-848-4983 • (518) 434-4546 • Fax (518) 434-0891

CLIENT: Paradigm Environmental Svcs.

CLIENT'S SAMPLE ID: 03-0191-1304/MW-2

AES sample #: 030111 A02

Samples taken by: Client

MATRIX: Water

Date Sampled: 01/08/03

Date sample received: 01/11/03

Location: Various

grab

continued:

| <u>PARAMETER PERFORMED</u> | <u>METHOD</u> | <u>RESULT</u> | <u>UNITS</u> | <u>NOTEBOOK REF</u> | <u>TEST DATE</u> |
|----------------------------|---------------|---------------|--------------|---------------------|------------------|
| Dibromochloromethane       | EPA-824       | <5            | ug/l         | MG-CC-18            | 01/14/03         |
| 1,1,2-Trichloroethane      | EPA-824       | <5            | ug/l         | MG-CC-18            | 01/14/03         |
| Benzene                    | EPA-824       | <5            | ug/l         | MG-CC-18            | 01/14/03         |
| 1,1,3-Dichloropropene      | EPA-824       | <5            | ug/l         | MG-CC-18            | 01/14/03         |
| Bromoforn                  | EPA-824       | <5            | ug/l         | MG-CC-18            | 01/14/03         |
| 2-Hexanone                 | EPA-824       | <10           | ug/l         | MG-CC-18            | 01/14/03         |
| 4-Methyl-2-pentanone       | EPA-824       | <10           | ug/l         | MG-CC-18            | 01/14/03         |
| Tetrachloroethene          | EPA-824       | <5            | ug/l         | MG-CC-18            | 01/14/03         |
| 1,1,2,2-Tetrachloroethane  | EPA-824       | <5            | ug/l         | MG-CC-18            | 01/14/03         |
| Toluene                    | EPA-824       | <5            | ug/l         | MG-CC-18            | 01/14/03         |
| Chlorobenzene              | EPA-824       | <5            | ug/l         | MG-CC-18            | 01/14/03         |
| Ethylbenzene               | EPA-824       | <5            | ug/l         | MG-CC-18            | 01/14/03         |
| Styrene                    | EPA-824       | <5            | ug/l         | MG-CC-18            | 01/14/03         |
| Xylenes, Total             | EPA-824       | <5            | ug/l         | MG-CC-18            | 01/14/03         |
| cis-1,2 Dichloroethene     | EPA-824       | <5            | ug/l         | MG-CC-18            | 01/14/03         |
| CLP-Cyanide-T              | EPA-333.3     | <10           | ug/l         |                     | 01/16/03         |
| Aluminum                   | EPA-200.7     | 125 B         | ug/l         | SM-I-4F-5           | 01/20/03         |
| Antimony                   | EPA-200.7     | 2.5 U         | ug/l         | SM-I-4F-5           | 01/20/03         |
| Arsenic                    | EPA-200.7     | 2.2 U         | ug/l         | SM-I-4F-5           | 01/20/03         |
| Barium                     | EPA-200.7     | 398           | ug/l         | SM-I-4F-5           | 01/20/03         |



Experience is the solution

314 North Pearl Street • Albany, New York 12207 • 800-848-4985 • (518) 434-4546 • Fax (518) 434-0891

CLIENT: Paradigm Environmental Svcs.

Date Sampled: 01/08/03

CLIENT'S SAMPLE ID: 03-0191-1304/MW-2

Date sample received: 01/11/03

RES sample #: 030111 A02

Samples taken by: Client

Location: Various

MATRIX: Water

grab

continued:

| <u>PARAMETER PERFORMED</u> | <u>METHOD</u> | <u>RESULT</u> | <u>UNITS</u> | <u>NOTES</u> | <u>REF</u> | <u>TEST DATE</u> |
|----------------------------|---------------|---------------|--------------|--------------|------------|------------------|
| Beryllium                  | EPA-200.7     | 0.10 U        | ug/l         | SM-I-4F-5    |            | 01/20/03         |
| Cadmium                    | EPA-200.7     | 0.20 U        | ug/l         | SM-I-4F-5    |            | 01/20/03         |
| Calcium                    | EPA-200.7     | 111000        | ug/l         | SM-I-4F-5    |            | 01/20/03         |
| Chromium                   | EPA-200.7     | 3.6 U         | ug/l         | SM-I-4F-5    |            | 01/20/03         |
| Cobalt                     | EPA-200.7     | 1.0 U         | ug/l         | SM-I-4F-5    |            | 01/20/03         |
| Copper                     | EPA-200.7     | 3.8 B         | ug/l         | SM-I-4F-5    |            | 01/20/03         |
| Iron                       | EPA-200.7     | 145           | ug/l         | SM-I-4F-5    |            | 01/20/03         |
| Lead                       | EPA-200.7     | 1.3 U         | ug/l         | SM-I-4F-5    |            | 01/20/03         |
| Magnesium                  | EPA-200.7     | 44100         | ug/l         | SM-I-4F-5    |            | 01/20/03         |
| Manganese                  | EPA-200.7     | 4.4 B         | ug/l         | SM-I-4F-5    |            | 01/20/03         |
| Mercury                    | EPA-245.1     | 0.013 U       | ug/l         | XS-HC-C-31   |            | 01/21/03         |
| Nickel                     | EPA-200.7     | 2.2 B         | ug/l         | SM-I-4F-5    |            | 01/20/03         |
| Potassium                  | EPA-200.7     | 9160          | ug/l         | SM-I-4F-5    |            | 01/20/03         |
| Selenium                   | EPA-200.7     | 2.5 U         | ug/l         | SM-I-4F-5    |            | 01/20/03         |
| Silver                     | EPA-200.7     | 1.8 U         | ug/l         | SM-I-4F-5    |            | 01/20/03         |
| Sodium                     | EPA-200.7     | 52100         | ug/l         | SM-I-4F-5    |            | 01/20/03         |
| Thallium                   | EPA-200.7     | 5.4 B         | ug/l         | SM-I-4F-5    |            | 01/20/03         |
| Vanadium                   | EPA-200.7     | 3.1 U         | ug/l         | SM-I-4F-5    |            | 01/20/03         |
| Zinc                       | EPA-200.7     | 0.50 U        | ug/l         | SM-I-4F-5    |            | 01/20/03         |



Experience is the solution

314 North Pearl Street • Albany, New York 12207 • 800-848-4983 • (518) 434-4546 • Fax (518) 434-0891

CLIENT: Paradigm Environmental Svcs.

Date Sampled: 01/08/03

CLIENT'S SAMPLE ID: 03-0191-1305/NW-3

Date sample received: 01/11/03

AES sample #: 030111 A03

Samples taken by: Client

Location: Various

MATRIX: Water

grab

| <u>PARAMETER PERFORMED</u> | <u>METHOD</u> | <u>RESULT</u> | <u>UNITS</u> | <u>NOTES/REF</u> | <u>TEST DATE</u> |
|----------------------------|---------------|---------------|--------------|------------------|------------------|
| Chloromethane              | EPA-824       | <10           | ug/l         | MG-CC-18         | 01/13/03         |
| Bromomethane               | EPA-824       | <10           | ug/l         | MG-CC-18         | 01/13/03         |
| Vinyl Chloride             | EPA-824       | <10           | ug/l         | MG-CC-18         | 01/13/03         |
| Chloroethane               | EPA-824       | <10           | ug/l         | MG-CC-18         | 01/13/03         |
| Methylene Chloride         | EPA-824       | <5            | ug/l         | MG-CC-18         | 01/13/03         |
| Acetone                    | EPA-824       | <10           | ug/l         | MG-CC-18         | 01/13/03         |
| Carbon Disulfide           | EPA-824       | <5            | ug/l         | MG-CC-18         | 01/13/03         |
| 1,1-Dichloroethene         | EPA-824       | <5            | ug/l         | MG-CC-18         | 01/13/03         |
| 1,1-Dichloroethane         | EPA-824       | <5            | ug/l         | MG-CC-18         | 01/13/03         |
| trans-1,2-Dichloroethene   | EPA-824       | <5            | ug/l         | MG-CC-18         | 01/13/03         |
| Chloroform                 | EPA-824       | <5            | ug/l         | MG-CC-18         | 01/13/03         |
| 1,2 Dichloroethane         | EPA-824       | <5            | ug/l         | MG-CC-18         | 01/13/03         |
| 2-Butanone                 | EPA-824       | <10           | ug/l         | MG-CC-18         | 01/13/03         |
| 1,1,1-Trichloroethane      | EPA-824       | <5            | ug/l         | MG-CC-18         | 01/13/03         |
| Carbon Tetrachloride       | EPA-824       | <5            | ug/l         | MG-CC-18         | 01/13/03         |
| Vinyl Acetate              | EPA-824       | <10           | ug/l         | MG-CC-18         | 01/13/03         |
| Bromodichloromethane       | EPA-824       | <5            | ug/l         | MG-CC-18         | 01/13/03         |
| 1,2-Dichloropropane        | EPA-824       | <5            | ug/l         | MG-CC-18         | 01/13/03         |
| cis-1,3-Dichloropropene    | EPA-824       | <5            | ug/l         | MG-CC-18         | 01/13/03         |
| Trichloroethene            | EPA-824       | <5            | ug/l         | MG-CC-18         | 01/13/03         |



Experience is the solution

314 North Pearl Street • Albany, New York 12207 • 800-848-4983 • (518) 434-4546 • Fax (518) 434-0891

CLIENT: Paradigm Environmental Svcs.

Date Sampled: 01/08/03

CLIENT'S SAMPLE ID: 03-0191-1305/MW-3

Date sample received: 01/11/03

AES sample #: 030111 A03

Samples taken by: Client

Location: Various

MATRIX: Water

grab

continued:

| <u>PARAMETER PERFORMED</u> | <u>METHOD</u> | <u>RESULT</u> | <u>UNITS</u> | <u>NOTES/REF</u> | <u>TEST DATE</u> |
|----------------------------|---------------|---------------|--------------|------------------|------------------|
| Dibromochloromethane       | EPA-624       | <5            | ug/l         | MG-CC-18         | 01/13/03         |
| 1,1,2-Trichloroethane      | EPA-624       | <5            | ug/l         | MG-CC-18         | 01/13/03         |
| Benzene                    | EPA-624       | <5            | ug/l         | MG-CC-18         | 01/13/03         |
| 1,2,3-Dichloropropene      | EPA-624       | <5            | ug/l         | MG-CC-18         | 01/13/03         |
| Bromoform                  | EPA-624       | <5            | ug/l         | MG-CC-18         | 01/13/03         |
| 2-Hexanone                 | EPA-624       | <10           | ug/l         | MG-CC-18         | 01/13/03         |
| 4-Methyl-2-pentanone       | EPA-624       | <10           | ug/l         | MG-CC-18         | 01/13/03         |
| Tetrachloroethene          | EPA-624       | <5            | ug/l         | MG-CC-18         | 01/13/03         |
| 1,1,2,2-Tetrachloroethane  | EPA-624       | <5            | ug/l         | MG-CC-18         | 01/13/03         |
| Toluene                    | EPA-624       | <5            | ug/l         | MG-CC-18         | 01/13/03         |
| Chlorobenzene              | EPA-624       | <5            | ug/l         | MG-CC-18         | 01/13/03         |
| Ethylbenzene               | EPA-624       | <5            | ug/l         | MG-CC-18         | 01/13/03         |
| Styrene                    | EPA-624       | <5            | ug/l         | MG-CC-18         | 01/13/03         |
| Xylenes, Total             | EPA-624       | <5            | ug/l         | MG-CC-18         | 01/13/03         |
| cis-1,2 Dichloroethene     | EPA-624       | <5            | ug/l         | MG-CC-18         | 01/13/03         |
| CLP-Cyanide-T              | EPA-335.3     | <10           | ug/l         |                  | 01/15/03         |
| Aluminum                   | EPA-200.7     | 86.3 B        | ug/l         | SM-I-4F-5        | 01/20/03         |
| Antimony                   | EPA-200.7     | 2.5 U         | ug/l         | SM-I-4F-5        | 01/20/03         |
| Arsenic                    | EPA-200.7     | 2.2 U         | ug/l         | SM-I-4F-5        | 01/20/03         |
| Barium                     | EPA-200.7     | 485           | ug/l         | SM-I-4F-5        | 01/20/03         |



Experience is the solution

314 North Pearl Street • Albany, New York 12207 • 800-848-4983 • (518) 434-4546 • Fax (518) 434-0891

CLIENT: Paradigm Environmental Svcs.

Date Sampled: 01/08/03

CLIENT'S SAMPLE ID: 03-0191-1305/MW-3

Date sample received: 01/11/03

AES sample #: 030111 A03

Samples taken by: Client

Location: Various

MATRIX: Water

grab

continued:

| <u>PARAMETER PERFORMED</u> | <u>METHOD</u> | <u>RESULT</u> | <u>UNITS</u> | <u>NOTES/REF</u> | <u>TEST DATE</u> |
|----------------------------|---------------|---------------|--------------|------------------|------------------|
| Beryllium                  | EPA-200.7     | 0.10 U        | ug/l         | SM-I-4F-5        | 01/20/03         |
| Cadmium                    | EPA-200.7     | 0.20 U        | ug/l         | SM-I-4F-5        | 01/20/03         |
| Calcium                    | EPA-200.7     | 119000        | ug/l         | SM-I-4F-5        | 01/20/03         |
| Chromium                   | EPA-200.7     | 4.6 B         | ug/l         | SM-I-4F-5        | 01/20/03         |
| Cobalt                     | EPA-200.7     | 1.0 U         | ug/l         | SM-I-4F-5        | 01/20/03         |
| Copper                     | EPA-200.7     | 3.4 B         | ug/l         | SM-I-4F-5        | 01/20/03         |
| Iron                       | EPA-200.7     | 99.4 B        | ug/l         | SM-I-4F-5        | 01/20/03         |
| Lead                       | EPA-200.7     | 1.3 U         | ug/l         | SM-I-4F-5        | 01/20/03         |
| Magnesium                  | EPA-200.7     | 56600         | ug/l         | SM-I-4F-5        | 01/20/03         |
| Manganese                  | EPA-200.7     | 69.2          | ug/l         | SM-I-4F-5        | 01/20/03         |
| Mercury                    | EPA-245.1     | 0.013 U       | ug/l         | KH-HG-C-31       | 01/21/03         |
| Nickel                     | EPA-200.7     | 1.4 B         | ug/l         | SM-I-4F-5        | 01/20/03         |
| Potassium                  | EPA-200.7     | 8540          | ug/l         | SM-I-4F-5        | 01/20/03         |
| Selenium                   | EPA-200.7     | 2.5 U         | ug/l         | SM-I-4F-5        | 01/20/03         |
| Silver                     | EPA-200.7     | 1.8 U         | ug/l         | SM-I-4F-5        | 01/20/03         |
| Sodium                     | EPA-200.7     | 47700         | ug/l         | SM-I-4F-5        | 01/20/03         |
| Thallium                   | EPA-200.7     | 3.8 B         | ug/l         | SM-I-4F-5        | 01/20/03         |
| Vanadium                   | EPA-200.7     | 3.1 U         | ug/l         | SM-I-4F-5        | 01/20/03         |
| Zinc                       | EPA-200.7     | 0.50 U        | ug/l         | SM-I-4F-5        | 01/20/03         |



Experience is the solution

314 North Pearl Street • Albany, New York 12207 • 800-848-4983 • (518) 434-4546 • Fax (518) 434-0891

CLIENT: Paradigm Environmental Svcs.

Date Sampled: 01/08/03

CLIENT'S SAMPLE ID: 03-0191-1306/MW-4

Date sample received: 01/11/03

AES sample #: 030111 A04

Samples taken by: Client

Location: Various

MATRIX: Water

grab

| <u>PARAMETER PERFORMED</u> | <u>METHOD</u> | <u>RESULT</u> | <u>UNITS</u> | <u>NOTEBOOK REF</u> | <u>TEST DATE</u> |
|----------------------------|---------------|---------------|--------------|---------------------|------------------|
| Chloromethane              | EPA-824       | <10           | ug/l         | MG-CC-18            | 01/13/03         |
| Bromomethane               | EPA-824       | <10           | ug/l         | MG-CC-18            | 01/13/03         |
| Vinyl Chloride             | EPA-824       | <10           | ug/l         | MG-CC-18            | 01/13/03         |
| Chloroethane               | EPA-824       | <10           | ug/l         | MG-CC-18            | 01/13/03         |
| Methylene Chloride         | EPA-824       | <5            | ug/l         | MG-CC-18            | 01/13/03         |
| Acetone                    | EPA-824       | <10           | ug/l         | MG-CC-18            | 01/13/03         |
| Carbon Disulfide           | EPA-824       | <5            | ug/l         | MG-CC-18            | 01/13/03         |
| 1,1-Dichloroethene         | EPA-824       | <5            | ug/l         | MG-CC-18            | 01/13/03         |
| 1,1-Dichloroethane         | EPA-824       | <5            | ug/l         | MG-CC-18            | 01/13/03         |
| trans-1,2-Dichloroethene   | EPA-824       | <5            | ug/l         | MG-CC-18            | 01/13/03         |
| Chloroform                 | EPA-824       | <5            | ug/l         | MG-CC-18            | 01/13/03         |
| 1,2 Dichloroethane         | EPA-824       | <5            | ug/l         | MG-CC-18            | 01/13/03         |
| 2-Butanone                 | EPA-824       | <10           | ug/l         | MG-CC-18            | 01/13/03         |
| 1,1,1-Trichloroethane      | EPA-824       | <5            | ug/l         | MG-CC-18            | 01/13/03         |
| Carbon Tetrachloride       | EPA-824       | <5            | ug/l         | MG-CC-18            | 01/13/03         |
| Vinyl Acetate              | EPA-824       | <10           | ug/l         | MG-CC-18            | 01/13/03         |
| Bromodichloromethane       | EPA-824       | <5            | ug/l         | MG-CC-18            | 01/13/03         |
| 1,2-Dichloropropane        | EPA-824       | <5            | ug/l         | MG-CC-18            | 01/13/03         |
| cis-1,3-Dichloropropene    | EPA-824       | <5            | ug/l         | MG-CC-18            | 01/13/03         |
| Trichloroethene            | EPA-824       | <5            | ug/l         | MG-CC-18            | 01/13/03         |



Experience is the solution

314 North Pearl Street • Albany, New York 12207 • 800-848-4983 • (518) 434-4546 • Fax (518) 434-0891

CLIENT: Paradigm Environmental Svcs.

Date Sampled: 01/08/03

CLIENT'S SAMPLE ID: 03-0191-1306/MW-4

Date sample received: 01/11/03

AES sample #: 030111 A04

Samples taken by: Client

Location: Various

MATRIX: Water

grab

continued:

| <u>PARAMETER PERFORMED</u> | <u>METHOD</u> | <u>RESULT</u> | <u>UNITS</u> | <u>NOTES/REF</u> | <u>TEST DATE</u> |
|----------------------------|---------------|---------------|--------------|------------------|------------------|
| Dibromochloromethane       | EPA-624       | <5            | ug/l         | MG-CC-18         | 01/13/03         |
| 1,1,2-Trichloroethane      | EPA-624       | <5            | ug/l         | MG-CC-18         | 01/13/03         |
| Benzene                    | EPA-624       | <5            | ug/l         | MG-CC-18         | 01/13/03         |
| 1,3-Dichloropropene        | EPA-624       | <5            | ug/l         | MG-CC-18         | 01/13/03         |
| Bromoform                  | EPA-624       | <5            | ug/l         | MG-CC-18         | 01/13/03         |
| 2-Hexanone                 | EPA-624       | <10           | ug/l         | MG-CC-18         | 01/13/03         |
| 4-Methyl-2-pentanone       | EPA-624       | <10           | ug/l         | MG-CC-18         | 01/13/03         |
| Tetrachloroethene          | EPA-624       | <5            | ug/l         | MG-CC-18         | 01/13/03         |
| 1,1,2,2-Tetrachloroethane  | EPA-624       | <5            | ug/l         | MG-CC-18         | 01/13/03         |
| Toluene                    | EPA-624       | <5            | ug/l         | MG-CC-18         | 01/13/03         |
| Chlorobenzene              | EPA-624       | <5            | ug/l         | MG-CC-18         | 01/13/03         |
| Ethylbenzene               | EPA-624       | <5            | ug/l         | MG-CC-18         | 01/13/03         |
| Styrene                    | EPA-624       | <5            | ug/l         | MG-CC-18         | 01/13/03         |
| Xylenes, Total             | EPA-624       | <5            | ug/l         | MG-CC-18         | 01/13/03         |
| cis-1,2 Dichloroethene     | EPA-624       | <5            | ug/l         | MG-CC-18         | 01/13/03         |
| CNP-Cyanide-T              | EPA-335.3     | <10           | ug/l         |                  | 01/16/03         |
| Aluminum                   | EPA-200.7     | 12.8 U        | ug/l         | SM-I-4F-5        | 01/20/03         |
| Antimony                   | EPA-200.7     | 2.5 U         | ug/l         | SM-I-4F-5        | 01/20/03         |
| Arsenic                    | EPA-200.7     | 2.2 U         | ug/l         | SM-I-4F-5        | 01/20/03         |
| Barium                     | EPA-200.7     | 431           | ug/l         | SM-I-4F-5        | 01/20/03         |



Experience is the solution

314 North Pearl Street • Albany, New York 12207 • 800-848-4983 • (518) 434-4546 • Fax (518) 434-0891

CLIENT: Paradigm Environmental Svcs.

Date Sampled: 01/08/03

CLIENT'S SAMPLE ID: 03-0191-1305/AW-4

Date sample received: 01/11/03

AES sample #: 030111 A06

Samples taken by: Client

Location: Various

MATRIX: Water

grab

continued:

| <u>PARAMETER PERFORMED</u> | <u>METHOD</u> | <u>RESULT</u> | <u>UNITS</u> | <u>NOTES/REF</u> | <u>TEST DATE</u> |
|----------------------------|---------------|---------------|--------------|------------------|------------------|
| Beryllium                  | EPA-200.7     | 0.10 U        | ug/l         | SM-I-4F-5        | 01/20/03         |
| Cadmium                    | EPA-200.7     | 0.20 U        | ug/l         | SM-I-4F-5        | 01/20/03         |
| Calcium                    | EPA-200.7     | 121000        | ug/l         | SM-I-4F-5        | 01/20/03         |
| Chromium                   | EPA-200.7     | 4.6 B         | ug/l         | SM-I-4F-5        | 01/20/03         |
| Cobalt                     | EPA-200.7     | 1.0 U         | ug/l         | SM-I-4F-5        | 01/20/03         |
| Copper                     | EPA-200.7     | 1.4 U         | ug/l         | SM-I-4F-5        | 01/20/03         |
| Iron                       | EPA-200.7     | 1010          | ug/l         | SM-I-4F-5        | 01/20/03         |
| Lead                       | EPA-200.7     | 1.3 U         | ug/l         | SM-I-4F-5        | 01/20/03         |
| Magnesium                  | EPA-200.7     | 50500         | ug/l         | SM-I-4F-5        | 01/20/03         |
| Manganese                  | EPA-200.7     | 33.3          | ug/l         | SM-I-4F-5        | 01/20/03         |
| Mercury                    | EPA-245.1     | 0.013 U       | ug/l         | KH-HG-C-31       | 01/21/03         |
| Nickel                     | EPA-200.7     | 1.5 B         | ug/l         | SM-I-4F-5        | 01/20/03         |
| Potassium                  | EPA-200.7     | 2430          | ug/l         | SM-I-4F-5        | 01/20/03         |
| Selenium                   | EPA-200.7     | 2.5 U         | ug/l         | SM-I-4F-5        | 01/20/03         |
| Silver                     | EPA-200.7     | 1.8 U         | ug/l         | SM-I-4F-5        | 01/20/03         |
| Sodium                     | EPA-200.7     | 51600         | ug/l         | SM-I-4F-5        | 01/20/03         |
| Thallium                   | EPA-200.7     | 3.7 U         | ug/l         | SM-I-4F-5        | 01/20/03         |
| Vanadium                   | EPA-200.7     | 3.1 U         | ug/l         | SM-I-4F-5        | 01/20/03         |
| Zinc                       | EPA-200.7     | 0.50 U        | ug/l         | SM-I-4F-5        | 01/20/03         |



Experience is the solution

314 North Pearl Street • Albany, New York 12207 • 800-848-4983 • (518) 434-4546 • Fax (518) 434-0891

CLIENT: Paradigm Environmental Svcs.

CLIENT'S SAMPLE ID: 03-0191-1307/South

AES sample #: 030111 A05

Samples taken by: Client

MATRIX: Soil

Date Sampled: 01/08/03

Date sample received: 01/11/03

Location: Various.  
grab

| <u>PARAMETER PERFORMED</u> | <u>METHOD</u> | <u>RESULT</u> | <u>UNITS</u> | <u>NOTEBK REF</u> | <u>TEST DATE</u> |
|----------------------------|---------------|---------------|--------------|-------------------|------------------|
| CLP-TS                     |               | 80            | %            | MG-C-1            | 01/13/03         |
| CLP-pH                     | EPA-9045      | 7.9           | su           | LS-A-1            | 01/14/03         |
| Chloromethane              | EPA-8260      | <10           | ug/kg        | MG-CC-18          | 01/13/03         |
| Bromomethane               | EPA-8260      | <10           | ug/kg        | MG-CC-18          | 01/13/03         |
| Vinyl Chloride             | EPA-8260      | <10           | ug/kg        | MG-CC-18          | 01/13/03         |
| Chloroethane               | EPA-8260      | <10           | ug/kg        | MG-CC-18          | 01/13/03         |
| Methylene Chloride         | EPA-8260      | <5            | ug/kg        | MG-CC-18          | 01/13/03         |
| Acetone                    | EPA-8260      | <10           | ug/kg        | MG-CC-18          | 01/13/03         |
| Carbon Disulfide           | EPA-8260      | <5            | ug/kg        | MG-CC-18          | 01/13/03         |
| 1,1-Dichloroethene         | EPA-8260      | <5            | ug/kg        | MG-CC-18          | 01/13/03         |
| 1,1-Dichloroethane         | EPA-8260      | <5            | ug/kg        | MG-CC-18          | 01/13/03         |
| trans-1,2-Dichloroethene   | EPA-8260      | <5            | ug/kg        | MG-CC-18          | 01/13/03         |
| Chloroform                 | EPA-8260      | <5            | ug/kg        | MG-CC-18          | 01/13/03         |
| 1,2 Dichloroethane         | EPA-8260      | <5            | ug/kg        | MG-CC-18          | 01/13/03         |
| 3-Butanone                 | EPA-8260      | <10           | ug/kg        | MG-CC-18          | 01/13/03         |
| 1,1,1-Trichloroethane      | EPA-8260      | <5            | ug/kg        | MG-CC-18          | 01/13/03         |
| Carbon Tetrachloride       | EPA-8260      | <5            | ug/kg        | MG-CC-18          | 01/13/03         |
| Vinyl Acetate              | EPA-8260      | <10           | ug/kg        | MG-CC-18          | 01/13/03         |
| Bromodichloromethane       | EPA-8260      | <5            | ug/kg        | MG-CC-18          | 01/13/03         |
| 1,2-Dichloropropane        | EPA-8260      | <5            | ug/kg        | MG-CC-18          | 01/13/03         |



Experience is the solution

314 North Pearl Street - Albany, New York 12207 • 800-848-4983 • (518) 434-4546 • Fax (518) 434-0891

CLIENT: Paradigm Environmental Svcs.

Date Sampled: 01/08/03

CLIENT'S SAMPLE ID: 03-0151-1307/South

Date sample received: 01/11/03

AES sample #: 030111 A05

Samples taken by: Client

Location: Various

MATRIX: Soil

grab

continued:

| <u>PARAMETER PERFORMED</u> | <u>METHOD</u> | <u>RESULT</u> | <u>UNITS</u> | <u>NOTES/REF</u> | <u>TEST DATE</u> |
|----------------------------|---------------|---------------|--------------|------------------|------------------|
| cis-1,3-Dichloropropene    | EPA-8260      | <5            | ug/kg        | MG-CC-18         | 01/13/03         |
| Trichloroethene            | EPA-8260      | <5            | ug/kg        | MG-CC-18         | 01/13/03         |
| Dibromochloromethane       | EPA-8260      | <5            | ug/kg        | MG-CC-18         | 01/13/03         |
| 1,1,2-Trichloroethane      | EPA-8260      | <5            | ug/kg        | MG-CC-18         | 01/13/03         |
| Benzene                    | EPA-8260      | <5            | ug/kg        | MG-CC-18         | 01/13/03         |
| trans-1,3-Dichloropropene  | EPA-8260      | <5            | ug/kg        | MG-CC-18         | 01/13/03         |
| Bromoform                  | EPA-8260      | <5            | ug/kg        | MG-CC-18         | 01/13/03         |
| 2-Hexanone                 | EPA-8260      | <10           | ug/kg        | MG-CC-18         | 01/13/03         |
| 4-Methyl-2-pentanone       | EPA-8260      | <10           | ug/kg        | MG-CC-18         | 01/13/03         |
| Tetrachloroethene          | EPA-8260      | <5            | ug/kg        | MG-CC-18         | 01/13/03         |
| 1,1,2,2-Tetrachloroethane  | EPA-8260      | <5            | ug/kg        | MG-CC-18         | 01/13/03         |
| Toluene                    | EPA-8260      | <5            | ug/kg        | MG-CC-18         | 01/13/03         |
| Chlorobenzene              | EPA-8260      | <5            | ug/kg        | MG-CC-18         | 01/13/03         |
| Ethylbenzene               | EPA-8260      | <5            | ug/kg        | MG-CC-18         | 01/13/03         |
| Styrene                    | EPA-8260      | <5            | ug/kg        | MG-CC-18         | 01/13/03         |
| Xylenes, Total             | EPA-8260      | <5            | ug/kg        | MG-CC-18         | 01/13/03         |
| cis-1,2 Dichloroethene     | EPA-8260      | <5            | ug/kg        | MG-CC-18         | 01/13/03         |
| CSP-Cyanide-T              | EPA-9012      | <1.2          | ug/g         |                  | 01/15/03         |
| Aluminum                   | EPA-6010      | 17300         | ug/g         | SM-I-4F-5        | 01/20/03         |
| Antimony                   | EPA-6010      | 1.4 B         | ug/g         | SM-I-4F-5        | 01/20/03         |



Experience is the solution

314 North Pearl Street • Albany, New York 12207 • 800-848-4983 • (518) 434-4546 • Fax (518) 434-0891

CLIENT: Paradigm Environmental Svcs.

Date Sampled: 01/08/03

CLIENT'S SAMPLE ID: 03-0191-1307/South

Date sample received: 01/11/03

AES sample #: 030111 A05

Samples taken by: Client

Location: Various

MATRIX: Soil

grab

continued:

| <u>PARAMETER PERFORMED</u> | <u>METHOD</u> | <u>RESULT</u> | <u>UNITS</u> | <u>NOTES/REF</u> | <u>TEST DATE</u> |
|----------------------------|---------------|---------------|--------------|------------------|------------------|
| Arsenic                    | EPA-6010      | 0.55 U        | ug/g         | SM-I-4F-5        | 01/20/03         |
| Barium                     | EPA-6010      | 129           | ug/g         | SM-I-4F-5        | 01/20/03         |
| Beryllium                  | EPA-6010      | 0.36 B        | ug/g         | SM-I-4F-5        | 01/20/03         |
| Cadmium                    | EPA-6010      | 0.050 U       | ug/g         | SM-I-4F-5        | 01/20/03         |
| Calcium                    | EPA-6010      | 69900         | ug/g         | SM-I-4F-5        | 01/20/03         |
| Chromium                   | EPA-6010      | 126           | ug/g         | SM-I-4F-5        | 01/20/03         |
| Cobalt                     | EPA-6010      | 6.4 B         | ug/g         | SM-I-4F-5        | 01/20/03         |
| Copper                     | EPA-6010      | 36.5          | ug/g         | SM-I-4F-5        | 01/20/03         |
| Iron                       | EPA-6010      | 20,000        | ug/g         | SM-I-4F-5        | 01/20/03         |
| Lead                       | EPA-6010      | 94.5          | ug/g         | SM-I-4F-5        | 01/20/03         |
| Magnesium                  | EPA-6010      | 42,800        | ug/g         | SM-I-4F-5        | 01/20/03         |
| Manganese                  | EPA-6010      | 421           | ug/g         | SM-I-4F-5        | 01/20/03         |
| Mercury                    | EPA-7471      | 0.23          | ug/g         | KH-HG-C-31       | 01/21/03         |
| Nickel                     | EPA-6010      | 2.3 B         | ug/g         | SM-I-4F-5        | 01/20/03         |
| Potassium                  | EPA-6010      | 3290          | ug/g         | SM-I-4F-5        | 01/20/03         |
| Selenium                   | EPA-6010      | 0.62 U        | ug/g         | SM-I-4F-5        | 01/20/03         |
| Silver                     | EPA-6010      | 0.45 U        | ug/g         | SM-I-4F-5        | 01/20/03         |
| Sodium                     | EPA-6010      | 245 B         | ug/g         | SM-I-4F-5        | 01/20/03         |
| Thallium                   | EPA-6010      | 0.80 U        | ug/g         | SM-I-4F-5        | 01/20/03         |
| Vanadium                   | EPA-6010      | 20.6          | ug/g         | SM-I-4F-5        | 01/20/03         |



Experience is the solution

314 North Pearl Street • Albany, New York 12207 • 800-848-4983 • (518) 434-4546 • Fax (518) 434-0891

CLIENT: Paradigm Environmental Svcs.

Date Sampled: 01/08/03

CLIENT'S SAMPLE ID: 03-0191-1308/North

Date sample received: 01/11/03

AES sample #: 030111 A06

Samples taken by: Client

Location: Various

MATRIX: Soil

grab

| <u>PARAMETER PERFORMED</u> | <u>METHOD</u> | <u>RESULT</u> | <u>UNITS</u> | <u>NOTES/REF</u> | <u>TEST DATE</u> |
|----------------------------|---------------|---------------|--------------|------------------|------------------|
| CLP-TS                     |               | 34            | %            | MG-C-1           | 01/13/03         |
| CLP-PH                     | EPA-9045      | 8.1           | su           | LS-A-1           | 01/14/03         |
| Chloromethane              | EPA-8260      | <10           | ug/kg        | MG-CC-18         | 01/13/03         |
| Bromomethane               | EPA-8260      | <10           | ug/kg        | MG-CC-18         | 01/13/03         |
| Vinyl Chloride             | EPA-8260      | <10           | ug/kg        | MG-CC-18         | 01/13/03         |
| Chloroethane               | EPA-8260      | <10           | ug/kg        | MG-CC-18         | 01/13/03         |
| Methylene Chloride         | EPA-8260      | <5            | ug/kg        | MG-CC-18         | 01/13/03         |
| Acetone                    | EPA-8260      | <10           | ug/kg        | MG-CC-18         | 01/13/03         |
| Carbon Disulfide           | EPA-8260      | <5            | ug/kg        | MG-CC-18         | 01/13/03         |
| 1,1-Dichloroethene         | EPA-8260      | <5            | ug/kg        | MG-CC-18         | 01/13/03         |
| 1,1-Dichloroethane         | EPA-8260      | <5            | ug/kg        | MG-CC-18         | 01/13/03         |
| trans-1,2-Dichloroethene   | EPA-8260      | <5            | ug/kg        | MG-CC-18         | 01/13/03         |
| Chloroform                 | EPA-8260      | <5            | ug/kg        | MG-CC-18         | 01/13/03         |
| 1,2 Dichloroethane         | EPA-8260      | <5            | ug/kg        | MG-CC-18         | 01/13/03         |
| 2-Butanone                 | EPA-8260      | <10           | ug/kg        | MG-CC-18         | 01/13/03         |
| 1,1,1-Trichloroethane      | EPA-8260      | <5            | ug/kg        | MG-CC-18         | 01/13/03         |
| Carbon Tetrachloride       | EPA-8260      | <5            | ug/kg        | MG-CC-18         | 01/13/03         |
| Vinyl Acetate              | EPA-8260      | <10           | ug/kg        | MG-CC-18         | 01/13/03         |
| Bromodichloromethane       | EPA-8260      | <5            | ug/kg        | MG-CC-18         | 01/13/03         |
| 1,2-Dichloropropane        | EPA-8260      | <5            | ug/kg        | MG-CC-18         | 01/13/03         |



314 North Pearl Street • Albany, New York 12207 • 800-848-4983 • (518) 434-4546 • Fax (518) 434-0891

Experience is the solution

| PARAMETERS PERFORMED      | METHOD   | RESULT | UNITS | NOTES REF | TEST DATE |
|---------------------------|----------|--------|-------|-----------|-----------|
| cis-1,3-Dichloropropene   | EPA-8260 | <5     | ug/kg | MG-CC-18  | 01/13/03  |
| Trichloroethene           | EPA-8260 | <5     | ug/kg | MG-CC-18  | 01/13/03  |
| Dibromochloromethane      | EPA-8260 | <5     | ug/kg | MG-CC-18  | 01/13/03  |
| 1,1,2-Trichloroethane     | EPA-8260 | <5     | ug/kg | MG-CC-18  | 01/13/03  |
| Benzene                   | EPA-8260 | <5     | ug/kg | MG-CC-18  | 01/13/03  |
| 1-1,3-Dichloropropene     | EPA-8260 | <5     | ug/kg | MG-CC-18  | 01/13/03  |
| Bromoforn                 | EPA-8260 | <5     | ug/kg | MG-CC-18  | 01/13/03  |
| 2-Hexanone                | EPA-8260 | <10    | ug/kg | MG-CC-18  | 01/13/03  |
| 4-Methyl-2-pentanone      | EPA-8260 | <10    | ug/kg | MG-CC-18  | 01/13/03  |
| Tetrachloroethene         | EPA-8260 | <5     | ug/kg | MG-CC-18  | 01/13/03  |
| 1,1,2,2-Tetrachloroethane | EPA-8260 | <5     | ug/kg | MG-CC-18  | 01/13/03  |
| Toluene                   | EPA-8260 | <5     | ug/kg | MG-CC-18  | 01/13/03  |
| Chlorobenzene             | EPA-8260 | <5     | ug/kg | MG-CC-18  | 01/13/03  |
| Ethylbenzene              | EPA-8260 | <5     | ug/kg | MG-CC-18  | 01/13/03  |
| Styrene                   | EPA-8260 | <5     | ug/kg | MG-CC-18  | 01/13/03  |
| Xylenes, Total            | EPA-8260 | <5     | ug/kg | MG-CC-18  | 01/13/03  |
| cis-1,2-Dichloroethene    | EPA-8260 | <5     | ug/kg | MG-CC-18  | 01/13/03  |
| Cis-Cyanide-2             | EPA-9012 | <1.2   | ug/g  |           | 01/16/03  |
| Aluminum                  | EPA-5010 | 14100  | ug/g  | SM-1-4E-5 | 01/20/03  |
| Antimony                  | EPA-5010 | 0.59 U | ug/g  | SM-1-4E-5 | 01/20/03  |

continued:

CLIENT: Paradigm Environmental Svcs.  
CLIENT'S SAMPLE ID: 03-0191-1308/North  
AES sample #: 030111 R06  
Samples taken by: Client  
Date Sampled: 01/08/03  
Date sample received: 01/11/03  
Location: Various  
grab



Experience is the solution

314 North Pearl Street • Albany, New York 12207 • 800-848-4983 • (518) 434-4546 • Fax (518) 434-0891

CLIENT: Paradigm Environmental Svcs.

Date Sampled: 01/08/03

CLIENT'S SAMPLE ID: 03-0191-1308/North

Date sample received: 01/11/03

RES sample #: 030111 A06

Samples taken by: Client

Location: Various

MATRIX: Soil

grab

continued:

| <u>PARAMETER</u> | <u>PERFORMED</u> | <u>METHOD</u> | <u>RESULT</u> | <u>UNITS</u> | <u>NOTES</u> | <u>REF</u> | <u>TEST DATE</u> |
|------------------|------------------|---------------|---------------|--------------|--------------|------------|------------------|
| Arsenic          |                  | EPA-6010      | 0.52 U        | ug/g         | SM-I-4F-5    |            | 01/20/03         |
| Barium           |                  | EPA-6010      | 59.2          | ug/g         | SM-I-4F-5    |            | 01/20/03         |
| Beryllium        |                  | EPA-6010      | 0.249         | ug/g         | SM-I-4F-5    |            | 01/20/03         |
| Cadmium          |                  | EPA-6010      | 0.048 U       | ug/g         | SM-I-4F-5    |            | 01/20/03         |
| Calcium          |                  | EPA-6010      | 27300         | ug/g         | SM-I-4F-5    |            | 01/20/03         |
| Chromium         |                  | EPA-6010      | 27.8          | ug/g         | SM-I-4F-5    |            | 01/20/03         |
| Cobalt           |                  | EPA-6010      | 3.6 B         | ug/g         | SM-I-4F-5    |            | 01/20/03         |
| Copper           |                  | EPA-6010      | 14.7          | ug/g         | SM-I-4F-5    |            | 01/20/03         |
| Iron             |                  | EPA-6010      | 14300         | ug/g         | SM-I-4F-5    |            | 01/20/03         |
| Lead             |                  | EPA-6010      | 57.3          | ug/g         | SM-I-4F-5    |            | 01/20/03         |
| Magnesium        |                  | EPA-6010      | 14500         | ug/g         | SM-I-4F-5    |            | 01/20/03         |
| Manganese        |                  | EPA-6010      | 295           | ug/g         | SM-I-4F-5    |            | 01/20/03         |
| Mercury          |                  | EPA-7471      | 0.077 B       | ug/g         | KR-HG-C-31   |            | 01/21/03         |
| Nickel           |                  | EPA-6010      | 0.24 U        | ug/g         | SM-I-4F-5    |            | 01/20/03         |
| Potassium        |                  | EPA-6010      | 1110 B        | ug/g         | SM-I-4F-5    |            | 01/20/03         |
| Selenium         |                  | EPA-6010      | 0.53 U        | ug/g         | SM-I-4F-5    |            | 01/20/03         |
| Silver           |                  | EPA-6010      | 0.43 U        | ug/g         | SM-I-4F-5    |            | 01/20/03         |
| Sodium           |                  | EPA-6010      | 111 B         | ug/g         | SM-I-4F-5    |            | 01/20/03         |
| Thallium         |                  | EPA-6010      | 0.76 U        | ug/g         | SM-I-4F-5    |            | 01/20/03         |
| Vanadium         |                  | EPA-6010      | 15.5          | ug/g         | SM-I-4F-5    |            | 01/20/03         |



Experience is the solution

314 North Pearl Street • Albany, New York 12207 • 800-848-4983 • (518) 434-4546 • Fax (518) 434-0891

CLIENT: Paradigm Environmental Svcs.

Date Sampled: 01/08/03

CLIENT'S SAMPLE ID: 03-0191-1308/North

Date sample received: 01/11/03

AES sample #: 030111 A06

Samples taken by: Client

Location: Various

MATRIX: Soil

grab

continued:

| <u>PARAMETER</u> | <u>PERFORMED</u> | <u>METHOD</u> | <u>RESULT</u> | <u>UNITS</u> | <u>NOTES/REF</u> | <u>TEST DATE</u> |
|------------------|------------------|---------------|---------------|--------------|------------------|------------------|
| Zinc             |                  | EPA-6010      | 96.3          | ug/g         | SM-I-4P-5        | 01/20/03         |



Experience is the solution

314 North Pearl Street • Albany, New York 12207 • 800-848-4983 • (518) 434-4546 • Fax (518) 434-0891

CLIENT: Paradigm Environmental Svcs.

Date Sampled: 01/08/03

CLIENT'S SAMPLE ID: 03-0191-1309/SO.West

Date sample received: 01/11/03

AES sample #: 030111 A07

Samples taken by: Client

Location: Various

MATRIX: Soil

grab

| <u>PARAMETER PERFORMED</u> | <u>METHOD</u> | <u>RESULT</u> | <u>UNITS</u> | <u>NOTES/REF</u> | <u>TEST DATE</u> |
|----------------------------|---------------|---------------|--------------|------------------|------------------|
| CLP-TS                     |               | 82            | g            | MG-C-1           | 01/13/03         |
| CLP-pH                     | EPA-9245      | 7.8           | su           | LS-A-1           | 01/14/03         |
| Chloromethane              | EPA-8260      | <10           | ug/kg        | MG-CC-13         | 01/13/03         |
| Bromomethane               | EPA-8260      | <10           | ug/kg        | MG-CC-13         | 01/13/03         |
| Vinyl Chloride             | EPA-8260      | <10           | ug/kg        | MG-CC-13         | 01/13/03         |
| Chloroethane               | EPA-8260      | <10           | ug/kg        | MG-CC-13         | 01/13/03         |
| Methylene Chloride         | EPA-8260      | <5            | ug/kg        | MG-CC-13         | 01/13/03         |
| Acetone                    | EPA-8260      | <10           | ug/kg        | MG-CC-13         | 01/13/03         |
| Carbon Disulfide           | EPA-8260      | <5            | ug/kg        | MG-CC-13         | 01/13/03         |
| 1,1-Dichloroethene         | EPA-8260      | <5            | ug/kg        | MG-CC-13         | 01/13/03         |
| 1,1-Dichloroethane         | EPA-8260      | <5            | ug/kg        | MG-CC-13         | 01/13/03         |
| trans-1,2-Dichloroethene   | EPA-8260      | <5            | ug/kg        | MG-CC-13         | 01/13/03         |
| Chloroform                 | EPA-8260      | <5            | ug/kg        | MG-CC-13         | 01/13/03         |
| 1,2-Dichloroethane         | EPA-8260      | <5            | ug/kg        | MG-CC-13         | 01/13/03         |
| 2-Butanone                 | EPA-8260      | <10           | ug/kg        | MG-CC-13         | 01/13/03         |
| 1,1,1-Trichloroethane      | EPA-8260      | <5            | ug/kg        | MG-CC-13         | 01/13/03         |
| Carbon Tetrachloride       | EPA-8260      | <5            | ug/kg        | MG-CC-13         | 01/13/03         |
| Vinyl Acetate              | EPA-8260      | <10           | ug/kg        | MG-CC-13         | 01/13/03         |
| Bromodichloromethane       | EPA-8260      | <5            | ug/kg        | MG-CC-13         | 01/13/03         |
| 1,2-Dichloropropane        | EPA-8260      | <5            | ug/kg        | MG-CC-13         | 01/13/03         |



Experience is the solution

314 North Pearl Street • Albany, New York 12207 • 800-848-4983 • (518) 434-4546 • Fax (518) 434-0891

CLIENT: Paradigm Environmental Svcs.

Date Sampled: 01/08/03

CLIENT'S SAMPLE ID: 03-0191-1303/SO.West

Date sample received: 01/11/03

AES sample #: 030111 A07

Samples taken by: Client

Location: Various

MATRIX: Soil

grab

continued:

| <u>PARAMETER PERFORMED</u> | <u>METHOD</u> | <u>RESULT</u> | <u>UNITS</u> | <u>NOTEBOOK REF</u> | <u>TEST DATE</u> |
|----------------------------|---------------|---------------|--------------|---------------------|------------------|
| cis-1,3-Dichloropropene    | EPA-8260      | <5            | ug/kg        | MG-CC-13            | 01/13/03         |
| Trichloroethene            | EPA-8260      | <5            | ug/kg        | MG-CC-13            | 01/13/03         |
| Dibromochloromethane       | EPA-8260      | <5            | ug/kg        | MG-CC-13            | 01/13/03         |
| 1,1,2-Trichloroethane      | EPA-8260      | <5            | ug/kg        | MG-CC-13            | 01/13/03         |
| Benzene                    | EPA-8260      | <5            | ug/kg        | MG-CC-13            | 01/13/03         |
| trans-1,3-Dichloropropene  | EPA-8260      | <5            | ug/kg        | MG-CC-13            | 01/13/03         |
| Bromoform                  | EPA-8260      | <5            | ug/kg        | MG-CC-13            | 01/13/03         |
| 2-Hexanone                 | EPA-8260      | <10           | ug/kg        | MG-CC-13            | 01/13/03         |
| 4-Methyl-2-pentanone       | EPA-8260      | <10           | ug/kg        | MG-CC-13            | 01/13/03         |
| Tetrachloroethene          | EPA-8260      | <5            | ug/kg        | MG-CC-13            | 01/13/03         |
| 1,1,2,2-Tetrachloroethane  | EPA-8260      | <5            | ug/kg        | MG-CC-13            | 01/13/03         |
| Toluene                    | EPA-8260      | <5            | ug/kg        | MG-CC-13            | 01/13/03         |
| Chlorobenzene              | EPA-8260      | <5            | ug/kg        | MG-CC-13            | 01/13/03         |
| Ethylbenzene               | EPA-8260      | <5            | ug/kg        | MG-CC-13            | 01/13/03         |
| Styrene                    | EPA-8260      | <5            | ug/kg        | MG-CC-13            | 01/13/03         |
| Xylenes, Total             | EPA-8260      | <5            | ug/kg        | MG-CC-13            | 01/13/03         |
| cis-1,2 Dichloroethene     | EPA-8260      | <5            | ug/kg        | MG-CC-13            | 01/13/03         |
| CSP-Cyanide-T              | EPA-9012      | <1.2          | ug/g         |                     | 01/15/03         |
| Aluminum                   | EPA-6010      | 12600         | ug/g         | SM-I-4F-5           | 01/20/03         |
| Antimony                   | EPA-6010      | 0.61 U        | ug/g         | SM-I-4F-5           | 01/20/03         |



Experience is the solution

314 North Pearl Street • Albany, New York 12207 • 800-848-4983 • (518) 434-4546 • Fax (518) 434-0891

CLIENT: Paradigm Environmental Svcs.

Date Sampled: 01/08/03

CLIENT'S SAMPLE ID: 03-0191-1309/So.West

Date sample received: 01/11/03

AES sample #: 030111 A07

Samples taken by: Client

Location: Various

MATRIX: Soil

grab

continued:

| <u>PARAMETER PERFORMED</u> | <u>METHOD</u> | <u>RESULT</u> | <u>UNITS</u> | <u>NOTES/REF</u> | <u>TEST DATE</u> |
|----------------------------|---------------|---------------|--------------|------------------|------------------|
| Arsenic                    | EPA-6010      | 0.54 U        | ug/g         | SM-I-4F-5        | 01/20/03         |
| Barium                     | EPA-6010      | 140           | ug/g         | SM-I-4F-5        | 01/20/03         |
| Beryllium                  | EPA-6010      | 0.14 B        | ug/g         | SM-I-4F-5        | 01/20/03         |
| Cadmium                    | EPA-6010      | 0.049 U       | ug/g         | SM-I-4F-5        | 01/20/03         |
| Calcium                    | EPA-6010      | 26500         | ug/g         | SM-I-4F-5        | 01/20/03         |
| Chromium                   | EPA-6010      | 48.1          | ug/g         | SM-I-4F-5        | 01/20/03         |
| Cobalt                     | EPA-6010      | 3.18          | ug/g         | SM-I-4F-5        | 01/20/03         |
| Copper                     | EPA-6010      | 9.5           | ug/g         | SM-I-4F-5        | 01/20/03         |
| Iron                       | EPA-6010      | 9260          | ug/g         | SM-I-4F-5        | 01/20/03         |
| Lead                       | EPA-6010      | 7.3           | ug/g         | SM-I-4F-5        | 01/20/03         |
| Magnesium                  | EPA-6010      | 15700         | ug/g         | SM-I-4F-5        | 01/20/03         |
| Manganese                  | EPA-6010      | 197           | ug/g         | SM-I-4F-5        | 01/20/03         |
| Mercury                    | EPA-7471      | 0.016 B       | ug/g         | KN-HG-C-31       | 01/21/03         |
| Nickel                     | EPA-6010      | 0.25 U        | ug/g         | SM-I-4F-5        | 01/20/03         |
| Potassium                  | EPA-6010      | 1320          | ug/g         | SM-I-4F-5        | 01/20/03         |
| Selenium                   | EPA-6010      | 0.61 U        | ug/g         | SM-I-4F-5        | 01/20/03         |
| Silver                     | EPA-6010      | 0.44 U        | ug/g         | SM-I-4F-5        | 01/20/03         |
| Sodium                     | EPA-6010      | 134 B         | ug/g         | SM-I-4F-5        | 01/20/03         |
| Thallium                   | EPA-6010      | 0.78 U        | ug/g         | SM-I-4F-5        | 01/20/03         |
| Vanadium                   | EPA-6010      | 14.1          | ug/g         | SM-I-4F-5        | 01/20/03         |



Experience is the solution

314 North Pearl Street • Albany, New York 12207 • 800-848-4983 • (518) 434-4546 • Fax (518) 434-0891

CLIENT: Paradigm Environmental Svcs.

Date Sampled: 01/20/03

CLIENT'S SAMPLE ID: 03-0191-1309/Sc West

Date sample received: 01/21/03

AES sample #: 030111 A07

Samples taken by: Client

Location: Various

MATRIX: Soil

grab

continued:

| <u>PARAMETER PERFORMED</u> | <u>METHOD</u> | <u>RESULT</u> | <u>UNITS</u> | <u>NOTEBOOK REF</u> | <u>TEST DATE</u> |
|----------------------------|---------------|---------------|--------------|---------------------|------------------|
| Zinc                       | EPA-6010      | 127           | ug/g         | SM-I-4F-5           | 01/20/03         |



Experience is the solution

314 North Pearl Street • Albany, New York 12207 • 800-848-4983 • (518) 434-4546 • Fax (518) 434-0891

CLIENT: Paradigm Environmental Svcs.

Date Sampled: 01/08/03

CLIENT'S SAMPLE ID: 03-0191-1310/No. West

Date sample received: 01/11/03

AES sample #: 030111 A03

Samples taken by: Client

Location: Various

MATRIX: Soil

Grab

| <u>PARAMETER PERFORMED</u> | <u>METHOD</u> | <u>RESULT</u> | <u>UNITS</u> | <u>NOTES/REF</u> | <u>TEST DATE</u> |
|----------------------------|---------------|---------------|--------------|------------------|------------------|
| CLP-TS                     |               | 79            | %            | MG-C-1           | 01/13/03         |
| CLP-pH                     | EPA-9045      | 7.6           | su           | LS-A-1           | 01/14/03         |
| Chloromethane              | EPA-8260      | <10           | ug/kg        | MG-CC-18         | 01/13/03         |
| Bromomethane               | EPA-8260      | <10           | ug/kg        | MG-CC-18         | 01/13/03         |
| Vinyl Chloride             | EPA-8260      | <10           | ug/kg        | MG-CC-18         | 01/13/03         |
| Chloroethane               | EPA-8260      | <10           | ug/kg        | MG-CC-18         | 01/13/03         |
| Methylene Chloride         | EPA-8260      | <5            | ug/kg        | MG-CC-18         | 01/13/03         |
| Acetone                    | EPA-8260      | <10           | ug/kg        | MG-CC-18         | 01/13/03         |
| Carbon Disulfide           | EPA-8260      | <5            | ug/kg        | MG-CC-18         | 01/13/03         |
| 1,1-Dichloroethene         | EPA-8260      | <5            | ug/kg        | MG-CC-18         | 01/13/03         |
| 1,1-Dichloroethane         | EPA-8260      | <5            | ug/kg        | MG-CC-18         | 01/13/03         |
| trans-1,2-Dichloroethene   | EPA-8260      | <5            | ug/kg        | MG-CC-18         | 01/13/03         |
| Chloroform                 | EPA-8260      | <5            | ug/kg        | MG-CC-18         | 01/13/03         |
| 1,2 Dichloroethane         | EPA-8260      | <5            | ug/kg        | MG-CC-18         | 01/13/03         |
| 2-Butanone                 | EPA-8260      | <10           | ug/kg        | MG-CC-18         | 01/13/03         |
| 1,1,1-Trichloroethane      | EPA-8260      | <5            | ug/kg        | MG-CC-18         | 01/13/03         |
| Carbon Tetrachloride       | EPA-8260      | <5            | ug/kg        | MG-CC-18         | 01/13/03         |
| Vinyl Acetate              | EPA-8260      | <10           | ug/kg        | MG-CC-18         | 01/13/03         |
| Bromodichloromethane       | EPA-8260      | <5            | ug/kg        | MG-CC-18         | 01/13/03         |
| 1,2-Dichloropropane        | EPA-8260      | <5            | ug/kg        | MG-CC-18         | 01/13/03         |



Experience is the solution

314 North Pearl Street • Albany, New York 12207 • 800-848-4983 • (518) 434-4546 • Fax (518) 434-0891

CLIENT: Paradigm Environmental Svcs.

Date Sampled: 01/08/03

CLIENT'S SAMPLE ID: 03-0191-1310/No. West

Date sample received: 01/11/03

AES sample #: 030111 A03

Samples taken by: Client

Location: Various

MATRIX: Soil

grab

continued:

| PARAMETER PERFORMED       | METHOD   | RESULT | UNITS | NOTEBOOK REF | TEST DATE |
|---------------------------|----------|--------|-------|--------------|-----------|
| cis-1,3-Dichloropropene   | EPA-8260 | <5     | ug/kg | MG-CC-18     | 01/13/03  |
| Trichloroethene           | EPA-8260 | <5     | ug/kg | MG-CC-18     | 01/13/03  |
| Dibromochloromethane      | EPA-8260 | <5     | ug/kg | MG-CC-18     | 01/13/03  |
| 1,1,2-Trichloroethane     | EPA-8260 | <5     | ug/kg | MG-CC-18     | 01/13/03  |
| Benzene                   | EPA-8260 | <5     | ug/kg | MG-CC-18     | 01/13/03  |
| trans-1,3-Dichloropropene | EPA-8260 | <5     | ug/kg | MG-CC-18     | 01/13/03  |
| Bromoform                 | EPA-8260 | <5     | ug/kg | MG-CC-18     | 01/13/03  |
| 2-Hexanone                | EPA-8260 | <10    | ug/kg | MG-CC-18     | 01/13/03  |
| 4-Methyl-2-pentanone      | EPA-8260 | <10    | ug/kg | MG-CC-18     | 01/13/03  |
| Tetrachloroethene         | EPA-8260 | <5     | ug/kg | MG-CC-18     | 01/13/03  |
| 1,1,2,2-Tetrachloroethane | EPA-8260 | <5     | ug/kg | MG-CC-18     | 01/13/03  |
| Toluene                   | EPA-8260 | <5     | ug/kg | MG-CC-18     | 01/13/03  |
| Chlorobenzene             | EPA-8260 | <5     | ug/kg | MG-CC-18     | 01/13/03  |
| Ethylbenzene              | EPA-8260 | <5     | ug/kg | MG-CC-18     | 01/13/03  |
| Styrene                   | EPA-8260 | <5     | ug/kg | MG-CC-18     | 01/13/03  |
| Xylenes, Total            | EPA-8260 | <5     | ug/kg | MG-CC-18     | 01/13/03  |
| cis-1,2 Dichloroethene    | EPA-8260 | <5     | ug/kg | MG-CC-18     | 01/13/03  |
| CLP-Cyanide-T             | EPA-9012 | 2.2    | ug/g  |              | 01/15/03  |
| Aluminum                  | EPA-6010 | 13300  | ug/g  | SM-I-4F-5    | 01/20/03  |
| Antimony                  | EPA-6010 | 0.70 B | ug/g  | SM-I-4F-5    | 01/20/03  |



Experience is the solution

314 North Pearl Street • Albany, New York 12207 • 800-848-4983 • (518) 434-4546 • Fax (518) 434-0891

CLIENT: Paradigm Environmental Svcs.

Date Sampled: 01/05/03

CLIENT'S SAMPLE ID: 03-0191-1310/No.West

Date sample received: 01/11/03

AES sample #: 030111 A08

Samples taken by: Client

Location: Various

MATRIX: Soil

grab

continued:

| <u>PARAMETER PERFORMED</u> | <u>METHOD</u> | <u>RESULT</u> | <u>UNITS</u> | <u>NOTES/REF</u> | <u>TEST DATE</u> |
|----------------------------|---------------|---------------|--------------|------------------|------------------|
| Arsenic                    | EPA-6010      | 0.95 U        | ug/g         | SM-I-4F-5        | 01/20/03         |
| Barium                     | EPA-6010      | 120           | ug/g         | SM-I-4F-5        | 01/20/03         |
| Beryllium                  | EPA-6010      | 0.17 B        | ug/g         | SM-I-4F-5        | 01/20/03         |
| Cadmium                    | EPA-6010      | 0.050 U       | ug/g         | SM-I-4F-5        | 01/20/03         |
| Calcium                    | EPA-6010      | 19900         | ug/g         | SM-I-4F-5        | 01/20/03         |
| Chromium                   | EPA-6010      | 80.9          | ug/g         | SM-I-4F-5        | 01/20/03         |
| Cobalt                     | EPA-6010      | 4.7 B         | ug/g         | SM-I-4F-5        | 01/20/03         |
| Copper                     | EPA-6010      | 21.2          | ug/g         | SM-I-4F-5        | 01/20/03         |
| Iron                       | EPA-6010      | 11400         | ug/g         | SM-I-4F-5        | 01/20/03         |
| Lead                       | EPA-6010      | 39.1          | ug/g         | SM-I-4F-5        | 01/20/03         |
| Magnesium                  | EPA-6010      | 11900         | ug/g         | SM-I-4F-5        | 01/20/03         |
| Manganese                  | EPA-6010      | 252           | ug/g         | SM-I-4F-5        | 01/20/03         |
| Mercury                    | EPA-7471      | 0.086 B       | ug/g         | KH-HG-C-31       | 01/21/03         |
| Nickel                     | EPA-6010      | 0.25 U        | ug/g         | SM-I-4F-5        | 01/20/03         |
| Potassium                  | EPA-6010      | 1100 B        | ug/g         | SM-I-4F-5        | 01/20/03         |
| Selenium                   | EPA-6010      | 0.63 U        | ug/g         | SM-I-4F-5        | 01/20/03         |
| Silver                     | EPA-6010      | 0.45 U        | ug/g         | SM-I-4F-5        | 01/20/03         |
| Sodium                     | EPA-6010      | 109 B         | ug/g         | SM-I-4F-5        | 01/20/03         |
| Thallium                   | EPA-6010      | 0.81 U        | ug/g         | SM-I-4F-5        | 01/20/03         |
| Vanadium                   | EPA-6010      | 16.2          | ug/g         | SM-I-4F-5        | 01/20/03         |



Experience is the solution

314 North Pearl Street • Albany, New York 12207 • 800-848-4983 • (518) 434-4546 • Fax (518) 434-0891

CLIENT: Paradigm Environmental Svcs.

Date Sampled: 01/03/03

CLIENT'S SAMPLE ID: 03-0191-1300/No.West

Date sample received: 01/11/03

AES sample #: 030111 A08

Samples taken by: Client

Location: Various

MATRIX: Soil

grab

continued:

| <u>PARAMETER</u> | <u>PERFORMED</u> | <u>METHOD</u> | <u>RESULT</u> | <u>UNITS</u> | <u>NOTES/REF</u> | <u>TEST DATE</u> |
|------------------|------------------|---------------|---------------|--------------|------------------|------------------|
| Zinc             |                  | EPA-6010      | 120           | ug/g         | SM-I-4P-5        | 01/20/03         |



Experience is the solution

314 North Pearl Street • Albany, New York 12207 • 800-848-4983 • (518) 434-4546 • Fax (518) 434-0891

CLIENT: Paradigm Environmental Svcs.

CLIENT'S SAMPLE ID: 03-0191-1311/TripSix

AES sample #: 030111 A09

Samples taken by: Client

MATRIX: Water

Date Sampled: 01/08/03

Date sample received: 01/11/03

Location: Various  
grab

| <u>PARAMETER PERFORMED</u> | <u>METHOD</u> | <u>RESULT</u> | <u>UNITS</u> | <u>NOTES/REF</u> | <u>TEST DATE</u> |
|----------------------------|---------------|---------------|--------------|------------------|------------------|
| Chloromethane              | EPA-624       | <10           | ug/l         | MG-CC-18         | 01/13/03         |
| Bromomethane               | EPA-624       | <10           | ug/l         | MG-CC-18         | 01/13/03         |
| Vinyl Chloride             | EPA-624       | <10           | ug/l         | MG-CC-18         | 01/13/03         |
| Chloroethane               | EPA-624       | <10           | ug/l         | MG-CC-18         | 01/13/03         |
| Methylene Chloride         | EPA-624       | <5            | ug/l         | MG-CC-18         | 01/13/03         |
| Acetone                    | EPA-624       | <10           | ug/l         | MG-CC-18         | 01/13/03         |
| Carbon Disulfide           | EPA-624       | <5            | ug/l         | MG-CC-18         | 01/13/03         |
| 1,1-Dichloroethene         | EPA-624       | <5            | ug/l         | MG-CC-18         | 01/13/03         |
| 1,1-Dichloroethane         | EPA-624       | <5            | ug/l         | MG-CC-18         | 01/13/03         |
| trans-1,2-Dichloroethene   | EPA-624       | <5            | ug/l         | MG-CC-18         | 01/13/03         |
| Chloroform                 | EPA-624       | <5            | ug/l         | MG-CC-18         | 01/13/03         |
| 1,2-Dichloroethane         | EPA-624       | <5            | ug/l         | MG-CC-18         | 01/13/03         |
| 2-Butanone                 | EPA-624       | <10           | ug/l         | MG-CC-18         | 01/13/03         |
| 1,1,1-Trichloroethane      | EPA-624       | <5            | ug/l         | MG-CC-18         | 01/13/03         |
| Carbon Tetrachloride       | EPA-624       | <5            | ug/l         | MG-CC-18         | 01/13/03         |
| Vinyl Acetate              | EPA-624       | <10           | ug/l         | MG-CC-18         | 01/13/03         |
| Bromodichloromethane       | EPA-624       | <5            | ug/l         | MG-CC-18         | 01/13/03         |
| 1,2-Dichloropropane        | EPA-624       | <5            | ug/l         | MG-CC-18         | 01/13/03         |
| cis-1,3-Dichloropropene    | EPA-624       | <5            | ug/l         | MG-CC-18         | 01/13/03         |
| Trichloroethene            | EPA-624       | <5            | ug/l         | MG-CC-18         | 01/13/03         |



Experience is the solution

314 North Pearl Street - Albany, New York 12207 • 800-848-4983 • (518) 434-4546 • Fax (518) 434-0891

CLIENT: Paradigm Environmental Svcs.

CLIENT'S SAMPLE ID: 03-0191-1311/TripBlk

AES sample #: 030111 A09

Samples taken by: Client

MATRIX: Water

Date Sampled: 01/08/03

Date sample received: 01/11/03

Location: Various  
grab

continued:

| <u>PARAMETER PERFORMED</u> | <u>METHOD</u> | <u>RESULT</u> | <u>UNITS</u> | <u>NOTES/REF</u> | <u>TEST DATE</u> |
|----------------------------|---------------|---------------|--------------|------------------|------------------|
| Dibromochloromethane       | EPA-624       | <5            | ug/l         | MG-CC-18         | 01/13/03         |
| 1,1,2-Trichloroethane      | EPA-624       | <5            | ug/l         | MG-CC-18         | 01/13/03         |
| Benzene                    | EPA-624       | <5            | ug/l         | MG-CC-18         | 01/13/03         |
| 1,1,3-Dichloropropane      | EPA-624       | <5            | ug/l         | MG-CC-18         | 01/13/03         |
| Bromoform                  | EPA-624       | <5            | ug/l         | MG-CC-18         | 01/13/03         |
| 2-Hexanone                 | EPA-624       | <10           | ug/l         | MG-CC-18         | 01/13/03         |
| 4-Methyl-2-pentanone       | EPA-624       | <10           | ug/l         | MG-CC-18         | 01/13/03         |
| Tetrachloroethene          | EPA-624       | <5            | ug/l         | MG-CC-18         | 01/13/03         |
| 1,1,2,2-Tetrachloroethane  | EPA-624       | <5            | ug/l         | MG-CC-18         | 01/13/03         |
| Toluene                    | EPA-624       | <5            | ug/l         | MG-CC-18         | 01/13/03         |
| Chlorobenzene              | EPA-624       | <5            | ug/l         | MG-CC-18         | 01/13/03         |
| Ethylbenzene               | EPA-624       | <5            | ug/l         | MG-CC-18         | 01/13/03         |
| Styrene                    | EPA-624       | <3            | ug/l         | MG-CC-18         | 01/13/03         |
| Xylenes, Total             | EPA-624       | <5            | ug/l         | MG-CC-18         | 01/13/03         |
| cis-1,2 Dichloroethene     | EPA-624       | <5            | ug/l         | MG-CC-18         | 01/13/03         |

APPROVED BY: \_\_\_\_\_

Report date: 01/23/03

# ENVIRONMENTAL SERVICES, INC.

179 Lake Avenue  
Rochester, NY 14608  
(585) 647-2530 \* (800) 724-1997  
FAX: (585) 647-3311

PROJECT NAME/SITE NAME:

Ingleside

REPORT TO:

INVOICE TO:

COMPANY: SAW Environmental  
ADDRESS: 21 O'Connor Road  
CITY: Fairport STATE: NY ZIP: 14450  
PHONE: 716 327 5500 FAX: 716 327 3641  
ATTN: Jim Hackett

COMPANY: CAME  
ADDRESS:  
CITY: STATE: ZIP:  
PHONE: FAX:  
ATTN:

LAB PROJECT #:  
CLIENT PROJECT #:  
TURNAROUND TIME: (WORKING DAYS)  
STD ☐ 1 ☐ 2 ☐ 3 ☒ 5 ☐ OTHER ☐ JSP

COMMENTS: Category B Protocol

## REQUESTED ANALYSIS

| DATE     | TIME | COMPOSITE | GRAB | SAMPLE LOCATION/FIELD ID | MATRIX | CONTAMINERS | TAL | TCL |  |  |  |  |  |  |  |  |  |  | REMARKS        | PARADIGM LAB SAMPLE NUMBER |
|----------|------|-----------|------|--------------------------|--------|-------------|-----|-----|--|--|--|--|--|--|--|--|--|--|----------------|----------------------------|
| 11-8-03  |      |           | X    | M10-1                    | UO     | 4           | X   | X   |  |  |  |  |  |  |  |  |  |  | Plus Cyanide   |                            |
| 2-1-8-03 |      |           | X    | M10-2                    | UO     | 4           | X   | X   |  |  |  |  |  |  |  |  |  |  | "              |                            |
| 3-1-8-03 |      |           | X    | M10-3                    | UO     | 4           | X   | X   |  |  |  |  |  |  |  |  |  |  | "              |                            |
| 4-1-8-03 |      |           | X    | M10-4                    | UO     | 11          | X   | X   |  |  |  |  |  |  |  |  |  |  | MC/MED Samples |                            |
| 5-1-8-03 |      | X         |      | South Base               | UO     | 2           | X   |     |  |  |  |  |  |  |  |  |  |  | Plus Cyanide   |                            |
| 6-1-8-03 |      | X         |      | North Base               | UO     | 2           | X   |     |  |  |  |  |  |  |  |  |  |  | " "            |                            |
| 7-1-8-03 |      | X         |      | South/West Wall          | UO     | 2           | X   |     |  |  |  |  |  |  |  |  |  |  | " "            |                            |
| 8-1-8-03 |      | X         |      | North/West Wall          | UO     | 2           | X   |     |  |  |  |  |  |  |  |  |  |  | " "            |                            |
| 9-1-8-03 |      |           | X    | Trap Blank               | UO     | 1           |     |     |  |  |  |  |  |  |  |  |  |  |                |                            |
| 10       |      |           |      |                          |        |             |     |     |  |  |  |  |  |  |  |  |  |  |                |                            |

\*\*LAB USE ONLY\*\*

SAMPLE CONDITION: Check box if acceptable or note deviation:

CONTAINER TYPE: ☐

PRESERVATIONS: ☐

HOLDING TIME: ☐

TEMPERATURE: ☐

Sampled By: Paul Forster Paul Forster  
Date/Time: 11/8/03/14:00  
Relinquished By: Jim Hackett  
Date/Time: 11/10/03/7:00  
Received By: [Signature]  
Date/Time: 11/10/03/10:00

Relinquished By: Date/Time:  
Received By: Date/Time:  
Received @ Lab By: Date/Time:  
Total Cost:  
P.I.F.:

*Appendix E*

**Waste Disposal Documentation**

Display Device . . . . . : QPAD8V0048  
User . . . . . : WM0766LML

CNJABTK CHANGE MIDWEST REGIONAL LAB ASPRCWHEIV 3/11/02 8:15:17  
Maintain Sample Tracking Timeline Comments

Profile No CT9414 Tracking No 4567447 Desc. RECEIVED AWAITING CUST. INFO.

Type options, press Enter. D=Delete Comment

| ? | Comments                                           | Date    | User ID   |
|---|----------------------------------------------------|---------|-----------|
|   | HE MUST HAVE TOTAL CYANIDE PRIOR TO APPROVAL. HAVE | 3/11/02 | WM0766ACO |
|   | THEM SEND A SAMPLE HERE. SINCE THIS IS IN BULK,    | 3/11/02 | WM0766ACO |
|   | HE WILL NEED TO DEVELOP A RECIPE, NOT SURE IF STD  | 3/11/02 | WM0766ACO |
|   | ONE WILL WORK.                                     | 3/11/02 | WM0766ACO |
|   | * I WILL FAX TO SAH ENV                            | 3/11/02 | WM0766LML |

Ver#4A.00

F3=Exit



81 O'Connor Road  
Fairport, NY 14450

Phone: 585-377-5545  
Fax: 585-377-3861

Number of Pages Including Cover Page: 9

Date: 3-5-02

TO: Lisa Robbins

Fax #: 716-754-0211

Time: \_\_\_\_\_

FROM: Jon Heerkens

RE: Disposal

Comments: \_\_\_\_\_

Lisa,  
Attached is analysis from the source  
material.

The concentration of Chromium decreased  
in the soils to @ 100 ppb (Total) at  
the edge of the excavation limits

Please review + call w/questions/comments

## WASTE MANAGEMENT

## GENERATOR'S WASTE PROFILE SHEET

PLEASE PRINT IN INK OR TYPE

Service Agreement on File? ☒ YES ☐ NOProfile Number: WM **CT9414**☒ Hazardous ☐ Non-Hazardous ☐ TSCA

Renewal Date: / /

## A. Waste Generator Information

1. Generator Name: Ingleside Machine Co. 2. SIC Code: \_\_\_\_\_  
 3. Facility Street Address: 1118 Mertensia Rd 4. Phone: (585) 924-3046  
 5. Facility City: Farmington 6. State/Province: New York  
 7. Zip/Postal Code: 14425 8. Generator USEPA/Federal ID #: \_\_\_\_\_  
 9. County: Ontario 10. State/Province ID #: \_\_\_\_\_  
 11. Customer Name: SAW Environmental 12. Customer Phone: (585) 377-5545  
 13. Customer Contact: Jon F. Heerkens 14. Customer Fax: 585 377-3861  
 15. Billing Address: 81 O'Connor Road Fairport NY 14450 ☐ Same as above

## B. Waste Stream Information

## 1. Description

a. Name of Waste: Chromium Contaminated Soil  
 b. Process Generating Waste: Drywell soils from discharge of plating wash.

|                          |                                           |                                                                                                                                                                                                         |                                                                                                       |                                                          |
|--------------------------|-------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------|----------------------------------------------------------|
| c. Color<br><u>Brown</u> | d. Strong odor (describe):<br><u>None</u> | e. Physical state @ 70°F<br><input checked="" type="checkbox"/> Solid <input type="checkbox"/> Liquid<br><input type="checkbox"/> Gas <input type="checkbox"/> Sludge<br><input type="checkbox"/> Other | f. Layers<br><input checked="" type="checkbox"/> Single Layer<br><input type="checkbox"/> Multi-layer | g. Free liquid range<br>to %<br><br>h. pH: Range<br>to % |
|--------------------------|-------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------|----------------------------------------------------------|

i. Liquid Flash Point: ☐ <73°F ☐ 73-99°F ☐ 100-139°F ☐ 140-199°F ☐ ≥ 200°F ☐ Not applicable

j. Chemical Composition (List all constituents (including halogenated organics, debris, and UMC's) present in any concentration and submit representative analysis):

| Constituents | Concentration Range | Constituents | Concentration Range |
|--------------|---------------------|--------------|---------------------|
|              |                     |              |                     |
|              |                     |              |                     |
|              |                     |              |                     |

TOTAL COMPOSITION MUST EQUAL OR EXCEED 100%

k. ☐ Oxidizer ☐ Pyrophoric ☐ Explosive ☐ Radioactive  
☒ Carcinogen ☐ Infectious ☐ Shock Sensitive ☐ Water Reactive

l. Does the waste represented by this profile contain any of the carcinogens which require OSHA notification? (list in Section B.1.j) \_\_\_\_\_

☐ YES ☒ NO

m. Does the waste represented by this profile contain dioxins? (list in Section B.1.j) \_\_\_\_\_

☐ YES ☒ NO

n. Does the waste represented by this profile contain asbestos? \_\_\_\_\_

☐ YES ☒ NO

If yes, \_\_\_\_\_

☐ friable ☐ non-friable

o. Does the waste represented by this profile contain benzene? \_\_\_\_\_

☐ YES ☒ NO

If yes, concentration \_\_\_\_\_ ppm

Is the waste subject to the benzene waste operations NESHAP? \_\_\_\_\_

☐ YES ☒ NO

p. Is the waste subject to RCRA Subpart CC controls? \_\_\_\_\_

☒ YES ☐ NO

If no, does the waste meet the organic LDR Exemption? \_\_\_\_\_

☐ YES ☐ NO

If no, does the waste contain &lt;500 ppmw volatile organic (VO)? \_\_\_\_\_

☐ YES ☐ NO

Volatile organic concentration \_\_\_\_\_ ppmw

q. Does the waste contain any Class I or Class II ozone-depleting substances? \_\_\_\_\_

☐ YES ☒ NO

r. Does the waste contain debris? (list in Section B.1.j) \_\_\_\_\_

☐ YES ☒ NO

## 2. Quantity of Waste

Estimated Annual Volume 40 ☒ Tons ☐ Yards ☐ Drums ☐ Other (specify) \_\_\_\_\_

## 3. Shipping Information

## a. Packaging:

☒ Bulk Solid; Type/Size: Roll-off☐ Bulk Liquid; Type/Size: \_\_\_\_\_☐ Drum; Type; Size: \_\_\_\_\_☐ Other: \_\_\_\_\_b. Shipping Frequency: Units 2 (est) Per: ☐ Month ☐ Quarter ☐ Year ☒ One time ☐ Other \_\_\_\_\_c. Is this a U.S. Department of Transportation (USDOT) Hazardous Material? (If no, skip d, e, and f) \_\_\_\_\_ ☐ YES ☐ NO



## GENERATOR'S WASTE PROFILE SHEET

EASE PRINT IN INK OR TYPE

d. Reportable Quantity (lbs.; kgs.): 5000 / 2270 e. Hazard Class/ID #: ORM - E UN 1759  
f. USDOT Shipping Name: \_\_\_\_\_  
g. Personal Protective Equipment Requirements: Impervious Gloves Hepa APR  
h. Transporter/Transfer Station: Buffalo Fuels

### C. Generator's Certification. (Please check appropriate responses, sign, and date below.)

1. Is this a USEPA hazardous waste (40 CFR Part 261)? If the answer is no, skip to 2. ☒ YES ☐ NO
  - a. If yes, identify ALL USEPA listed and characteristic waste code numbers (D, F, K, P, U) F-6 → F-19
  - b. If a characteristic hazardous waste, do underlying hazardous constituents (UHCs) apply? (if yes, list in Section B.1.) ☐ YES ☒ NO
  - c. Does this waste contain debris? (if yes, list size and type in Chemical Composition - B.1.) ☐ YES ☒ NO
2. Is this a state hazardous waste? ☒ YES ☐ NO  
Identify ALL state hazardous waste codes \_\_\_\_\_
3. Is the waste from a CERCLA (40 CFR 300, Appendix B) or state mandated clean-up? ☐ YES ☒ NO  
If yes, attach Record of Decision (ROD), 104/106 or 122 order or court order that governs site clean-up activity. For state mandated clean-up, provide relevant documentation.
4. Does the waste represented by this waste profile sheet contain radioactive material, or is disposal regulated by the Nuclear Regulatory Commission? ☐ YES ☒ NO
5. Does the waste represented by this waste profile sheet contain concentrations of Polychlorinated Biphenyls (PCBs) regulated by 40 CFR 761? (if yes, list in Chemical Composition - B.1.) ☐ YES ☒ NO
  - a. If yes, were the PCBs imported into the U.S.? ☐ YES ☐ NO
6. Do the waste profile sheet and all attachments contain true and accurate descriptions of the waste material, and has all relevant information within the possession of the Generator regarding known or suspected hazards pertaining to the waste been disclosed to the Contractor? ☒ YES ☐ NO
7. Will all changes which occur in the character of the waste be identified by the Generator and disclosed to the Contractor prior to providing the waste to the Contractor? ☒ YES ☐ NO

☒ Check here if a Certificate of Destruction or Disposal is required.

Any sample submitted is representative as defined in 40 CFR 261 - Appendix I or by using an equivalent method. I authorize WM to obtain a sample from any waste shipment for purposes of recertification. If this certification is made by a broker, the undersigned signs as authorized agent of the generator and has confirmed the information contained in this Profile Sheet from information provided by the generator and additional information as it has determined to be reasonably necessary. If approved for management, Contractor has all the necessary permits and licenses for the waste that has been characterized and identified by this approved profile.

Certification Signature: Jon Heerleens Title: Project Manager  
Name (Type or Print): Jon Heerleens Company Name: S&W Environmental Date: 2-5-03

☐ Check if additional information is attached. Indicate the number of attached pages \_\_\_\_\_

### D. WM Management's Decision

### FOR WM USE ONLY

1. Management Method ☐ Landfill ☐ Non-hazardous Solidification ☐ Bioremediation ☐ Incineration  
☐ Hazardous Stabilization ☐ Other (Specify) \_\_\_\_\_
  2. Proposed Ultimate Management Facility: \_\_\_\_\_
  3. Precautions, Special Handling Procedures, or Limitation on Approval: \_\_\_\_\_
  4. Waste Form \_\_\_\_\_
  5. Source \_\_\_\_\_
  6. System Type ☐ Approved ☐ Disapproved
- Special Waste Decision \_\_\_\_\_  
Salesperson's Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
Division Approval Signature (Optional): \_\_\_\_\_ Date: \_\_\_\_\_  
Special Waste Approvals Person Signature: \_\_\_\_\_ Date: \_\_\_\_\_

# Laboratory Test Report



## Lozier Laboratories, Inc.

5611 Water St.  
Middlesex NY, 14507  
Phone (585)-654-6350  
Fax (585)-554-4114

New York State  
Approved  
Environmental Laboratory  
# 10390

Prepared for: ExpressLab, Inc.  
5611 Water St., Middlesex, NY 14507

Laboratory Number: 15974

ExpressLab Client: SAW Environmental  
81 O'Connor Rd.  
Fairport, NY 14450

Report Date: 1/31/02

Attention:

Client Project Customer: Ingleside  
Client Project Site: 1118 Mertensia Rd.

### Sample Information

Date Received at Lozier: 1/29/02  
Date Received at ExpressLab: 1/29/02  
Sample Date: 1/28/02  
Sampled By: Client  
Matrix: Soil

| Lozier Sample ID:     | 15974--1                                |       |               |               |
|-----------------------|-----------------------------------------|-------|---------------|---------------|
| ExpressLab Sample ID: | 84870                                   |       |               |               |
| SAW Env. Sample ID:   | Pipe and Drywell Composite              |       |               |               |
|                       | (Sample Consisted of 2 sample jars.     |       |               |               |
|                       | The jars were composited for analysis.) |       |               |               |
| Parameter             |                                         | Units | Method Number | Analysis Date |
| Aluminum              | 51,700                                  | mg/kg | EPA 6010B     | 1/30/02       |
| Antimony              | 28.1                                    | mg/kg | EPA 6010B     | 1/30/02       |
| Arsenic               | 5.36                                    | mg/kg | EPA 6010B     | 1/30/02       |
| Barium                | 5,820                                   | mg/kg | EPA 6010B     | 1/30/02       |
| Beryllium             | 1.40                                    | mg/kg | EPA 6010B     | 1/30/02       |
| Cadmium               | 15.8                                    | mg/kg | EPA 6010B     | 1/30/02       |
| Calcium               | 18,800                                  | mg/kg | EPA 6010B     | 1/30/02       |
| Chromium              | 3,260                                   | mg/kg | EPA 6010B     | 1/30/02       |
| Cobalt                | 18.3                                    | mg/kg | EPA 6010B     | 1/30/02       |
| Copper                | 5,270                                   | mg/kg | EPA 6010B     | 1/30/02       |
| Iron                  | 27,100                                  | mg/kg | EPA 6010B     | 1/30/02       |
| Lead                  | 1,180                                   | mg/kg | EPA 6010B     | 1/30/02       |
| Magnesium             | 5,360                                   | mg/kg | EPA 6010B     | 1/30/02       |
| Manganese             | 106                                     | mg/kg | EPA 6010B     | 1/30/02       |
| Nickel                | 124                                     | mg/kg | EPA 6010B     | 1/30/02       |
| Potassium             | 1,680                                   | mg/kg | EPA 6010B     | 1/30/02       |
| Selenium              | <0.734                                  | mg/kg | EPA 6010B     | 1/30/02       |
| Silver                | <0.734                                  | mg/kg | EPA 6010B     | 1/30/02       |
| Sodium                | 3,080                                   | mg/kg | EPA 6010B     | 1/30/02       |
| Thallium              | 24.1                                    | mg/kg | EPA 6010B     | 1/30/02       |
| Vanadium              | 48.2                                    | mg/kg | EPA 6010B     | 1/30/02       |
| Zinc                  | 618                                     | mg/kg | EPA 6010B     | 1/30/02       |
| Mercury               | 0.846                                   | mg/kg | EPA 7471      | 1/30/02       |

The results are based on the dry weight.

ELAP APPROVED LAB # 10390  
NELAP APPROVED LAB  
ExpressLab ELAP # 11369

PAGE: 1 of 1

Approved By:

*James A. Conner*  
Technical Director



# Lozier Analytical Group

☐ Lozier Laboratories, Inc., #10390

888 - 841 - 5227

☐ EXPRESSLAB, Inc., #11369

800 - 843 - 5227

## LABORATORY REPORT - 8270 PAH

Cust **SAW ENVIRONMENTAL**

Address: **81 O'CONNOR RD.**

**FAIRPORT, NY 14450**

Attn: **JON HEERKENS**

Phone **377-5545**

FAX **377-3861**

PO Number:

Project Number **INGLESIDE**

Project Cust: **1118 MERTENSIA RD.**

Project Site:

Date FAXED:

Lab Director

## SAMPLE DEMOGRAPHICS AND TEST RESULTS

Results in bold type; Detection Limits in small print

Detection Limits\* =

Soil=mg/Kg ppm

\*See Individual Limit

Results shown are: **PAH Compounds**

Extraction Method: **EPA 3550 Sonication**

Analysis Method: **EPA 8270 GC/MS**

Sample ID (LAB)

**48870**

Sample ID#1(CUST)

**PIPE&DRYWELL COMPSITE**

Sample ID#2(CUST)

Matrix

**SOIL**

Sampled By

**JON HEERKENS**

Date Sampled

**01/28/02**

Date Received

**01/29/02 12:55**

Date Analyzed

**01/31/02**

Date Reported

**01/31/02**

Results Det Limit\*

Naphthalene

< DL(U) 0.167

Acenaphthylene

< DL(U) 0.167

Acenaphthene

< DL(U) 0.167

Fluorene

< DL(U) 0.167

Phenanthrene

< DL(U) 0.167

Anthracene

< DL(U) 0.167

Fluoranthene

< DL(U) 0.167

Pyrene

< DL(U) 0.167

Benzo(a)anthracene

< DL(U) 0.167

Chrysene

< DL(U) 0.167

Benzo(b)fluoranthene

< DL(U) 0.167

Benzo(k)fluoranthene

< DL(U) 0.167

Benzo(a)pyrene

< DL(U) 0.167

Indeno(1,2,3-c,d)pyrene

< DL(U) 0.167

Dibenz(a,h)anthracene

< DL(U) 0.167

Benzo(g,h,i)perylene

< DL(U) 0.167

\* DL = Detection Limit

Page 1

RESULTS WHEN YOU WANT THEM

# Lozier Analytical Group

☐ Lozier Laboratories, Inc., #10390

888 - 841 - 5227

☐ EXPRESSLAB, Inc., #11369

800 - 843 - 5227

## LABORATORY REPORT - PCB's by 8082

Cust **SAW ENVIRONMENTAL**

Address: **81 O'CONNOR RD.**

**FAIRPORT, NY 14450**

Attn: **JON HEERKENS**

Phone **377-5545**

FAX **377-3861**

PO Number:

Project Number: **INGLESIDE**

Project Cust: **1118 MERTENSIA RD.**

Project Site:

Date FAXED:

Lab Director



## SAMPLE DEMOGRAPHICS AND TEST RESULTS

Results in bold type; Detection Limits in small print

Detection Limits\* = Soil=ug/kg ppb

Extraction Method: **3550 Sonication**

\*See Individual Limit

Analysis Method: **EPA 8082 GC with ECD**

Sample ID (LAB) **48870**

Sample ID#1(CUST) **PIPE&DRYWELL COMPOSITE**

Sample ID#2(CUST)

Matrix **SOIL**

Sampled By **JON HEERKENS**

Date Sampled **1/28/02 0:00**

Date Received **1/29/02 12:55**

Date Analyzed **1/30/02**

Date Reported **1/30/02**

|                     | Results        | Det Limit* |
|---------------------|----------------|------------|
| <b>Aroclor 1016</b> | < <b>DL(U)</b> | 16.7       |
| <b>Aroclor 1221</b> | < <b>DL(U)</b> | 16.7       |
| <b>Aroclor 1232</b> | < <b>DL(U)</b> | 16.7       |
| <b>Aroclor 1242</b> | < <b>DL(U)</b> | 16.7       |
| <b>Aroclor 1248</b> | < <b>DL(U)</b> | 16.7       |
| <b>Aroclor 1254</b> | < <b>DL(U)</b> | 16.7       |
| <b>Aroclor 1260</b> | < <b>DL(U)</b> | 16.7       |

< DL(U)=analyzed but not detected

L=estimated value

B=analyte found in blank

E=exceed calibration range

\* DL = Detection Limit

**RESULTS WHEN YOU WANT THEM**

PCB



# Lozier Analytical Group

☐ Lozier Laboratories, Inc., #10390

888 - 841 - 5227

☐ EXPRESSLAB, Inc., #11369

800 - 843 - 5227

## LABORATORY REPORT - METHOD 8260

Cust **SAW ENVIRONMENTAL**

Address: **81 O'CONNOR RD.**

**FAIRPORT, NY 14450**

Attn: **JON HEERKENS**

Phone 377-5545

FAX 377-3861

PO Number:

Project Number **INGLESIDE**

Project Cust: **1118 MERTENSIA RD.**

Project Site:

Date FAXED:

Lab Director

## SAMPLE DEMOGRAPHICS AND TEST RESULTS

Results in bold type; Detection Limits in small print

Detection Limits\* =

Soil=ug/kg ppb

\*See Individual Limit

Water=ug/L ppb

Results shown are: **Volatile Organic Analytes**

Extraction Method: **EPA 5030 Purge & Trap**

Analysis Method: **EPA 8260 GC/MS**

Sample ID (LAB)

**48870**

Sample ID#1(CUST)

**PIPE&DRYWELL COMPSITE**

Sample ID#2(CUST)

Matrix

**SOIL**

Sampled By

**JON HEERKENS**

Date Sampled

**01/28/02 00:00**

Date Received

**01/29/02 12:55**

Date Analyzed

**01/31/02**

Date Reported

**01/31/02**

Dichlorodifluoromethane

<DL(U) 4.0

Vinyl Chloride

<DL(U) 4.0

Chloromethane

<DL(U) 4.0

Bromomethane

<DL(U) 4.0

Chloroethane

<DL(U) 4.0

Trichlorofluoromethane

<DL(U) 4.0

1,1-Dichloroethene

<DL(U) 4.0

Acetone

<DL(U) 20.0

Methylene Chloride

<DL(U) 20.0

trans-1,2-Dichloroethene

<DL(U) 4.0

Methyl-tert-butyl ether

<DL(U) 4.0

1,1-Dichloroethane

<DL(U) 4.0

2,2-Dichloropropane

<DL(U) 4.0

cis-1,2-Dichloroethene

<DL(U) 4.0

Methyl ethyl ketone

<DL(U) 4.0

Bromochloromethane

<DL(U) 4.0

Chloroform

<DL(U) 4.0

1,1,1-Trichloroethane

<DL(U) 4.0

1,1-Dichloropropene

Carbon Tetrachloride

1,2-Dichloroethane

Trichloroethene

1,2-Dichloropropane

Dibromomethane

Bromoform

Bromodichloromethane

1,1,2,2-Tetrachloroethane

Benzene

cis-1,3-Dichloropropene

4-Methyl-2-pentanone

Toluene

trans-1,3-Dichloropropene

1,1,2-Trichloroethane

Tetrachloroethene

1,3-Dichloropropane

2-Hexanone

Results Det Limit\*

<DL(U) 4.0

<DL(U) 4.0

<DL(U) 4.0

<DL(U) 4.0

<DL(U) 4.0

<DL(U) 4.0

<DL(U) 4.0

<DL(U) 4.0

<DL(U) 4.0

<DL(U) 4.0

<DL(U) 4.0

<DL(U) 4.0

<DL(U) 4.0

<DL(U) 4.0

<DL(U) 4.0

<DL(U) 4.0

<DL(U) 4.0

<DL(U) 4.0

\* DL = Detection Limit

Page 1

RESULTS WHEN YOU WANT THEM



# Lozier Analytical Group

☐ Lozier Laboratories, Inc., #10390

888 - 841 - 5227

☐ EXPRESSLAB, Inc., #11369

800 - 843 - 5227

## LABORATORY REPORT - METHOD 8260

Cust **SAW ENVIRONMENTAL**

Address: **81 O'CONNOR RD.**

**FAIRPORT, NY 14450**

Attn: **JON HEERKENS**

Phone **377-5545**

FAX **377-3861**

PO Number:

Project Number **INGLESIDE**

Project Cust: **1118 MERTENSIA RD.**

Project Site:

Date FAXED:

Lab Director

## SAMPLE DEMOGRAPHICS AND TEST RESULTS

Results in bold type; Detection Limits in small print

Detection Limits\* =

Soil=ug/kg ppb

\*See Individual Limit

Water=ug/L ppb

Results shown are: **Volatile Organic Analytes**

Extraction Method: **EPA 5030 Purge & Trap**

Analysis Method: **EPA 8260 GC/MS**

Sample ID (LAB)

**48870**

Sample ID#1(CUST)

**PIPE&DRYWELL COMPSITE**

Sample ID#2(CUST)

Matrix

**SOIL**

Sampled By

**JON HEERKENS**

Date Sampled

**01/28/02 00:00**

Date Received

**01/29/02 12:55**

Date Analyzed

**01/31/02**

Date Reported

**01/31/02**

Results Det Limit\*

Results Det Limit\*

Dibromochloromethane

<DL(U) 4.0

**1,3-Dichlorobenzene**

<DL(U) 4.0

1,2-Dibromoethane

<DL(U) 4.0

**4-Isopropyltoluene**

<DL(U) 4.0

Ethylbenzene

<DL(U) 4.0

**1,4-Dichlorobenzene**

<DL(U) 4.0

m&p-Xylene

<DL(U) 8.0

**1,2-Dichlorobenzene**

<DL(U) 4.0

o-Xylene

<DL(U) 4.0

**n-Butylbenzene**

<DL(U) 4.0

Styrene

<DL(U) 4.0

**1,2-Dibromo-3-chloropropane**

<DL(U) 4.0

Isopropylbenzene

<DL(U) 4.0

**1,2,4-Trichlorobenzene**

<DL(U) 4.0

n-Propylbenzene

<DL(U) 4.0

**Hexachlorobutadiene**

<DL(U) 4.0

1,3,5-Trimethylbenzene

<DL(U) 4.0

**Naphthalene**

<DL(U) 10.0

tert-Butylbenzene

<DL(U) 4.0

**1,2,3-Trichlorobenzene**

<DL(U) 4.0

1,2,4-Trimethylbenzene

<DL(U) 4.0

sec-Butylbenzene

<DL(U) 4.0

Chlorobenzene

<DL(U) 4.0

1,1,1,2-Tetrachloroethane

<DL(U) 4.0

Bromobenzene

<DL(U) 4.0

1,2,3-Trichloropropane

<DL(U) 4.0

2-Chlorotoluene

<DL(U) 4.0

4-Chlorotoluene

<DL(U) 4.0

< DL(U)= analyzed but not detected

L= estimated value

B=analyte found in blank

E=exceed calibration range

J= < pql but > MDL

\* DL = Detection Limit

Page 2

RESULTS WHEN YOU WANT THEM



# Lozier Analytical Group

☐ Lozier Laboratories, Inc., #10390

888 - 841 - 5227

☐ EXPRESSLAB, Inc., #11369

800 - 843 - 5227

## LABORATORY REPORT - MISC

Cust **SAW ENVIRONMENTAL**

Address: **81 O'CONNOR RD.**

**FAIRPORT, NY 14450**

Attn: **JON HEERKENS**

Phone 377-5545

FAX 377-3861

PO Number:

Project Number **INGLESIDE**

Project Cust: **1118 MERTENSIA RD.**

Project Site:

Date FAXED:

Lab Director

## SAMPLE DEMOGRAPHICS AND TEST RESULTS

Results in bold type

Detection Limits = Water=mg/L or PPM

Soil=mg/Kg or PPM

Sample ID (LAB)

**48870**

Sample ID#1(CUST)

**PIPE&DRYWELL COMPSITE**

Sample ID#2(CUST)

Matrix

**SOIL**

Sampled By

**JON HEERKENS**

Date Sampled

**01/28/02 00:00**

Date Received

**01/29/02 12:55**

Date Analyzed

**01/30/02**

Date Reported

**01/31/02**

Reactivity:

Sulfide: < 20 PPM

Cyanide: < 20 PPM

< DL(U)= analyzed but not detected

L= estimated value

B=analyte found in blank

E=exceed calibration range

**RESULTS WHEN YOU WANT THEM**

48870

MANILLA  
COPY**SLAB**

P.O. Box 40, 5611 Water Street, Middlesex, NY 14507  
 NY #11369 NJ #73744 CA #2055 SC #91011  
 Phone #: 800-843-5227  
 Fax #: 716-554-4114

*"Specializing in Environmental Soil Tests"***WORKORDER**Date Due: 1/13/02☐ Standard Service☒ Rush Service

Customer: SAW Environmental  
 Address: 81 O'Connor Road  
 City / State / Zip: Fairport NY 14450  
 Phone: (716) 377-5545  
 Fax: (716) 377-3861  
 Contact: \_\_\_\_\_

PO No.: \_\_\_\_\_  
 Project No.: \_\_\_\_\_  
 Project Cust.: Indieside  
 Project Site: 1117 Montecarlo Rd  
 Spill No.: \_\_\_\_\_  
 Pin No.: \_\_\_\_\_

**Sample Demographics and Parameters for Analysis**

Special Instructions: \* Composite sample  
please mix thoroughly

**Parameters for Analysis**

EPA Method 8200 BVA  
 EPA Method 7260 TAL  
 EPA Method 9000 PCB  
 EPA Method 6010 TAL  
 Reactivity (Cyanide)

Suspect Ingredient: ☐ Diesel ☐ Gasoline ☐ Oil

| Date    | Time | Sample Description & Location | MATRIX  |      |       | EPA Method 8200 BVA | EPA Method 7260 TAL | EPA Method 9000 PCB | EPA Method 6010 TAL | Reactivity (Cyanide) |
|---------|------|-------------------------------|---------|------|-------|---------------------|---------------------|---------------------|---------------------|----------------------|
|         |      |                               | Aqueous | Soil | Other |                     |                     |                     |                     |                      |
| 1-29-02 |      | Pipe + Drywell Composite      |         | X    |       | X                   | X                   | X                   | X                   | X                    |
|         |      |                               |         |      |       |                     |                     |                     |                     |                      |
|         |      |                               |         |      |       |                     |                     |                     |                     |                      |
|         |      |                               |         |      |       |                     |                     |                     |                     |                      |
|         |      |                               |         |      |       |                     |                     |                     |                     |                      |
|         |      |                               |         |      |       |                     |                     |                     |                     |                      |
|         |      |                               |         |      |       |                     |                     |                     |                     |                      |
|         |      |                               |         |      |       |                     |                     |                     |                     |                      |
|         |      |                               |         |      |       |                     |                     |                     |                     |                      |
|         |      |                               |         |      |       |                     |                     |                     |                     |                      |
|         |      |                               |         |      |       |                     |                     |                     |                     |                      |
|         |      |                               |         |      |       |                     |                     |                     |                     |                      |
|         |      |                               |         |      |       |                     |                     |                     |                     |                      |
|         |      |                               |         |      |       |                     |                     |                     |                     |                      |
|         |      |                               |         |      |       |                     |                     |                     |                     |                      |
|         |      |                               |         |      |       |                     |                     |                     |                     |                      |
|         |      |                               |         |      |       |                     |                     |                     |                     |                      |
|         |      |                               |         |      |       |                     |                     |                     |                     |                      |
|         |      |                               |         |      |       |                     |                     |                     |                     |                      |
|         |      |                               |         |      |       |                     |                     |                     |                     |                      |
|         |      |                               |         |      |       |                     |                     |                     |                     |                      |

**Chain of Custody Record**# of Samples: 1Samples Sent By: ☐ Express Mail ☒ Hand Delivery# of Containers: 2Custody Seal Intact? ☒ Yes ☐ No ☐ N/ASampler: Jon HeerckensShipment Complete? ☒ Yes ☐ No ☐ N/ASignature: Jon HeerckensTemperature: 71°C Fahrenheit**SAMPLES RELENGISHED BY****SAMPLES RECEIVED BY**

Name &amp; Signature

Date and Time

Name &amp; Signature

Date and Time

Received for Laboratory By: [Signature]**"Results when YOU want them!"**

NYB9599904

Please type or print. Do not staple.

STATE OF NEW YORK  
DEPARTMENT OF ENVIRONMENTAL CONSERVATION  
DIVISION OF SOLID & HAZARDOUS MATERIALS  
**HAZARDOUS WASTE MANIFEST**  
P.O. Box 12820, Albany, New York 12212



CWMI

(Hazardous Waste Manifest 5/00)

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |                                                  |                                             |                                    |  |                                                                                                                                                                                |  |                                                                    |  |                    |  |                           |  |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--------------------------------------------------|---------------------------------------------|------------------------------------|--|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--------------------------------------------------------------------|--|--------------------|--|---------------------------|--|
| <b>UNIFORM HAZARDOUS WASTE MANIFEST</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  | 1. Generator's US EPA No.<br><b>NYD982179491</b> |                                             | Manifest Doc. No.<br><b>60003</b>  |  | 2. Page 1 of 1                                                                                                                                                                 |  | Information within heavy bold line is not required by Federal Law. |  |                    |  |                           |  |
| 3. Generator's Name and Mailing Address<br><b>INGLESIDE MACHINE CO<br/>1118 MERTENSIA RD<br/>FARMINGTON NY 14425</b><br>4. Generator's Telephone Number <b>585 924-3046</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |                                                  |                                             |                                    |  | A. <b>NYB9599904</b>                                                                                                                                                           |  |                                                                    |  |                    |  |                           |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |                                                  |                                             |                                    |  | B. Generator's ID<br><b>SAME</b>                                                                                                                                               |  |                                                                    |  |                    |  |                           |  |
| 5. Transporter 1 (Company Name)<br><b>Buttlo Fuel Corp</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |                                                  | 6. US EPA ID Number<br><b>NYR000045724</b>  |                                    |  | C. State Transporter's ID <b>AD 25068 NY</b>                                                                                                                                   |  |                                                                    |  |                    |  |                           |  |
| 7. Transporter 2 (Company Name)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |                                                  | 8. US EPA ID Number                         |                                    |  | D. Transporter's Telephone <b>(500) 877-8003</b>                                                                                                                               |  |                                                                    |  |                    |  |                           |  |
| 9. Designated Facility Name and Site Address<br><b>CWM CHEMICAL SERVICES, L.L.C.<br/>1550 BALMER RD.<br/>MODEL CITY NY 14107</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |                                                  | 10. US EPA ID Number<br><b>NYD049836679</b> |                                    |  | E. State Transporter's ID                                                                                                                                                      |  |                                                                    |  |                    |  |                           |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |                                                  |                                             |                                    |  | F. Transporter's Telephone ( )                                                                                                                                                 |  |                                                                    |  |                    |  |                           |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |                                                  |                                             |                                    |  | G. State Facility ID                                                                                                                                                           |  |                                                                    |  |                    |  |                           |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |                                                  |                                             |                                    |  | H. Facility Telephone ( ) <b>716 754-8231</b>                                                                                                                                  |  |                                                                    |  |                    |  |                           |  |
| 11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)<br><b>a. RQ, HAZARDOUS WASTE, SOLID,<br/>N.O.S., 9, NA3077, III, (F006)</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |                                                  |                                             |                                    |  | 12. Containers<br>Number Type                                                                                                                                                  |  | 13. Total<br>Quantity                                              |  | 14. Unit<br>Wt/Vol |  | I. Waste No.              |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |                                                  |                                             |                                    |  | <b>001 CM</b>                                                                                                                                                                  |  | <b>EST. 30,000</b>                                                 |  | <b>P</b>           |  | <b>EPA F006<br/>STATE</b> |  |
| b.<br>c.<br>d.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |                                                  |                                             |                                    |  |                                                                                                                                                                                |  |                                                                    |  |                    |  | EPA                       |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |                                                  |                                             |                                    |  |                                                                                                                                                                                |  |                                                                    |  |                    |  | STATE                     |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |                                                  |                                             |                                    |  |                                                                                                                                                                                |  |                                                                    |  |                    |  | EPA                       |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |                                                  |                                             |                                    |  |                                                                                                                                                                                |  |                                                                    |  |                    |  | STATE                     |  |
| J. Additional Descriptions for Materials listed Above<br><b>a. CT9414 F019 - CHROMIUM CONTAMINATED SLUDGE</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |                                                  |                                             |                                    |  | K. Handling Codes for Wastes Listed Above<br><b>a. <input checked="" type="checkbox"/> b. <input type="checkbox"/> c. <input type="checkbox"/> d. <input type="checkbox"/></b> |  |                                                                    |  |                    |  |                           |  |
| b.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |                                                  |                                             |                                    |  | b. <input type="checkbox"/> d. <input type="checkbox"/>                                                                                                                        |  |                                                                    |  |                    |  |                           |  |
| 15. Special Handling Instructions and Additional Information<br><b>CHEMTREC Emergency Response Number (800)424-9300 WMI Contract ERG#171<br/>SERVICE REQUEST# 81560218</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |                                                  |                                             |                                    |  |                                                                                                                                                                                |  |                                                                    |  |                    |  |                           |  |
| 16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and state laws and regulations.<br>If I am large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR if I am a smaller generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford. |  |                                                  |                                             |                                    |  |                                                                                                                                                                                |  |                                                                    |  |                    |  |                           |  |
| Printed/Typed Name<br><b>MARIO CARRUBA</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |                                                  |                                             | Signature<br><i>Mario Carruba</i>  |  |                                                                                                                                                                                |  | Mo. Day Year<br><b>05/10/02</b>                                    |  |                    |  |                           |  |
| 17. Transporter 1 Acknowledgement of Receipt of Materials                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |                                                  |                                             |                                    |  |                                                                                                                                                                                |  |                                                                    |  |                    |  |                           |  |
| Printed/Typed Name<br><b>RUSSELL HOOPER</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |                                                  |                                             | Signature<br><i>Russell Hooper</i> |  |                                                                                                                                                                                |  | Mo. Day Year<br><b>05/10/02</b>                                    |  |                    |  |                           |  |
| 18. Transporter 2 Acknowledgement of Receipt of Materials                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |                                                  |                                             |                                    |  |                                                                                                                                                                                |  |                                                                    |  |                    |  |                           |  |
| Printed/Typed Name                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |                                                  |                                             | Signature                          |  |                                                                                                                                                                                |  | Mo. Day Year                                                       |  |                    |  |                           |  |
| 19. Discrepancy Indication Space<br><b>actual recd 28140P</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |                                                  |                                             |                                    |  |                                                                                                                                                                                |  |                                                                    |  |                    |  |                           |  |
| 20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |                                                  |                                             |                                    |  |                                                                                                                                                                                |  |                                                                    |  |                    |  |                           |  |
| Printed/Typed Name<br><b>EILEEN CARTER</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |                                                  |                                             | Signature<br><i>Eileen Carter</i>  |  |                                                                                                                                                                                |  | Mo. Day Year<br><b>05/10/02</b>                                    |  |                    |  |                           |  |

COPY 1-DISPOSER STATE - MAILED BY TSD FACILITY



**Transporter Log**  
**CWM Chemical Services, Inc.**  
Model City, NY

96920

25  
Cubic Yards

81560218

AD 25068 NY  
Trailer License Plate # and State

Receipt #

Service Req. #

Profile #

Permit #

Transporter Name

Tractor/Trailer/Roll-off #

Driver's Name

Generator

Scheduled Arrival:

Date

Time

Actual Arrival:

Date

Time In

Time Out

Arrived during Blackout? Y / N

Notified DEC? Y / N

☐ Leaker ☐ Permit Violation ☐ Placarding/Veh. I.D. Violation

☐ Other (specify)

☒ Bulk to Landfill ☐ No wet line ☐ Flatbed ☒ Stabilization ☐ Drums ☐ Tanker ☐ Transformers

Laboratory

Time In

Time Out

Initials

Comments

Stabilization

Time In

Time Out

Initials

Gross Wt.

Comments

Landfill

Time In

Time Out

Initials

Comments

Other

Time In

Time Out

Initials

Comments

Aqueous  
Treatment

Time In

Time Out

Signature (NO Initials)

Comments

**Facility Personnel** (please initial)

Smoking or eating in prohibited areas

Leaving truck unattended

Failure to obey instructions of facility personnel

Failure to display overweight flag

Failure to wear appropriate PPE

Improper tarping or detarpin

Unsafe driving practices

Overweight upon arrival

Other (specify)

Security Guard Initials:

(Indicating receipt of Wash Bay pass, if necessary)

Driver's Comments

## BUFFALO FUEL CORP.

4870 Packard Rd.  
Niagara Falls, New York 14304  
(800) 677-8002

INVOICE

FREIGHT  
BILL NO.  
(OFFICE  
USE ONLY)

|                                |                     |                                |                     |             |
|--------------------------------|---------------------|--------------------------------|---------------------|-------------|
| LOAD #                         | TERMINAL #<br>31    |                                | WORK ORDER #        |             |
| PICK UP DATE<br>05 10 02       | TRUCK OWNER         | DELIVERY DATE<br>05 13 02      | TRUCK OWNER         |             |
| DRIVER<br>Russ Hooper          | DRIVER NO.<br>H0012 | DRIVER<br>Russ Hooper          | DRIVER NO.<br>H0012 |             |
| TRUCK NO.<br>460               | TRAILER NO.<br>R28  | TRUCK NO.<br>460               | TRAILER NO.<br>R28  |             |
| NAME<br>INGLISKE Machine CO    |                     | NAME<br>C. W. M. T. V          |                     |             |
| STREET<br>1118 W. 14th RD      |                     | STREET                         |                     |             |
| CITY<br>Riverside              | STATE<br>NY         | ZIP CODE                       | CITY<br>Middletown  | STATE<br>NY |
| ADDITIONAL INFO./EQUIP. NEEDED |                     | ADDITIONAL INFO./EQUIP. NEEDED |                     |             |

| PRODUCT CODE | COMMODITY / MATERIAL DESCRIPTION | QUANTITY | LBS<br>TONS<br>GALLONS<br>YARDS | <input type="checkbox"/><br><input type="checkbox"/><br><input type="checkbox"/><br><input type="checkbox"/> | ROLL OFF<br>BOX | SPOTTED:<br>235-25 | PICKED UP:<br>280-25 |
|--------------|----------------------------------|----------|---------------------------------|--------------------------------------------------------------------------------------------------------------|-----------------|--------------------|----------------------|
|              | WATER                            |          |                                 |                                                                                                              |                 |                    |                      |

| PICK UP                                                                                                                   | DELIVERY                                                                                                                    |
|---------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------|
| ARRIVAL TIME _____ AM<br>PM RELEASE TIME _____ AM<br>PM                                                                   | ARRIVAL TIME _____ AM<br>PM RELEASE TIME _____ AM<br>PM                                                                     |
| TRAILER EMPTY UPON ARRIVAL<br>(If not, explain below) <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO | TRAILER EMPTY UPON DEPARTURE<br>(If not, explain below) <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO |
| DIP MEASUREMENT (Tankers Only) _____ INCHES                                                                               |                                                                                                                             |
| COMMENTS: (EXPLAIN ALL DELAYS AND / OR LOADING TIME) _____                                                                | COMMENTS: (EXPLAIN ALL DELAYS AND / OR LOADING TIME) _____                                                                  |
| I. THE UNDERSIGNED, CERTIFY THAT THE ABOVE INFORMATION IS TRUE AND COMPLETE.                                              |                                                                                                                             |
| X<br>DRIVER'S SIGNATURE _____                                                                                             | X<br>DRIVER'S SIGNATURE _____                                                                                               |
| X<br>SHIPPER'S SIGNATURE _____ FIRM                                                                                       | X<br>CONSIGNEE'S SIGNATURE _____ FIRM                                                                                       |

|                               |                     |                     |                                                                     |
|-------------------------------|---------------------|---------------------|---------------------------------------------------------------------|
| BEGINNING<br>HUBOMETER 485744 | ENDING<br>HUBOMETER | N.Y.S. TOLL CARD #: | M.A. TOLL CARD #:                                                   |
| MAJOR CITIES                  | MAJOR ROUTES        | RATE                | \$                                                                  |
| START<br>Loading Origin NE    | VIA:                | HOLDING TIME        | HRS. @ /HR.                                                         |
| of Fremington                 | VIA:                | VACUUM TIME         | HRS. @ /HR.                                                         |
| Middletown                    | VIA:                | RENTAL              | DAYS @ /DAY                                                         |
| O:                            | VIA:                | BAG LINER           | <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO |
| O:                            | VIA:                | OTHER CHGS.         |                                                                     |
| O:                            | VIA:                | SALES TAX           |                                                                     |
| O:                            | VIA:                | TRANSPORT TAX       |                                                                     |
|                               |                     | TOTAL AMOUNT        |                                                                     |

NYB9599913

Please type or print. Do not staple.

STATE OF NEW YORK  
DEPARTMENT OF ENVIRONMENTAL CONSERVATION  
DIVISION OF SOLID & HAZARDOUS MATERIALS

HAZARDOUS WASTE MANIFEST  
P.O. Box 12820, Albany, New York 12212



CWMI

(Hazardous Waste Manifest 500)

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |                                           |                                      |                             |  |                                                                                       |  |                                                                    |  |                    |  |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-------------------------------------------|--------------------------------------|-----------------------------|--|---------------------------------------------------------------------------------------|--|--------------------------------------------------------------------|--|--------------------|--|
| <b>UNIFORM HAZARDOUS WASTE MANIFEST</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  | 1. Generator's US EPA No.<br>NYD982179491 |                                      | Manifest Doc. No.<br>100002 |  | 2. Page 1 of 1                                                                        |  | Information within heavy bold line is not required by Federal Law. |  |                    |  |
| 3. Generator's Name and Mailing Address<br><b>INGLESIDE MACHINE CO</b><br>1118 MERTENSIA RD<br>FARMINGTON NY 14425                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |                                           |                                      |                             |  | A. NYB9599913                                                                         |  |                                                                    |  |                    |  |
| 4. Generator's Telephone Number<br>585 924-3046                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |                                           |                                      |                             |  | B. Generator's ID<br>SAME                                                             |  |                                                                    |  |                    |  |
| 5. Transporter 1 (Company Name)<br>Buffalo Fuel Corp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |                                           | 6. US EPA ID Number<br>NYR0000045724 |                             |  | C. State Transporter's ID<br>ADZSD64 NY                                               |  |                                                                    |  |                    |  |
| 7. Transporter 2 (Company Name)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |                                           | 8. US EPA ID Number                  |                             |  | D. Transporter's Telephone<br>600 672009                                              |  |                                                                    |  |                    |  |
| 9. Designated Facility Name and Site Address<br><b>CWM CHEMICAL SERVICES, L.L.C.</b><br>1550 BALMER RD.<br>MODEL CITY NY 14107                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |                                           |                                      |                             |  | E. State Transporter's ID                                                             |  |                                                                    |  |                    |  |
| 10. US EPA ID Number<br>NYD049836679                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |                                           |                                      |                             |  | F. Transporter's Telephone ( )                                                        |  |                                                                    |  |                    |  |
| 11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)<br>a. <b>RQ, HAZARDOUS WASTE, SOLID, N.O.S., 9, NA3077, III, (F006)</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |                                           |                                      |                             |  | 12. Containers<br>Number Type<br>001 CM                                               |  | 13. Total<br>Quantity<br>35,000 P                                  |  | 14. Unit<br>Wt/Vol |  |
| J. Additional Descriptions for Materials listed Above<br>a. <b>CT9414 F019 - CHROMIUM CONTAMINATED SLUDGE</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |                                           |                                      |                             |  | K. Handling Codes for Wastes Listed Above<br>a. <input checked="" type="checkbox"/> L |  | I. Waste No.<br>EPA<br>F006<br>STATE                               |  |                    |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |                                           |                                      |                             |  |                                                                                       |  | EPA                                                                |  |                    |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |                                           |                                      |                             |  |                                                                                       |  | STATE                                                              |  |                    |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |                                           |                                      |                             |  |                                                                                       |  | EPA                                                                |  |                    |  |
| 15. Special Handling Instructions and Additional Information<br><b>CHEMTREC Emergency Response Number (800)424-9300 WMI Contract ERG#171</b><br><b>SERVICE REQUEST#</b> 81560217                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |                                           |                                      |                             |  | b. <input type="checkbox"/>                                                           |  | c. <input type="checkbox"/>                                        |  |                    |  |
| 16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and state laws and regulations.<br>If I am large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR if I am a smaller generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford. |  |                                           |                                      |                             |  | d. <input type="checkbox"/>                                                           |  | d. <input type="checkbox"/>                                        |  |                    |  |
| Printed/Typed Name<br><b>MARIO CARRUBA</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |                                           | Signature<br><i>Mario Carruba</i>    |                             |  | Mo. Day Year<br>10/5/02                                                               |  |                                                                    |  |                    |  |
| 17. Transporter 1 Acknowledgement of Receipt of Materials                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |                                           |                                      |                             |  | b. <input type="checkbox"/>                                                           |  | d. <input type="checkbox"/>                                        |  |                    |  |
| Printed/Typed Name<br><b>Timothy W Ellis</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |                                           | Signature<br><i>Timothy W Ellis</i>  |                             |  | Mo. Day Year<br>05/10/02                                                              |  |                                                                    |  |                    |  |
| 18. Transporter 2 Acknowledgement of Receipt of Materials                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |                                           |                                      |                             |  | b. <input type="checkbox"/>                                                           |  | d. <input type="checkbox"/>                                        |  |                    |  |
| Printed/Typed Name                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |                                           | Signature                            |                             |  | Mo. Day Year                                                                          |  |                                                                    |  |                    |  |
| 19. Discrepancy Indication Space<br><b>actual recd 45460P int est. gen. resolved</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |                                           |                                      |                             |  | b. <input type="checkbox"/>                                                           |  | d. <input type="checkbox"/>                                        |  |                    |  |
| 20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in item 19.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |                                           |                                      |                             |  | b. <input type="checkbox"/>                                                           |  | d. <input type="checkbox"/>                                        |  |                    |  |
| Printed/Typed Name<br><b>EILEEN CARTER</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |                                           | Signature<br><i>Eileen Carter</i>    |                             |  | Mo. Day Year<br>05/13/02                                                              |  |                                                                    |  |                    |  |



**Transporter Log**  
**CWM Chemical Services, Inc.**  
**Model City, NY**

96917

25  
Cubic Yards

81560217

Receipt #

AD25064 N.Y.  
Trailer License Plate # and State

Service Req. #

279414  
Profile #

94545  
Permit #

Transporter Name

Driver's Name

47612-27/198-25  
Tractor/Trailer/Roll-off #

Generator

Scheduled Arrival:

Date

Time

Actual Arrival:

Date

Time In

Time Out

Arrived during Blackout? Y / N

Notified DEC? Y / N

☐ Leaker ☐ Permit Violation ☐ Placarding/Veh. I.D. Violation

☐ Other (specify)

☐ Bulk to Landfill ☐ No wet line ☐ Flatbed ☐ Stabilization ☐ Drums ☐ Tanker ☐ Transformers

Laboratory

Time In

Time Out

Initials

Comments

Stabilization

Time In

Time Out

Initials

Gross Wt.

Comments

Landfill

Time In

Time Out

Initials

Comments

Other

Time In

Time Out

Initials

Comments

Aqueous  
Treatment

Time In

Time Out

Signature (NO Initials)

Comments

**Facility Personnel** (please initial)

Smoking or eating in prohibited areas

Leaving truck unattended

Failure to obey instructions of facility personnel

Failure to display overweight flag

Failure to wear appropriate PPE

Improper tarping or detarpin

Unsafe driving practices

Overweight upon arrival

Other (specify)

Security Guard Initials:

(Indicating receipt of Wash Bay pass, if necessary)

Driver's Comments

DUMPS • ROLL-OFFS • VAC TANKERS • BULK TANKERS • BOX VANS • FLATBEDS • LOWBOYS

|              |        |
|--------------|--------|
| LOAD #       | 318932 |
| TERMINAL #   | 01     |
| WORK ORDER # |        |

# BUFFALO FUEL CORP.

4870 Packard Rd.  
Niagara Falls, New York 14304  
(800) 677-8002

**INVOICE**

**FREIGHT  
BILL NO.**  
(OFFICE  
USE ONLY)

|                               |                            |                     |          |                               |               |             |          |
|-------------------------------|----------------------------|---------------------|----------|-------------------------------|---------------|-------------|----------|
| PICK UP DATE<br>5/10/02       |                            | TRUCK OWNER<br>BE   |          | DELIVERY DATE<br>5/13/02      |               | TRUCK OWNER |          |
| DRIVER<br>T. Elliott          |                            | DRIVER NO.<br>E11T  |          | DRIVER                        |               | DRIVER NO.  |          |
| TRUCK NO.<br>470              |                            | TRAILER NO.<br>R-17 |          | TRUCK NO.                     |               | TRAILER NO. |          |
| SHIPPER                       | NAME<br>Ingle Side Machine |                     |          | CONSIGNEE                     | NAME<br>Cowan |             |          |
|                               | STREET                     |                     |          |                               | STREET        |             |          |
|                               | CITY<br>Tomball, TX        | STATE               | ZIP CODE |                               | CITY          | STATE       | ZIP CODE |
| ADDITIONAL INFO/EQUIP. NEEDED |                            |                     |          | ADDITIONAL INFO/EQUIP. NEEDED |               |             |          |

| PRODUCT CODE | COMMODITY / MATERIAL DESCRIPTION | QUANTITY | LBS<br>TONS<br>GALLONS<br>YARDS | <input type="checkbox"/><br><input type="checkbox"/><br><input type="checkbox"/><br><input type="checkbox"/> | ROLL OFF<br>BOX ▶ | SPOTTED:<br>PICKED UP: |
|--------------|----------------------------------|----------|---------------------------------|--------------------------------------------------------------------------------------------------------------|-------------------|------------------------|
| 3077         | 7/1 HAZ WASH.                    |          |                                 |                                                                                                              |                   | 107-65<br>198-25       |

| PICK UP                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | DELIVERY |  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|--|
| <p>ARRIVAL TIME <u>2:10</u> <span style="float: right;">AM <input type="checkbox"/> PM <input type="checkbox"/></span> RELEASE TIME _____ <span style="float: right;">AM <input type="checkbox"/> PM <input type="checkbox"/></span></p> <p>TRAILER EMPTY UPON ARRIVAL<br/>(If not, explain below) _____ <input type="checkbox"/> YES <input type="checkbox"/> NO</p> <p>DIP MEASUREMENT (Tankers Only) _____ INCHES</p> <p>COMMENTS: (EXPLAIN ALL DELAYS AND / OR LOADING TIME) <u>See below</u></p> <p><u>Empty Tanker - No Scale on Site</u></p> <p><u>Preloaded Cans</u></p> | <p>DRIVER <u>T. Elmer</u> <span style="float: right;">DATE <u>5/13/00</u></span></p> <p>ARRIVAL TIME _____ <span style="float: right;">AM <input type="checkbox"/> PM <input type="checkbox"/></span> RELEASE TIME _____ <span style="float: right;">AM <input type="checkbox"/> PM <input type="checkbox"/></span></p> <p>TRAILER EMPTY UPON DEPARTURE<br/>(If not, explain below) _____ <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO</p> <p>COMMENTS: (EXPLAIN ALL DELAYS AND / OR LOADING TIME) _____</p> <p><u>TOTAL DOWNSHIP LCC POLICE</u></p> <p><u>copy 7. 396-0070</u></p> |          |  |
| <p>THE UNDERSIGNED, CERTIFY THAT THE ABOVE INFORMATION IS TRUE AND COMPLETE.</p> <p><u>[Signature]</u></p> <p>DRIVER'S SIGNATURE _____</p> <p><u>[Signature]</u></p> <p>HIPPER'S SIGNATURE _____ FIRM _____</p>                                                                                                                                                                                                                                                                                                                                                                  | <p>I, THE UNDERSIGNED, CERTIFY THAT THE ABOVE INFORMATION IS TRUE AND COMPLETE.</p> <p><u>[Signature]</u></p> <p>DRIVER'S SIGNATURE _____</p> <p><u>[Signature]</u></p> <p>CONSIGNEE'S SIGNATURE _____ FIRM _____</p>                                                                                                                                                                                                                                                                                                                                                                                      |          |  |

| BEGINNING<br>HUBOMETER |  | ENDING<br>HUBOMETER |  | N.Y.S. TOLL CARD #:                                                 |      |
|------------------------|--|---------------------|--|---------------------------------------------------------------------|------|
| MAJOR CITIES           |  | MAJOR ROUTES        |  | M.A. TOLL CARD #:                                                   |      |
| ART                    |  |                     |  | RATE                                                                | \$   |
| ing Origin             |  | VIA:                |  | HOLDING TIME                                                        |      |
|                        |  |                     |  | HRS. @                                                              | /HR. |
|                        |  | VIA:                |  | VACUUM TIME                                                         |      |
|                        |  |                     |  | HRS @                                                               | /HR. |
|                        |  | VIA:                |  | RENTAL                                                              |      |
|                        |  |                     |  | .DAYS @                                                             | /DAY |
|                        |  | VIA:                |  | BAG LINER                                                           |      |
|                        |  |                     |  | <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO |      |
|                        |  | VIA:                |  | OTHER CHGS.                                                         |      |
|                        |  |                     |  | SALES TAX                                                           |      |
|                        |  | VIA:                |  | TRANSPORT TAX                                                       |      |
|                        |  | VIA:                |  | TOTAL AMOUNT                                                        |      |

STATE OF NEW YORK  
DEPARTMENT OF ENVIRONMENTAL CONSERVATION  
DIVISION OF SOLID & HAZARDOUS MATERIALS



CWMI

(Hazardous Waste Manifest 500)

NYB9599949

**HAZARDOUS WASTE MANIFEST**  
P.O. Box 12820, Albany, New York 12212

Please type or print. Do not staple.

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |                                                  |  |                                            |  |                                                                                                                                                                         |  |                                                                    |  |                    |  |                |  |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--------------------------------------------------|--|--------------------------------------------|--|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--------------------------------------------------------------------|--|--------------------|--|----------------|--|
| <b>UNIFORM HAZARDOUS WASTE MANIFEST</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  | 1. Generator's US EPA No.<br><b>NYD982179491</b> |  | Manifest Doc. No.<br><b>100001</b>         |  | 2. Page 1 of 1                                                                                                                                                          |  | Information within heavy bold line is not required by Federal Law. |  |                    |  |                |  |
| 3. Generator's Name and Mailing Address<br><b>INGLESIDE MACHINE CO<br/>1118 MERTENSIA RD<br/>FARMINGTON NY 14425</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |                                                  |  |                                            |  | A. <b>NYB9599949</b>                                                                                                                                                    |  |                                                                    |  |                    |  |                |  |
| 4. Generator's Telephone Number <b>585 924-3046</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |                                                  |  |                                            |  | B. Generator's ID<br><b>SAME</b>                                                                                                                                        |  |                                                                    |  |                    |  |                |  |
| 5. Transporter 1 (Company Name)<br><b>BUFFALO FUEL CORP</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |                                                  |  | 6. US EPA ID Number<br><b>NYK000045724</b> |  | C. State Transporter's ID<br><b>AD25062 NY</b>                                                                                                                          |  |                                                                    |  |                    |  |                |  |
| 7. Transporter 2 (Company Name)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |                                                  |  | 8. US EPA ID Number                        |  | D. Transporter's Telephone<br><b>8006778021</b>                                                                                                                         |  |                                                                    |  |                    |  |                |  |
| 9. Designated Facility Name and Site Address<br><b>CWM CHEMICAL SERVICES, L.L.C.<br/>1550 BALMER RD.<br/>MODEL CITY NY 14107</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |                                                  |  |                                            |  | 10. US EPA ID Number<br><b>NYD049836679</b>                                                                                                                             |  |                                                                    |  |                    |  |                |  |
| 11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)<br><b>a. RQ, HAZARDOUS WASTE, SOLID, N.O.S., 9, NA3077, III, (F006)</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |                                                  |  |                                            |  | 12. Containers<br>Number Type                                                                                                                                           |  | 13. Total<br>Quantity                                              |  | 14. Unit<br>Wt/Vol |  | 15. Waste No.  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |                                                  |  |                                            |  | 001CM                                                                                                                                                                   |  | EST 44000                                                          |  | P                  |  | EPA F006 STATE |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |                                                  |  |                                            |  |                                                                                                                                                                         |  |                                                                    |  |                    |  | EPA STATE      |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |                                                  |  |                                            |  |                                                                                                                                                                         |  |                                                                    |  |                    |  | EPA STATE      |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |                                                  |  |                                            |  |                                                                                                                                                                         |  |                                                                    |  |                    |  | EPA STATE      |  |
| J. Additional Descriptions for Materials listed Above<br><b>a. CT9414 F019 - CHROMIUM CONTAMINATED SLUDGE</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |                                                  |  |                                            |  | K. Handling Codes for Wastes Listed Above<br>a. <input checked="" type="checkbox"/> b. <input type="checkbox"/> c. <input type="checkbox"/> d. <input type="checkbox"/> |  |                                                                    |  |                    |  |                |  |
| 15. Special Handling Instructions and Additional Information<br><b>CHEMTREC Emergency Response Number (800)424-9300 WMI Contract ERG#171<br/>SERVICE REQUEST# 81560220</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |                                                  |  |                                            |  |                                                                                                                                                                         |  |                                                                    |  |                    |  |                |  |
| 16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and state laws and regulations.<br>If I am large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR if I am a smaller generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford. |  |                                                  |  |                                            |  |                                                                                                                                                                         |  |                                                                    |  |                    |  |                |  |
| Printed/Typed Name<br><b>MARIO CARRUBA</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |                                                  |  | Signature<br><i>Mario Carruba</i>          |  | Mo. Day Year<br><b>05/10/02</b>                                                                                                                                         |  |                                                                    |  |                    |  |                |  |
| 17. Transporter 1 Acknowledgement of Receipt of Materials<br>Printed/Typed Name<br><b>MARK FALTSKO</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |                                                  |  | Signature<br><i>Mark Faltsko</i>           |  | Mo. Day Year<br><b>05/10/02</b>                                                                                                                                         |  |                                                                    |  |                    |  |                |  |
| 18. Transporter 2 Acknowledgement of Receipt of Materials<br>Printed/Typed Name                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |                                                  |  | Signature                                  |  | Mo. Day Year                                                                                                                                                            |  |                                                                    |  |                    |  |                |  |
| 19. Discrepancy Indication Space<br><b>actual recd 32400P</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |                                                  |  |                                            |  |                                                                                                                                                                         |  |                                                                    |  |                    |  |                |  |
| 20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |                                                  |  |                                            |  |                                                                                                                                                                         |  |                                                                    |  |                    |  |                |  |
| Printed/Typed Name<br><b>EILEEN CARO</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |                                                  |  | Signature<br><i>Eileen Caro</i>            |  | Mo. Day Year<br><b>05/13/02</b>                                                                                                                                         |  |                                                                    |  |                    |  |                |  |

COPY 1-DISPOSER STATE - MAILED BY TSD FACILITY



**Transporter Log**  
**CWM Chemical Services, Inc.**  
Model City, NY

96924

25  
Cubic Yards

81560220  
Receipt #  
AD25062 NY  
Trailer License Plate # and State  
CT9414  
Profile #  
9A545  
Permit #  
BFC  
Service Req. #  
Transporter Name  
J. H. L. T. S. K. U.  
Driver's Name  
6887/R-26/BFC 224 25  
Tractor/Trailer/Roll-off #  
JNGK SIDE  
Generator

Scheduled Arrival: \_\_\_\_\_  
Date Time  
Actual Arrival: \_\_\_\_\_  
Date Time In Time Out

Arrived during Blackout? Y / N Notified DEC? Y / N

☐ Leaker ☐ Permit Violation ☐ Placarding/Veh. I.D. Violation  
☐ Other (specify \_\_\_\_\_)

☐ Bulk to Landfill ☐ No wet line ☐ Flatbed ☒ Stabilization ☐ Drums ☐ Tanker ☐ Transformers

Receiving: \_\_\_\_\_  
Initials Comments

Laboratory  
Time In Time Out Initials Comments

Stabilization  
Time In Time Out Initials Gross Wt. Comments

Landfill  
Time In Time Out Initials Comments

Other  
Time In Time Out Initials Comments

Aqueous Treatment  
Time In Time Out Signature (NO Initials) Comments

**Facility Personnel** (please initial)

Smoking or eating in prohibited areas  
Leaving truck unattended  
Failure to obey instructions of facility personnel  
Failure to display overweight flag  
Failure to wear appropriate PPE  
Improper tarping or detarpin  
Unsafe driving practices  
Overweight upon arrival  
Other (specify \_\_\_\_\_)

Security Guard Initials: \_\_\_\_\_  
(Indicating receipt of Wash Bay pass, if necessary)

Driver's Comments

## BUFFALO FUEL CORP.

4870 Packard Rd.  
Niagara Falls, New York 14304  
(800) 677-8002

INVOICE

FREIGHT  
BILL NO.  
(OFFICE  
USE ONLY)

LOAD #

TERMINAL #

WORK ORDER #

|                                             |                                                                               |             |      |                                |                                                                |             |  |
|---------------------------------------------|-------------------------------------------------------------------------------|-------------|------|--------------------------------|----------------------------------------------------------------|-------------|--|
| PICK UP DATE                                | 5/10/02                                                                       | TRUCK OWNER | MTI  | DELIVERY DATE                  | 5/13/02                                                        | TRUCK OWNER |  |
| DRIVER                                      | MARK FALTSPO                                                                  | DRIVER NO.  |      | DRIVER                         | SAVIE                                                          | DRIVER NO.  |  |
| TRUCK NO.                                   | 6837                                                                          | TRAILER NO. | R-26 | TRUCK NO.                      |                                                                | TRAILER NO. |  |
| SHIPPER                                     | NAME: Inkside Machine Co.<br>STREET:<br>CITY: Farmington, NY STATE: ZIP CODE: |             |      | CONSIGNEE                      | NAME: CWAL<br>STREET:<br>CITY: Model City, NY STATE: ZIP CODE: |             |  |
| ADDITIONAL INFO./EQUIP. NEEDED<br>OK or did |                                                                               |             |      | ADDITIONAL INFO./EQUIP. NEEDED |                                                                |             |  |

| PRODUCT CODE | COMMODITY / MATERIAL DESCRIPTION | QUANTITY | LBS | TONS | GALLONS | YARDS | ROLL OFF | BOX | SPOTTED    | PICKED UP |
|--------------|----------------------------------|----------|-----|------|---------|-------|----------|-----|------------|-----------|
| 3077         | HAZWASTE SOLID NOS               | 25       |     |      |         |       |          |     | BFC280-258 | BFC224-25 |

|                                                                                                                |                                                                                                                  |
|----------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------|
| PICK UP                                                                                                        | DELIVERY                                                                                                         |
| ARRIVAL TIME _____ AM<br>PM RELEASE TIME _____ AM<br>PM                                                        | DRIVER _____ DATE _____ AM<br>PM ARRIVAL TIME _____ PM RELEASE TIME _____ PM                                     |
| TRAILER EMPTY UPON ARRIVAL<br>(If not, explain below) <input type="checkbox"/> YES <input type="checkbox"/> NO | TRAILER EMPTY UPON DEPARTURE<br>(If not, explain below) <input type="checkbox"/> YES <input type="checkbox"/> NO |
| DIP MEASUREMENT (Tankers Only) _____ INCHES                                                                    | COMMENTS: (EXPLAIN ALL DELAYS AND / OR LOADING TIME) _____                                                       |
| COMMENTS: (EXPLAIN ALL DELAYS AND / OR LOADING TIME) _____                                                     | COMMENTS: (EXPLAIN ALL DELAYS AND / OR LOADING TIME) _____                                                       |
| I, THE UNDERSIGNED, CERTIFY THAT THE ABOVE INFORMATION IS TRUE AND COMPLETE.                                   |                                                                                                                  |
| X<br>DRIVER'S SIGNATURE _____                                                                                  | X<br>DRIVER'S SIGNATURE _____                                                                                    |
| X<br>SHIPPER'S SIGNATURE _____ FIRM                                                                            | X<br>CONSIGNEE'S SIGNATURE _____ FIRM                                                                            |

|                      |                   |                   |                                                                     |                     |    |
|----------------------|-------------------|-------------------|---------------------------------------------------------------------|---------------------|----|
| BEGINNING HUBOMETER  | 209101            | ENDING HUBOMETER  | 709301                                                              | N.Y.S. TOLL CARD #: |    |
| MAJOR CITIES         | MAJOR ROUTES      | M.A. TOLL CARD #: |                                                                     | RATE                | \$ |
| START Loading Origin | VIA               | HOLDING TIME      | HRS. @ /HR.                                                         |                     |    |
| to VILL FALLS        | 104, 190          | VACUUM TIME       | HRS @ /HR.                                                          |                     |    |
| to W-SHELBY          | 332, 104, 332     | RENTAL            | DAYS @ /DAY                                                         |                     |    |
| to FARMINGTON        | 90, 290, 190, 104 | BAG LINER         | <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO |                     |    |
| to NIA FALLS         | VIA:              | OTHER CHGS.       |                                                                     |                     |    |
| TO:                  | VIA:              | SALES TAX         |                                                                     |                     |    |
| TO:                  | VIA:              | TRANSPORT TAX     |                                                                     |                     |    |
|                      |                   |                   |                                                                     | TOTAL AMOUNT        |    |

In case of emergency or spill immediately call the National Response Center (800) 424-8802 and the NYS Department of Environmental Conservation (518) 457-7362

STATE OF NEW YORK  
DEPARTMENT OF ENVIRONMENTAL CONSERVATION  
DIVISION OF SOLID & HAZARDOUS MATERIALS



CWM

(Hazardous Waste Manifest 500)

NYB9599895

HAZARDOUS WASTE MANIFEST  
P.O. Box 12820, Albany, New York 12212

Please type or print. Do not staple.

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |                                                 |                             |                                                |                                                                    |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-------------------------------------------------|-----------------------------|------------------------------------------------|--------------------------------------------------------------------|
| <b>UNIFORM HAZARDOUS WASTE MANIFEST</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  | 1. Generator's US EPA No.<br>NYD-982179491      | Manifest Doc. No.<br>100004 | 2. Page 1 of 1                                 | Information within heavy bold line is not required by Federal Law. |
| 3. Generator's Name and Mailing Address<br><b>INGLESIDE MACHINE CO<br/>1118 MERTENSIA RD<br/>FARMINGTON NY 14425</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  | 4. Generator's Telephone Number<br>585 924-3046 |                             | A. Generator's ID<br><b>NYB9599895</b>         |                                                                    |
| 5. Transporter 1 (Company Name)<br><b>Buffalo Fuel Corp</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  | 6. US EPA ID Number<br>NYR000045724             |                             | B. Generator's ID<br><b>SAME</b>               |                                                                    |
| 7. Transporter 2 (Company Name)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  | 8. US EPA ID Number                             |                             | C. State Transporter's ID<br><b>AD2862N</b>    |                                                                    |
| 9. Designated Facility Name and Site Address<br><b>CWM CHEMICAL SERVICES, L.L.C.<br/>1550 BALMER RD.<br/>MODEL CITY NY 14107</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  | 10. US EPA ID Number<br>NYD049836679            |                             | D. Transporter's Telephone<br><b>800677800</b> |                                                                    |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |                                                 |                             | E. State Transporter's ID                      |                                                                    |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |                                                 |                             | F. Transporter's Telephone ( )                 |                                                                    |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |                                                 |                             | G. State Facility ID                           |                                                                    |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |                                                 |                             | H. Facility Telephone ( )                      |                                                                    |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |                                                 |                             | 716 754-8231                                   |                                                                    |
| 11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  | 12. Containers<br>Number Type                   | 13. Total<br>Quantity       | 14. Unit<br>Wt/Vol                             | I. Waste No.<br>EPA<br>STATE                                       |
| a. <b>RQ, HAZARDOUS WASTE, SOLID,<br/>N.O.S., 9, NA3077, III, (F006)</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  | 001 CM                                          | 60000                       | P                                              | <b>E006</b>                                                        |
| b.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |                                                 |                             |                                                | EPA                                                                |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |                                                 |                             |                                                | STATE                                                              |
| c.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |                                                 |                             |                                                | EPA                                                                |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |                                                 |                             |                                                | STATE                                                              |
| d.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |                                                 |                             |                                                | EPA                                                                |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |                                                 |                             |                                                | STATE                                                              |
| J. Additional Descriptions for Materials listed Above                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |  | K. Handling Codes for Wastes Listed Above       |                             |                                                |                                                                    |
| a. <b>CT9414 F019 - CHROMIUM CONTAMINATED SLUDGE</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  | a. <input checked="" type="checkbox"/> L        |                             | c. <input type="checkbox"/>                    |                                                                    |
| b. <input type="checkbox"/>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  | b. <input type="checkbox"/>                     |                             | d. <input type="checkbox"/>                    |                                                                    |
| 15. Special Handling Instructions and Additional Information<br><b>CHEMTREC Emergency Response Number (800)424-9300 WMI Contract ERG#171<br/>SERVICE REQUEST# 81500262</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |                                                 |                             |                                                |                                                                    |
| 16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and state laws and regulations.<br>If I am large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR if I am a smaller generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford. |  |                                                 |                             |                                                |                                                                    |
| Printed/Typed Name<br><b>MARIS CARPUBA</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  | Signature<br><i>Maris Carpuba</i>               |                             | Mo. Day Year<br><b>05/16/12</b>                |                                                                    |
| 17. Transporter 1 Acknowledgement of Receipt of Materials                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  | Printed/Typed Name<br><b>MARIK FALTISKO</b>     |                             | Signature<br><i>Marik Faltisko</i>             |                                                                    |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |                                                 |                             | Mo. Day Year<br><b>05/13/12</b>                |                                                                    |
| 18. Transporter 2 Acknowledgement of Receipt of Materials                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  | Printed/Typed Name                              |                             | Signature                                      |                                                                    |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |                                                 |                             | Mo. Day Year                                   |                                                                    |
| 19. Discrepancy Indication Space<br><b>actual recd 44640P</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |                                                 |                             |                                                |                                                                    |
| 20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |                                                 |                             |                                                |                                                                    |
| Printed/Typed Name<br><b>ELLEN CARTER</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  | Signature<br><i>Ellen Carter</i>                |                             | Mo. Day Year<br><b>05/14/12</b>                |                                                                    |



**Transporter Log**  
**CWM Chemical Services, Inc.**  
Model City, NY

96912

Cubic Yards

25

81540262

AD25062 NY

Receipt #

Trailer License Plate # and State

Service Req. #

Profile #

Permit #

Transporter Name

Tractor/Trailer/Roll-off #

Driver's Name

Generator

Scheduled Arrival:

Date

Time

Actual Arrival:

Date

Time In

Time Out

Arrived during Blackout? Y / N

Notified DEC? Y / N

☐ Leaker ☐ Permit Violation ☐ Placarding/Veh. I.D. Violation

☐ Other (specify \_\_\_\_\_)

☐ Bulk to Landfill ☐ No wet line ☐ Flatbed ☒ Stabilization ☐ Drums ☐ Tanker ☐ Transformers

Laboratory

Time In

Time Out

Initials

Comments

Stabilization

Time In

Time Out

Initials

Gross Wt.

Comments

Landfill

Time In

Time Out

Initials

Comments

Other

Time In

Time Out

Initials

Comments

Aqueous  
Treatment

Time In

Time Out

Signature (NO Initials)

Comments

**Facility Personnel** (please initial)

Smoking or eating in prohibited areas

Leaving truck unattended

Failure to obey instructions of facility personnel

Failure to display overweight flag

Failure to wear appropriate PPE

Improper tarping or detarpin

Unsafe driving practices

Overweight upon arrival

Other (specify \_\_\_\_\_)

Security Guard Initials: \_\_\_\_\_

(Indicating receipt of Wash Bay pass, if necessary)

Driver's Comments

**BUFFALO FUEL CORP.**

4870 Packard Rd.  
Niagara Falls, New York 14304  
(800) 677-8002

INVOICE

**FREIGHT  
BILL NO.**  
(OFFICE  
USE ONLY)

|              |
|--------------|
| LOAD #       |
| TERMINAL #   |
| WORK ORDER # |

|                                                                                                        |                                                                                             |                                                  |                    |
|--------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|--------------------------------------------------|--------------------|
| <b>PICK UP DATE</b> 5/13/02                                                                            | <b>TRUCK OWNER</b> MTI                                                                      | <b>DELIVERY DATE</b> 5/14/02                     | <b>TRUCK OWNER</b> |
| <b>DRIVER</b> MARK FALTSKO                                                                             | <b>DRIVER NO.</b>                                                                           | <b>DRIVER</b> SPINIE                             | <b>DRIVER NO.</b>  |
| <b>TRUCK NO.</b> 6887                                                                                  | <b>TRAILER NO.</b> R-26                                                                     | <b>TRUCK NO.</b>                                 | <b>TRAILER NO.</b> |
| <b>SHIPPER</b><br>NAME: INGLESIDE MACHINE<br>STREET:<br>CITY: FRAMINGTON, NY<br>STATE: NY<br>ZIP CODE: | <b>CONSIGNEE</b><br>NAME: CUMM<br>STREET:<br>CITY: MODEL CITY, NY<br>STATE: NY<br>ZIP CODE: | <b>ADDITIONAL INFO. EQUIP. NEEDED</b><br>CROCK M |                    |

| PRODUCT CODE | COMMODITY / MATERIAL DESCRIPTION | QUANTITY | LBS<br>TONS<br>GALLONS<br>YARDS | ROLL OFF<br>BOX                     | SELECTED<br>PICKED UP: |
|--------------|----------------------------------|----------|---------------------------------|-------------------------------------|------------------------|
| 3077         | RO HAZWASTE                      | 25       |                                 | <input checked="" type="checkbox"/> | BFC 224-25<br>235-25   |

| PICK UP                                                                                                                                                                                                                                                                                                                                                                                                                                                | DELIVERY                                                                                                                                                                                                                                                                                                                                                                                                        |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>ARRIVAL TIME</b> _____ <b>RELEASE TIME</b> _____<br>(If not, explain below) <input type="checkbox"/> YES <input type="checkbox"/> NO<br><b>DIP MEASUREMENT (Tankers Only)</b> _____ <b>INCHES</b><br><b>COMMENTS: (EXPLAIN ALL DELAYS AND / OR LOADING TIME)</b> _____<br>I, THE UNDERSIGNED, CERTIFY THAT THE ABOVE INFORMATION IS TRUE AND COMPLETE.<br>X<br><b>DRIVER'S SIGNATURE</b> _____<br>X<br><b>SHIPPER'S SIGNATURE</b> _____ <b>FIRM</b> | <b>ARRIVAL TIME</b> _____ <b>RELEASE TIME</b> _____<br>(If not, explain below) <input type="checkbox"/> YES <input type="checkbox"/> NO<br><b>COMMENTS: (EXPLAIN ALL DELAYS AND / OR LOADING TIME)</b> _____<br>I, THE UNDERSIGNED, CERTIFY THAT THE ABOVE INFORMATION IS TRUE AND COMPLETE.<br>X<br><b>DRIVER'S SIGNATURE</b> _____<br>X <i>Allen Carter</i><br><b>CONSIGNEE'S SIGNATURE</b> _____ <b>FIRM</b> |

|                                   |                                |                                                                                      |
|-----------------------------------|--------------------------------|--------------------------------------------------------------------------------------|
| <b>BEGINNING HUBOMETER</b> 209454 | <b>ENDING HUBOMETER</b> 209616 | <b>N.Y.S. TOLL CARD #:</b>                                                           |
| <b>MAJOR CITIES</b>               | <b>MAJOR ROUTES</b>            | <b>M.A. TOLL CARD #:</b>                                                             |
| <b>START</b> Model City, NY       | <b>VIA:</b>                    | <b>RATE</b>                                                                          |
| <b>ENDING</b> Framington, NY      | <b>VIA:</b>                    | <b>HOLDING TIME</b> HRS. @ /HR.                                                      |
| <b>VIA:</b>                       | <b>VIA:</b>                    | <b>VACUUM TIME</b> HRS @ /HR.                                                        |
| <b>VIA:</b>                       | <b>VIA:</b>                    | <b>RENTAL</b> DAYS @ /DAY                                                            |
| <b>VIA:</b>                       | <b>VIA:</b>                    | <b>BAG LINER</b> <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO |
| <b>VIA:</b>                       | <b>VIA:</b>                    | <b>OTHER CHGS.</b>                                                                   |
| <b>VIA:</b>                       | <b>VIA:</b>                    | <b>SALES TAX</b>                                                                     |
| <b>VIA:</b>                       | <b>VIA:</b>                    | <b>TRANSPORT TAX</b>                                                                 |
| <b>VIA:</b>                       | <b>VIA:</b>                    | <b>TOTAL AMOUNT</b>                                                                  |

STATE OF NEW YORK  
DEPARTMENT OF ENVIRONMENTAL CONSERVATION  
DIVISION OF SOLID & HAZARDOUS MATERIALS



CWMI

(Hazardous Waste Manifest 500)

**HAZARDOUS WASTE MANIFEST**  
P.O. Box 12820, Albany, New York 12212

NYB9599922

Please type or print. Do not staple.

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |                                                  |                                   |                                               |                                                                    |                    |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--------------------------------------------------|-----------------------------------|-----------------------------------------------|--------------------------------------------------------------------|--------------------|
| <b>UNIFORM HAZARDOUS WASTE MANIFEST</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  | 1. Generator's US EPA No.<br><b>NYD982179491</b> | Manifest Doc. No.<br><b>00005</b> | 2. Page 1 of<br><b>1</b>                      | Information within heavy bold line is not required by Federal Law. |                    |
| 3. Generator's Name and Mailing Address<br><b>INGLESIDE MACHINE CO<br/>1118 MERTENSIA RD<br/>FARMINGTON NY 14425</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |                                                  |                                   | A. <b>NYB9599922</b>                          |                                                                    |                    |
| 4. Generator's Telephone Number <b>585 924-3046</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |                                                  |                                   | B. Generator's ID<br><b>SAME</b>              |                                                                    |                    |
| 5. Transporter 1 (Company Name)<br><b>Buffalo Fuel Corp</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  | 6. US EPA ID Number<br><b>NYR000045724</b>       |                                   | C. State Transporter's ID <b>AD25608 NY</b>   |                                                                    |                    |
| 7. Transporter 2 (Company Name)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  | 8. US EPA ID Number                              |                                   | D. Transporter's Telephone <b>800 8278007</b> |                                                                    |                    |
| 9. Designated Facility Name and Site Address<br><b>CWM CHEMICAL SERVICES, L.L.C.<br/>1550 BALMER RD.<br/>MODEL CITY NY 14107</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  | 10. US EPA ID Number<br><b>NYD049836679</b>      |                                   | E. State Transporter's ID                     |                                                                    |                    |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |                                                  |                                   | F. Transporter's Telephone ( )                |                                                                    |                    |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |                                                  |                                   | G. State Facility ID                          |                                                                    |                    |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |                                                  |                                   | H. Facility Telephone ( )                     |                                                                    |                    |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |                                                  |                                   | <b>716 754-8231</b>                           |                                                                    |                    |
| 11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |                                                  |                                   | 12. Containers<br>Number Type                 | 13. Total<br>Quantity                                              | 14. Unit<br>Wt/Vol |
| a. <b>RQ, HAZARDOUS WASTE, SOLID,<br/>N.O.S., 9, NA3077, III, (F006)</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |                                                  |                                   |                                               | <b>Est</b>                                                         |                    |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |                                                  |                                   |                                               | <b>45,000 P</b>                                                    |                    |
| b.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |                                                  |                                   |                                               |                                                                    |                    |
| c.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |                                                  |                                   |                                               |                                                                    |                    |
| d.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |                                                  |                                   |                                               |                                                                    |                    |
| J. Additional Descriptions for Materials listed Above<br><b>a. CT9414 F019 - CHROMIUM CONTAMINATED SLUDGE</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |                                                  |                                   | K. Handling Codes for Wastes Listed Above     |                                                                    |                    |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |                                                  |                                   | a. <input checked="" type="checkbox"/>        | c. <input type="checkbox"/>                                        |                    |
| b.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |                                                  |                                   | b. <input type="checkbox"/>                   | d. <input type="checkbox"/>                                        |                    |
| 15. Special Handling Instructions and Additional Information<br><b>CHEMTREC Emergency Response Number (800)424-9300 WMI Contract ERG#171<br/>SERVICE REQUEST# <u>81560249</u></b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |                                                  |                                   |                                               |                                                                    |                    |
| 16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and state laws and regulations.<br>If I am large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR if I am a smaller generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford. |  |                                                  |                                   |                                               |                                                                    |                    |
| Printed/Typed Name<br><b>MARIO CARRUBA</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  | Signature<br><i>Mario Carruba</i>                |                                   |                                               |                                                                    |                    |
| 17. Transporter 1 Acknowledgement of Receipt of Materials                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  | Mo. Day Year<br><b>05/13/02</b>                  |                                   |                                               |                                                                    |                    |
| Printed/Typed Name<br><b>Timothy W. Ellidge</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  | Signature<br><i>Timothy W. Ellidge</i>           |                                   |                                               |                                                                    |                    |
| 18. Transporter 2 Acknowledgement of Receipt of Materials                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  | Mo. Day Year                                     |                                   |                                               |                                                                    |                    |
| Printed/Typed Name                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  | Signature                                        |                                   |                                               |                                                                    |                    |
| 19. Discrepancy Indication Space<br><b>actual recd 52580P</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |                                                  |                                   |                                               |                                                                    |                    |
| 20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |                                                  |                                   |                                               |                                                                    |                    |
| Printed/Typed Name<br><b>Brian Carr</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  | Signature<br><i>Brian Carr</i>                   |                                   |                                               |                                                                    |                    |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  | Mo. Day Year<br><b>05/14/02</b>                  |                                   |                                               |                                                                    |                    |

COPY 1-DISPOSER STATE - MAILED BY TSD FACILITY



**Transporter Log**  
**CWM Chemical Services, Inc.**  
Model City, NY

96957

2.5  
Cubic Yards

81560249  
Receipt #

AD 25068 N.Y.  
Trailer License Plate # and State

CT9414  
Service Req. #

94545  
Profile #

47012-23/127-25  
Permit #

BEC  
Transporter Name

47012-23/127-25  
Tractor/Trailer/Roll-off #

Tim Ellinger  
Driver's Name

Triglobe Mgmt. Co.  
Generator

Scheduled Arrival:

Date

Time

Actual Arrival:

Date

Time In

Time Out

Arrived during Blackout? Y / N

Notified DEC? Y / N

☐ Leaker ☐ Permit Violation ☐ Placarding/Veh. I.D. Violation

☐ Other (specify)

☐ Bulk to Landfill

☐ No wet line

☐ Flatbed

☒ Stabilization

☐ Drums

☐ Tanker

☐ Transformers

Laboratory

Time In

Time Out

Initials

Comments

Stabilization

Time In

Time Out

Initials

Gross Wt.

Comments

Landfill

Time In

Time Out

Initials

Comments

Other

Time In

Time Out

Initials

Comments

Aqueous  
Treatment

Time In

Time Out

Signature (NO Initials)

Comments

**Facility Personnel** (please initial)

Smoking or eating in prohibited areas

Leaving truck unattended

Failure to obey instructions of facility personnel

Failure to display overweight flag

Failure to wear appropriate PPE

Improper tarping or detarpin

Unsafe driving practices

Overweight upon arrival

Other (specify)

Security Guard Initials:

(Indicating receipt of Wash Bay pass, if necessary)

Driver's Comments

White: Records

Green & Canary: Accts Rec.

Pink: Environmental

Goldcard: Driver

## BUFFALO FUEL CORP.

4870 Packard Rd.  
Niagara Falls, New York 14304  
(800) 677-8002

INVOICE

FREIGHT  
BILL NO.  
(OFFICE  
USE ONLY)

|              |
|--------------|
| LOAD #       |
| TERMINAL #   |
| WORK ORDER # |

01

Plate

AD 25068 NY

|                               |                                                                                                         |             |      |                               |                                                                                |             |  |
|-------------------------------|---------------------------------------------------------------------------------------------------------|-------------|------|-------------------------------|--------------------------------------------------------------------------------|-------------|--|
| PICK UP DATE                  | 5/13/02                                                                                                 | TRUCK OWNER | BFC  | DELIVERY DATE                 | 5/14/02                                                                        | TRUCK OWNER |  |
| DRIVER                        | T. Ellery                                                                                               | DRIVER NO.  | E11T | DRIVER                        | G. J. J.                                                                       | DRIVER NO.  |  |
| TRUCK NO.                     | 420                                                                                                     | TRAILER NO. | 2-28 | TRUCK NO.                     |                                                                                | TRAILER NO. |  |
| SHIPPER                       | NAME: Ingleside Machine Co<br>STREET: 1110 Henderson Road<br>CITY: Farmingville, NY STATE: NY ZIP CODE: |             |      | CONSIGNEE                     | NAME: CWRM<br>STREET: 1550 Buffalo Rd<br>CITY: Modesto, NY STATE: NY ZIP CODE: |             |  |
| ADDITIONAL INFO/EQUIP. NEEDED |                                                                                                         |             |      | ADDITIONAL INFO/EQUIP. NEEDED |                                                                                |             |  |

|              |                                  |          |         |                                   |                   |
|--------------|----------------------------------|----------|---------|-----------------------------------|-------------------|
| PRODUCT CODE | COMMODITY / MATERIAL DESCRIPTION | QUANTITY | LBS     | <input type="checkbox"/> ROLL OFF | SPOTTED:          |
| 3077         | 7/1 day waste                    |          | TONS    | <input type="checkbox"/> BOX      | PICKED UP: 107-25 |
|              |                                  |          | GALLONS |                                   |                   |
|              |                                  |          | YARDS   |                                   |                   |

|                                                                           |                                                                           |
|---------------------------------------------------------------------------|---------------------------------------------------------------------------|
| PICK UP                                                                   | DELIVERY                                                                  |
| ARRIVAL TIME                                                              | ARRIVAL TIME                                                              |
| TRAILER EMPTY UPON ARRIVAL<br>(If not, explain below)                     | TRAILER EMPTY UPON DEPARTURE<br>(If not, explain below)                   |
| DIP MEASUREMENT (Tankers Only)                                            | COMMENTS: (EXPLAIN ALL DELAYS AND / OR LOADING TIME)                      |
| COMMENTS: (EXPLAIN ALL DELAYS AND / OR LOADING TIME)                      | COMMENTS: (EXPLAIN ALL DELAYS AND / OR LOADING TIME)                      |
| THE UNDERSIGNED, CERTIFY THAT THE ABOVE INFORMATION IS TRUE AND COMPLETE. | THE UNDERSIGNED, CERTIFY THAT THE ABOVE INFORMATION IS TRUE AND COMPLETE. |
| DRIVER'S SIGNATURE                                                        | DRIVER'S SIGNATURE                                                        |
| SHIPPER'S SIGNATURE                                                       | CONSIGNEE'S SIGNATURE                                                     |

|                      |                  |                                                                     |
|----------------------|------------------|---------------------------------------------------------------------|
| BEGINNING HUBOMETER  | ENDING HUBOMETER | N.Y.S. TOLL CARD #:                                                 |
| 320390               |                  | M.A. TOLL CARD #:                                                   |
| MAJOR CITIES         | MAJOR ROUTES     | RATE                                                                |
| START                | VIA:             | HOLDING TIME                                                        |
| 1: Niagara Falls, NY | 190, 250, 90     | HRS. @ /HR.                                                         |
| 2: Farmingville, NY  | 2: 104, 15       | VACUUM TIME                                                         |
| 3: Modesto, NY       |                  | HRS. @ /HR.                                                         |
|                      |                  | RENTAL                                                              |
|                      |                  | DAYS @ /DAY                                                         |
|                      |                  | BAG LINER                                                           |
|                      |                  | <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO |
|                      |                  | OTHER CHGS.                                                         |
|                      |                  | SALES TAX                                                           |
|                      |                  | TRANSPORT TAX                                                       |
|                      |                  | TOTAL AMOUNT                                                        |

NYB9599931

STATE OF NEW YORK  
DEPARTMENT OF ENVIRONMENTAL CONSERVATION  
DIVISION OF SOLID & HAZARDOUS MATERIALS

HAZARDOUS WASTE MANIFEST  
P.O. Box 12820, Albany, New York 12212



CWMI

(Hazardous Waste Manifest 500)

Please type or print. Do not staple.

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |                                                  |                                            |                                   |  |                                                                                                                            |  |                                                                    |  |                    |  |                             |  |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--------------------------------------------------|--------------------------------------------|-----------------------------------|--|----------------------------------------------------------------------------------------------------------------------------|--|--------------------------------------------------------------------|--|--------------------|--|-----------------------------|--|
| <b>UNIFORM HAZARDOUS WASTE MANIFEST</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  | 1. Generator's US EPA No.<br><b>NYD982179491</b> |                                            | Manifest Doc. No.<br><b>80006</b> |  | 2. Page 1 of 1                                                                                                             |  | Information within heavy bold line is not required by Federal Law. |  |                    |  |                             |  |
| 3. Generator's Name and Mailing Address<br><b>INGLESIDE MACHINE CO<br/>1118 MERTENSIA RD<br/>FARMINGTON NY 14425</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |                                                  |                                            |                                   |  | A. Generator's ID<br><b>NYB9599931</b>                                                                                     |  |                                                                    |  |                    |  |                             |  |
| 4. Generator's Telephone Number<br><b>585 924-3046</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |                                                  |                                            |                                   |  | B. Generator's ID<br><b>SAME</b>                                                                                           |  |                                                                    |  |                    |  |                             |  |
| 5. Transporter 1 (Company Name)<br><b>Buffalo Fuel Corp</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |                                                  | 6. US EPA ID Number<br><b>NYR000045724</b> |                                   |  | C. State Transporter's ID<br><b>AD2506 N.Y.</b>                                                                            |  |                                                                    |  |                    |  |                             |  |
| 7. Transporter 2 (Company Name)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |                                                  | 8. US EPA ID Number                        |                                   |  | D. Transporter's Telephone<br><b>800 6778063</b>                                                                           |  |                                                                    |  |                    |  |                             |  |
| 9. Designated Facility Name and Site Address<br><b>CWM CHEMICAL SERVICES, L.L.C.<br/>1550 BALMER RD.<br/>MODEL CITY NY 14107</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |                                                  |                                            |                                   |  | E. State Transporter's ID                                                                                                  |  |                                                                    |  |                    |  |                             |  |
| 10. US EPA ID Number<br><b>NYD049836679</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |                                                  |                                            |                                   |  | F. Transporter's Telephone ( )                                                                                             |  |                                                                    |  |                    |  |                             |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |                                                  |                                            |                                   |  | G. State Facility ID                                                                                                       |  |                                                                    |  |                    |  |                             |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |                                                  |                                            |                                   |  | H. Facility Telephone ( )                                                                                                  |  |                                                                    |  |                    |  |                             |  |
| 11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |                                                  |                                            |                                   |  | 12. Containers<br>Number Type                                                                                              |  | 13. Total<br>Quantity                                              |  | 14. Unit<br>Wt/Vol |  | 15. Waste No.               |  |
| a. <b>RQ, HAZARDOUS WASTE, SOLID,<br/>N.O.S., 9, NA3077, III, (F006)</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |                                                  |                                            |                                   |  | 001 CM                                                                                                                     |  | Est<br>500.00                                                      |  | p                  |  | EPA<br><b>F006</b><br>STATE |  |
| b.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |                                                  |                                            |                                   |  |                                                                                                                            |  |                                                                    |  |                    |  | EPA<br>STATE                |  |
| c.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |                                                  |                                            |                                   |  |                                                                                                                            |  |                                                                    |  |                    |  | EPA<br>STATE                |  |
| d.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |                                                  |                                            |                                   |  |                                                                                                                            |  |                                                                    |  |                    |  | EPA<br>STATE                |  |
| J. Additional Descriptions for Materials listed Above                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |  |                                                  |                                            |                                   |  | K. Handling Codes for Wastes Listed Above                                                                                  |  |                                                                    |  |                    |  |                             |  |
| a. <b>CT9414 F019 - CHROMIUM CONTAMINATED SLUDGE</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |                                                  |                                            |                                   |  | a. <input checked="" type="checkbox"/> b. <input type="checkbox"/> c. <input type="checkbox"/> d. <input type="checkbox"/> |  |                                                                    |  |                    |  |                             |  |
| b.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |                                                  |                                            |                                   |  | b. <input type="checkbox"/> c. <input type="checkbox"/> d. <input type="checkbox"/>                                        |  |                                                                    |  |                    |  |                             |  |
| 15. Special Handling Instructions and Additional Information<br><b>CHEMTREC Emergency Response Number (800)424-9300 WMI Contract ERG#171<br/>SERVICE REQUEST# 81560356</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |                                                  |                                            |                                   |  |                                                                                                                            |  |                                                                    |  |                    |  |                             |  |
| 16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and state laws and regulations.<br>If I am large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR if I am a smaller generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford. |  |                                                  |                                            |                                   |  |                                                                                                                            |  |                                                                    |  |                    |  |                             |  |
| Printed/Typed Name<br><b>MARIO CARRUBO</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |                                                  |                                            |                                   |  | Signature<br><i>Mario Carrubo</i><br>Mo. Day Year<br><b>05/15/02</b>                                                       |  |                                                                    |  |                    |  |                             |  |
| 17. Transporter 1 Acknowledgement of Receipt of Materials                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |                                                  |                                            |                                   |  |                                                                                                                            |  |                                                                    |  |                    |  |                             |  |
| Printed/Typed Name<br><b>Timothy W Ellidge</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |                                                  |                                            |                                   |  | Signature<br><i>Timothy W Ellidge</i><br>Mo. Day Year<br><b>05/15/02</b>                                                   |  |                                                                    |  |                    |  |                             |  |
| 18. Transporter 2 Acknowledgement of Receipt of Materials                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |                                                  |                                            |                                   |  |                                                                                                                            |  |                                                                    |  |                    |  |                             |  |
| Printed/Typed Name                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |                                                  |                                            |                                   |  | Signature<br>Mo. Day Year                                                                                                  |  |                                                                    |  |                    |  |                             |  |
| 19. Discrepancy Indication Space<br><b>actual rec'd 50560P</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |                                                  |                                            |                                   |  |                                                                                                                            |  |                                                                    |  |                    |  |                             |  |
| 20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |                                                  |                                            |                                   |  |                                                                                                                            |  |                                                                    |  |                    |  |                             |  |
| Printed/Typed Name<br><b>Eileen CARTER</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |                                                  |                                            |                                   |  | Signature<br><i>Eileen Carter</i><br>Mo. Day Year<br><b>05/15/02</b>                                                       |  |                                                                    |  |                    |  |                             |  |



**Transporter Log**  
**CWM Chemical Services, Inc.**  
Model City, NY

97060

25  
Cubic Yards

81560356

Receipt #

AD76268 NY  
Trailer License Plate # and State

Service Req. #

CT9414  
Profile #

92545  
Permit #

Transporter Name

422/224/224-25  
Tractor/Trailer/Roll-off #

Driver's Name

Indus. Machine Co  
Generator

Scheduled Arrival:

Date

Time

Actual Arrival:

Date

Time In

Time Out

Arrived during Blackout? Y / N

Notified DEC? Y / N

☐ Leaker ☐ Permit Violation ☐ Placarding/Veh. I.D. Violation

☐ Other (specify \_\_\_\_\_)

☐ Bulk to Landfill ☐ No wet line ☐ Flatbed ☒ Stabilization ☐ Drums ☐ Tanker ☐ Transformers

Laboratory

Time In

Time Out

Initials

Comments

Stabilization

Time In

Time Out

Initials

Gross Wt.

Comments

Landfill

Time In

Time Out

Initials

Comments

Other

Time In

Time Out

Initials

Comments

Aqueous  
Treatment

Time In

Time Out

Signature (NO Initials)

Comments

**Facility Personnel** (please initial)

Smoking or eating in prohibited areas

Leaving truck unattended

Failure to obey instructions of facility personnel

Failure to display overweight flag

Failure to wear appropriate PPE

Improper tarping or detarpin

Unsafe driving practices

Overweight upon arrival

Other (specify \_\_\_\_\_)

Security Guard Initials: \_\_\_\_\_

(Indicating receipt of Wash Bay pass, if necessary)

Driver's Comments

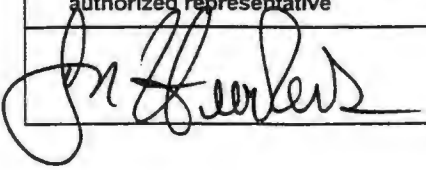
White: Records

Green & Canary: Accts Rec.

Pink: Environmental

Goldcard: Driver



|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |                                                                                                  |                                                                                                      |                                                                                     |                           |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------------------|
| <b>MAIL THE COMPLETED FORM</b><br><br><b>TO: NYSDEC</b><br>625 BROADWAY<br>ALBANY, NY 12233-7250                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  | <b>NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION</b><br><br>2002 - SITE ID FORM - 2002 |                                                                                                      |  |                           |
| <b>1. Site EPA ID Number</b><br>(see instructions on page 7)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  | <b>EPA ID Number:</b> NYD982179491                                                               |                                                                                                      |                                                                                     |                           |
| <b>2. Site Name</b><br>(see instructions on page 7)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  | <b>Name of Company:</b><br>Ingle side Machine                                                    |                                                                                                      |                                                                                     |                           |
| <b>3. Site Location</b><br>(see instructions on page 7)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  | <b>Street Address:</b> 1118 Mertensia Road                                                       |                                                                                                      |                                                                                     |                           |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  | <b>City, Town or Village:</b> Farmington                                                         |                                                                                                      | <b>State:</b> NY                                                                    |                           |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  | <b>N.Y.S. County:</b> Ontario                                                                    |                                                                                                      | <b>Zip Code:</b> 14425                                                              |                           |
| <b>4. NAICS Code</b> (see instructions page 7)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  | 332813                                                                                           |                                                                                                      | North American Industry Classification (NAICS)<br>Code for the Site                 |                           |
| <b>5. Site Mailing Address</b><br>(see instructions on page 7)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  | <b>Street or P.O. Box:</b> 1120 Hook Road                                                        |                                                                                                      |                                                                                     |                           |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  | <b>City, Town, or Village:</b> Farmington                                                        |                                                                                                      |                                                                                     |                           |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  | <b>State:</b> New York                                                                           |                                                                                                      |                                                                                     |                           |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  | <b>Country:</b> USA                                                                              |                                                                                                      | <b>Zip Code:</b> 14425                                                              |                           |
| <b>6. Site Contact Person</b><br>(see instructions on page 7)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  | <b>First Name:</b> Mario                                                                         |                                                                                                      | <b>MI:</b>                                                                          | <b>Last Name:</b> Carruba |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  | <b>Phone Number:</b> 585-924-3046                                                                |                                                                                                      | <b>Phone Ext:</b>                                                                   |                           |
| <b>Type of Regulated Waste Activity (Mark an 'X' in the appropriate box. See instructions on page 8)</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |                                                                                                  |                                                                                                      |                                                                                     |                           |
| <b>7. Hazardous Waste Activities</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |                                                                                                  |                                                                                                      |                                                                                     |                           |
| <b>1. Generator of Hazardous Waste</b><br>(choose only one of the following two categories)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |                                                                                                  | <input type="checkbox"/> <b>2. Treater, Storer, or Disposer of Hazardous Waste</b><br>(at your site) |                                                                                     |                           |
| <input checked="" type="checkbox"/> a. LQG: Greater than 1,000 kg/mo (2,200 lbs.) of non-acute hazardous waste; or 1 kg/mo (2.2 lbs.) of acute hazardous waste; or,                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |                                                                                                  |                                                                                                      |                                                                                     |                           |
| <input type="checkbox"/> b. SQG: 100 to 1000 kg/mo (220 - 2000 lbs) of non-acute hazardous waste; or less than 1 kg (2.2 lbs) of acute hazardous waste                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |                                                                                                  |                                                                                                      |                                                                                     |                           |
| <b>8. Comments (see instructions on page 8)</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |                                                                                                  |                                                                                                      |                                                                                     |                           |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |                                                                                                  |                                                                                                      |                                                                                     |                           |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |                                                                                                  |                                                                                                      |                                                                                     |                           |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |                                                                                                  |                                                                                                      |                                                                                     |                           |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |                                                                                                  |                                                                                                      |                                                                                     |                           |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |                                                                                                  |                                                                                                      |                                                                                     |                           |
| <b>9. Certification</b> I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on the person or persons who manage the system, or those directly responsible for gathering the information, the information is to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. (see instructions on page 8) |  |                                                                                                  |                                                                                                      |                                                                                     |                           |
| <b>Signature of owner, operator, or an authorized representative</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  | <b>Name and Official Title (type or print)</b>                                                   |                                                                                                      | <b>Date Signed (mm-dd-yyyy)</b>                                                     |                           |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  | Jon F. Heenkens Project Manager                                                                  |                                                                                                      | 6-15-03                                                                             |                           |

BEFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL OR ENTER:

SITE NAME:

EPA ID NO: NYD 982 179 491



FORM  
GM

N.Y.S. DEPARTMENT OF  
ENVIRONMENTAL CONSERVATION

2002 Hazardous Waste Report

WASTE GENERATION  
AND MANAGEMENT

Instructions: Please see the detailed instructions beginning on page 9 of the instructions and forms booklet before completing this form. In addition, the page number for instructions specific to each box is provided in parentheses.

Sec. 1 A. Waste description (page 10)

EPA Injection Well (Drywell) Closure program dealing w/affected soils

B. EPA hazardous waste code F006  
(page 11)

C. State hazardous waste code (page 11)

D. Source code  
(page 11)  
LG44  
Management Method code for  
Source code G25 only  
H141

E. Form code  
(page 11)  
W319

F. RCRA  
radioactive  
mixed  
(page 11)  
Yes ☐

G. Quantity generated in 2002  
(page 12)  
126.9

H. UOM 2  
(page 12)  
Density  
      
☐ lbs/gal ☐ sg

Sec. 2 Was any of this waste managed on site in 2002? (page 12)

- 1 Yes (CONTINUE TO ON-SITE PROCESS SYSTEM 1)  
2 No (SKIP TO SEC. 3)

ON-SITE PROCESS SYSTEM 1

On-site Management Method code (page 13) H  
Quantity treated, disposed, or  
recycled on site in 2002 (page 13)     

ON-SITE PROCESS SYSTEM 2

On-site Management Method code (page 13) H  
Quantity treated, disposed, or  
recycled on site in 2002 (page 13)     

Sec. 3 A. Was any of this waste shipped off site in 2002 for treatment, disposal, or recycling? (pages 13)

- 1 Yes (CONTINUE TO BOX B) 2 No (FORM IS COMPLETE)

Site 1 B. EPA ID No. of facility to which waste was shipped (page 14) NYD 049 036 679  
C. Off-site Management Method code Shipped to (page 14) H132  
D. Total quantity shipped in 2002 (page 14) 128.9

Site 2 B. EPA ID No. of facility to which waste was shipped (page 14)       
C. Off-site Management Method code Shipped to (page 14) H  
D. Total quantity shipped in 2002 (page 14)     

Site 3 B. EPA ID No. of facility to which waste was shipped (page 14)       
C. Off-site Management Method code Shipped to (page 14) H  
D. Total quantity shipped in 2002 (page 14)     

Comments:

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION  
DIVISION OF SOLID & HAZARDOUS MATERIALS  
625 BROADWAY, FL-9, ALBANY, NY 12233-7250

## HAZARDOUS WASTE REGULATORY FEE INFORMATION

NOTE: Please carefully read the instructions before completing this form.

## SECTION I—GENERAL

|                                                                                           |  |                                                                           |                           |
|-------------------------------------------------------------------------------------------|--|---------------------------------------------------------------------------|---------------------------|
| NAME OF GENERATOR OR TSD FACILITY<br><b>Ingleside Machine</b>                             |  | EPA ID<br><b>NY 0982179491</b>                                            |                           |
| FACILITY MAILING ADDRESS<br><b>1120 Hook Road</b>                                         |  |                                                                           |                           |
| CITY<br><b>Farmington</b>                                                                 |  | STATE<br><b>NY</b>                                                        | ZIP CODE<br><b>14425-</b> |
| LOCATION OF GENERATOR OR FACILITY (if different from above)<br><b>1118 Mertensia Road</b> |  |                                                                           |                           |
| CITY<br><b>Farmington</b>                                                                 |  | STATE<br><b>NY</b>                                                        | ZIP CODE<br><b>14425-</b> |
| AT LEAST ONE BLOCK MUST BE CHECKED                                                        |  |                                                                           |                           |
| <input checked="" type="checkbox"/> Generator Only                                        |  | <input type="checkbox"/> Treatment, Storage, Disposal (TSD) Facility Only |                           |
| <input type="checkbox"/> Generator and TSD (See definitions)                              |  |                                                                           |                           |

## SECTION II—GENERATOR

|                                                                                                                                                                         |                    |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|
| 1. Summarize all hazardous waste totals, in tons, (excluding wastewater) produced at this facility.<br>DO NOT include waste that is exempt from fees (see instructions) |                    |
| TOTAL HAZARDOUS WASTE (Excluding wastewater)                                                                                                                            | <b>126.89</b> tons |
| 2. Summarize total hazardous wastewater generated, including hazardous wastewater treated by on-site systems. (see instructions)                                        |                    |
| TOTAL HAZARDOUS WASTEWATER                                                                                                                                              | _____ tons         |

## SECTION III—TREATMENT, STORAGE AND DISPOSAL

Complete This Section ONLY if Your Facility is a RCRA Regulated TSD

|                                                                                                       |                                                      |
|-------------------------------------------------------------------------------------------------------|------------------------------------------------------|
| 1. Please check all process units.                                                                    |                                                      |
| <input type="checkbox"/> Hazardous Waste landfill                                                     | <input type="checkbox"/> Hazardous Waste Incinerator |
| <input type="checkbox"/> Hazardous Waste Surface Impoundment                                          | How Many? _____                                      |
| 2. Please summarize and convert the total to tons.                                                    |                                                      |
| TOTAL HAZARDOUS WASTE RECEIVED FROM OFF-SITE                                                          | _____ tons                                           |
| 3. For RCRA Regulated TSD process Units: Summarize all totals and convert the totals to tons.         |                                                      |
| TOTAL HAZARDOUS WASTE MANAGED THROUGH RCRA REGULATED TSD UNITS                                        | _____ tons                                           |
| 4. Amount of hazardous waste stored on-site on December 31, 20____                                    |                                                      |
| 5. Is your facility under post closure care? <input type="checkbox"/> Yes <input type="checkbox"/> No |                                                      |

## SECTION IV—CERTIFICATION

|                                                                                                                                                                                               |                                           |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|
| I certify that the information in this form accurately represents the hazardous waste activity at this site during the current year.<br>This activity(ies) may be subject to regulatory fees. |                                           |
| NAME<br><b>Jon F. Heerkens</b>                                                                                                                                                                | TITLE<br><b>Project Manager</b>           |
| SIGNATURE (Original Only—No Photocopies)<br><b>Jon F. Heerkens</b>                                                                                                                            | DATE<br><b>6/15/03</b>                    |
| CONTACT IF OTHER THAN ABOVE<br><b>Mario Carruba</b>                                                                                                                                           | TELEPHONE NUMBER<br><b>(585) 984-3046</b> |
| FOR OFFICIAL USE ONLY                                                                                                                                                                         |                                           |

THIS FORM MUST BE COMPLETED AND RETURNED TO NYSDEC



## Generator, Waste Shipped To Where

Report Criteria : Gen RCRA ID : NYD982179491

Shipped From : 01/01/2002 Through 01/01/2003

TSDF RCRA ID :

Waste Code :

Gen RCRA ID : NYD982179491 INGLESIDE MACHINE

TSDF RCRA ID : NYD049836679 CWM CHEMICAL SERVICES INC

| Generator<br>Shipped Date | Manifest<br>No. | TSDF<br>Received Date | Trans #1<br>RCRA ID | Trans #2<br>RCRA ID | Waste<br>Code | Total<br>Quantity | Unit<br>Wt/Vol | Container<br>Number | Container<br>Type | Handling<br>Code |
|---------------------------|-----------------|-----------------------|---------------------|---------------------|---------------|-------------------|----------------|---------------------|-------------------|------------------|
| 05/10/2002                | NYB9599904      | 05/13/2002            | NYR000045724        |                     | F006          | 28140             | P              | 1                   | CM                | L                |
| 05/10/2002                | NYB9599913      | 05/13/2002            | NYR000045724        |                     | F006          | 45460             | P              | 1                   | CM                | L                |
| 05/10/2002                | NYB9599949      | 05/13/2002            | NYR000045724        |                     | F006          | 32400             | P              | 1                   | CM                | L                |
| 05/13/2002                | NYB9599895      | 05/14/2002            | NYR000045724        |                     | F006          | 44640             | P              | 1                   | CM                | L                |
| 05/13/2002                | NYB9599922      | 05/14/2002            | NYR000045724        |                     | F006          | 52580             | P              | 1                   | CM                | L                |
| 05/15/2002                | NYB9599931      | 05/15/2002            | NYR000045724        |                     | F006          | 50560             | P              | 1                   | CM                | L                |

Total Kilograms for 'B' : 0.00

Total Kilograms for 'R' : 0.00

Total Kilograms for 'L' : 115,113.34

Total Kilograms for 'T' : 0.00

Total Quantity Shipped to CWM CHEMICAL SERVICES INC, NYD049836679 : 115,113.34 Kg / 126.89 Tons

Total Quantity Shipped From INGLESIDE MACHINE, NYD982179491 : 115,113.34 Kg / 126.89 Tons

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

---

In the Matter of the Implementation of a Voluntary Cleanup Agreement  
for: Former Ingleside Machine Shop by: Ingleside Machine Co., Inc., "Volunteer"  
Site #: V00495-8 Index #: B8-0599-01-08

---

**WHEREAS**, the Department is responsible for enforcement of the ECL and the NL and such laws provide the Department authority to enter into this Agreement;

**WHEREAS**, the Department has established a Voluntary Cleanup Program to address the environmental, legal and financial barriers that hinder the redevelopment and reuse of contaminated properties;

**WHEREAS**, Volunteer represents, and the Department relied upon such representations in entering into this Agreement, that Volunteer's involvement with the Site is limited to the following: Volunteer operated a machine shop at the site from 1969 to 1996;

**WHEREAS**, the parties are entering into this Agreement in order to set forth a process through which the Department will approve and the Volunteer will implement activities designed to address in whole or in part environmental contamination at the Site; and

**WHEREAS**, the Department has determined that it is in the public interest to enter into this Agreement as a means to address environmental issues at the Site with private funds while ensuring the protection of human health and the environment;

**NOW, THEREFORE, IN CONSIDERATION OF AND IN EXCHANGE FOR THE MUTUAL COVENANTS AND PROMISES, THE PARTIES AGREE TO THE FOLLOWING:**

I. Site Specific Definitions

For purposes of this Agreement, the terms set forth in the Glossary attached to, and made a part of, this Agreement shall have the meanings ascribed to them in that Glossary. In addition, for purposes of this Agreement, the following terms shall have the following meanings:

A. "Contemplated Use": restricted commercial use/restricted industrial use excluding day care, child care and medical care uses.

B. "Existing Contamination": Chromium as disclosed in a letter dated December 8, 2000 written to Mr. Joseph Role by Leader Environmental Inc. and a letter dated January 16, 2001 written to the U.S. Environmental Protection Agency by Soil, Air, Water Environmental Services, Inc. The term also includes contamination identified during the implementation of this Agreement, the nature and extent of which were unknown or

suits, causes of action, or demands whatsoever with respect to the Site that any of same has or may have as a result of Volunteer's entering into or fulfilling the terms of this Agreement with respect to the Site.

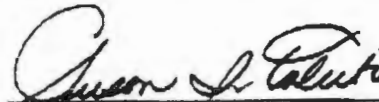
P. The effective date of this Agreement is the 10<sup>th</sup> Day after the date it is signed by the Commissioner or the Commissioner's designee.

DATED:

SEP 26 2001

ERIN M. CROTTY, COMMISSIONER  
NEW YORK STATE DEPARTMENT OF  
ENVIRONMENTAL CONSERVATION

By:



Susan I. Taluto  
Deputy Commissioner  
Water Quality and Environmental Remediation

CONSENT BY VOLUNTEER

Volunteer hereby consents to the issuing and entering of this Agreement, waives Volunteer's right to a hearing herein as provided by law, and agrees to be bound by this Agreement.

Ingleside Machine Co., Inc.

By: Mano Caniba

Title: President

Date: 8/15/01

STATE OF NEW YORK )

COUNTY OF Ontario )

) ss:

DONNA M. WERNER  
Notary Public, State of New York  
Ontario County No. 01WE 4945502  
My Commission Expires Dec. 19, 2002

On the 15<sup>th</sup> day of August, in the year 2001, before me, the undersigned, personally appeared Mano Caniba, personally known to me or proved to me on the basis of satisfactory evidence to be the individual(s) whose name is (are) subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their capacity(ies), and that by his/her/their signature(s) on the instrument, the individual(s), or the person upon behalf of which the individual(s) acted, executed the instrument.

Donna M. Werner

Signature and Office of individual  
taking acknowledgment

Alpco Recycling, Inc.  
 340 Macedon Center Road  
 P.O. Box 337  
 Macedon NY 14502  
 Tel: (315) 336-8900  
 (800) 701-9441  
 Fax: (315) 336-8900

Date: 01/29/02 Time: 15:27:23 Ticket #: 82146

Customer ID: ARROW Tran Type: PURCHASE

Name: ARROW, CONTRACTING

Address: 793 WANGUM RD

FISHERS NY

| CODE | DESCRIPTION | QTY     | UNIT | PRICE/UNIT | AMOUNT | TAX |
|------|-------------|---------|------|------------|--------|-----|
| 36T  | STEEL       | 1250.00 | LB   | 0.0025     | 3.15   | E   |
|      |             |         | LB   |            | 0.00   |     |
|      |             |         | LB   |            | 0.00   |     |
|      |             |         | LB   |            | 0.00   |     |
|      |             |         | LB   |            | 0.00   |     |
|      |             |         | LB   |            | 0.00   |     |
|      |             |         | LB   |            | 0.00   |     |
|      |             |         | LB   |            | 0.00   |     |

rec. 1 - 1200-gal. fuel oil tank

Danlem Baker - Alpco Recy.

I, the undersigned, do hereby guarantee lawful possession of the material/items listed above, and the right to sell the same.

SUBTOT TXBL 3.00  
 NYS 7% TAX 0.00  
 SUBTOT NON-TXBL 3.15

TOTAL 3.15

PAID: CASH

*Danlem Baker*

# UNIFORM BILL OF LADING/NON-HAZARDOUS WASTE MANIFEST

No. 05234

| 1.                                                                                                                                                                                                                                                                                                                                                                                        |      | <b>Generator Information</b><br>Generator Name: <b>INGLESIDE MACHINE &amp; TOOL</b><br>Generator Mailing Address: <b>1118 MERTENSIA ROAD FARMINGTON NY 14425</b>                            |                                                                        |                                                         | Site Address: <b>1118 MERTENSIA ROAD FARMINGTON, NY 14425</b><br><b>585 924-3046</b><br>Generator Telephone No.:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                       |                     |                           |  |                        |                                                                        |              |           |               |                     |                       |     |      |    |    |     |     |                                                        |         |  |  |    |   |    |  |  |  |  |  |  |  |  |    |  |  |  |  |  |  |  |  |    |  |  |  |  |  |  |  |  |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------|---------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|---------------------|---------------------------|--|------------------------|------------------------------------------------------------------------|--------------|-----------|---------------|---------------------|-----------------------|-----|------|----|----|-----|-----|--------------------------------------------------------|---------|--|--|----|---|----|--|--|--|--|--|--|--|--|----|--|--|--|--|--|--|--|--|----|--|--|--|--|--|--|--|--|
| 2.                                                                                                                                                                                                                                                                                                                                                                                        |      | <b>Destination/Disposal Facility Information</b><br>Company Name: <b>ENVIRONMENTAL PRODUCTS &amp; SERVICES, INC.</b><br>Telephone No.: <b>(315) 471-0503</b>                                |                                                                        |                                                         | Facility Site Address: <b>532 STATE FAIR BLVD. SYRACUSE NY 13204</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                       |                     |                           |  |                        |                                                                        |              |           |               |                     |                       |     |      |    |    |     |     |                                                        |         |  |  |    |   |    |  |  |  |  |  |  |  |  |    |  |  |  |  |  |  |  |  |    |  |  |  |  |  |  |  |  |
| 3.                                                                                                                                                                                                                                                                                                                                                                                        |      | <b>Transporter Information</b><br>Transporter 1 Company Name: <b>NEW YORK ENVIRONMENTAL TECHNOLOGIES, INC</b><br>Telephone No.: <b>(585) 436-5660</b><br>License Plate No.: <b>88879-JF</b> |                                                                        |                                                         | Transporter 2 Company Name:<br>Telephone No.:<br>License Plate No.:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                       |                     |                           |  |                        |                                                                        |              |           |               |                     |                       |     |      |    |    |     |     |                                                        |         |  |  |    |   |    |  |  |  |  |  |  |  |  |    |  |  |  |  |  |  |  |  |    |  |  |  |  |  |  |  |  |
| 4.                                                                                                                                                                                                                                                                                                                                                                                        |      | <b>Material/Waste Description</b>                                                                                                                                                           |                                                                        |                                                         | <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="3">Containers</th> <th rowspan="2">Material Description/<br/>Proper Shipping Name (DOT Hazardous Material)</th> <th rowspan="2">Hazard Class</th> <th rowspan="2">ID Number</th> <th rowspan="2">Packing Group</th> <th rowspan="2">Total Weight/Volume</th> <th rowspan="2">Unit of Weight/Volume</th> </tr> <tr> <th>No.</th> <th>Type</th> <th>HM</th> </tr> </thead> <tbody> <tr> <td>a.</td> <td>001</td> <td>D M</td> <td>WASTE NON-RCRA LIQUIDS, N.O.S. (FUEL OIL TANK BOTTOMS)</td> <td>NON-HAZ</td> <td></td> <td></td> <td>55</td> <td>G</td> </tr> <tr> <td>b.</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>c.</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>d.</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table> |                       |                     | Containers                |  |                        | Material Description/<br>Proper Shipping Name (DOT Hazardous Material) | Hazard Class | ID Number | Packing Group | Total Weight/Volume | Unit of Weight/Volume | No. | Type | HM | a. | 001 | D M | WASTE NON-RCRA LIQUIDS, N.O.S. (FUEL OIL TANK BOTTOMS) | NON-HAZ |  |  | 55 | G | b. |  |  |  |  |  |  |  |  | c. |  |  |  |  |  |  |  |  | d. |  |  |  |  |  |  |  |  |
| Containers                                                                                                                                                                                                                                                                                                                                                                                |      |                                                                                                                                                                                             | Material Description/<br>Proper Shipping Name (DOT Hazardous Material) | Hazard Class                                            | ID Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Packing Group         | Total Weight/Volume | Unit of Weight/Volume     |  |                        |                                                                        |              |           |               |                     |                       |     |      |    |    |     |     |                                                        |         |  |  |    |   |    |  |  |  |  |  |  |  |  |    |  |  |  |  |  |  |  |  |    |  |  |  |  |  |  |  |  |
| No.                                                                                                                                                                                                                                                                                                                                                                                       | Type | HM                                                                                                                                                                                          |                                                                        |                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                       |                     |                           |  |                        |                                                                        |              |           |               |                     |                       |     |      |    |    |     |     |                                                        |         |  |  |    |   |    |  |  |  |  |  |  |  |  |    |  |  |  |  |  |  |  |  |    |  |  |  |  |  |  |  |  |
| a.                                                                                                                                                                                                                                                                                                                                                                                        | 001  | D M                                                                                                                                                                                         | WASTE NON-RCRA LIQUIDS, N.O.S. (FUEL OIL TANK BOTTOMS)                 | NON-HAZ                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                       | 55                  | G                         |  |                        |                                                                        |              |           |               |                     |                       |     |      |    |    |     |     |                                                        |         |  |  |    |   |    |  |  |  |  |  |  |  |  |    |  |  |  |  |  |  |  |  |    |  |  |  |  |  |  |  |  |
| b.                                                                                                                                                                                                                                                                                                                                                                                        |      |                                                                                                                                                                                             |                                                                        |                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                       |                     |                           |  |                        |                                                                        |              |           |               |                     |                       |     |      |    |    |     |     |                                                        |         |  |  |    |   |    |  |  |  |  |  |  |  |  |    |  |  |  |  |  |  |  |  |    |  |  |  |  |  |  |  |  |
| c.                                                                                                                                                                                                                                                                                                                                                                                        |      |                                                                                                                                                                                             |                                                                        |                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                       |                     |                           |  |                        |                                                                        |              |           |               |                     |                       |     |      |    |    |     |     |                                                        |         |  |  |    |   |    |  |  |  |  |  |  |  |  |    |  |  |  |  |  |  |  |  |    |  |  |  |  |  |  |  |  |
| d.                                                                                                                                                                                                                                                                                                                                                                                        |      |                                                                                                                                                                                             |                                                                        |                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                       |                     |                           |  |                        |                                                                        |              |           |               |                     |                       |     |      |    |    |     |     |                                                        |         |  |  |    |   |    |  |  |  |  |  |  |  |  |    |  |  |  |  |  |  |  |  |    |  |  |  |  |  |  |  |  |
| 5.                                                                                                                                                                                                                                                                                                                                                                                        |      | Job No. <b>R3779</b>                                                                                                                                                                        |                                                                        | 6. Approval Nos.<br>a. <b>0602129</b><br>b.<br>c.<br>d. |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 7. Purchase Order No. |                     | 8. Additional Information |  | 9. Required Placard(s) |                                                                        |              |           |               |                     |                       |     |      |    |    |     |     |                                                        |         |  |  |    |   |    |  |  |  |  |  |  |  |  |    |  |  |  |  |  |  |  |  |    |  |  |  |  |  |  |  |  |
| 10. Generator Certification: I hereby certify the above named materials are properly classified, described, packaged, marked, and are in proper condition for transportation according to the applicable regulations of the Department of Transportation.<br>Generator Name: <u>Todd Kibler as agent for Enviro</u> Generator Signature: <u>[Signature]</u> Shipment Date: <u>6/21/02</u> |      |                                                                                                                                                                                             |                                                                        |                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                       |                     |                           |  |                        |                                                                        |              |           |               |                     |                       |     |      |    |    |     |     |                                                        |         |  |  |    |   |    |  |  |  |  |  |  |  |  |    |  |  |  |  |  |  |  |  |    |  |  |  |  |  |  |  |  |
| 11. Acknowledgement of Receipt of Material - To be Completed by Signatories<br>Transporter 1 Driver Name (Print): <u>[Signature]</u> Signature: <u>[Signature]</u> Shipment Date: <u>6/21/02</u><br>Transporter 2 Driver Name (Print): _____ Signature: _____ Shipment Date: _____                                                                                                        |      |                                                                                                                                                                                             |                                                                        |                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                       |                     |                           |  |                        |                                                                        |              |           |               |                     |                       |     |      |    |    |     |     |                                                        |         |  |  |    |   |    |  |  |  |  |  |  |  |  |    |  |  |  |  |  |  |  |  |    |  |  |  |  |  |  |  |  |
| 12. Facility Receiving Wastes - Authorized Agent: <u>[Signature]</u> Signature: <u>[Signature]</u> Receipt Date: <u>6/21/02</u>                                                                                                                                                                                                                                                           |      |                                                                                                                                                                                             |                                                                        |                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                       |                     |                           |  |                        |                                                                        |              |           |               |                     |                       |     |      |    |    |     |     |                                                        |         |  |  |    |   |    |  |  |  |  |  |  |  |  |    |  |  |  |  |  |  |  |  |    |  |  |  |  |  |  |  |  |
| 13. Emergency Telephone No.: ( 585 ) 436-5660 Contact Name: <u>TOM HENDERSON</u> <small>Required for transportation of DOT Hazardous Material only.</small>                                                                                                                                                                                                                               |      |                                                                                                                                                                                             |                                                                        |                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                       |                     |                           |  |                        |                                                                        |              |           |               |                     |                       |     |      |    |    |     |     |                                                        |         |  |  |    |   |    |  |  |  |  |  |  |  |  |    |  |  |  |  |  |  |  |  |    |  |  |  |  |  |  |  |  |
| 14. Discrepancy Indication Space to be Completed by the Disposal Facility.                                                                                                                                                                                                                                                                                                                |      |                                                                                                                                                                                             |                                                                        |                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                       |                     |                           |  |                        |                                                                        |              |           |               |                     |                       |     |      |    |    |     |     |                                                        |         |  |  |    |   |    |  |  |  |  |  |  |  |  |    |  |  |  |  |  |  |  |  |    |  |  |  |  |  |  |  |  |

This form may not be used for wastes identified as hazardous under state or RCRA regulations.

White: Retained by TSDF    Canary: Mailed by TSDF to EPS Branch    Pink: Retained by Generator

# WASTE PROFILE REPORT - SYRACUSE FACILITY

Environmental Products & Services, Inc.  
532 State Fair Boulevard  
Syracuse, NY 13204  
(800) 843-8265 FAX (315) 475-8920

|                     |  |
|---------------------|--|
| Office Use Only     |  |
| Date _____          |  |
| Approval No. _____  |  |
| Handling Code _____ |  |

**A**

|                                   |                                           |
|-----------------------------------|-------------------------------------------|
| Customer <u>SAW Environmental</u> | Generator <u>Ingleside Machine + tool</u> |
| Address <u>81 O'Connor Road</u>   | Site <u>1118 Mertensia Road</u>           |
| <u>Fairport NY 14450</u>          | Address <u>Farmington New York</u>        |
|                                   | <u>14425</u>                              |
| Contact <u>Jon Heenkens</u>       | Contact <u>Mario Carruba</u>              |
| Title <u>Project Manager</u>      | Title <u>Owner</u>                        |
| Phone <u>585-377-5545</u>         | Phone <u>585-924-3046</u>                 |

**B**

Type of plant or facility generating waste Underground storage tank closure

Material Description Fuel oil tank bottoms

Specific Generating Process UST closure, shovel + drum contents

Is this debris or groundwater from a UST Corrective Action per 40 CFR Part 280? ☐ YES ☒ NO

Volume 55 Units 1 Frequency: ☐ One Time ☐ /Month ☐ /Year

**C**

|                                                                                                                                      |                  |                                                                                                    |
|--------------------------------------------------------------------------------------------------------------------------------------|------------------|----------------------------------------------------------------------------------------------------|
| List Components by % (total must equal 100):                                                                                         | Range: Min - Max | Was a TCLP analysis performed? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO |
| <u>Fuel Oil</u>                                                                                                                      | <u>50</u> %      | Sample ID No. _____                                                                                |
| <u>Sludge</u>                                                                                                                        | <u>50</u> %      | PCB _____                                                                                          |
| _____                                                                                                                                | _____ %          | Total Halogens _____                                                                               |
| _____                                                                                                                                | _____ %          | Flash Point _____                                                                                  |
| Does waste contain free liquids? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO If yes, <u>50</u> % Free Liquid |                  | Other (state) _____                                                                                |
| Does waste have strong odor? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO Describe: <u>Fuel oil</u>           |                  |                                                                                                    |

**D**

|                                                                                                                             |                                                                                                       |
|-----------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------|
| Is this a RCRA Hazardous Waste? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO                         | Is this a DOT Hazardous Material? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO |
| Is this a Regulated Hazardous Waste in your state? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO      | Proper Shipping Name _____                                                                            |
| NY State Waste Code: <u>1013</u>                                                                                            | DOT Hazard Class _____                                                                                |
| Other State Codes _____                                                                                                     | DOT Identification No. _____                                                                          |
| Is this generator a conditionally exempt small quantity generator? <input type="checkbox"/> YES <input type="checkbox"/> NO |                                                                                                       |

**E**

Additional Information \_\_\_\_\_

I certify the above information is accurate and the waste is not a hazardous waste according to New York State Department of Environmental Conservation and United States Environmental Protection Agency regulations. Environmental Products & Services, Inc. is not permitted for and will not knowingly accept hazardous waste.

Ingleside Machine  
Generator Name (Print)

[Signature]  
Authorized Signature

6-20-09  
Date

Environmental Products & Services, Inc. Approval (Print Name)

Authorized Signature

Date

White - FACILITY

Canary - CUSTOMER

Pink - CUSTOMER SERVICE

Goldenrod - EPS REPRESENTATIVE

DO NOT DETACH COPIES OF THIS FORM. PLEASE SEE INSTRUCTIONS ON REVERSE SIDE.

2010.FAC.200.9409

*Appendix F*

**Site Photographs**

**FORMER INGLESIDE MACHINE CO., INC.**  
**SITE # V00495**  
**Farmington, New York**



Excavation of dry well – 1/29/03

**FORMER INGLESIDE MACHINE CO., INC.**  
**SITE # V00495**  
**Farmington, New York**



Drums used to construct dry well – photo taken 1/29/03

**FORMER INGLESIDE MACHINE CO., INC.**  
**SITE # V00495**  
**Farmington, New York**



Crushed stone used in dry well construction – photo taken 1/29/03

**FORMER INGLESIDE MACHINE CO., INC.**  
**SITE # V00495**  
**Farmington, New York**



Removal of 1,000-gallon fuel oil UST – 1/29/03

**FORMER INGLESIDE MACHINE CO., INC.**  
**SITE # V00495**  
**Farmington, New York**



Excavation bottom – photo taken 1/29/03

**FORMER INGLESIDE MACHINE CO., INC.**  
**SITE # V00495**  
**Farmington, New York**



Decommissioned tank – photo taken 1/29/03

**FORMER INGLESIDE MACHINE CO., INC.**  
**SITE # V00495**  
**Farmington, New York**

Excavation area after site restoration (photo taken 8/3/03)



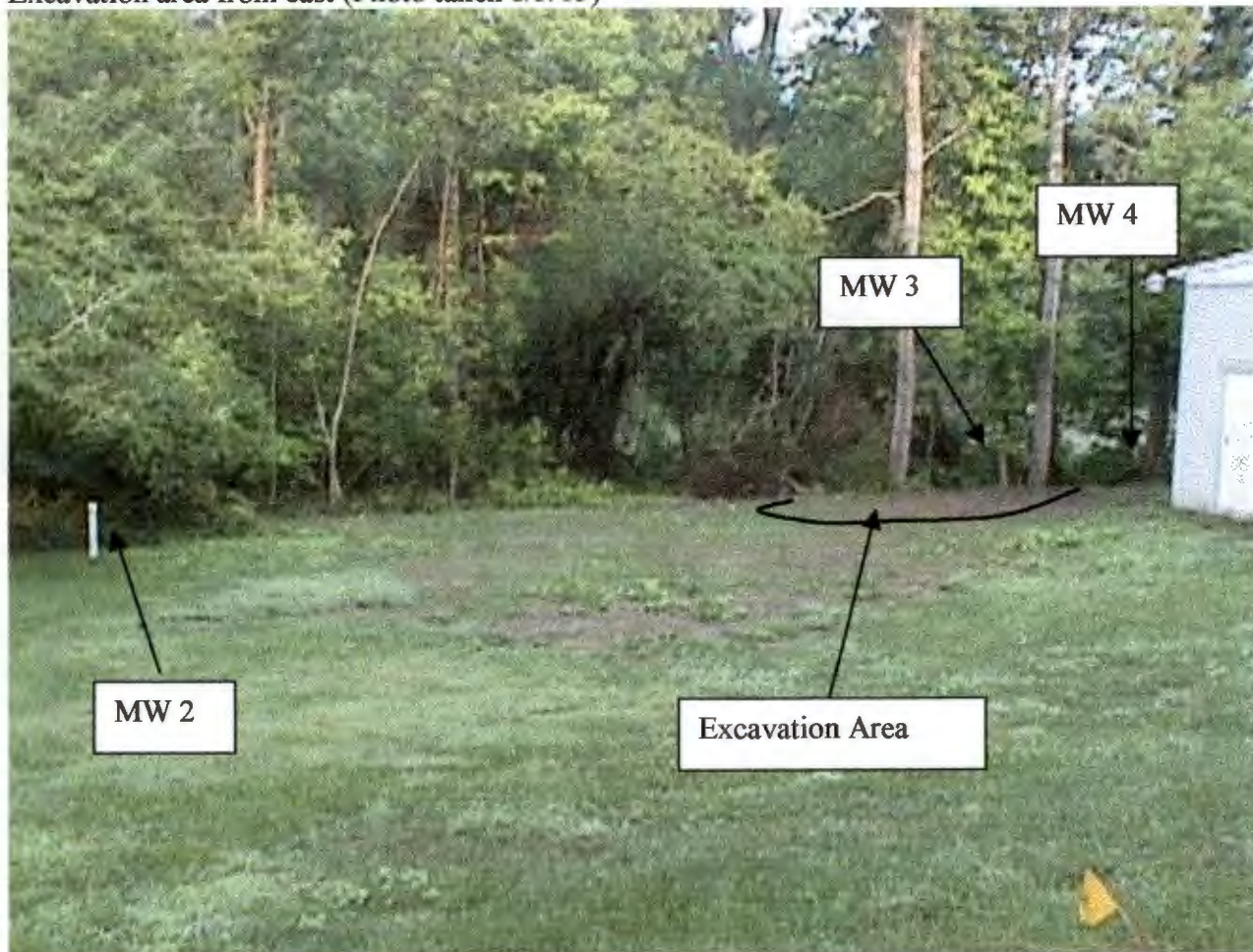
**FORMER INGLESIDE MACHINE CO., INC.**  
**SITE # V00495**  
**Farmington, New York**

Location of MW 4 (photo taken 8/3/03)



**FORMER INGLESIDE MACHINE CO., INC.**  
**SITE # V00495**  
**Farmington, New York**

Excavation area from east (Photo taken 8/3/03)



**FORMER INGLESIDE MACHINE CO., INC.**  
**SITE # V00495**  
**Farmington, New York**

Excavation area and property line from south (photo taken 8/3/03)



**FORMER INGLESIDE MACHINE CO., INC.**  
**SITE # V00495**  
**Farmington, New York**

Location of MW 3 (phot taken 8/3/03)



**FORMER INGLESIDE MACHINE CO., INC.**  
**SITE # V00495**  
**Farmington, New York**

Wetland area to the west of the site (photo taken 8/3/03)



*Appendix G*

**Data Usability Summary Reports (DUSR)**

Haley & Aldrich of New York  
200 Town Centre Drive, Suite 2  
Rochester, NY 14623-4264  
Tel: 585.359.9000  
Fax: 585.359.4650  
www.HaleyAldrich.com



Letter of Transmittal

Date 22 April 2003  
File Number 29982-000  
From Denis M. Conley

---

To SAW Environmental  
81 O'Connor Road  
Fairport, NY 14450  
Attention Jon Heerkens  
Copy to File  
Subject Data Usability Summary Report - SDG: MW-1

---

| Copies | Date          | Description      |
|--------|---------------|------------------|
| 1      | 21 April 2003 | DUSR - SDG: MW-1 |

---

Transmitted via ☒ First class mail ☐ Overnight express ☐ Hand delivery ☐ Other

---

Remarks

Mr. Heerkens,

Enclosed please find one copy of the Data Usability Summary Report for your project data. We have conducted our evaluation in accordance with our proposal dated 1 April 2003.

If you have any questions concerning our findings, do not hesitate to contact us at 585 321 4245.

Thank you for asking for our assistance with this project, we look forward to working with you in the future on this or other projects.

Sincerely  
Haley & Aldrich of New York

Denis M. Conley  
Senior Scientist

**Data Usability Summary Report (DUSR)**  
**SAW Environmental – January 2003 Sampling Event**  
**Analytical Laboratory: Adirondack Environmental Services, Inc. – Albany, NY**  
**Case: PA 0301**  
**Sample Delivery Group: MW-1**

Analytical results for four (4) water samples, four (4) soil samples, and one (1) quality control sample were reviewed to evaluate the data usability. Data were assessed in accordance with guidance from the United States Environmental Protection Agency (USEPA) **National Functional Guidelines for Organic Data Review** (EPA 540/R-99/008), **National Functional Guidelines for Inorganic Data Review, Final** (EPA 540-R-01-008), and method protocol criteria where applicable as prescribed by "Test Methods for Evaluating Solid Waste", SW846, Update III, 1996. This DUR pertains to the following samples:

| <u>Lab ID No.</u> | <u>Client ID No.</u> | <u>Matrix</u> |
|-------------------|----------------------|---------------|
| 030111A-01        | MW-1                 | Water         |
| 030111A-02        | MW-2                 | Water         |
| 030111A-03        | MW-3                 | Water         |
| 030111A-04        | MW-4                 | Water         |
| 030111A-05        | SOUTH                | Soil          |
| 030111A-06        | NORTH                | Soil          |
| 030111A-07        | SOUTHWEST            | Soil          |
| 030111A-08        | NORTHWEST            | Soil          |
| 030111A-09        | Trip Blank           | Water         |

Project samples were analyzed according to the following analytical methods:

| <u>Parameter</u>                            | <u>Analytical Method</u> | <u>Holding Time Criteria</u> |
|---------------------------------------------|--------------------------|------------------------------|
| Cyanide, Total                              | SW846 9012A              | 14 Days                      |
| Cyanide                                     | EPA 335.3                | 14 Days                      |
| Mercury in Liquid Waste (Manual Cold Vapor) | SW846 7470A              | 28 Days                      |
| Mercury in Solid Waste (Manual Cold Vapor)  | SW846 7471A              | 28 Days                      |
| Metals by ICP-AES                           | SW846 6010               | 6 Months                     |
| Volatile Organic Compounds by GC/MS         | SW846 8260B              | 7 Days                       |

**References:**

MCAWW – "Methods for Chemical Analysis of Water and Wastes", EPA-600/4-79-020, March 1983 and subsequent revisions.  
SW846 – "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods", 3<sup>rd</sup> Edition, November 1986 and its updates

The following items/criteria applicable to the analysis of project samples and associated QA/QC procedures were reviewed.

- ☐ Holding Times
- ☐ GC/MS Instrument Performance Check
- ☐ Initial Calibration Procedures
- ☐ Continuing Calibration Procedures
- ☐ Blank Sample Analysis
- ☐ System Monitoring Compound Recoveries
- ☐ Laboratory Control Samples, Matrix Spike/Matrix Spike Duplicate Recoveries
- ☐ Internal Standard Recoveries
- ☐ Duplicate Sample Analysis
- ☐ ICP Interference Check Sample Performance
- ☐ ICP Serial Dilution Replicate Percent Difference

- ☐ Sample Data Reporting Format
- ☐ Data Qualifiers
- ☐ Summary

### Holding Times

Maximum allowable holding times, measured from the time of sample collection to the time of sample preparation or analysis, were met for each project sample analyzed as part of this sample delivery group, with the following exception(s):

Samples for volatile organic compound analysis (EPA Method 8260B) were unpreserved and received at the laboratory with a cooler temperature of 14°C, which exceeds the acceptance criteria of 4±2°C. Therefore, it is recommended that all positive results be qualified as "J", estimated and non-detected analytes as "UJ", estimated detection limit.

### GC/MS Instrument Performance Check

GC/MS instrument performance checks for the instruments used in the analysis of project samples fell within method specific criteria without exception. No qualification of the data is recommended.

### Initial Calibration Procedures

Initial instrument calibration procedures for the analysis of project samples were consistent with the guidelines prescribed by ASP protocols, with the following exception(s):

During the analysis of volatile organic compounds (SW846 8260B), the initial calibration standards for the following target compound(s) exhibited a percent relative standard deviation (%RSD) greater than the acceptance criteria of 30%:

| Inst.  | Date/<br>Time     | Target Analyte, %RSD | Associated<br>Samples                                                                  | Corrective Action                                                                                        |
|--------|-------------------|----------------------|----------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------|
| 7001 C | 01/06/03<br>17:09 | Acetone, 43.8        | MW-1<br>MW-2<br>MW-3<br>MW-4<br>SOUTH<br>NORTH<br>SOUTHWEST<br>NORTHWEST<br>Trip Blank | Qualify positive results as "J", estimated and non-detected analytes as "UJ", estimated detection limit. |

### Continuing Calibration Procedures

Continuing instrument calibration procedures for the analysis of project samples were consistent with the guidelines prescribed by ASP protocols, with the following exception(s):

During the analysis of volatile organic compounds (SW846 8260B), the continuing calibration verification (CCV) standards for the following target compound(s) exhibited a percent drift (%D) greater than the acceptance criteria of 25 %:

| Inst.  | Date              | Target Analyte, %D                                                            | Associated Samples                                                             | Corrective Action                                                                                        |
|--------|-------------------|-------------------------------------------------------------------------------|--------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------|
| 7001 C | 01/13/03<br>12:22 | Bromomethane, -26.4<br>Methylene chloride, -36.8<br>1,1-Dichloroethane, -25.7 | MW-1<br>MW-3<br>MW-4<br>SOUTH<br>NORTH<br>SOUTHWEST<br>NORTHWEST<br>Trip Blank | Qualify positive results as "J", estimated and non-detected analytes as "UJ", estimated detection limit. |

### Blank Sample Analysis

In accordance with cited ASP guidelines, positive sample results should be reported unless the concentration of the compound in the project sample is less than or equal to 10 times (10X) the amount in any blank for metals and the common organic laboratory contaminants (methylene chloride, acetone, 2-butanone, cyclohexane, and phthalate esters), or 5 times (5X) the amount for other target compounds. Target compounds were not detected in associated blank samples (trip, equipment, method) prepared and analyzed concurrently with the project samples. No qualification of the data is recommended.

### System Monitoring Compound Recoveries

System monitoring/surrogate compounds were added to each sample prior to analysis of organic parameters by EPA Method 8260B to confirm the efficiency of the sample preparation procedure. The calculated recovery for each surrogate compound was evaluated to confirm the accuracy of the reported results. The calculated recovery of these compounds fell within the laboratory specific quality control criteria. No qualification of the data is recommended.

### Laboratory Control Samples (LCS), Matrix Spike/Matrix Spike Duplicate (MS/MSD) Recoveries

Analytical precision and accuracy was evaluated based on the laboratory control and matrix spike sample analyses performed concurrently with the project samples. For matrix spike samples, after the addition of a known amount of each target analyte to the sample matrix, the sample was analyzed to confirm the ability to identify these compounds within the sample matrix. For LCS analyses, after the addition of a known amount of each target analyte into laboratory reagent water, the sample was analyzed to confirm the ability of the analytical system to accurately quantify the compounds. The reported recovery of MS/MSD and LCS analyses fell within the laboratory QA acceptance criteria, with the following exception(s):

During the analysis of volatile organic compounds (EPA Method 8260B), sample MW-4 was used for the water MS/MSD analysis. Although the MS/MSD met %R criteria, the %RPD (23%) for 1,1-Dichloroethene between the MS/MSD was outside the required limits of 14% RPD. Per ASP protocol a matrix spike blank was analyzed and all recoveries were within acceptable limits. No qualification of the data is recommended.

During the analysis of Metals (SW846 9010), project samples MW-4 and SOUTH were used for matrix spikes. The reported recovery for several target analytes fell outside the acceptance criteria, as summarized in the following table:

| Project Sample ID | Target Analyte | %R Criteria | %R   | Affected Samples |
|-------------------|----------------|-------------|------|------------------|
| MW-4 S            | Aluminum       | 75-125      | 137  | MW-1             |
|                   | Cadmium        | 75-125      | 44.0 | MW-2             |
|                   | Mercury        | 75-125      | 59.4 | MW-3             |
|                   | Selenium       | 75-125      | 66.4 | MW-4             |
|                   | Thallium       | 75-125      | 61.7 |                  |
| SOUTH S           | Antimony       | 75-125      | 44.1 | SOUTH            |
|                   | Arsenic        | 75-125      | 0    | SOUTHWEST        |
|                   | Cadmium        | 75-125      | 43.0 | NORTH            |
|                   | Chromium       | 75-125      | 65.0 | NORTHWEST        |
|                   | Lead           | 75-125      | 38.7 |                  |
|                   | Manganese      | 75-125      | 11.6 |                  |
|                   | Selenium       | 75-125      | 0    |                  |
|                   | Silver         | 75-125      | 61.3 |                  |
|                   | Thallium       | 75-125      | 45.2 |                  |

**Recommendation:** For those target analytes where the %R is < 30%, qualify positive results as "J", estimated and non-detected analytes as "R", unusable. For those target analytes where the %R is between 30-74%, qualify positive results as "J", estimated and non-detected analytes as "UJ", estimated detection limit. For those target analytes where the %R is > 125%, qualify positive results as "J", estimated and non-detected analytes should not be qualified should not be qualified.

During the analysis of Cyanide (EPA 335.3/SW846 9012A), project sample South was used for the matrix spike. The reported recovery for cyanide target analytes fell outside the acceptance criteria of 75-125% R, as summarized in the following table:

| MS/MSDID | Target Analyte | %R | Associated Project Samples               | Action                                                                                 |
|----------|----------------|----|------------------------------------------|----------------------------------------------------------------------------------------|
| SOUTH S  | Cyanide        | 27 | SOUTH<br>NORTH<br>SOUTHWEST<br>NORTHWEST | Qualify positive results as "J", estimated and non-detected analytes as "R", unusable. |

#### Internal Standard Recoveries

Internal Standard (IS) compounds were added to each sample matrix prior to the analysis of organic parameters by EPA Methods 8260B and 8270C to quantify the amount of the target compounds detected within each sample. The calculated response of each IS compound fell within the QA/QC criteria of +100% and - 50% of the corresponding CCV standard. No qualification of the data is recommended.

### Duplicate Sample Analysis

The replicate percent difference (%RPD) was evaluated for each sample matrix in order to monitor the precision or reproducibility of the data. The RPD for each sample pair was within the acceptance criteria of  $\pm 20\%$ , with the following exception(s):

| Sample ID | Target Analyte | RPD   | Associated Samples                       | Recommendation                                                                                                                         |
|-----------|----------------|-------|------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------|
| SOUTH D   | Mercury        | 107.8 | South<br>Southwest<br>North<br>Northwest | Qualify results greater than the Instrument Detection Limit (IDL) as "J", estimated and non-detects as "U", estimated detection limit. |

### ICP Interference Check Sample Performance

The results of the ICP Interference Check Samples analyzed concurrently with the project samples were within the acceptance criteria  $\pm 20\%$  of true value as prescribed by ASP guidance, with the following exception(s):

The recovery for Calcium and Iron in the ICSA and ICSB check standards were outside the required limit. The required concentration for these analytes in the check standards is 500,000 and 200,000  $\mu\text{g/L}$ , respectively. The linear range on this instrument for Calcium and Iron is 400,000 and 80,000  $\mu\text{g/L}$ , respectively. At this level, accurate recovery of Calcium and Iron in the check standards is not possible. No qualification of the data is recommended.

### ICP Serial Dilution Replicate Percent Difference

The results of the ICP Serial Dilution samples analyzed concurrently with the project samples were in accordance with the EPA QA acceptance criteria of less than 10% RPD for those target analytes with sample concentrations  $> 50\times$  the IDL, with the following exception(s).

| Sample ID | Target Analyte                                            | Serial Dilution (% D)                        | Associated Samples                       | Recommendation                                                                                                      |
|-----------|-----------------------------------------------------------|----------------------------------------------|------------------------------------------|---------------------------------------------------------------------------------------------------------------------|
| MW-4      | Iron<br>Potassium<br>Sodium                               | 11.4<br>25.3<br>65.6                         | MW-1<br>MW-2<br>MW-3<br>MW-4             | Qualify results greater than the IDL as "J", estimated and non-detected analytes as "UJ, estimated detection limit. |
| SOUTH     | Calcium<br>Iron<br>Lead<br>Manganese<br>Potassium<br>Zinc | 13.4<br>22.6<br>16.5<br>15.9<br>19.4<br>12.2 | SOUTH<br>NORTH<br>SOUTHWEST<br>NORTHWEST |                                                                                                                     |

### Sample Data Reporting Format

The sample data are presented using NYSDEC ASP Category B. The data package has been reviewed for completeness and found to contain each required sample result and associated QA/QC report form. The reporting format is complete and compliant with the objectives of the project. No corrective action is recommended.

## Data Qualifiers

Data qualifiers were assigned by the laboratory to the reported results to identify target compounds detected below the reporting limit but above the instrument detection limit (IDL), and/or when target compounds were detected in the associated method/preparation blank sample.

As described in the SDG "Case Narrative" the laboratory assigned the following qualifiers for the following reasons:

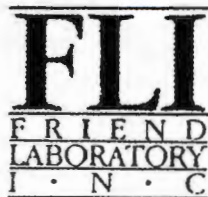
- "U" – undetected (analyte results were below the reporting).
- "J" – estimated value (analyte results were below the reporting limit, but greater than the detection limit).
- "B" – blank contamination (if analyte results were less than 5X or 10X the reporting limit samples were qualified as "U", undetected; if analyte results were greater than 5X or 10X the reporting limit the "B" qualifier was dropped).
- "N" – indicates that the percent recovery in the Metals MS/MSD was outside the acceptance criteria (the "N" qualifier should be dropped and qualified as "J", estimated or "UJ", estimated detection limit, or "R", unusable, as specified in the **"Laboratory Control Samples (LCS), Matrix Spike/Matrix Spike Duplicate (MS/MSD) Recoveries"** section).
- "E" – indicates that the analyte concentration exceeds the calibration range of the instrument (all "E" qualifiers should be changed to "J", estimated).
- "\*" – indicates that the %RPD for Mercury was outside the acceptance criteria (results were qualified as "J", estimated or "UJ", estimated detection limit, or "R", unusable, as specified in the **"Laboratory Control Samples (LCS), Matrix Spike/Matrix Spike Duplicate (MS/MSD) Recoveries"** section).

Based on a spot check of the data qualifiers used, these flags appeared to be applied to the reported results in accordance with EPA guidance.

## Summary

The results presented in each report were found to be compliant with the data quality objectives for the project and usable. Based on our review, the usability of these data is 100% with the few exceptions noted above.

G:\Projects\29982\MW-1 DUSR.doc



## Laboratory Validation and Usability Assessment

**Project:** Expresslab, Inc.  
**48965**  
**Sampled January 29, 2002**

---

The data reported in this package have been reviewed for compliance with QC acceptance limits as specified in the method cited for each analysis.

These statistical limits are typically based on historical laboratory data for a given sample matrix, and will not exceed any default limits specified by the method. CLP acceptance limits are also considered.

The following Quality Control operations are considered in the validation of reported results:

Holding times, surrogate recovery, spiked sample recovery, duplicates/spiked duplicate precision, tuning criteria, internal standard variation, continuing calibration variation, reference (check) sample recovery, and instrument, method, trip and field blanks. The appropriate frequency for each operation is also considered.

Every effort has been made to report data that is compliant with the EPA methodology cited for each analysis. In cases where the laboratory was unable to meet all method requirements prior to sample expiry, either due to the nature of the sample or other technical difficulty, results are reported with qualification with the understanding that qualified results may not be suitable for compliance purposes. The internal technical review is based on the USEPA Contract Laboratory Program *National Functional Guidelines for Organic Review* (EPA 540/R-94/012, February 1994) and *National Functional Guidelines for Inorganic Review* (EPA 540/R-94/013, February 1994).

### Validation

One site sample, 48965, was retained by the client until February 5, 2002, then received by the laboratory on February 7, 2002. The temperature, as received with ice packs, was 8°C for the temperature blank and 6°C for the ice packs.

*Appendix H*

**Town of Farmington Building Code**

**CODE OF THE TOWN OF FARMINGTON, NEW YORK v3 Updated Through:8-15-2003**  
**PART II GENERAL LEGISLATION**  
**Chapter 165, ZONING**  
**ARTICLE IV, District Regulations**  
**§ 165-25. RMF Residential Multiple-Family District.**

**§ 165-25. RMF Residential Multiple-Family District.**

A. Intent. The intent in creating Residential Multiple-Family Districts is the same as that specified for R-2 Districts in § 165-24 of this chapter.

B. Permitted principal uses:

- (1) Multiple-family dwellings, subject to provisions contained in § 165-79 of this chapter.
- (2) Two-family detached dwellings.
- (3) Principal uses permitted in the R-1-15 District.

C. Permitted accessory uses:

- (1) Accessory uses permitted in the R-1-15 District.

D. Special permit uses:

- (1) Home occupations.
- (2) Public buildings.
- (3) Essential services and structures, excluding power plants, maintenance yards, storage yards and personal wireless telecommunications facilities. [Amended 4-22-1997 by L.L. No. 3-1997]
- (4) Cemeteries.
- (5) Rooming and lodging houses.
- (6) Mobile home parks.

## ZONING

## TOWN OF FARMINGTON

SCHEDULE J<sup>1</sup>

## LOT AREA, BULK AND COVERAGE REQUIREMENTS

[Amended 7-27-1981 by L.L. No. 4-1981; 6-10-1986 by L.L. No. 4-1986;  
3-24-1987 by L.L. No. 1-1987; 1-4-1988 by L.L. No. 1-1988; 5-25-1993 by L.L. No. 2-1993;  
4-22-1997 by L.L. No. 3-1997; 12-12-2000 by L.L. No. 1-2000]

| Zoning District | Lot Area Requirements          |                                                                                                      |                          | Yard Requirements                              |             |                                   | Lot Coverage<br>Minimum Building Area<br>(% of lot) | Height Limitations <sup>7</sup><br>Maximum Structure Height (feet)    Maximum Number of Stories |    |
|-----------------|--------------------------------|------------------------------------------------------------------------------------------------------|--------------------------|------------------------------------------------|-------------|-----------------------------------|-----------------------------------------------------|-------------------------------------------------------------------------------------------------|----|
|                 |                                |                                                                                                      |                          | Minimum Building Setback Requirements          |             |                                   |                                                     |                                                                                                 |    |
|                 | Minimum Lot Size (square feet) | Minimum Lot Width (feet)                                                                             | Minimum Lot Depth (feet) | Front (feet)                                   | Rear (feet) | Each Side (feet)                  |                                                     |                                                                                                 |    |
| A-80            | 80,000                         | 300                                                                                                  | 250                      | 60                                             | 20          | 20                                | 25%                                                 | 35                                                                                              | 2½ |
| RR-80           | 80,000                         | 300                                                                                                  | 250                      | 60                                             | 20          | 20                                | 25%                                                 | 35                                                                                              | 2½ |
| RS-25           | 25,000                         | 125                                                                                                  | 150                      | 50                                             | 15          | 15                                | 25%                                                 | 35                                                                                              | 2½ |
| R-7.2           | 7,200 <sup>2</sup>             | 60                                                                                                   | —                        | 35                                             | 30          | 7½, one side 15, total both sides | —                                                   | —                                                                                               | —  |
|                 | 8,000 <sup>3</sup>             | 80                                                                                                   | —                        | 35                                             | 30          | 7½, one side 15, total both sides | —                                                   | —                                                                                               | —  |
|                 | 9,600 <sup>3</sup>             | 80                                                                                                   | —                        | 35                                             | 30          | 7½, one side 15, total both sides | —                                                   | —                                                                                               | —  |
|                 | 10,800 <sup>6</sup>            | 90                                                                                                   | —                        | 35                                             | 30          | 7½, one side 15, total both sides | —                                                   | —                                                                                               | —  |
|                 | 0 <sup>4</sup>                 | —                                                                                                    | —                        | 35                                             | 30          | 7½, one side 15, total both sides | —                                                   | —                                                                                               | —  |
| R-1-15          | 15,000                         | 100                                                                                                  | 150                      | 50                                             | 15          | 15                                | 25%                                                 | 35                                                                                              | 2½ |
| R-1-10          | 10,000                         | 75                                                                                                   | 100                      | 40                                             | 15          | 10, one side 25, total both sides | 25%                                                 | 35                                                                                              | 2½ |
| R-2             | 10,000 <sup>2</sup>            | 100                                                                                                  | 100                      | 50                                             | 15          | 15                                | 30%                                                 | 35                                                                                              | 2½ |
|                 | 17,500 <sup>3</sup>            | 100                                                                                                  | 150                      | 50                                             | 20          | 15                                | 30%                                                 | 35                                                                                              | 2½ |
| RMF             | 10,000 <sup>2</sup>            | 100                                                                                                  | 100                      | 50                                             | 15          | 15                                | 30%                                                 | 35                                                                                              | 3  |
|                 | 17,500 <sup>3</sup>            | 100                                                                                                  | 150                      | 50                                             | 20          | 15                                | 30%                                                 | 35                                                                                              | 3  |
|                 | 3 acres <sup>4</sup>           |                                                                                                      |                          |                                                |             |                                   |                                                     |                                                                                                 |    |
| RB              | 40,000                         | 150                                                                                                  | 200                      | 75                                             | 30          | 30                                | 35%                                                 | 35                                                                                              | 3  |
| NB <sup>5</sup> | 20,000                         | 100                                                                                                  | 150                      | 75                                             | 30          | 30                                | 40%                                                 | 35                                                                                              | 3  |
| GB              | 40,000                         | 150                                                                                                  | 200                      | 75                                             | 30          | 30                                | 35%                                                 | 35                                                                                              | 3  |
| LI              | 60,000                         | 250                                                                                                  | 200                      | 80                                             | 30          | 30                                | 35%                                                 | 35                                                                                              | 3  |
| GI              | 2 acres                        | 200                                                                                                  | 300                      | 80                                             | 30          | 30                                | 35%                                                 | 35                                                                                              | 3  |
| PD              | 5 contiguous acres             | Specific requirements to be established by Town Board and Planning Board as part of rezoning process |                          |                                                |             |                                   |                                                     |                                                                                                 |    |
| LC              | 5 acres                        | 300                                                                                                  | 400                      | Dependent upon underlying district designation |             |                                   | 10%                                                 | 35                                                                                              | 2½ |

## NOTES:

<sup>1</sup> See additional area requirements in Article IV for special permit uses.

<sup>2</sup> Minimum lot size for a single-family residential structure.

<sup>3</sup> Minimum lot size for a two-family residential structure.

<sup>4</sup> Minimum lot size for a multiple-family residential development.

<sup>5</sup> Minimum lot size for a single-family dwelling on a corner lot.

<sup>6</sup> Minimum lot size for a two-family dwelling on a corner lot.

<sup>7</sup> See § 165-68 for the permitted heights of personal wireless telecommunications facilities towers.

<sup>8</sup> Minimum lot size for a single-family residential structure where no public sewer service exists, in a NB Neighborhood Business District, shall be 25,000 square feet.

## ZONING

**TOWN OF FARMINGTON  
SCHEDULE II  
MINIMUM HABITABLE FLOOR AREA REQUIREMENTS  
FOR ONE- AND TWO-FAMILY DWELLING UNITS<sup>1</sup>**

| Dwelling Type | 1 Story<br>(square feet) | 1½ Stories<br>(square feet) | 2 Stories<br>(square feet) |
|---------------|--------------------------|-----------------------------|----------------------------|
| One-family    | 912                      | 1,200                       | 1,300                      |
| Two-family    | 1,800                    | 2,000                       | 2,200                      |

## NOTES:

<sup>1</sup> See § 165-79 for minimum habitable floor area requirements for multiple-family dwelling units.

1000 COUNTY RD #8  
FARMINGTON, NY 14425  
(315) 986-8197 OR 986-8189  
Fax # (315) 986-8196

**FARMINGTON**

**FAX**

To: DAVE ENGERT

Fax: 505 377-5545 377 3861

From: Janyce Feistel, Admin Assistant

Date: OCTOBER 10, 2003

Re:

Pages: 2

SCHEDULE 1 COPY